EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

September 20, 2018

Mr. Richard Mustico
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
625 Broadway, Albany, New York 12233

Re: Quarterly Inspection Report (Q3;2018)
Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn, New York
NYSDEC BCP Number: C224217

Dear Mr. Mustico:

Please find the enclosed Quarterly Inspection Report for the above referenced project for the third quarter of 2018; in accordance with the Site Management Plan (SMP).

If you have any questions or comments regarding the attached report, please do not hesitate to contact me.

Very truly yours,

Chawinie Reilly
Project Manager

Cc: G. Bobersky
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TOMAT SERVICE STATION
NYSDEC BCP Number C224217
Quarterly Status Report
2018

Reporting Summary

Report Date: September 19, 2018

Reporting Period: 3rd Quarter of 2018

Site Status: The building is currently under construction and is not occupied.

Work Performed this Quarter: August 2018 – Inspection of the Air Sparge and Soil Vapor Extraction system. PID and vacuum measurements for SVE wells (SVE-1 and SVE-2) and vacuum readings for AS wells (AS1, AS2, AS3, AS4, AS5, AS6, AS7 and AS8) were conducted. PID readings at the pre-carbon, between carbon and post-carbon locations were also collected. Quarterly pre and post carbon sample collection was submitted for laboratory analysis. Quarterly groundwater samples were collected from all wells for laboratory analysis.

Monitoring Program Summary

No. of Sampling Points: Six on-site groundwater monitoring wells (17GW1, 17GW2, 17GW3, 17GW4, 17GW5, 17GW6), two SVE wells (SVE-1 and SVE-2), eight AS wells (AS1, AS2, AS3, AS4, AS5, AS6, AS7 and AS8) Pre-carbon, Post-carbon sample locations.

Gauging Frequency: Quarterly laboratory analysis for 6 on-site monitoring wells (17GW1, 17GW2, 17GW3, 17GW4, 17GW5, 17GW6), pre and post carbon sampling locations. Quarterly for PID and vacuum measurements for SVE wells (SVE-1 and SVE-2), vacuum readings for AS wells (AS1, AS2, AS3, AS4, AS5, AS6, AS7 and AS8), pre-carbon, between carbon and post-carbon locations.

Sampling Frequency: Quarterly laboratory analysis for 6 on-site monitoring wells (17GW1, 17GW2, 17GW3, 17GW4, 17GW5, 17GW6), pre and post carbon sampling locations. Quarterly for PID and vacuum measurements for SVE wells (SVE-1 and SVE-2),

	vacuum readings for AS wells (AS1, AS2, AS3, AS4, AS5, AS6, AS7 and AS8), pre-carbon, between carbon and post-carbon locations.
Reporting Frequency:	Quarterly Inspection Report (Quarterly), Periodic Review Report (Annually).
Groundwater Depth:	21 feet below sidewalk grade
GW Flow Direction:	West
Monitoring Results:	No product was detected within any of the monitoring wells.
Sampling Results:	Quarterly sampling occurred during this report. Based on laboratory results and PID readings system is running properly.

LIQUID LEVEL MONITORING

Depth to water readings are taken from 17GW1, 17GW2, 17GW3, 17GW4, 17GW5, 17GW6 on a quarterly basis with an electronic interface meter prior to purging the wells for sampling. As previously noted, no Liquid Phase Hydrocarbons (LPH) was detected in any of the monitoring wells during this quarter.

GROUNDWATER SAMPLING

The 3Q18 groundwater sampling event was performed on August 27, 2018. The groundwater samples were collected from 17GW1, 17GW2, 17GW3, 17GW4, 17GW5 and 17GW6 in accordance with the low-flow groundwater sampling procedures outlined within the SMP. See **Figure 1,** for the location of 17GW1, 17GW2, 17GW3, 17GW4, 17GW5 and 17GW6. A copy of each of the Well Purging-Field Water Quality Measurements Form is attached as **Appendix A**.

