G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

July 12, 2018

Mr. Justin Starr, P.G.
Engineering Geologist 1, Remedial Bureau C,
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

VIA E-MAIL TO ALL

Subject: SVE System Design Work Plan
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York
GCE Project No. 05-003-00
Monthly / Quarterly Soil Vapor Extraction System Performance - Cover System Monitoring & Quarterly Air Sampling - Groundwater Monitoring Reports

Dear Mr. Starr:

As you aware, Automobile Club of New York (AAA) (Now Known as AAA Northeast) entered into an Order on Consent (Index No. D3-0504-06-09) with the New York State Department of Environmental Conservation (NYSDEC) in December, 2006. Based on the submitted and approved August 2015 SVE System Design Work Plan, April 2015 Site Management Plan, October 2015 Construction Completion Report and November 2013 Site Characterization Report, the monthly and quarterly reports prepared by G. C. Environmental, Inc. (GCE) for the Subject Site are listed as follows:

Monthly Reports (April-May);
- Soil Vapor Extraction System Performance
- Cover System Monitoring

Quarterly Reports (June);
- Soil Vapor Extraction System Performance
- Cover System Monitoring
- Air Sampling
- Groundwater Monitoring

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

Very truly yours,

Gregory A. Collins
President

Enclosures: SVE System Design Monthly & Quarterly Reports

Monthly SVE & Cover System Monitoring Reports April - May, 2018

22 Oak Street • Bay Shore, NY 11706 • TEL: (31) 206-3700 • FAX: (631) 206-3729

www.gcenvironmental.com

G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

April 20, 2018

Mr. Justin Starr, P. G.
Engineering Geologist 1, Remedial Bureau C,
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

VIA E-MAIL TO ALL

Subject: SVE System Design Work Plan
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York
GCE Project No. 05-003-00
Monthly Soil Vapor Extraction System Performance & Cover System Monitoring Report - April 2018

Dear Mr. Starr:

Enclosed please find the April 2018 Monthly Soil Vapor Extraction System Performance & Cover System Monitoring Report prepared by G. C. Environmental, Inc. (GCE) for the Subject Site.

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

Very truly yours,

Gregory A. Collins
President

SVE System Design, Site Code Number 360095
Soil Vapor Extraction (SVE) System Performance & Cover System Monitoring Report
April 2018

SVE System Performance Overview

In April 20, 2018, the SVE system was found to be operating at a flow rate of 50 CFM. Vacuum measurements at the manifold were consistent, ranging from 52-54 inches wc. Vacuum measurements at the system blower show that the blower produces 34-52 inches wc. The SVE System was operational throughout the month of April with no water accumulation in the SVE system`s knock out (KO) drum. Air filter on the CFM gauge was inspected for moisture. No water accumulation was observed.

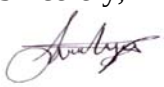
System Inspections

The SVE system operated continuously and routine inspections of the system are conducted by GCE personnel. System Operational Inspection logs are in place and are maintained. The concentrations of VOC (via photoionization detector (PID)) were measured on all soil vapor extraction points (SVE-1 & SVE-2 & SP-1 & SP-2). The PID readings were identified as 0.00 ppm for each point except the blower exhaust point. PID reading was 1 ppm at this point.

Cover System Inspections

The cover system routine inspection of the system is conducted by GCE personnel. The building slab and pavement act as a site cover for residual contaminated soils that exceed soil clean up objectives for the site use. The cover system at the soil vapor extraction wells (SVEs) location was not breached, penetrated or temporarily removed, and any underlying remaining contamination was not disturbed during the system inspection. However, during the system inspection, in some areas within the building footprint, which were not identified as the source of the contamination in soil vapor, cracks were observed. These are the same areas were identified during previous inspection.

Sincerely,



Fulya Toylular
Environmental Scientist

G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

May 24, 2018

Mr. Justin Starr, P.G.
Engineering Geologist 1, Remedial Bureau C,
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

VIA E-MAIL TO ALL

Subject: SVE System Design Work Plan
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York
GCE Project No. 05-003-00
Monthly Soil Vapor Extraction System Performance & Cover System Monitoring Report - May 2018

Dear Mr. Starr:

Enclosed please find the May 2018 Monthly Soil Vapor Extraction System Performance & Cover System Monitoring Report prepared by G. C. Environmental, Inc. (GCE) for the Subject Site.

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

Very truly yours,

Gregory A. Collins
President

SVE System Design, Site Code Number 360095
Soil Vapor Extraction (SVE) System Performance & Cover System Monitoring Report
May 2018

SVE System Performance Overview

In May 24, 2018, the SVE system was found to be operating at a flow rate of 50 CFM. Vacuum measurements at the manifold were consistent, ranging from 52-52 inches wc. Vacuum measurements at the system blower show that the blower produces 34-52 inches wc. The SVE System was operational throughout the month of May with no water accumulation in the SVE system`s knock out (KO) drum. Air filter on the CFM gauge was inspected for moisture. No water accumulation was observed.

System Inspections

The SVE system operated continuously and routine inspections of the system are conducted by GCE personnel. System Operational Inspection logs are in place and are maintained. The concentrations of VOC (via photoionization detector (PID)) were measured on all soil vapor extraction points (SVE-1 & SVE-2 & SP-1 & SP-2). The PID readings were identified as 0.00 ppm for each point except the blower exhaust point. PID reading was 1 ppm at this point.

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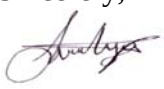
Sincerely,



Fulya Toylular
Environmental Scientist

Quarterly SVE & Cover System Monitoring & Air Sampling & Groundwater Monitoring Reports June, 2018

22 Oak Street • Bay Shore, NY 11706 • TEL: (31) 206-3700 • FAX: (631) 206-3729

www.gcenvironmental.com

G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

July 12, 2018

Mr. Justin Starr, P. G.
Engineering Geologist 1, Remedial Bureau C,
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

VIA E-MAIL TO ALL

Subject: SVE System Design Work Plan
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York (Now Known as AAA Northeast)
GCE Project No. 05-003-00
Quarterly Soil Vapor Extraction System Performance & Cover System Monitoring Report & Air Sampling Report & Groundwater Monitoring Report - June 2018

Dear Mr. Starr:

Enclosed please find the June 2018 Quarterly Soil Vapor Extraction System Performance & Cover System Monitoring Report & Air Sampling Report & Groundwater Monitoring Report prepared by G. C. Environmental, Inc. (GCE) for the Subject Site.

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

Very truly yours,

Gregory A. Collins
President

SVE System Design, Site Code Number 360095
Soil Vapor Extraction (SVE) System Performance & Cover System Monitoring Report & Air Sampling Report & Groundwater Monitoring Report
June 2018

SVE System Performance Overview

In June 29, 2018, the SVE system was found to be operating at a consistent flow rate of approximately 50 CFM. Vacuum measurements at the manifold were consistent, ranging from 52-52 inches wc. Vacuum measurements at the system blower show that the blower produces 34-51 inches wc. The SVE System was operational throughout the month of June with no accumulating in the system`s knock out (KO) drum. Air filter on the CFM gauge was inspected for moisture. No moisture was observed.

Air Sampling Procedures

According to the Soil Vapor Sampling Program attached to the August 2015 SVE System Design Work Plan Report, air samples were collected at four (4) locations in the SVE system: at the SVE system blower discharge (SP-1), at the discharge of the GAC vessel (SP-2) when the SVE system was running and at the each SVE wells (SV-1 and SV-2) taken at the repair shop area when the SVE system was shutdown. The air samples were collected using SUMMA canisters over an elapsed time of 1 hour. The air samples were boxed and shipped to the Phoenix Environmental Laboratories (PEL), a New York State ELAP-approved laboratory for analysis of VOC using EPA Method TO-15. PID readings were 0.00 ppm at all sampling locations (Please, refer to the lab results in Appendix A and Table 1 for air sample results and Figure 1 for air sampling diagram).

Air Sampling Data Interpretation

Air samples were collected in June 29, 2018. In June at an average flow rate of approximately 50 cfm (approximately 72,000 cub.ft/day), the SVE system was estimated to be removing approximately 0.59 lbs of total VOC per day (Please refer to the lab results in Appendix A and Table 1 for air sample results).

Air Sampling PID Measurements

According to the August 2015 SVE System Design Work Plan Report and April 2015 Site Management Report (SMP) concentrations of VOC (via photoionization detector (PID)) should be measured on all soil vapor extraction points (SVE-1 & SVE-2). The PID readings had been measured on these points and all sampling locations (Please refer to Table 2 for the PID Readings at all air sampling locations, June 29, 2018).

System Inspections

The SVE system operated as described and routine inspections of the system are conducted by GCE personnel. System Operational Inspection logs are in place and are maintained.

Cover System Inspections

The cover system routine inspection of the system is conducted by GCE personnel. The building slab and pavement act as a site cover for residual contaminated soils that exceed soil clean up objectives for the

site use. The cover system was not breached, penetrated or temporarily removed, and any underlying remaining contamination was not disturbed during the system inspection. Nevertheless, during the system inspection, in some areas within the building footprint, which were not identified as the source of the contamination in soil vapor, cracks were observed.

Groundwater Level Measurements

On June 29, 2018, prior to groundwater sampling, GCE conducted groundwater level measurements in all the on-site monitoring wells. Depth to groundwater was measured using a Solinst oil/water interface probe equipped with a fiberglass measuring tape. The same probe and measuring tape were used for all measurements. All of the groundwater level measurements were taken from an etch mark at the top of the PVC casing of each well (Please refer to Table 3 for the Groundwater Depth Measurements, Figure 2 for the Site Map).

Groundwater Sampling Procedures

According to the Soil Vapor Sampling Program attached to the August 2015 SVE System Design Work Plan Report, groundwater samples were collected at eight (8) existing monitoring well locations (MW-1 through MW-8) at the Subject Site. Due to limited access to the MW-9, groundwater sample was not able to collected from this location.

Prior to sampling, the standing water volume was calculated by using the depth to groundwater and total depth of the well. Three to five standing volumes of water were purged from the monitoring wells prior to sampling in order to evacuate the water that has stagnated and/or thermally stratified in the well casing. When the calculated quantity of water was purged from each well, a water sample was obtained using a dedicated disposable bailer.

The sampling was performed by GCE utilized a disposable bailer. The bailer, made of polyethylene, was slowly lowered into the well by hand. Once in the desired depth, the bailer was then retrieved. The sample was then transferred into sample containers which were then packed and shipped back to the Phoenix Environmental Laboratories (PEL), a New York State ELAP-approved laboratory in a laboratory-supplied cooler with sufficient ice packs to maintain the sample temperature at 4^{o}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 reports 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, the sample location and depth interval, the date and time, the initials of the sampler and the requested analysis.

Laboratory obtained glassware was used for the groundwater 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;

All eight groundwater samples, MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7 and MW-8 were logged and transferred under a chain-of-custody protocol to Phoenix Environmental Laboratories, Inc. (Phoenix), Manchester, Connecticut, a New York State ELAP-approved laboratory. All groundwater samples were analyzed for the presence of VOCs using EPA Method 8260 and SVOCs - B/Ns using EPA Method 8270 as described in the submitted work plan.

Groundwater Data Interpretation and Conclusions

One compound of VOCs in sample MW-1 namely 1,1,1-Trichloroethane (36 ug/l) was detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane.

Two compounds of VOCs in sample MW-2 namely 1,1,1-Trichloroethane (8.6 ug/l) and Tetrachloroethene (16 ug/l) were detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane and Tetrachloroethene.

Two compounds of VOCs in sample MW-3 namely 1,1,1-Trichloroethane (6.7 ug/l), Tetrachloroethene (6.2 ug/l) were detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane and Tetrachloroethene.

One compound of VOCs in sample MW-4 namely 1,1,1-Trichloroethane (10 ug/l) was detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane.

One compound of VOCs in sample MW-5 namely 1,1,1-Trichloroethane (6.9 ug/l) was detected above *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane.

Two compounds of VOCs in sample MW-6 namely 1,1,1-Trichloroethane (6.1 ug/l) and Tetrachloroethene (9.6 ug/l) were detected *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane and Tetrachloroethene.