The groundwater samples were picked up at EBC's office by laboratory dispatched courier and delivered to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). The groundwater samples were submitted for laboratory analysis of volatile organic compounds (VOCs) via EPA Method 8260.

Copies of the laboratory reports are attached as **Appendix B**. The laboratory results for the third quarter sampling event are summarized and compared to their respectively Groundwater Quality Standards (GQSs) in **Table 1.**

AIR SAMPLING

The air samples collected from the pre-carbon and post carbon locations were collected in 6 Liter summa canisters fitted with 30-min laboratory calibrated regulators. These locations were sampled in August 2018.

The sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on the chain of custody.

During the sampling event; the SVE sampling ports, pre carbon, between carbon and post carbon locations were field screened with a photo-ionization detector (PID) and vacuum readings were collected at these locations. Summa canisters were picked up at EBC's office by laboratory dispatched courier and delivered to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). The air samples were submitted for laboratory analysis of VOCs via Method TO-15.

Copies of the laboratory reports are attached in **Appendix C**. Routine System Inspection Forms are attached in **Appendix D**. The laboratory results for pre and post carbon air samples was compared to the appropriate standards/criteria in **Table 2**.

QUATERLY GROUNDWATER SAMPLING RESULTS

17GW1– VOCs including, 1,2,4-trimethylbenzene (81 µg/L), 1,3,5-trimethylbenzene (5.1 µg/L), ethylbenzene (65 µg/L), isopropylbenzene (5.8 µg/L), naphthalene (24 µg/L) and n-propylbenzene (11 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 230.49 µg/L, was reported during the third quarter 2018 sampling event.

17GW2– No VOCs were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 4.26 µg/L, was reported during the third quarter 2018 sampling event.

17GW3– VOCs including, 1,2,4-trimethylbenzene (150 µg/L), 1,3,5-trimethylbenzene (16 µg/L), ethylbenzene (55 µg/L), isopropylbenzene (6.7 µg/L), naphthalene (24 µg/L), and n-propylbenzene (15 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 308.25 µg/L, was reported during the third quarter 2018 sampling event.

17GW4– The VOC n-propylbenzene (13 µg/L), was reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 34.31 µg/L, was reported during the third quarter 2018 sampling event.

17GW5– VOCs including, 1,2,4-trimethylbenzene (140 µg/L), 1,3,5-trimethylbenzene (12 µg/L), ethylbenzene (25 µg/L), isopropylbenzene (49 µg/L), naphthalene (92 µg/L), n-butylbenzene (16 µg/L), n-propylbenzene (130 µg/L), p- isopropyltoluene (6.4 µg/L), and sec-butylbenzene (11 µg/L) were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 505.67 µg/L, was reported during the third quarter 2018 sampling event.

17GW6– VOCs including, 1,2,4-trimethylbenzene (260 µg/L), 1,3,5-trimethylbenzene (59 µg/L), ethylbenzene (150 µg/L), isopropylbenzene (9.9 µg/L), naphthalene (56 µg/L), n-propylbenzene (24 µg/L), and o-xylene (15 µg/L) were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 840.6 µg/L, was reported during the third quarter 2018 sampling event.

QUATERLY AIR SAMPLE RESULTS

PRE-CARBON – The August 2018 BTEX concentration was reported at 1,159 µg/m^3. The total VOC concentrations during this period was reported at 4,326.23 µg/m^3. PID reading for this port was 31.3 ppm.

POST-CARBON – The August 2018 BTEX concentration was reported at 4,112 µg/m^3. The total VOC concentrations during this period was reported at 6,542.22 µg/m^3. PID reading for this port was 16.6 ppm.

QUATERLY PID AND VACUUM MEASUREMENTS

August 2018:

SVE-1 – PID reading for this port was 20.4 ppm with a vacuum of -9.41 iwc.

S*VE-2* – PID reading for this port was 14.4 ppm with a vacuum of -8.11 iwc.