One compound of VOCs in sample MW-7 namely 1,1,1-Trichloroethane (32 ug/l) was detected *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane.

One compound of VOCs in sample MW-8 namely 1,1,1-Trichloroethane (20 ug/l) was detected *New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards* criteria of 5 ug/l for 1,1,1-Trichloroethane.

The lab analytical results dated June 29, 2018 was compared with the previous lab analytical results dated November 15, 2017 and findings are described as follows:

The lab analytical results dated June 29, 2018 indicates that 1,1,1-Trichloroethane concentration in monitoring wells MW-1, MW-3, MW-7 appears to be slightly increased and in MW-2, MW-4, MW-5,

MW-6, and MW-8 appears to be slightly decreased. Tetrachloroethene concentration in monitoring wells MW-2 and MW-3 appears to be decreased and in MW-6 appears to be slightly increased.

No SVOCs were detected in samples.

(Please refer to Table 5 for Groundwater Sampling Results/06/29/18, Table 6 for Groundwater Sampling Results/11/15/17 and Laboratory Analytical Report attached in Appendix A).

Groundwater PID Measurements

According to the to the August 2015 SVE System Design Work Plan (SVE) and April 2015 Site Management Report (SMP) concentrations of VOC (via photoionization detector (PID)) should be measured on all on-site monitoring wells MW-1 through MW-8. The PID readings had been measured at all monitoring wells (Please refer to Table 4 for the PID Readings).

Sincerely,

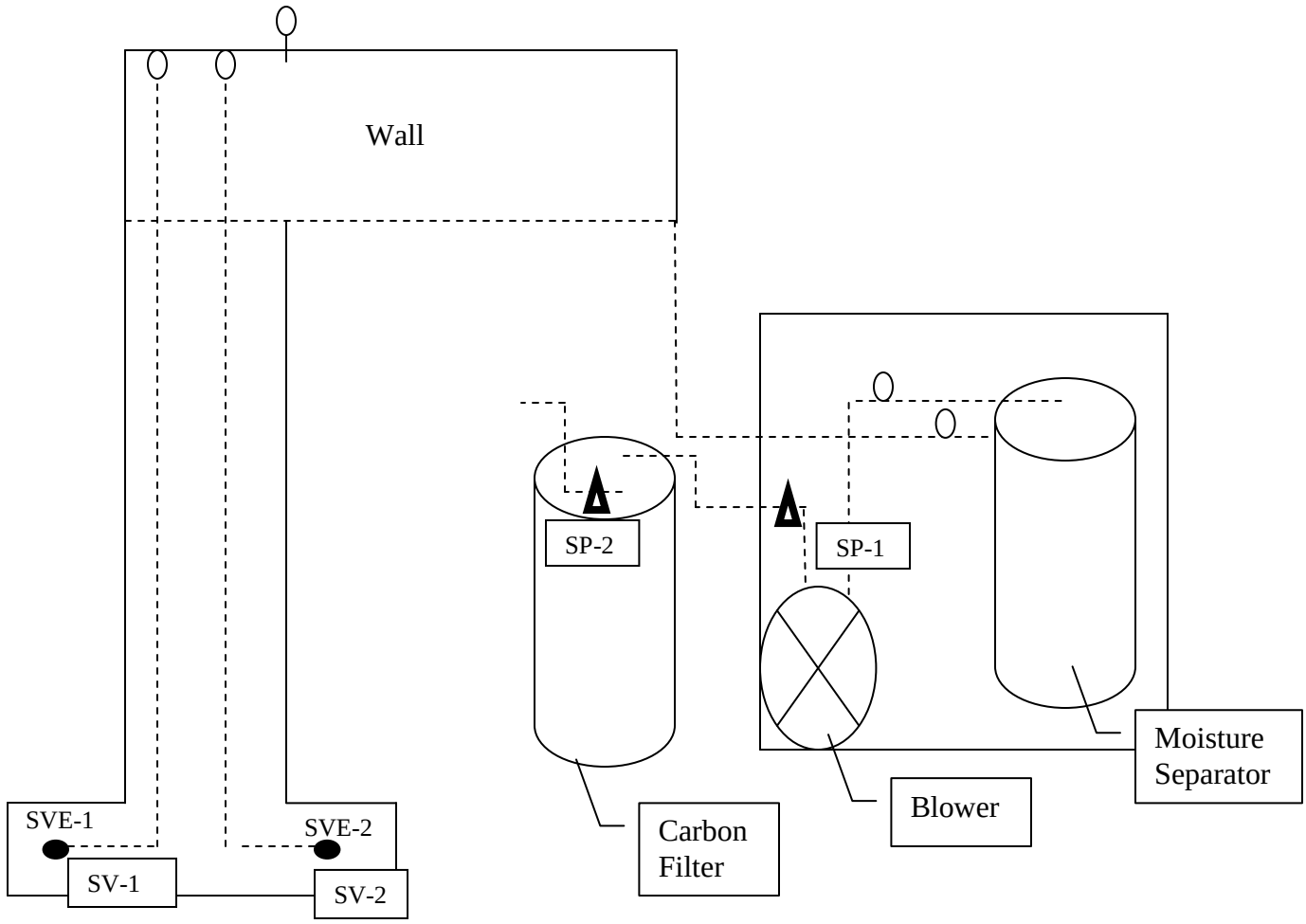
Fulya Toylular
Environmental Scientist

Enclosures:
Figures:
- Figure 1: SVE System Air Sampling Diagram
- Figure 2: Site Map

Tables:
- Table 1: Air Sampling Results (06/29/18)
- Table 2: PID Readings for Air Sampling Locations (06/29/18)
- Table 3: Depth of Groundwater (06/29/18)
- Table 4: PID Readings for MW Locations (06/29/18)
- Table 5: GW Lab Results (06/29/18)
- Table 6: Previous GW Lab Results (11/15/17)

Appendixes:
- Appendix A: Lab Analytical Results
- Appendix B: Photolog

LIST OF FIGURES



LEGEND:

- Soil Vapor Extraction Wells
- Manifold Vacuum Gauges
- System Piping
- Air Sampling Locations

Note: Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

22 OAK STREET
BAY SHORE, NEW YORK 11706

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

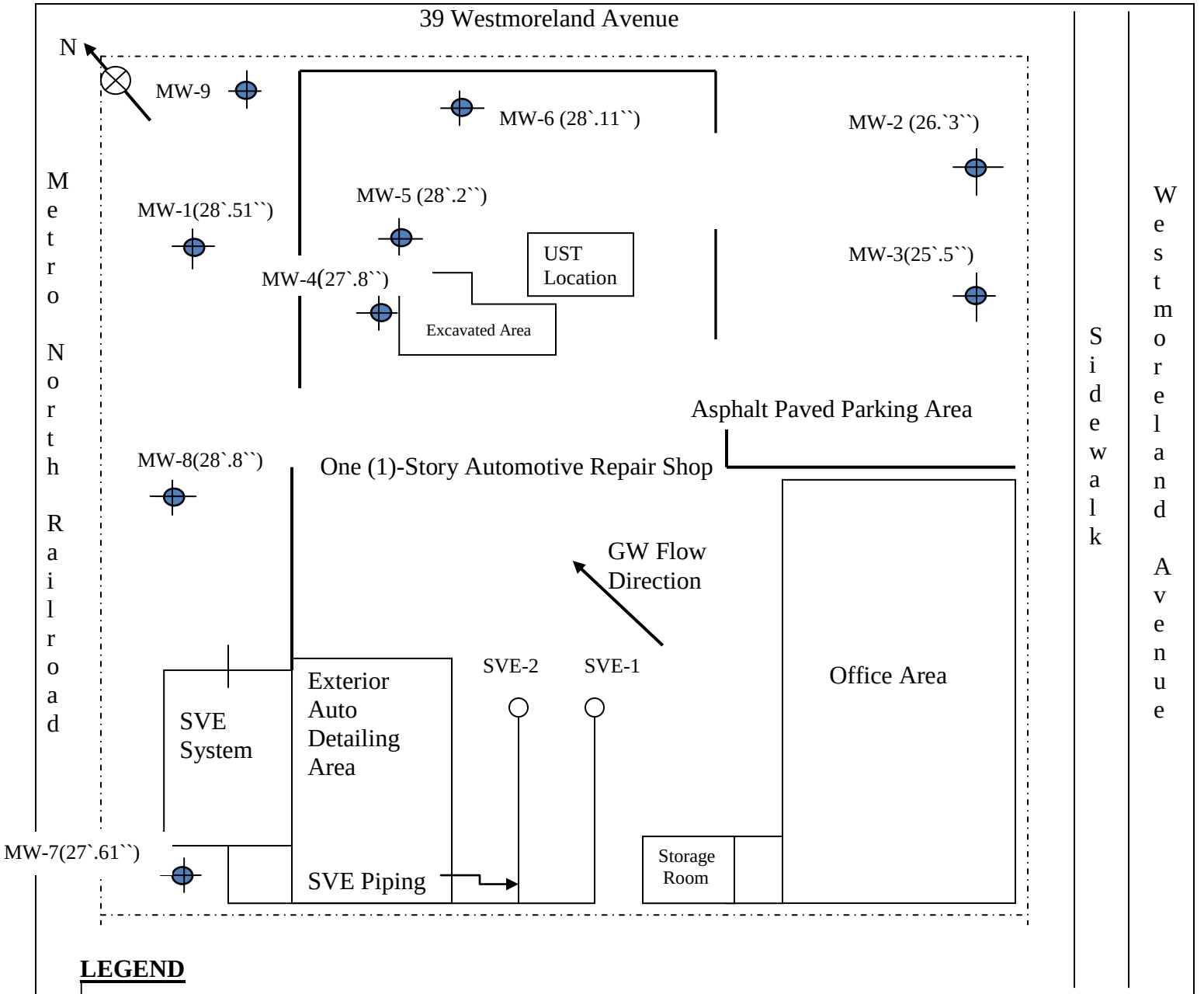
BASIC SVE SYSTEM AIR SAMPLING DIAGRAM

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 1

SVE SYTEM AIR SAMPLING DIAGRAM



LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Point
- (28`.51``) Groundwater Depth
- Property Line

Note: MW-9 was not sampled.

Note: Drawings is not scaled. All locations are approximate.

G. C. ENVIRONMENTAL, INC
CONSULTANTS CONTRACTORS

22 OAK STREET
BAY SHORE, NEW YORK 11706

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

SITE MAP

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 2

SITE MAP

LIST OF TABLES

Table 1-Air Sampling Results

G. C. Environmental, Inc.
101 Westmoreland Avenue,
White Plains, NY 10606

GCE Project No:05-003-00

	Lab Sample Id		CA82310		CA82311		CA82312		CA82313	
	Collection Date		6/29/2018		6/29/2018		6/29/2018		6/29/2018	
	Client Id		SP-1		SP-2		SV-1		SV-2	
	Matrix		Air		Air		Air		Air	
	CAS	Units	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles (TO15) By TO15										
1,1,1,2-Tetrachloroethane	630-20-6	ppbv	< 0.146	0.146	< 0.146	0.146	< 0.146	0.146	< 0.146	0.146
1,1,1-Trichloroethane	71-55-6	ppbv	18.8	0.183	< 0.183	0.183	14.8	0.183	20.8	0.183
1,1,2,2-Tetrachloroethane	79-34-5	ppbv	< 0.146	0.146	< 0.146	0.146	< 0.146	0.146	< 0.146	0.146
1,1,2-Trichloroethane	79-00-5	ppbv	< 0.183	0.183	< 0.183	0.183	< 0.183	0.183	< 0.183	0.183
1,1-Dichloroethane	75-34-3	ppbv	< 0.247	0.247	< 0.247	0.247	< 0.247	0.247	< 0.247	0.247
1,1-Dichloroethene	75-35-4	ppbv	0.188	0.051	0.31	0.051	0.131	0.051	0.16	0.051
1,2,4-Trichlorobenzene	120-82-1	ppbv	< 0.135	0.135	< 0.135	0.135	< 0.135	0.135	< 0.135	0.135
1,2,4-Trimethylbenzene	95-63-6	ppbv	3.78	0.204	0.917	0.204	2.54	0.204	3.03	0.204
1,2-Dibromoethane(EDB)	106-93-4	ppbv	< 0.130	0.130	< 0.130	0.130	< 0.130	0.130	< 0.130	0.130
1,2-Dichlorobenzene	95-50-1	ppbv	< 0.166	0.166	< 0.166	0.166	< 0.166	0.166	< 0.166	0.166
1,2-Dichloroethane	107-06-2	ppbv	< 0.247	0.247	< 0.247	0.247	< 0.247	0.247	< 0.247	0.247
1,2-dichloropropane	78-87-5	ppbv	< 0.217	0.217	< 0.217	0.217	< 0.217	0.217	< 0.217	0.217
1,2-Dichlorotetrafluoroethane	76-14-2	ppbv	< 0.143	0.143	< 0.143	0.143	< 0.143	0.143	< 0.143	0.143
1,3,5-Trimethylbenzene	108-67-8	ppbv	2.57	0.204	0.207	0.204	1.42	0.204	1.78	0.204
1,3-Butadiene	106-99-0	ppbv	< 0.452	0.452	< 0.452	0.452	< 0.452	0.452	< 0.452	0.452
1,3-Dichlorobenzene	541-73-1	ppbv	< 0.166	0.166	< 0.166	0.166	< 0.166	0.166	< 0.166	0.166
1,4-Dichlorobenzene	106-46-7	ppbv	< 0.166	0.166	< 0.166	0.166	< 0.166	0.166	< 0.166	0.166
1,4-Dioxane	123-91-1	ppbv	< 0.278	0.278	< 0.278	0.278	< 0.278	0.278	< 0.278	0.278
2-Hexanone(MBK)	591-78-6	ppbv	< 0.244	0.244	< 0.244	0.244	< 0.244	0.244	< 0.244	0.244
4-Ethyltoluene	622-96-8	ppbv	4.38	0.204	0.795	0.204	3.03	0.204	0.973	0.204
4-Isopropyltoluene	99-87-6	ppbv	0.627	0.182	< 0.182	0.182	0.281	0.182	0.649	0.182
4-Methyl-2-pentanone(MIBK)	108-10-1	ppbv	< 0.244	0.244	< 0.244	0.244	< 0.244	0.244	< 0.244	0.244
Acetone	67-64-1	ppbv	23.2	0.421	98.7	2.11	50.2	6.32	35.8	0.421
Acrylonitrile	107-13-1	ppbv	< 0.461	0.461	< 0.461	0.461	< 0.461	0.461	< 0.461	0.461
Benzene	71-43-2	ppbv	< 0.313	0.313	< 0.313	0.313	< 0.313	0.313	< 0.313	0.313
Benzyl chloride	100-44-7	ppbv	< 0.193	0.193	< 0.193	0.193	< 0.193	0.193	< 0.193	0.193
Bromodichloromethane	75-27-4	ppbv	< 0.149	0.149	< 0.149	0.149	< 0.149	0.149	< 0.149	0.149
Bromoform	75-25-2	ppbv	< 0.097	0.097	< 0.097	0.097	< 0.097	0.097	< 0.097	0.097
Bromomethane	74-83-9	ppbv	< 0.258	0.258	< 0.258	0.258	< 0.258	0.258	< 0.258	0.258
Carbon Disulfide	75-15-0	ppbv	< 0.321	0.321	< 0.321	0.321	< 0.321	0.321	< 0.321	0.321
Carbon Tetrachloride	56-23-5	ppbv	0.088	0.032	< 0.032	0.032	0.075	0.032	0.083	0.032
Chlorobenzene	108-90-7	ppbv	< 0.217	0.217	< 0.217	0.217	< 0.217	0.217	< 0.217	0.217
Chloroethane	75-00-3	ppbv	< 0.379	0.379	< 0.379	0.379	< 0.379	0.379	< 0.379	0.379
Chloroform	67-66-3	ppbv	1.68	0.205	< 0.205	0.205	1.25	0.205	1.84	0.205
Chloromethane	74-87-3	ppbv	< 0.485	0.485	0.902	0.485	< 0.485	0.485	< 0.485	0.485
Cis-1,2-Dichloroethene	156-59-2	ppbv	0.166	0.051	< 0.051	0.051	0.156	0.051	0.099	0.051
cis-1,3-Dichloropropene	10061-01-5	ppbv	< 0.221	0.221	< 0.221	0.221	< 0.221	0.221	< 0.221	0.221
Cyclohexane	110-82-7	ppbv	2.09	0.291	< 0.291	0.291	2	0.291	2.01	0.291
Dibromochloromethane	124-48-1	ppbv	< 0.118	0.118	< 0.118	0.118	< 0.118	0.118	< 0.118	0.118
Dichlorodifluoromethane	75-71-8	ppbv	1.45	0.202	1.25	0.202	1.15	0.202	1.98	0.202
Ethanol	64-17-5	ppbv	1.6	0.531	122	0.531	3.2	0.531	2.24	0.531
Ethyl acetate	141-78-6	ppbv	< 0.278	0.278	< 0.278	0.278	7.09	0.278	< 0.278	0.278
Ethylbenzene	100-41-4	ppbv	0.422	0.230	< 0.230	0.230	0.9	0.230	0.778	0.230
Heptane	142-82-5	ppbv	0.369	0.244	< 0.244	0.244	0.912	0.244	0.806	0.244
Hexachlorobutadiene	87-68-3	ppbv	< 0.094	0.094	< 0.094	0.094	< 0.094	0.094	< 0.094	0.094
Hexane	110-54-3	ppbv	1.56	0.284	< 0.284	0.284	1.7	0.284	1.6	0.284
Isopropylalcohol	67-63-0	ppbv	< 0.407	0.407	8.09	0.407	1.43	0.407	0.704	0.407
Isopropylbenzene	98-82-8	ppbv	< 0.204	0.204	< 0.204	0.204	< 0.204	0.204	< 0.204	0.204
m,p-Xylene	179601-23-1	ppbv	2.05	0.230	0.848	0.230	3.56	0.230	3.27	0.230
Methyl Ethyl Ketone	78-93-3	ppbv	17.7	0.339	20.4	0.339	15.9	0.339	8.54	0.339
Methyl tert-butyl ether(MTBE)	1634-04-4	ppbv	< 0.278	0.278	< 0.278	0.278	< 0.278	0.278	< 0.278	0.278
Methylene Chloride	75-09-2	ppbv	< 0.864	0.864	< 0.864	0.864	1.75	0.864	< 0.864	0.864
n-Butylbenzene	104-51-8	ppbv	0.795	0.182	< 0.182	0.182	0.434	0.182	0.676	0.182
o-Xylene	95-47-6	ppbv	1.6	0.230	0.449	0.230	1.69	0.230	1.75	0.230
Propylene	115-07-1	ppbv	< 0.581	0.581	< 0.581	0.581	0.889	0.581	1.13	0.581
sec-Butylbenzene	135-98-8	ppbv	0.398	0.182	< 0.182	0.182	0.186	0.182	0.28	0.182
Styrene	100-42-5	ppbv	0.485	0.235	0.37	0.235	1.15	0.235	1.1	0.235
Tetrachloroethene	127-18-4	ppbv	132	0.553	1.29	0.037	109	0.553	160	0.369
Tetrahydrofuran	109-99-9	ppbv	55.3	5.09	0.361	0.339	45.2	5.09	36.2	0.339
Toluene	108-88-3	ppbv	3.27	0.266	0.433	0.266	12.2	0.266	8.94	0.266
Trans-1,2-Dichloroethene	156-60-5	ppbv	< 0.252	0.252	< 0.252	0.252	< 0.252	0.252	< 0.252	0.252
trans-1,3-Dichloropropene	10061-02-6	ppbv	< 0.221	0.221	< 0.221	0.221	< 0.221	0.221	< 0.221	0.221
Trichloroethene	79-01-6	ppbv	3.09	0.037	< 0.037	0.037	1.08	0.037	1.63	0.037
Trichlorofluoromethane	75-69-4	ppbv	0.313	0.178	0.611	0.178	0.232	0.178	0.293	0.178
Trichlorotrifluoroethane	76-13-1	ppbv	0.189	0.131	< 0.131	0.131	0.168	0.131	0.217	0.131
Vinyl Chloride	75-01-4	ppbv	< 0.078	0.078	< 0.078	0.078	< 0.078	0.078	< 0.078	0.078
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00

1,1,1-Trichloroethane	71-55-6	ug/m3	103	1.00	< 1.00	1.00	80.7	1.00	113	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	75-35-4	ug/m3	0.74	0.20	1.23	0.20	0.52	0.20	0.63	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	18.6	1.00	4.51	1.00	12.5	1.00	14.9	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	12.6	1.00	1.02	1.00	6.98	1.00	8.75	1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	21.5	1.00	3.91	1.00	14.9	1.00	4.78	1.00
4-Isopropyltoluene	99-87-6	ug/m3	3.44	1.00	< 1.00	1.00	1.54	1.00	3.56	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone	67-64-1	ug/m3	55.1	1.00	234	5.01	119	15.0	85	1.00
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	56-23-5	ug/m3	0.55	0.20	< 0.20	0.20	0.47	0.20	0.52	0.20
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	8.2	1.00	< 1.00	1.00	6.1	1.00	8.98	1.00
Chloromethane	74-87-3	ug/m3	< 1.00	1.00	1.86	1.00	< 1.00	1.00	< 1.00	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	0.66	0.20	< 0.20	0.20	0.62	0.20	0.39	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	7.19	1.00	< 1.00	1.00	6.88	1.00	6.91	1.00
Dibromochloromethane	124-48-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	7.17	1.00	6.18	1.00	5.68	1.00	9.79	1.00
Ethanol	64-17-5	ug/m3	3.01	1.00	230	1.00	6.03	1.00	4.22	1.00
Ethyl acetate	141-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	25.5	1.00	< 1.00	1.00
Ethylbenzene	100-41-4	ug/m3	1.83	1.00	< 1.00	1.00	3.91	1.00	3.38	1.00
Heptane	142-82-5	ug/m3	1.51	1.00	< 1.00	1.00	3.74	1.00	3.3	1.00
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	5.5	1.00	< 1.00	1.00	5.99	1.00	5.64	1.00
Isopropylalcohol	67-63-0	ug/m3	< 1.00	1.00	19.9	1.00	3.51	1.00	1.73	1.00
Isopropylbenzene	98-82-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	179601-23-1	ug/m3	8.9	1.00	3.68	1.00	15.4	1.00	14.2	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	52.2	1.00	60.1	1.00	46.9	1.00	25.2	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	< 3.00	3.00	< 3.00	3.00	6.08	3.00	< 3.00	3.00
n-Butylbenzene	104-51-8	ug/m3	4.36	1.00	< 1.00	1.00	2.38	1.00	3.71	1.00
o-Xylene	95-47-6	ug/m3	6.94	1.00	1.95	1.00	7.33	1.00	7.59	1.00
Propylene	115-07-1	ug/m3	< 1.00	1.00	< 1.00	1.00	1.53	1.00	1.94	1.00
sec-Butylbenzene	135-98-8	ug/m3	2.18	1.00	< 1.00	1.00	1.02	1.00	1.54	1.00
Styrene	100-42-5	ug/m3	2.06	1.00	1.58	1.00	4.9	1.00	4.68	1.00
Tetrachloroethene	127-18-4	ug/m3	895	3.75	8.74	0.25	739	3.75	1,080	2.50
Tetrahydrofuran	109-99-9	ug/m3	163	15.0	1.06	1.00	133	15.0	107	1.00
Toluene	108-88-3	ug/m3	12.3	1.00	1.63	1.00	45.9	1.00	33.7	1.00
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	16.6	0.20	< 0.20	0.20	5.8	0.20	8.75	0.20
Trichlorofluoromethane	75-69-4	ug/m3	1.76	1.00	3.43	1.00	1.3	1.00	1.65	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	1.45	1.00	< 1.00	1.00	1.29	1.00	1.66	1.00
Vinyl Chloride	75-01-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