PRE-CARBON – PID reading for this port was 40.6 ppm; prior to carbon drum change out. After the carbon drum change the PID reading for this port was 31.3 ppm.

BETWEEN-CARBON –PID reading for this port was 33.8 ppm; prior to carbon drum change out. After the carbon drum change the PID reading for this port was 26.8 ppm.

POST-CARBON –PID reading for this port was 23.6 ppm; prior to carbon drum change out. After the carbon drum change the PID reading for this port was 16.6 ppm.

AS-1 – Pressure reading of -4.45 iwc.

AS-2 – Pressure reading of -4.31 iwc.

AS-3 – Pressure reading of -4.31 iwc.

AS-4 – Pressure reading of -4.45 iwc.

AS-5 – Pressure reading of -4.45 iwc.

AS-6 – Pressure reading of -4.31 iwc.

AS-7 – Pressure reading of -4.31 iwc.

AS-8 – Pressure reading of -4.31 iwc.

FUTURE PLANS / RECOMMENDATIONS

The quarterly results noted in this report indicate the AS and SVE system is currently operating at optimal conditions and no repairs are required at this time. EBC recommends the continued operation of the AS and the SVE system, continuing quarterly PID monitoring, quarterly vacuum readings, quarterly pre carbon and post carbon air sample collection and quarterly groundwater sampling.

TABLES

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Table 1
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW1 (Baseline)				17GW1				17GW1				17GW1		17GW2 (Baseline)				17GW2				17GW2				17GW2	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		11/13/2017				3/15/2018				6/14/2018				8/27/2018	
	µg/L	µg/L				µg/L				µg/L				µg/L		µg/L				µg/L				µg/L				µg/L	
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 2.5	2.5	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1-Dichloropropene		< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	U	5.0	< 1.0	1.0	U	0.25	< 10	10	U	2.5	< 1.0	1.0	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	U	5.0	< 0.25	0.25	U	0.25	< 2.5	2.5	U	2.5	< 0.25	0.25	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.25	0.25	U	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	U	5.0	< 1.0	1.0	U	0.25	< 10	10	U	2.5	< 1.0	1.0	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**560**	40	D	10	**120**	10	D	2.5	**110**	5.0	-	2.5	**81**	5.0	**2,100**	100	D	25	**640**	50	D	13	**2.1**	1.0	-	0.25	**0.46**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	U	10	< 0.50	0.50	U	0.50	< 5.0	5.0	U	5.0	< 0.50	0.50	< 10	10	U	10	< 5.0	5.0	U	5.0	< 0.50	0.50	U	0.50	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	U	5.0	< 0.25	0.25	U	0.25	< 2.5	2.5	U	2.5	< 0.25	0.25	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.25	0.25	U	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 4.7	4.7	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 4.7	4.7	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	U	10	< 0.60	0.60	U	0.50	< 5.0	5.0	U	5.0	< 0.60	0.60	< 10	10	U	10	< 5.0	5.0	U	5.0	< 0.60	0.60	U	0.50	< 0.60	0.60
1,2-Dichloropropane	0.94	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 2.5	2.5	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**69**	20	-	5.0	**16**	1.0	-	0.25	**9.2**	5.0	-	2.5	**5.1**	1.0	**480**	20	-	5.0	**110**	10	-	2.5	**0.54**	1.0	J	0.25	< 1.0	1.0
1,3-Dichlorobenzene		< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 3.0	3.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 3.0	3.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,4-Dichlorobenzene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	U	50	< 2.5	2.5	U	2.5	< 25	25	U	25	< 2.5	2.5	< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	U	5.0	**1.5**	1.0	-	0.25	< 5.0	5.0	U	2.5	**0.31**	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
4-Chlorotoluene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	U	50	< 2.5	2.5	U	2.5	< 25	25	U	25	< 2.5	2.5	< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5
Acetone	50	< 50	50	U	50	< 5.0	5.0	U	2.5	< 50	50	U	25	**7.4**	5.0	< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	2.5	**3.8**	5.0
Acrolein		< 50	50	U	50	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	< 50	50	U	50	< 25	25	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0
Acrylonitrile	5	< 50	50	U	50	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 50	50	U	50	< 25	25	U	25	< 5.0	5.0	U	0.25	< 5.0	5.0
Benzene	1	< 5.0	5.0	U	5.0	< 0.70	0.70	U	0.25	< 2.5	2.5	U	2.5	< 0.70	0.70	**6.9**	14	J	5.0	< 2.5	2.5	U	2.5	< 0.70	0.70	U	0.25	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Bromodichloromethane		< 20	20	U	5.0	< 1.0	1.0	U	0.25	< 10	10	U	2.5	< 1.0	1.0	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Bromoform		< 50	50	U	50	< 5.0	5.0	U	0.25	< 50	50	U	2.5	< 5.0	5.0	< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	0.25	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