Result Detected

G. C. Environmental, Inc.
101 Westmoreland Avenue,White Plains, New York
Table 2-PID Readings, June 2018

Monitoring Wells - Onsite	Unit	PID Level Measurement
SP-1 (Blower Discharge)	ppm	0.00
SP-2 (Discharge of the Carbon Vessel)	ppm	0.00
SV-1 (SVE -1)	ppm	0.00
SV-2 (SVE -2)	ppm	0.00

Note:
ppm: part per million

G. C. Environmental, Inc.
101 Westmoreland Avenue,White Plains, New York
Table 3-Depth of GW, June 2018

Monitoring Wells -Onsite	Unit	GW Level Measurement
MW-1	ft	28.51
MW-2	ft	26.3
MW-3	ft	25.5
MW-4	ft	27.8
MW-5	ft	28.2
MW-6	ft	28.11
MW-7	ft	27.61
MW-8	ft	28.8

G. C. Environmental, Inc.
101 Westmoreland Avenue,White Plains, New York
Table 4-PID Readings, June 2018

Monitoring Wells -On-site	Unit	PID Level Measurement
MW-1	ppm	0.00
MW-2	ppm	0.00
MW-3	ppm	0.00
MW-4	ppm	0.00
MW-5	ppm	0.00
MW-6	ppm	0.00
MW-7	ppm	0.00
MW-8	ppm	0.00

Table 5-GW Results G. C. Environmental, Inc. 101 Westmoreland Avenue, White Plains, NY 10606 Project Id : 05-003-00	Lab Sample Id Collection Date Client Id Matrix CAS	Units	TOGS-WQ/GA	CA82314 6/29/2018 MW-1 Ground Water		CA82315 6/29/2018 MW-2 Ground Water		CA82316 6/29/2018 MW-3 Ground Water		CA82317 6/29/2018 MW-4 Ground Water		CA82318 6/29/2018 MW-5 Ground Water		CA82319 6/29/2018 MW-6 Ground Water		CA82320 6/29/2018 MW-7 Ground Water		CA82321 6/29/2018 MW-8 Ground Water	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260C																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	36	2.0	8.6	1.0	6.7	1.0	10	1.0	6.9	1.0	6.1	1.0	32	2.0	20	1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethene	75-35-4	ug/L	5	4.2	1.0	< 1.0	1.0	< 1.0	1.0	1.4	1.0	1.3	1.0	1.1	1.0	2.3	1.0	1.9	1.0
1,1-Dichloropropene	563-58-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	95-50-1	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	107-06-2	ug/L	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	78-87-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	142-28-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	106-46-7	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	594-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	95-49-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone	591-78-6	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	106-43-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone	108-10-1	ug/L		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acetone	67-64-1	ug/L	50	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25
Acrylonitrile	107-13-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Benzene	71-43-2	ug/L	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	108-86-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	74-97-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	75-27-4	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Bromoform	75-25-2	ug/L	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromomethane	74-83-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon Disulfide	75-15-0	ug/L		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon tetrachloride	56-23-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	108-90-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroethane	75-00-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroform	67-66-3	ug/L	7	2.2	1.0	1.2	1.0	< 1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.3	1.0
Chloromethane	74-87-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	124-48-1	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Dibromomethane	74-95-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	75-71-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	100-41-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Isopropylbenzene	98-82-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylene	179601-23-1	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl ethyl ketone	78-93-3	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	75-09-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Naphthalene	91-20-3	ug/L	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	104-51-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	103-65-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	95-47-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	99-87-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	135-98-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	100-42-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	98-06-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	127-18-4	ug/L	5	1.4	1.0	16	1.0	6.2	1.0	1.8	1.0	2.7	1.0	9.6	1.0	1	1.0	1.4	1.0
Tetrahydrofuran (THF)	109-99-9	ug/L	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Toluene	108-88-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total Xylenes	1330-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Trichloroethene	79-01-6	ug/L	5	1.2	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	75-69-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	75-01-4	ug/L	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Semivolatiles, SIM By SW8270D (SIM)																			
Acenaphthylene	208-96-8	ug/L		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benz(a)anthracene	56-55-3	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(a)pyrene	50-32-8	ug/L		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(b)fluoranthene	205-99-2	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(k)fluoranthene	207-08-9	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Chrysene	218-01-9	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Dibenz(a,h)anthracene	53-70-3	ug/L		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobenzene	118-74-1	ug/L	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Nitrobenzene	98-95-3	ug/L	0.4	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38
Phenanthrene	85-01-8	ug/L	50	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	0.06	0.05	< 0.05	0.05	< 0.05	0.05
Semivolatiles, Full Scan By SW8270D																			
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
1,2-Dichlorobenzene	95-50-1	ug/L		< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8
1,2-Diphenylhydrazine	122-66-7	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8
1,4-Dichlorobenzene	106-46-7	ug/L		< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8

2,4-Dinitrotoluene	121-14-2	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
2,6-Dinitrotoluene	606-20-2	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
2-Chloronaphthalene	91-58-7	ug/L	10	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
2-Methylnaphthalene	91-57-6	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
2-Nitroaniline	88-74-4	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
3,3'-Dichlorobenzidine	91-94-1	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
3-Nitroaniline	99-09-2	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
4-Chloroaniline	106-47-8	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
4-Nitroaniline	100-01-6	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Acenaphthene	83-32-9	ug/L	20	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Anthracene	120-12-7	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Benzidine	92-87-5	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Benzo(ghi)perylene	191-24-2	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Benzoic acid	65-85-0	ug/L		< 47	47	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47
Benzyl Alcohol	100-51-6	ug/L		< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19
Benzyl butyl phthalate	85-68-7	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Bis(2-chloroethyl)ether	111-44-4	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94
Bis(2-chloroisopropyl)ether	39638-32-9	ug/L		< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Dibenzofuran	132-64-9	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Diethyl phthalate	84-66-2	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Dimethylphthalate	131-11-3	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Di-n-butylphthalate	84-74-2	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Di-n-octylphthalate	117-84-0	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Fluoranthene	206-44-0	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Fluorene	86-73-7	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Hexachlorocyclopentadiene	77-47-4	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Hexachloroethane	67-72-1	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Isophorone	78-59-1	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Naphthalene	91-20-3	ug/L	10	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
N-Nitrosodimethylamine	62-75-9	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
N-Nitrosodi-n-propylamine	621-64-7	ug/L		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
N-Nitrosodiphenylamine	86-30-6	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Pyrene	129-00-0	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 6-GW Results

G. C. Environmental, Inc.
101 Westmoreland Avenue,
White Plains, NY 10606

Project Id : 05-003-00

	Lab Sample Id			BZ43477		BZ43478		BZ43479		BZ43480		BZ43481		BZ43482		BZ43483		BZ43484	
	Collection Date			11/15/2017		11/15/2017		11/15/2017		11/15/2017		11/15/2017		11/15/2017		11/15/2017		11/15/2017	
	Client Id			MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-8	
	Matrix			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
	CAS	Units	TOGS-WQ/GA	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260C																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	13	1.0	29	1.0	5.7	1.0	10	1.0	9.8	1.0	16	1.0	31	1.0	23	1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	1	1.0	< 1.0	1.0	< 1.0	1.0	2	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethene	75-35-4	ug/L	5	2.8	1.0	< 1.0	1.0	< 1.0	1.0	1.6	1.0	1.3	1.0	3.5	1.0	2.1	1.0	2.1	1.0
1,1-Dichloropropene	563-58-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	95-50-1	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	107-06-2	ug/L	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	78-87-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	142-28-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	106-46-7	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	594-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	95-49-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone	591-78-6	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	106-43-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone	108-10-1	ug/L		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acetone	67-64-1	ug/L	50	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25
Acrylonitrile	107-13-1	ug/L	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	71-43-2	ug/L	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	108-86-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	74-97-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	75-27-4	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Bromoform	75-25-2	ug/L	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromomethane	74-83-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon Disulfide	75-15-0	ug/L		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon tetrachloride	56-23-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	108-90-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroethane	75-00-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1	1.0	< 1.0	1.0	< 1.0	1.0	2.7	1.0
Chloroform	67-66-3	ug/L	7	1.3	1.0	2.8	1.0	1.4	1.0	1.2	1.0	1.3	1.0	1.8	1.0	1.4	1.0	1.4	1.0
Chloromethane	74-87-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	124-48-1	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Dibromomethane	74-95-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	75-71-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	100-41-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Isopropylbenzene	98-82-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylene	179601-23-1	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl ethyl ketone	78-93-3	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	75-09-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Naphthalene	91-20-3	ug/L	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	104-51-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	103-65-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	95-47-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	99-87-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	135-98-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	100-42-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	98-06-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	127-18-4	ug/L	5	1.5	1.0	17	1.0	13	1.0	2.2	1.0	3	1.0	8.9	1.0	< 1.0	1.0	1.6	1.0
Tetrahydrofuran (THF)	109-99-9	ug/L	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Toluene	108-88-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1.9	1.0	< 1.0	1.0	< 1.0	1.0
Total Xylenes	1330-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Trichloroethene	79-01-6	ug/L	5	1.2	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	75-69-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 1.0	1.0	1.1	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	75-01-4	ug/L	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Semivolatiles, SIM By SW8270D (SIM)																			
Acenaphthylene	208-96-8	ug/L		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benz(a)anthracene	56-55-3	ug/L	0.002	0.03	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.05	0.02	< 0.02	0.02
Benzo(a)pyrene	50-32-8	ug/L		0.03	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.04	0.02	< 0.02	0.02
Benzo(b)fluoranthene	205-99-2	ug/L	0.002	0.03	0.02	< 0.02	0.02	0.03	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.07	0.02	< 0.02	0.02
Benzo(k)fluoranthene	207-08-9	ug/L	0.002	0.02	0.02	< 0.02	0.02	0.03	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.05	0.02	< 0.02	0.02
Chrysene	218-01-9	ug/L	0.002	0.03	0.02	< 0.02	0.02	0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.05	0.02	< 0.02	0.02
Dibenz(a,h)anthracene	53-70-3	ug/L		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobenzene	118-74-1	ug/L	0.04	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.47	0.47	< 0.48	0.48	< 0.48	0.48	< 0.47	0.47	< 0.49	0.49	< 0.47	0.47	< 0.48	0.48	< 0.47	0.47
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Nitrobenzene	98-95-3	ug/L	0.4	< 0.38	0.38	< 0.38	0.38	< 0.39	0.39	< 0.38	0.38	< 0.39	0.39	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38
Phenanthrene	85-01-8	ug/L	50	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05	< 0.05	0.05
Semivolatiles, Full Scan By SW8270D																			

1,2,4-Trichlorobenzene	120-82-1	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
1,2-Dichlorobenzene	95-50-1	ug/L		< 2.8	2.8	< 2.9	2.9	< 2.9	2.9	< 2.8	2.8	< 2.9	2.9	< 2.8	2.8	< 2.9	2.9	< 2.8	2.8
1,2-Diphenylhydrazine	122-66-7	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 2.8	2.8	< 2.9	2.9	< 2.9	2.9	< 2.8	2.8	< 2.9	2.9	< 2.8	2.8	< 2.9	2.9	< 2.8	2.8
1,4-Dichlorobenzene	106-46-7	ug/L		< 2.8	2.8	< 2.9	2.9	< 2.9	2.9	< 2.8	2.8	< 2.9	2.9	< 2.8	2.8	< 2.9	2.9	< 2.8	2.8
2,4-Dinitrotoluene	121-14-2	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
2,6-Dinitrotoluene	606-20-2	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
2-Chloronaphthalene	91-58-7	ug/L	10	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
2-Methylnaphthalene	91-57-6	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
2-Nitroaniline	88-74-4	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
3,3'-Dichlorobenzidine	91-94-1	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
3-Nitroaniline	99-09-2	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
4-Chloroaniline	106-47-8	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
4-Nitroaniline	100-01-6	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Acenaphthene	83-32-9	ug/L	20	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Anthracene	120-12-7	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Benzidine	92-87-5	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Benzo(ghi)perylene	191-24-2	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Benzoic acid	65-85-0	ug/L		< 47	47	< 48	48	< 48	48	< 47	47	< 49	49	< 47	47	< 48	48	< 47	47
Benzyl Alcohol	100-51-6	ug/L		< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19
Benzyl butyl phthalate	85-68-7	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Bis(2-chloroethyl)ether	111-44-4	ug/L	1	< 0.94	0.94	< 0.96	0.96	< 0.97	0.97	< 0.95	0.95	< 0.97	0.97	< 0.94	0.94	< 0.96	0.96	< 0.94	0.94
Bis(2-chloroisopropyl)ether	39638-32-9	ug/L		< 0.94	0.94	< 0.96	0.96	< 0.97	0.97	< 0.95	0.95	< 0.97	0.97	< 0.94	0.94	< 0.96	0.96	< 0.94	0.94
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Dibenzofuran	132-64-9	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Diethyl phthalate	84-66-2	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Dimethylphthalate	131-11-3	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Di-n-butylphthalate	84-74-2	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Di-n-octylphthalate	117-84-0	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Fluoranthene	206-44-0	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Fluorene	86-73-7	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Hexachlorocyclopentadiene	77-47-4	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Hexachloroethane	67-72-1	ug/L	5	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Isophorone	78-59-1	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Naphthalene	91-20-3	ug/L	10	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
N-Nitrosodimethylamine	62-75-9	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
N-Nitrosodi-n-propylamine	621-64-7	ug/L		< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
N-Nitrosodiphenylamine	86-30-6	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7
Pyrene	129-00-0	ug/L	50	< 4.7	4.7	< 4.8	4.8	< 4.8	4.8	< 4.7	4.7	< 4.9	4.9	< 4.7	4.7	< 4.8	4.8	< 4.7	4.7

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

APPENDIX A
Lab Analytical Results

PHOENIX
Environmental Laboratories, Inc.