Carbon Disulfide	60	< 20	20	U	5.0	< 1.0	1.0	U	0.25	< 10	10	U	2.5	< 1.0	1.0	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
Chloroform	7	< 7.0	7.0	U	5.0	< 5.0	5.0	U	0.25	< 7.0	7.0	U	2.5	< 5.0	5.0	< 7.0	7.0	U	5.0	< 7.0	7.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	U	5.0	< 0.40	0.40	U	0.25	< 2.5	2.5	U	2.5	< 0.40	0.40	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.40	0.40	U	0.25	< 0.40	0.40
Dibromochloromethane		< 20	20	U	5.0	< 1.0	1.0	U	0.25	< 10	10	U	2.5	< 1.0	1.0	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Ethylbenzene	5	**320**	20	-	5.0	**76**	10	D	2.5	**80**	5.0	-	2.5	**65**	5.0	**1,400**	100	D	25	**470**	50	D	13	**0.69**	1.0	J	0.25	< 1.0	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	U	4.0	< 0.50	0.50	U	0.20	< 2.0	2.0	U	2.0	< 0.50	0.50	< 4.0	4.0	U	4.0	< 2.0	2.0	U	2.0	< 0.50	0.50	U	0.20	< 0.50	0.50
Isopropylbenzene	5	**39**	20	-	5.0	**22**	1.0	-	0.25	**12**	5.0	-	2.5	**5.8**	1.0	**81**	20	-	5.0	**34**	10	-	2.5	**0.29**	1.0	J	0.25	< 1.0	1.0
m&p-Xylenes	5	**290**	20	-	5.0	**64**	10	D	2.5	**54**	10	-	2.5	**29**	1.0	**1,300**	100	D	25	**570**	10	-	2.5	**0.53**	1.0	J	0.25	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	U	50	< 2.5	2.5	U	2.5	< 25	25	U	25	< 2.5	2.5	< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 20	20	U	5.0	< 1.0	1.0	U	0.25	< 10	10	U	2.5	< 1.0	1.0	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Methylene chloride	5	< 20	20	U	20	< 3.0	3.0	U	1.0	< 5.0	5.0	U	5.0	< 3.0	3.0	< 20	20	U	20	< 10	10	U	10	< 3.0	3.0	U	1.0	< 3.0	3.0
Naphthalene	10	**190**	20	-	20	**53**	10	D	10	**42**	10	-	10	**24**	10	**450**	100	D	100	**160**	10	-	10	< 1.0	1.0	U	1.0	< 1.0	1.0
n-Butylbenzene	5	**9.4**	20	J	5.0	**3.7**	1.0	-	0.25	**2.6**	5.0	J	2.5	**0.7**	1.0	**13**	20	J	5.0	**8.9**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
n-Propylbenzene	5	**81**	20	-	5.0	**27**	10	D	2.5	**25**	5.0	-	2.5	**11**	1.0	**210**	20	-	5.0	**72**	10	-	2.5	**0.67**	1.0	J	0.25	< 1.0	1.0
o-Xylene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	**740**	100	D	25	**45**	10	-	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
p-Isopropyltoluene		< 5.0	5.0	U	5.0	**1.7**	1.0	-	0.25	< 5.0	5.0	U	2.5	**0.5**	1.0	**7.7**	20	J	5.0	**3.9**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
sec-Butylbenzene	5	**5.4**	20	J	5.0	**2.9**	1.0	-	0.25	< 5.0	5.0	U	2.5	**0.68**	1.0	**12**	20	J	5.0	**6.4**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Styrene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50	-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	U	5.0	**0.6**	1.0	J	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Tetrahydrofuran (THF)		< 50	50	U	50	< 5.0	5.0	U	2.5	< 50	50	U	25	< 5.0	5.0	< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0
Toluene	5	< 5.0	5.0	U	5.0	**0.26**	1.0	J	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	**40**	20	-	5.0	**2.6**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	U	5.0	< 0.40	0.40	U	0.25	< 2.5	2.5	U	2.5	< 0.40	0.40	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.40	0.40	U	0.25	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	U	50	< 2.5	2.5	U	2.5	< 25	25	U	25	< 2.5	2.5	< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 5.0	5.0	U	2.5	< 1.0	1.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	U	5.0	< 1.0	1.0	U	0.25	< 2.0	2.0	U	2.0	< 1.0	1.0	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 0.20	0.20	U	0.20	< 100	100	-	-	-	-	-	-	-	-	-	-	-	-	< 100	100
Total VOCs		1563.8				388.66				334.8				230.49		6840.6				2122.8				4.82				4.26	