Thursday, July 05, 2018

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

Project ID: 05-003-00
Sample ID#s: CA82310 - CA82313

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.

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 #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
UT Lab Registration #CT00007
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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 05, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FT	06/29/18	10:30
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11045				
Canister Id:	11291				

Laboratory Data

SDG ID: GCA82310
Phoenix ID: CA82310

Project ID: 05-003-00
Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/03/18	KCA	1	1
1,1,1-Trichloroethane	18.8	*0.183*	103	*1.00*	07/03/18	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/03/18	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethene	0.188	*0.051*	0.74	*0.20*	07/03/18	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/03/18	KCA	1	
1,2,4-Trimethylbenzene	3.78	*0.204*	18.6	*1.00*	07/03/18	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/03/18	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/03/18	KCA	1	
1,3,5-Trimethylbenzene	2.57	*0.204*	12.6	*1.00*	07/03/18	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/03/18	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/03/18	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	07/03/18	KCA	1	1
4-Ethyltoluene	4.38	*0.204*	21.5	*1.00*	07/03/18	KCA	1	1
4-Isopropyltoluene	0.627	*0.182*	3.44	*1.00*	07/03/18	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	07/03/18	KCA	1	
Acetone	23.2	*0.421*	55.1	*1.00*	07/03/18	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/03/18	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	07/03/18	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SP-1

Phoenix I.D.: CA82310

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	07/03/18	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	07/03/18	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	07/03/18	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	07/03/18	KCA	1	
Carbon Tetrachloride	0.088		*0.032*	0.55	*0.20*	07/03/18	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	07/03/18	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	07/03/18	KCA	1	
Chloroform	1.68		*0.205*	8.20	*1.00*	07/03/18	KCA	1	
Chloromethane	ND		*0.485*	ND	*1.00*	07/03/18	KCA	1	
Cis-1,2-Dichloroethene	0.166		*0.051*	0.66	*0.20*	07/03/18	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Cyclohexane	2.09		*0.291*	7.19	*1.00*	07/03/18	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	07/03/18	KCA	1	
Dichlorodifluoromethane	1.45		*0.202*	7.17	*1.00*	07/03/18	KCA	1	
Ethanol	1.60		*0.531*	3.01	*1.00*	07/03/18	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	1
Ethylbenzene	0.422		*0.230*	1.83	*1.00*	07/03/18	KCA	1	
Heptane	0.369		*0.244*	1.51	*1.00*	07/03/18	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	07/03/18	KCA	1	
Hexane	1.56	S	*0.284*	5.50	*1.00*	07/03/18	KCA	1	
Isopropylalcohol	ND		*0.407*	ND	*1.00*	07/03/18	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	07/03/18	KCA	1	
m,p-Xylene	2.05		*0.230*	8.90	*1.00*	07/03/18	KCA	1	
Methyl Ethyl Ketone	17.7		*0.339*	52.2	*1.00*	07/03/18	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	
Methylene Chloride	ND		*0.864*	ND	*3.00*	07/03/18	KCA	1	
n-Butylbenzene	0.795		*0.182*	4.36	*1.00*	07/03/18	KCA	1	1
o-Xylene	1.60		*0.230*	6.94	*1.00*	07/03/18	KCA	1	
Propylene	ND		*0.581*	ND	*1.00*	07/03/18	KCA	1	1
sec-Butylbenzene	0.398		*0.182*	2.18	*1.00*	07/03/18	KCA	1	1
Styrene	0.485		*0.235*	2.06	*1.00*	07/03/18	KCA	1	
Tetrachloroethene	132		*0.553*	895	*3.75*	07/03/18	KCA	15	
Tetrahydrofuran	55.3		*5.09*	163	*15.0*	07/03/18	KCA	15	1
Toluene	3.27		*0.266*	12.3	*1.00*	07/03/18	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	07/03/18	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Trichloroethene	3.09		*0.037*	16.6	*0.20*	07/03/18	KCA	1	
Trichlorofluoromethane	0.313		*0.178*	1.76	*1.00*	07/03/18	KCA	1	
Trichlorotrifluoroethane	0.189		*0.131*	1.45	*1.00*	07/03/18	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	07/03/18	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	101		*%*	101	*%*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SP-1

Phoenix I.D.: CA82310

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (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 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:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director

July 05, 2018

Reviewed and Released by: Greg Lawrence, Assistant Lab 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 05, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FT	06/29/18	9:00
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11045				
Canister Id:	11288				

Laboratory Data

SDG ID: GCA82310
Phoenix ID: CA82311

Project ID: 05-003-00
Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/03/18	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	07/03/18	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/03/18	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethene	0.310	*0.051*	1.23	*0.20*	07/03/18	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/03/18	KCA	1	
1,2,4-Trimethylbenzene	0.917	*0.204*	4.51	*1.00*	07/03/18	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/03/18	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/03/18	KCA	1	
1,3,5-Trimethylbenzene	0.207	*0.204*	1.02	*1.00*	07/03/18	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/03/18	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/03/18	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	07/03/18	KCA	1	1
4-Ethyltoluene	0.795	*0.204*	3.91	*1.00*	07/03/18	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	07/03/18	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	07/03/18	KCA	1	
Acetone	98.7	*2.11*	234	*5.01*	07/03/18	KCA	5	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/03/18	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	07/03/18	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SP-2

Phoenix I.D.: CA82311

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	07/03/18	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	07/03/18	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	07/03/18	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	07/03/18	KCA	1	
Carbon Tetrachloride	ND		*0.032*	ND	*0.20*	07/03/18	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	07/03/18	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	07/03/18	KCA	1	
Chloroform	ND		*0.205*	ND	*1.00*	07/03/18	KCA	1	
Chloromethane	0.902		*0.485*	1.86	*1.00*	07/03/18	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	07/03/18	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	07/03/18	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	07/03/18	KCA	1	
Dichlorodifluoromethane	1.25		*0.202*	6.18	*1.00*	07/03/18	KCA	1	
Ethanol	122	E	*0.531*	230	*1.00*	07/03/18	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	1
Ethylbenzene	ND		*0.230*	ND	*1.00*	07/03/18	KCA	1	
Heptane	ND		*0.244*	ND	*1.00*	07/03/18	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	07/03/18	KCA	1	
Hexane	ND		*0.284*	ND	*1.00*	07/03/18	KCA	1	
Isopropylalcohol	8.09		*0.407*	19.9	*1.00*	07/03/18	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	07/03/18	KCA	1	
m,p-Xylene	0.848		*0.230*	3.68	*1.00*	07/03/18	KCA	1	
Methyl Ethyl Ketone	20.4		*0.339*	60.1	*1.00*	07/03/18	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	
Methylene Chloride	ND		*0.864*	ND	*3.00*	07/03/18	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	07/03/18	KCA	1	1
o-Xylene	0.449		*0.230*	1.95	*1.00*	07/03/18	KCA	1	
Propylene	ND		*0.581*	ND	*1.00*	07/03/18	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	07/03/18	KCA	1	1
Styrene	0.370		*0.235*	1.58	*1.00*	07/03/18	KCA	1	
Tetrachloroethene	1.29		*0.037*	8.74	*0.25*	07/03/18	KCA	1	
Tetrahydrofuran	0.361		*0.339*	1.06	*1.00*	07/03/18	KCA	1	1
Toluene	0.433		*0.266*	1.63	*1.00*	07/03/18	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	07/03/18	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Trichloroethene	ND		*0.037*	ND	*0.20*	07/03/18	KCA	1	
Trichlorofluoromethane	0.611		*0.178*	3.43	*1.00*	07/03/18	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	07/03/18	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	07/03/18	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	89		*%*	89	*%*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SP-2

Phoenix I.D.: CA82311

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (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 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:

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Phyllis Shiller, Laboratory Director

July 05, 2018

Reviewed and Released by: Greg Lawrence, Assistant Lab 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 05, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FT	06/29/18	10:00
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11045				
Canister Id:	23326				

Laboratory Data

SDG ID: GCA82310
Phoenix ID: CA82312

Project ID: 05-003-00
Client ID: SV-1

Parameter	ppbv Result	ppbv RL		ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	*0.146*		ND	*1.00*	07/03/18	KCA	1	1
1,1,1-Trichloroethane	14.8	*0.183*		80.7	*1.00*	07/03/18	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*		ND	*1.00*	07/03/18	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*		ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethane	ND	*0.247*		ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethene	0.131	*0.051*		0.52	*0.20*	07/03/18	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*		ND	*1.00*	07/03/18	KCA	1	
1,2,4-Trimethylbenzene	2.54	*0.204*		12.5	*1.00*	07/03/18	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*		ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*		ND	*1.00*	07/03/18	KCA	1	
1,2-Dichloroethane	ND	*0.247*		ND	*1.00*	07/03/18	KCA	1	
1,2-dichloropropane	ND	*0.217*		ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*		ND	*1.00*	07/03/18	KCA	1	
1,3,5-Trimethylbenzene	1.42	*0.204*		6.98	*1.00*	07/03/18	KCA	1	
1,3-Butadiene	ND	*0.452*		ND	*1.00*	07/03/18	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*		ND	*1.00*	07/03/18	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*		ND	*1.00*	07/03/18	KCA	1	
1,4-Dioxane	ND	*0.278*		ND	*1.00*	07/03/18	KCA	1	
2-Hexanone(MBK)	ND	*0.244*		ND	*1.00*	07/03/18	KCA	1	1
4-Ethyltoluene	3.03	*0.204*		14.9	*1.00*	07/03/18	KCA	1	1
4-Isopropyltoluene	0.281	*0.182*		1.54	*1.00*	07/03/18	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*		ND	*1.00*	07/03/18	KCA	1	
Acetone	50.2	S *6.32*		119	*15.0*	07/03/18	KCA	15	
Acrylonitrile	ND	*0.461*		ND	*1.00*	07/03/18	KCA	1	
Benzene	ND	*0.313*		ND	*1.00*	07/03/18	KCA	1	
Benzyl chloride	ND	*0.193*		ND	*1.00*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SV-1

Phoenix I.D.: CA82312

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	07/03/18	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	07/03/18	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	07/03/18	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	07/03/18	KCA	1	
Carbon Tetrachloride	0.075		*0.032*	0.47	*0.20*	07/03/18	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	07/03/18	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	07/03/18	KCA	1	
Chloroform	1.25		*0.205*	6.10	*1.00*	07/03/18	KCA	1	
Chloromethane	ND		*0.485*	ND	*1.00*	07/03/18	KCA	1	
Cis-1,2-Dichloroethene	0.156		*0.051*	0.62	*0.20*	07/03/18	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Cyclohexane	2.00		*0.291*	6.88	*1.00*	07/03/18	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	07/03/18	KCA	1	
Dichlorodifluoromethane	1.15		*0.202*	5.68	*1.00*	07/03/18	KCA	1	
Ethanol	3.20		*0.531*	6.03	*1.00*	07/03/18	KCA	1	1
Ethyl acetate	7.09		*0.278*	25.5	*1.00*	07/03/18	KCA	1	1
Ethylbenzene	0.900		*0.230*	3.91	*1.00*	07/03/18	KCA	1	
Heptane	0.912		*0.244*	3.74	*1.00*	07/03/18	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	07/03/18	KCA	1	
Hexane	1.70	S	*0.284*	5.99	*1.00*	07/03/18	KCA	1	
Isopropylalcohol	1.43		*0.407*	3.51	*1.00*	07/03/18	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	07/03/18	KCA	1	
m,p-Xylene	3.56		*0.230*	15.4	*1.00*	07/03/18	KCA	1	
Methyl Ethyl Ketone	15.9		*0.339*	46.9	*1.00*	07/03/18	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	
Methylene Chloride	1.75	S	*0.864*	6.08	*3.00*	07/03/18	KCA	1	
n-Butylbenzene	0.434		*0.182*	2.38	*1.00*	07/03/18	KCA	1	1
o-Xylene	1.69		*0.230*	7.33	*1.00*	07/03/18	KCA	1	
Propylene	0.889		*0.581*	1.53	*1.00*	07/03/18	KCA	1	1
sec-Butylbenzene	0.186		*0.182*	1.02	*1.00*	07/03/18	KCA	1	1
Styrene	1.15		*0.235*	4.90	*1.00*	07/03/18	KCA	1	
Tetrachloroethene	109		*0.553*	739	*3.75*	07/03/18	KCA	15	
Tetrahydrofuran	45.2		*5.09*	133	*15.0*	07/03/18	KCA	15	1
Toluene	12.2		*0.266*	45.9	*1.00*	07/03/18	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	07/03/18	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Trichloroethene	1.08		*0.037*	5.80	*0.20*	07/03/18	KCA	1	
Trichlorofluoromethane	0.232		*0.178*	1.30	*1.00*	07/03/18	KCA	1	
Trichlorotrifluoroethane	0.168		*0.131*	1.29	*1.00*	07/03/18	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	07/03/18	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	93		*%*	93	*%*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SV-1

Phoenix I.D.: CA82312

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (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 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:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director

July 05, 2018

Reviewed and Released by: Greg Lawrence, Assistant Lab 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 05, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	FT	06/29/18	10:10
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11045				
Canister Id:	19844				

Laboratory Data

SDG ID: GCA82310
Phoenix ID: CA82313

Project ID: 05-003-00
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/03/18	KCA	1	1
1,1,1-Trichloroethane	20.8	*0.183*	113	*1.00*	07/03/18	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/03/18	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/03/18	KCA	1	
1,1-Dichloroethene	0.160	*0.051*	0.63	*0.20*	07/03/18	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/03/18	KCA	1	
1,2,4-Trimethylbenzene	3.03	*0.204*	14.9	*1.00*	07/03/18	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/03/18	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	07/03/18	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/03/18	KCA	1	
1,3,5-Trimethylbenzene	1.78	*0.204*	8.75	*1.00*	07/03/18	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/03/18	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/03/18	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/03/18	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	07/03/18	KCA	1	1
4-Ethyltoluene	0.973	*0.204*	4.78	*1.00*	07/03/18	KCA	1	1
4-Isopropyltoluene	0.649	*0.182*	3.56	*1.00*	07/03/18	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	07/03/18	KCA	1	
Acetone	35.8	*0.421*	85.0	*1.00*	07/03/18	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/03/18	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	07/03/18	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/03/18	KCA	1	

Ver 1

Project ID: 05-003-00
Client ID: SV-2

Phoenix I.D.: CA82313

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	07/03/18	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	07/03/18	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	07/03/18	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	07/03/18	KCA	1	
Carbon Tetrachloride	0.083		*0.032*	0.52	*0.20*	07/03/18	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	07/03/18	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	07/03/18	KCA	1	
Chloroform	1.84		*0.205*	8.98	*1.00*	07/03/18	KCA	1	
Chloromethane	ND		*0.485*	ND	*1.00*	07/03/18	KCA	1	
Cis-1,2-Dichloroethene	0.099		*0.051*	0.39	*0.20*	07/03/18	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Cyclohexane	2.01		*0.291*	6.91	*1.00*	07/03/18	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	07/03/18	KCA	1	
Dichlorodifluoromethane	1.98		*0.202*	9.8	*1.00*	07/03/18	KCA	1	
Ethanol	2.24		*0.531*	4.22	*1.00*	07/03/18	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	1
Ethylbenzene	0.778		*0.230*	3.38	*1.00*	07/03/18	KCA	1	
Heptane	0.806		*0.244*	3.30	*1.00*	07/03/18	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	07/03/18	KCA	1	
Hexane	1.60	S	*0.284*	5.64	*1.00*	07/03/18	KCA	1	
Isopropylalcohol	0.704		*0.407*	1.73	*1.00*	07/03/18	KCA	1	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	07/03/18	KCA	1	
m,p-Xylene	3.27		*0.230*	14.2	*1.00*	07/03/18	KCA	1	
Methyl Ethyl Ketone	8.54		*0.339*	25.2	*1.00*	07/03/18	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	07/03/18	KCA	1	
Methylene Chloride	ND		*0.864*	ND	*3.00*	07/03/18	KCA	1	
n-Butylbenzene	0.676		*0.182*	3.71	*1.00*	07/03/18	KCA	1	1
o-Xylene	1.75		*0.230*	7.59	*1.00*	07/03/18	KCA	1	
Propylene	1.13		*0.581*	1.94	*1.00*	07/03/18	KCA	1	1
sec-Butylbenzene	0.280		*0.182*	1.54	*1.00*	07/03/18	KCA	1	1
Styrene	1.10		*0.235*	4.68	*1.00*	07/03/18	KCA	1	
Tetrachloroethene	160		*0.369*	1080	*2.50*	07/03/18	KCA	10	
Tetrahydrofuran	36.2		*0.339*	107	*1.00*	07/03/18	KCA	1	1
Toluene	8.94		*0.266*	33.7	*1.00*	07/03/18	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	07/03/18	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	07/03/18	KCA	1	
Trichloroethene	1.63		*0.037*	8.75	*0.20*	07/03/18	KCA	1	
Trichlorofluoromethane	0.293		*0.178*	1.65	*1.00*	07/03/18	KCA	1	
Trichlorotrifluoroethane	0.217		*0.131*	1.66	*1.00*	07/03/18	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	07/03/18	KCA	1	
QA/QC Surrogates									
% Bromofluorobenzene	104		*%*	104	*%*	07/03/18	KCA	1	

Project ID: 05-003-00
Client ID: SV-2

Phoenix I.D.: CA82313

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (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 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:

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director

July 05, 2018

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 05, 2018

QA/QC Data

SDG I.D.: GCA82310

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 437357 (ppbv), QC Sample No: CA80115 (CA82313 (10X))												
Volatiles												
Tetrachloroethene	ND	0.500	ND	3.39	107	90.8	90.8	13.4	13.4	0.0	70 - 130	25
QA/QC Batch 437262 (ppbv), QC Sample No: CA81752 (CA82313)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	102	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	106	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	149	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	106	17.1	17.0	3.49	3.47	0.6	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	116	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	107	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	108	5.85	5.75	1.19	1.17	1.7	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	108	6.85	6.97	1.14	1.16	1.7	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	113	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	104	19.6	20.3	4.79	4.96	3.5	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	102	3.34	3.57	0.680	0.727	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	104	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	101	3.70	3.60	0.904	0.879	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	108	696	707	293	298	1.7	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	105	4.66	4.60	1.46	1.44	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	110	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	123	21.6	21.5	6.93	6.92	0.1	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	98	9.08	8.74	2.64	2.54	3.9	70 - 130	25

QA/QC Data

SDG I.D.: GCA82310

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Dibromochloromethane	ND	0.120	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	108	2.69	2.82	0.544	0.570	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	123	161	154	85.4	81.6	4.6	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	115	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	108	7.29	7.46	1.68	1.72	2.4	70 - 130	25
Heptane	ND	0.240	ND	0.98	97	15.8	15.7	3.86	3.83	0.8	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	106	27.6	28.8	7.83	8.19	4.5	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	94	11.9	11.5	4.84	4.68	3.4	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	101	1.37	1.27	0.278	0.258	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	109	29.2	29.7	6.74	6.85	1.6	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	72	46.3	46.9	15.7	15.9	1.3	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	107	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	110	1.55	1.68	0.282	0.307	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	107	18.5	18.4	4.26	4.24	0.5	70 - 130	25
Propylene	ND	0.580	ND	1.00	104	256	253	149	147	1.4	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	104	2.08	2.01	0.488	0.473	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	105	24.5	25.2	6.51	6.70	2.9	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	112	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	107	1.85	1.88	0.329	0.334	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	104	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	101		101		101	98	97	98	97	NC	70 - 130	25
QA/QC Batch 437229 (ppbv), QC Sample No: CA82312 (CA82310 (1X, 15X) , CA82311 (1X, 5X) , CA82312 (1X, 15X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	97	80.7	81.8	14.8	15.0	1.3	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	97	0.52	0.48	0.131	0.121	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	109	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	106	12.5	12.7	2.54	2.59	1.9	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	116	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	104	6.98	6.78	1.42	1.38	2.9	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	134	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	105	14.9	15.1	3.03	3.08	1.6	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	102	1.54	1.57	0.281	0.287	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCA82310

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Acetone	ND	0.420	ND	1.00	99	111	111	46.9	46.9	0.0	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	97	0.47	0.44	0.075	0.070	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	114	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	101	6.10	6.15	1.25	1.26	0.8	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	108	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	105	0.62	0.57	0.156	0.145	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	112	6.88	6.81	2.00	1.98	1.0	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	112	5.68	5.44	1.15	1.10	4.4	70 - 130	25
Ethanol	ND	0.530	ND	1.00	114	6.03	4.99	3.20	2.65	NC	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	107	25.5	26.2	7.09	7.27	2.5	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	113	3.91	3.94	0.900	0.908	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	104	3.74	3.50	0.912	0.854	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	107	5.99 S	5.57 S	1.70 S	1.58 S	7.3	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	103	3.51	3.44	1.43	1.40	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	113	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	113	15.4	15.3	3.56	3.53	0.8	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	109	46.9	47.7	15.9	16.2	1.9	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	108	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	99	6.08 S	2.86 S	1.75 S	0.824 S	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	98	2.38	2.04	0.434	0.371	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	115	7.33	7.46	1.69	1.72	1.8	70 - 130	25
Propylene	ND	0.580	ND	1.00	125	1.53	1.50	0.889	0.871	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	99	1.02	1.04	0.186	0.190	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	111	4.90	4.90	1.15	1.15	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	110	670	643	98.9	94.9	4.1	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	97	146	151	49.5	51.1	3.2	70 - 130	25
Toluene	ND	0.270	ND	1.02	112	45.9	45.9	12.2	12.2	0.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	113	5.80	5.75	1.08	1.07	0.9	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	96	1.30	1.26	0.232	0.224	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	99	1.29	1.23	0.168	0.160	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	95		95		104	93	93	93	93	NC	70 - 130	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

QA/QC Data

SDG I.D.: GCA82310

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD 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 05, 2018

Thursday, July 05, 2018

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCA82310 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 05, 2018 SDG I.D.: GCA82310

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

AIRSIM

CHEM20 07/02/18-1: CA82313

The following Initial Calibration compounds did not meet RSD% criteria: Trans-1,2-Dichloroethene(sim) 33% (30%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: Trans-1,2-Dichloroethene(sim) 33% (30%)

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426
email: greg@phoenixlabs.com

P.O. # 11045 Page of

Data Delivery:
☐ Fax #: (631) 206 3729
☑ Email: (631) 206 3700
☐ Phone #:

Report to: Fulya Taylor
Customer: GC Env.
Address: 22 Oak Street,
Bay Shore, NY 11706

Invoice to: Diana Loukris

Sampled by: Fulya Taylor

Project Name: 05-003-00

Requested Deliverable:
RCP ☑ ASP CAT B ☐
MCP ☑ NJ Deliverables ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
82310	SP-1	11291	6.0	-30	-1	5394	87	8:30am	10:30am	6.29.18	-30	-5		X	G		X
82311	SP-2	11288	6.0	-30	0	5385	87	8:00am	9:00am	11	-29	-2		X	G		X
82312	SV-1	23326	"	"	-1	5614	"	9:00am	10:00am	11	-29	-3		X	G		X
		11287	"	"		3179	"			11							
82313	SV-2	19844	"	"	0	5398	"	9:10am	10:10am	11	-25	-3		X	G		X

Relinquished by: [signature] Date: 7/2/18 Time: 10:00

Accepted by: [signature] Date: 7-2-18 Time: 1500

Data Format:
Excel ☐ Equis ☑ Other ☐ ( )

Turnaround Time:
☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☑ Standard

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(5) C6.0L 1hr
11287 was not used.

Requested Criteria

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

PHOENIX
Environmental Laboratories, Inc.

Wednesday, July 11, 2018

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

Project ID: 05-003-00
Sample ID#s: CA82314 - CA82321

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.

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 #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
UT Lab Registration #CT00007
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 11, 2018

SDG I.D.: GCA82314

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.

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

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 11, 2018

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:	FT	06/29/18	7:30
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82314

Project ID: 05-003-00
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	36	2.0	ug/L	2	07/05/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	4.2	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
Client ID: MW-1

Phoenix I.D.: CA82314

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	2.2	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	1.4	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	1.2	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	98		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-1

Phoenix I.D.: CA82314

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	113		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	98		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/06/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/06/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/06/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/06/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/06/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/06/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/06/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/06/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	1	07/06/18	KCA	30 - 130 %
% Nitrobenzene-d5	101		%	1	07/06/18	KCA	30 - 130 %
% Terphenyl-d14	67		%	1	07/06/18	KCA	30 - 130 %

Ver 1

Project ID: 05-003-00
Client ID: MW-1

Phoenix I.D.: CA82314

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	DD	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	77		%	1	07/06/18	DD	30 - 130 %
% Nitrobenzene-d5	83		%	1	07/06/18	DD	30 - 130 %
% Terphenyl-d14	89		%	1	07/06/18	DD	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	7:15
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82315

Project ID: 05-003-00
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	8.6	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
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Phoenix I.D.: CA82315

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	1.2	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	16	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	100		%	1	07/04/18	MH	70 - 130 %	

Ver 1

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Client ID: MW-2

Phoenix I.D.: CA82315

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	110		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	95		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	63		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-2

Phoenix I.D.: CA82315

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	DD	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	78		%	1	07/06/18	DD	30 - 130 %
% Nitrobenzene-d5	90		%	1	07/06/18	DD	30 - 130 %
% Terphenyl-d14	85		%	1	07/06/18	DD	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	7:45
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82316

Project ID: 05-003-00
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	6.7	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
Client ID: MW-3

Phoenix I.D.: CA82316

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	6.2	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	98		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-3

Phoenix I.D.: CA82316

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	114		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	96		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	63		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	60		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-3

Phoenix I.D.: CA82316

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	DD	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	07/06/18	DD	30 - 130 %
% Nitrobenzene-d5	68		%	1	07/06/18	DD	30 - 130 %
% Terphenyl-d14	89		%	1	07/06/18	DD	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	8:30
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82317

Project ID: 05-003-00
Client ID: MW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	10	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	1.4	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
Client ID: MW-4

Phoenix I.D.: CA82317

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	1.1	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	1.8	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	94		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	97		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-4

Phoenix I.D.: CA82317

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	112		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	95		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	78		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	66		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-4

Phoenix I.D.: CA82317

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	DD	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	DD	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	DD	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	1	07/06/18	DD	30 - 130 %
% Nitrobenzene-d5	84		%	1	07/06/18	DD	30 - 130 %
% Terphenyl-d14	95		%	1	07/06/18	DD	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	8:50
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82318

Project ID: 05-003-00
Client ID: MW-5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,1,1-Trichloroethane	6.9	1.0	ug/L	1	07/04/18	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,1-Dichloroethene	1.3	1.0	ug/L	1	07/04/18	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C 1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C

Project ID: 05-003-00
Client ID: MW-5

Phoenix I.D.: CA82318

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	1.1	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	2.7	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	98		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-5

Phoenix I.D.: CA82318

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	118		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	96		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	73		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	64		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-5

Phoenix I.D.: CA82318

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	KCA	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	1	07/06/18	KCA	30 - 130 %
% Nitrobenzene-d5	82		%	1	07/06/18	KCA	30 - 130 %
% Terphenyl-d14	88		%	1	07/06/18	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	9:15
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82319

Project ID: 05-003-00
Client ID: MW-6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	6.1	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	1.1	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
Client ID: MW-6

Phoenix I.D.: CA82319

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	1.1	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	9.6	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	99		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-6

Phoenix I.D.: CA82319

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	115		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	97		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	72		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	59		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-6

Phoenix I.D.: CA82319

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Phenanthrene	0.06	0.05	ug/L	1	07/06/18	KCA	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	07/06/18	KCA	30 - 130 %
% Nitrobenzene-d5	80		%	1	07/06/18	KCA	30 - 130 %
% Terphenyl-d14	95		%	1	07/06/18	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	10:00
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82320

Project ID: 05-003-00
Client ID: MW-7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	32	2.0	ug/L	2	07/05/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	2.3	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
Client ID: MW-7

Phoenix I.D.: CA82320

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	1.1	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	1.0	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	99		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-7

Phoenix I.D.: CA82320

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	119		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	96		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	58		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	64		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-7

Phoenix I.D.: CA82320

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	KCA	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	1	07/06/18	KCA	30 - 130 %
% Nitrobenzene-d5	78		%	1	07/06/18	KCA	30 - 130 %
% Terphenyl-d14	83		%	1	07/06/18	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
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 11, 2018

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:	FT	06/29/18	10:30
Location Code:	GC-ENV	Received by:	LB	07/02/18	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	11044				

Laboratory Data

SDG ID: GCA82314
Phoenix ID: CA82321

Project ID: 05-003-00
Client ID: MW-8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed				07/03/18	P/D/D	SW3520C	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,1-Trichloroethane	20	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloroethene	1.9	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/04/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	

Project ID: 05-003-00
Client ID: MW-8

Phoenix I.D.: CA82321

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Acetone	ND	25	ug/L	1	07/04/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/04/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloroform	1.3	1.0	ug/L	1	07/04/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/04/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrachloroethene	1.4	1.0	ug/L	1	07/04/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/04/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/04/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/04/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/04/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	95		%	1	07/04/18	MH	70 - 130 %	
% Bromofluorobenzene	97		%	1	07/04/18	MH	70 - 130 %	

Ver 1

Project ID: 05-003-00
Client ID: MW-8

Phoenix I.D.: CA82321

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Dibromofluoromethane	119		%	1	07/04/18	MH	70 - 130 %
% Toluene-d8	96		%	1	07/04/18	MH	70 - 130 %
Semivolatiles, Full Scan							
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	07/09/18	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzidine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzo(ghi)perylene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	07/09/18	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	07/09/18	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	0.94	ug/L	1	07/09/18	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachlorocyclopentadiene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	07/09/18	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	1	07/09/18	KCA	30 - 130 %
% Nitrobenzene-d5	75		%	1	07/09/18	KCA	30 - 130 %
% Terphenyl-d14	74		%	1	07/09/18	KCA	30 - 130 %

Project ID: 05-003-00
Client ID: MW-8

Phoenix I.D.: CA82321

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	07/06/18	KCA	SW8270D (SIM)
Phenanthrene	ND	0.05	ug/L	1	07/06/18	KCA	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	1	07/06/18	KCA	30 - 130 %
% Nitrobenzene-d5	81		%	1	07/06/18	KCA	30 - 130 %
% Terphenyl-d14	100		%	1	07/06/18	KCA	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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 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:

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:
Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
July 11, 2018
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 11, 2018

QA/QC Data

SDG I.D.: GCA82314

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 437288 (ug/L), QC Sample No: CA81416 (CA82314, CA82315, CA82316, CA82317, CA82318, CA82319, CA82320, CA82321)										
Semivolatiles (SIM) - Ground Water										
Acenaphthylene	ND	0.02	74	74	0.0				30 - 130	20
Benz(a)anthracene	ND	0.02	106	105	0.9				30 - 130	20
Benzo(a)pyrene	ND	0.02	90	93	3.3				30 - 130	20
Benzo(b)fluoranthene	ND	0.02	113	109	3.6				30 - 130	20
Benzo(k)fluoranthene	ND	0.02	121	110	9.5				30 - 130	20
Chrysene	ND	0.02	101	100	1.0				30 - 130	20
Dibenz(a,h)anthracene	ND	0.01	113	116	2.6				30 - 130	20
Hexachlorobenzene	ND	0.02	91	98	7.4				30 - 130	20
Hexachlorobutadiene	ND	0.05	85	76	11.2				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.02	112	114	1.8				30 - 130	20
Nitrobenzene	ND	0.05	85	77	9.9				30 - 130	20
Phenanthrene	ND	0.02	101	98	3.0				30 - 130	20
% 2-Fluorobiphenyl	94	%	89	73	19.8				30 - 130	20
% Nitrobenzene-d5	81	%	70	69	1.4				30 - 130	20
% Terphenyl-d14	95	%	110	113	2.7				30 - 130	20

Comment:

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

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%)

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 437288 (ug/L), QC Sample No: CA81416 (CA82314, CA82315, CA82316, CA82317, CA82318, CA82319, CA82320, CA82321)										
Semivolatiles - Ground Water										
1,2,4-Trichlorobenzene	ND	3.5	62	60	3.3				30 - 130	20
1,2-Dichlorobenzene	ND	1.0	56	54	3.6				30 - 130	20
1,2-Diphenylhydrazine	ND	1.6	79	81	2.5				30 - 130	20
1,3-Dichlorobenzene	ND	1.0	55	54	1.8				30 - 130	20
1,4-Dichlorobenzene	ND	1.0	56	56	0.0				30 - 130	20
2,4-Dinitrotoluene	ND	3.5	87	83	4.7				30 - 130	20
2,6-Dinitrotoluene	ND	3.5	85	79	7.3				30 - 130	20
2-Chloronaphthalene	ND	3.5	70	68	2.9				30 - 130	20
2-Methylnaphthalene	ND	3.5	67	62	7.8				30 - 130	20
2-Nitroaniline	ND	3.5	126	123	2.4				30 - 130	20
3,3'-Dichlorobenzidine	ND	5.0	87	90	3.4				30 - 130	20
3-Nitroaniline	ND	5.0	103	98	5.0				30 - 130	20
4-Bromophenyl phenyl ether	ND	3.5	81	80	1.2				30 - 130	20
4-Chloroaniline	ND	3.5	86	78	9.8				30 - 130	20
4-Chlorophenyl phenyl ether	ND	1.0	81	77	5.1				30 - 130	20
4-Nitroaniline	ND	5.0	79	76	3.9				30 - 130	20
Acenaphthene	ND	1.5	78	73	6.6				30 - 130	20
Anthracene	ND	1.5	82	82	0.0				30 - 130	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzidine	ND	4.5	96	91	5.3				30 - 130	20	
Benzo(ghi)perylene	ND	1.5	83	83	0.0				30 - 130	20	
Benzoic acid	ND	10	68	46	38.6				30 - 130	20	r
Benzyl Alcohol	ND	5.0	59	54	8.8				30 - 130	20	
Benzyl butyl phthalate	ND	1.5	86	87	1.2				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	68	65	4.5				30 - 130	20	
Bis(2-chloroethyl)ether	ND	1.0	52	50	3.9				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	1.0	48	46	4.3				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	1.5	88	89	1.1				30 - 130	20	
Dibenzofuran	ND	3.5	76	71	6.8				30 - 130	20	
Diethyl phthalate	ND	1.5	87	83	4.7				30 - 130	20	
Dimethylphthalate	ND	1.5	81	79	2.5				30 - 130	20	
Di-n-butylphthalate	ND	1.5	89	86	3.4				30 - 130	20	
Di-n-octylphthalate	ND	1.5	96	96	0.0				30 - 130	20	
Fluoranthene	ND	1.5	89	83	7.0				30 - 130	20	
Fluorene	ND	1.5	83	80	3.7				30 - 130	20	
Hexachlorocyclopentadiene	ND	3.5	25	28	11.3				30 - 130	20	I
Hexachloroethane	ND	3.5	55	54	1.8				30 - 130	20	
Isophorone	ND	3.5	70	65	7.4				30 - 130	20	
Naphthalene	ND	1.5	63	60	4.9				30 - 130	20	
N-Nitrosodimethylamine	ND	1.0	53	53	0.0				30 - 130	20	
N-Nitrosodi-n-propylamine	ND	3.5	71	65	8.8				30 - 130	20	
N-Nitrosodiphenylamine	ND	3.5	74	73	1.4				30 - 130	20	
Pyrene	ND	1.5	88	84	4.7				30 - 130	20	
% 2-Fluorobiphenyl	79	%	71	67	5.8				30 - 130	20	
% Nitrobenzene-d5	72	%	65	62	4.7				30 - 130	20	
% Terphenyl-d14	84	%	88	84	4.7				30 - 130	20	

Comment:

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

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 437431 (ug/L), QC Sample No: CA82371 (CA82314, CA82315, CA82316, CA82317, CA82318, CA82319, CA82320, CA82321)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	94	92	2.2				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	108	107	0.9				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	108	107	0.9				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	99	100	1.0				70 - 130	30	
1,1-Dichloroethane	ND	1.0	110	109	0.9				70 - 130	30	
1,1-Dichloroethene	ND	1.0	109	108	0.9				70 - 130	30	
1,1-Dichloropropene	ND	1.0	105	104	1.0				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	94	98	4.2				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	100	100	0.0				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	95	97	2.1				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	96	94	2.1				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	108	108	0.0				70 - 130	30	
1,2-Dibromoethane	ND	1.0	100	103	3.0				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	98	97	1.0				70 - 130	30	
1,2-Dichloroethane	ND	1.0	100	101	1.0				70 - 130	30	
1,2-Dichloropropane	ND	1.0	96	96	0.0				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	96	93	3.2				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	97	96	1.0				70 - 130	30	

QA/QC Data

SDG I.D.: GCA82314

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	1.0	98	97	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	97	95	2.1				70 - 130	30
2,2-Dichloropropane	ND	1.0	109	105	3.7				70 - 130	30
2-Chlorotoluene	ND	1.0	98	96	2.1				70 - 130	30
2-Hexanone	ND	5.0	86	85	1.2				70 - 130	30
2-Isopropyltoluene	ND	1.0	99	97	2.0				70 - 130	30
4-Chlorotoluene	ND	1.0	98	95	3.1				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	98	96	2.1				70 - 130	30
Acetone	ND	5.0	87	88	1.1				70 - 130	30
Acrylonitrile	ND	5.0	98	93	5.2				70 - 130	30
Benzene	ND	0.70	95	95	0.0				70 - 130	30
Bromobenzene	ND	1.0	100	99	1.0				70 - 130	30
Bromochloromethane	ND	1.0	113	108	4.5				70 - 130	30
Bromodichloromethane	ND	0.50	97	95	2.1				70 - 130	30
Bromoform	ND	1.0	88	89	1.1				70 - 130	30
Bromomethane	ND	1.0	86	83	3.6				70 - 130	30
Carbon Disulfide	ND	1.0	114	111	2.7				70 - 130	30
Carbon tetrachloride	ND	1.0	106	104	1.9				70 - 130	30
Chlorobenzene	ND	1.0	95	94	1.1				70 - 130	30
Chloroethane	ND	1.0	117	113	3.5				70 - 130	30
Chloroform	ND	1.0	97	95	2.1				70 - 130	30
Chloromethane	ND	1.0	81	87	7.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	113	110	2.7				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	95	93	2.1				70 - 130	30
Dibromochloromethane	ND	0.50	100	100	0.0				70 - 130	30
Dibromomethane	ND	1.0	101	102	1.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	107	106	0.9				70 - 130	30
Ethylbenzene	ND	1.0	92	93	1.1				70 - 130	30
Hexachlorobutadiene	ND	0.40	98	95	3.1				70 - 130	30
Isopropylbenzene	ND	1.0	95	94	1.1				70 - 130	30
m&p-Xylene	ND	1.0	93	93	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	95	86	9.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	117	116	0.9				70 - 130	30
Methylene chloride	ND	1.0	106	104	1.9				70 - 130	30
Naphthalene	ND	1.0	98	101	3.0				70 - 130	30
n-Butylbenzene	ND	1.0	101	98	3.0				70 - 130	30
n-Propylbenzene	ND	1.0	97	94	3.1				70 - 130	30
o-Xylene	ND	1.0	94	93	1.1				70 - 130	30
p-Isopropyltoluene	ND	1.0	98	96	2.1				70 - 130	30
sec-Butylbenzene	ND	1.0	100	98	2.0				70 - 130	30
Styrene	ND	1.0	94	94	0.0				70 - 130	30
tert-Butylbenzene	ND	1.0	95	93	2.1				70 - 130	30
Tetrachloroethene	ND	1.0	96	96	0.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	106	103	2.9				70 - 130	30
Toluene	ND	1.0	96	95	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	108	106	1.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	91	91	0.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	88	88	0.0				70 - 130	30
Trichloroethene	ND	1.0	99	99	0.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	117	114	2.6				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	115	113	1.8				70 - 130	30
Vinyl chloride	ND	1.0	115	113	1.8				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	99	98	1.0				70 - 130	30

QA/QC Data

SDG I.D.: GCA82314

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	96	%		96	96	0.0				70 - 130	30
% Dibromofluoromethane	113	%		109	109	0.0				70 - 130	30
% Toluene-d8	93	%		99	100	1.0				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 437562 (ug/L), QC Sample No: CA82798 (CA82314 (2X) , CA82320 (2X))

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	5.0		98	115	16.0				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%.

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 11, 2018

Wednesday, July 11, 2018

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCA82314 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA82314	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	36	2.0	5	5	ug/L
CA82314	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82314	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	36	2.0	5	5	ug/L
CA82314	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82314	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82314	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82314	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82314	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82314	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	36	2.0	5	5	ug/L
CA82314	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82314	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82315	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	8.6	1.0	5	5	ug/L
CA82315	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	16	1.0	5	5	ug/L
CA82315	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82315	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CA82315	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82315	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82315	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	8.6	1.0	5	5	ug/L
CA82315	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82315	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	8.6	1.0	5	5	ug/L
CA82315	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82315	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria (SPLP)	16	1.0	5	5	ug/L
CA82315	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82315	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedances Report

Criteria: NY: GW

State: NY

GCA82314 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA82315	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82315	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82316	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	6.7	1.0	5	5	ug/L
CA82316	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	6.2	1.0	5	5	ug/L
CA82316	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82316	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	6.2	1.0	5	5	ug/L
CA82316	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82316	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82316	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	6.7	1.0	5	5	ug/L
CA82316	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82316	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82316	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.7	1.0	5	5	ug/L
CA82316	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.2	1.0	5	5	ug/L
CA82316	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82316	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82316	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L

Wednesday, July 11, 2018

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCA82314 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA82317	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	10	1.0	5	5	ug/L
CA82317	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82317	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82317	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	10	1.0	5	5	ug/L
CA82317	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82317	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82317	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	10	1.0	5	5	ug/L
CA82317	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82317	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82317	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82317	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82318	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	6.9	1.0	5	5	ug/L
CA82318	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82318	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82318	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82318	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	6.9	1.0	5	5	ug/L
CA82318	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82318	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82318	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.9	1.0	5	5	ug/L
CA82318	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82318	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L

Wednesday, July 11, 2018

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCA82314 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA82318	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82318	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82319	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	6.1	1.0	5	5	ug/L
CA82319	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	9.6	1.0	5	5	ug/L
CA82319	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82319	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	9.6	1.0	5	5	ug/L
CA82319	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82319	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82319	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	6.1	1.0	5	5	ug/L
CA82319	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82319	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.1	1.0	5	5	ug/L
CA82319	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82319	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria (SPLP)	9.6	1.0	5	5	ug/L
CA82319	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82319	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82319	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82320	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	32	2.0	5	5	ug/L
CA82320	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82320	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L

Wednesday, July 11, 2018

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCA82314 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA82320	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82320	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	32	2.0	5	5	ug/L
CA82320	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82320	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	32	2.0	5	5	ug/L
CA82320	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82320	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82320	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82320	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82321	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	20	1.0	5	5	ug/L
CA82321	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CA82321	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	20	1.0	5	5	ug/L
CA82321	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CA82321	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CA82321	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CA82321	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CA82321	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	20	1.0	5	5	ug/L
CA82321	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CA82321	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L

Wednesday, July 11, 2018

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCA82314 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA82321	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.02	0.002	0.002	ug/L
CA82321	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	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

July 11, 2018 SDG I.D.: GCA82314

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

VOA Narration

CHEM17 07/04/18-1: CA82314, CA82315, CA82316, CA82317, CA82318, CA82319, CA82320, CA82321

The following Initial Calibration compounds did not meet RSD% criteria: Acrylonitrile 29% (20%), Methyl ethyl ketone 26% (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 0.037 (0.05), 2-Hexanone 0.090 (0.1), Acetone 0.044 (0.1), Methyl ethyl ketone 0.077 (0.1), Tetrahydrofuran (THF) 0.045 (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: 1,2-Dibromo-3-chloropropane 0.035 (0.05), Bromoform 0.090 (0.1), Tetrahydrofuran (THF) 0.043 (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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NY Temperature Narration

July 11, 2018

SDG I.D.: GCA82314

The samples in this delivery group were received at 1.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 4 °C Pg of

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

Contact Options:
☑ Fax: 631-206 3729
☑ Phone: 631-206 3700
☐ Email: Rtaylor@gcenvironmental.com

Customer: G.C. Environmental, Inc.
Address: 22 Old Stroat
Bay Shore, NY 11706

Project: 05-003-00
Report to: Rtaylor
Invoice to: Nina Lagakis

Project P.O: 11044

This section MUST be completed with Bottle Quantities.

Sampler's Signature

Client Sample - Information - Identification

Date: 6.29.18

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	VOC - EPA 8260	SVOC - EPA 8270	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
82314	MW-1	GW	6.29.18	7:30 am	X	X									3	1
82315	MW-2	GW	11	7:45 am	X	X									3	1
82316	MW-3	GW	11	8:00 am	X	X									3	1
82317	MW-4	GW	11	8:30 am	X	X									3	1
82318	MW-5	GW	11	8:50 am	X	X									3	1
82319	MW-6	GW	11	9:15 am	X	X									3	1
82320	MW-7	GW	11	10:00 am	X	X									3	1
82321	MW-8	GW	11	10:30 am	X	X									3	1

Relinquished by:	Accepted by:	Date:	Time:
		7-2-18	10:00
		7-2-18	1500

Comments, Special Requirements or Regulations:

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

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

NY
☑ TOGS 4046 GW
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

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

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

State where samples were collected: NY

APPENDIX B
Photolog

SVE System Design Work- Photolog

1. Air Sampling at the SVE Points by Using Suma-Canister

2. Air Sampling at the Discharge of the Carbon Vessel

by Using Suma-Canister

3. A Typical PID Reading by Using MultiRAE

4. A Typical PID Reading by Using MultiRAE

5. CFM Reading at the SVE System Unit

6. Vacuum Gauges of the SVE System in the Repair Shop Area

7. Vacuum Gauge of the SVE System in the Repair Shop Area

8. Vacuum Gauges of the SVE System Unit

9. Groundwater Sampling at the MW-2 Located on the Northeastern Exterior Portion of the Site

10. Groundwater Level Measurement Using by Solinst Interface Meter

11. A View from the Exterior Portion of the Site

(Sub-Slab Area)

12. A View from the Interior Portion of the Site

(SVE Wells Location - Sub-Slab)