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 1
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW3 (Baseline)				17GW3				17GW3				17GW3		17GW4 (Baseline)				17GW4				17GW4				17GW4	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		11/16/2017				3/15/2018				6/14/2018				8/27/2018	
	µg/L	µg/L				µg/L				µg/L				µg/L		µg/L				µg/L				µg/L				µg/L	
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL
1,1,1,2-Tetrachloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,1-Dichloropropene		< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.25	0.25	U	0.25	< 0.50	0.50	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**1,600**	200	D	50	**140**	10	-	2.5	**420**	13	D	13	**150**	5.0	**230**	10	D	2.5	**64**	5.0	D	1.3	**5.1**	1.0	-	0.25	**2.7**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	U	10	< 5.0	5.0	U	5.0	< 0.50	0.50	U	0.50	< 1.0	1.0	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.25	0.25	U	0.25	< 0.50	0.50	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 5.0	5.0	U	5.0	< 4.7	4.7	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	U	10	< 5.0	5.0	U	5.0	< 0.60	0.60	U	0.50	< 1.0	1.0	< 0.60	0.60	U	0.50	< 0.60	0.60	U	0.50	< 0.60	0.60	U	0.50	< 0.60	0.60
1,2-Dichloropropane	0.94	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**190**	20	-	5.0	**17**	10	-	2.5	**66**	5.0	D	2.5	**16**	2.0	**0.3**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,3-Dichlorobenzene		< 5.0	5.0	U	5.0	< 3.0	3.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,4-Dichlorobenzene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 5.0	5.0	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	U	5.0	**5.2**	10	J	2.5	**1.2**	1.0	-	0.25	< 2.0	2.0	**4.2**	1.0	-	0.25	**4.6**	1.0	-	0.25	**2.6**	1.0	-	0.25	**1.2**	1.0
4-Chlorotoluene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 5.0	5.0	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5
Acetone	50	< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	2.5	**12**	10	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	**3.8**	5.0
Acrolein		< 50	50	U	50	< 25	25	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0
Acrylonitrile	5	< 50	50	U	50	< 25	25	U	25	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0
Benzene	1	**12**	14	J	5.0	< 2.5	2.5	U	2.5	**2.3**	0.70	-	0.25	< 0.70	0.70	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Bromodichloromethane		< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Bromoform		< 50	50	U	5.0	< 50	50	U	2.5	< 5.0	5.0	U	0.25	< 10	10	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
Carbon Disulfide	60	< 20	20	U	5.0	< 10	10	U	2.5	**0.38**	1.0	J	0.25	**0.65**	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
Chloroform	7	< 7.0	7.0	U	5.0	< 7.0	7.0	U	2.5	< 5.0	5.0	U	0.25	< 7.0	7.0	**1.4**	5.0	J	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	**0.31**	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.40	0.40	U	0.25	< 0.50	0.50	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40
Dibromochloromethane		< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Ethylbenzene	5	**470**	20	-	5.0	**37**	10	-	2.5	**200**	5.0	D	2.5	**55**	2.0	**1.9**	1.0	-	0.25	**1.9**	1.0	-	0.25	**0.98**	1.0	J	0.25	**0.45**	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	U	4.0	< 2.0	2.0	U	2.0	< 0.50	0.50	U	0.20	< 0.50	0.50	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20	< 0.50	0.50
Isopropylbenzene	5	**71**	20	-	5.0	**53**	10	-	2.5	**24**	1.0	-	0.25	**6.7**	2.0	**12**	1.0	-	0.25	**15**	1.0	-	0.25	**8.7**	1.0	-	0.25	**3.9**	1.0
m&p-Xylenes	5	**450**	20	-	5.0	**17**	10	-	2.5	**34**	1.0	-	0.25	**25**	2.0	**2.2**	1.0	-	0.25	**0.39**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 5.0	5.0	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Methylene chloride	5	< 20	20	U	20	< 10	10	U	10	< 3.0	3.0	U	1.0	< 5.0	5.0	**1.3**	3.0	JS	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0
Naphthalene	10	**210**	20	-	20	**150**	10	-	10	**100**	10	D	10	**24**	2.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0
n-Butylbenzene	5	**10**	20	J	5.0	**16**	10	-	2.5	**4.8**	1.0	-	0.25	**1.9**	2.0	**4.3**	1.0	-	0.25	**9.2**	1.0	-	0.25	**14**	1.0	-	0.25	**4.5**	1.0
n-Propylbenzene	5	**160**	20	-	5.0	**120**	10	-	2.5	**59**	5.0	D	2.5	**15**	2.0	**25**	10	D	2.5	**52**	5.0	D	1.3	**30**	1.0	-	0.25	**13**	1.0
o-Xylene	5	**180**	20	-	5.0	< 5.0	5.0	U	2.5	**6.2**	1.0	-	0.25	**1**	2.0	**1.2**	1.0	-	0.25	**0.46**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
p-Isopropyltoluene		**5.5**	20	J	5.0	**8.8**	10	J	2.5	**2.8**	1.0	-	0.25	**1**	2.0	**4.1**	1.0	-	0.25	**5.2**	1.0	-	0.25	**2.1**	1.0	-	0.25	**0.66**	1.0
sec-Butylbenzene	5	**9.5**	20	J	5.0	**10**	10	-	2.5	**3.5**	1.0	-	0.25	< 2.0	2.0	**3.4**	1.0	-	0.25	**5.7**	1.0	-	0.25	**6.5**	1.0	-	0.25	**2.9**	1.0
Styrene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 100	100	-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	**0.97**	1.0	J	0.25	**1.5**	1.0	-	0.25	**0.92**	1.0	J	0.25	**0.39**	1.0
Tetrachloroethene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	**0.27**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	**0.5**	1.0
Tetrahydrofuran (THF)		< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	2.5	< 10	10	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0
Toluene	5	**25**	20	-	5.0	< 5.0	5.0	U	2.5	**2.7**	1.0	-	0.25	< 2.0	2.0	**0.37**	1.0	J	0.25	**0.5**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 0.40	0.40	U	0.25	< 0.50	0.50	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 5.0	5.0	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	U	5.0	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	U	5.0	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 2.0	2.0	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 100	100	U	50	< 200	200	-	-	-	-	-	-	-	-	< 0.20	0.20	U	0.20	< 100	100
Total VOCs		3393				574				926.88				308.25		292.91				160.45				70.9				34.31	

Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standar

Table 1
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW5 (Baseline)				17GW5				17GW5				17GW5		17GW6 (Baseline)				17GW6				17GW6				17GW6	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		11/13/2017				3/15/2018				6/14/2018				8/27/2018	
	µg/L	µg/L				µg/L				µg/L				µg/L		µg/L				µg/L				µg/L				µg/L	
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,1,1-Trichloroethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,1,2-Trichloroethane	1	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
1,1-Dichloroethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,1-Dichloropropene		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,2,3-Trichlorobenzene		< 10	10	U	2.5	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0
1,2,3-Trichloropropane	0.04	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 0.25	0.25	U	0.25	< 0.25	0.25	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
1,2,4-Trichlorobenzene		< 10	10	U	2.5	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0
1,2,4-Trimethylbenzene	5	**390**	20	D	5.0	**570**	50	D	13	**160**	5.0	D	2.5	**140**	5.0	**2,300**	200	D	50	**1,800**	100	D	25	**1,700**	25	D	25	**260**	5.0
1,2-Dibromo-3-chloropropane	0.04	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 0.50	0.50	U	0.50	< 0.50	0.50	< 10	10	U	10	< 25	25	U	25	< 10	10	U	10	< 2.5	2.5
1,2-Dibromoethane		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 0.25	0.25	U	0.25	< 0.25	0.25	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
1,2-Dichlorobenzene	5	< 4.7	4.7	U	2.5	< 4.7	4.7	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 4.7	4.7
1,2-Dichloroethane	0.6	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 0.60	0.60	U	0.50	< 0.60	0.60	< 10	10	U	10	< 25	25	U	25	< 10	10	U	10	< 2.5	2.5
1,2-Dichloropropane	0.94	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
1,3,5-Trimethylbenzene	5	**27**	10	-	2.5	**110**	10	-	2.5	**12**	1.0	-	0.25	**12**	1.0	**420**	20	-	5.0	**480**	50	-	13	**240**	5.0	-	5.0	**59**	5.0
1,3-Dichlorobenzene		< 3.0	3.0	U	2.5	< 3.0	3.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 3.0	3.0
1,3-Dichloropropane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
1,4-Dichlorobenzene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
2,2-Dichloropropane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
2-Chlorotoluene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
2-Hexanone (Methyl Butyl Ketone)		< 25	25	U	25	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13
2-Isopropyltoluene	5	**4.3**	10	J	2.5	< 5.0	5.0	U	2.5	**5.4**	1.0	-	0.25	**4.9**	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
4-Chlorotoluene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
4-Methyl-2-Pentanone		< 25	25	U	25	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13
Acetone	50	< 50	50	U	25	< 50	50	U	25	< 5.0	5.0	U	2.5	**2.6**	5.0	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 25	25
Acrolein		< 25	25	U	25	< 25	25	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 50	50	U	50	< 130	130	U	130	< 5.0	5.0	U	5.0	< 13	13
Acrylonitrile	5	< 25	25	U	25	< 25	25	U	25	< 5.0	5.0	U	0.25	< 5.0	5.0	< 50	50	U	50	< 130	130	U	130	< 5.0	5.0	U	5.0	< 5.0	5.0
Benzene	1	< 2.5	2.5	U	2.5	**3.6**	7.0	J	2.5	< 0.70	0.70	U	0.25	< 0.70	0.70	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
Bromobenzene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Bromochloromethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Bromodichloromethane		< 10	10	U	2.5	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0
Bromoform		< 50	50	U	2.5	< 50	50	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 50	50	U	5.0	< 50	50	U	13	< 50	50	U	5.0	< 25	25
Bromomethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Carbon Disulfide	60	< 10	10	U	2.5	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0
Carbon tetrachloride	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Chlorobenzene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	U	2.5	< 7.0	7.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 7.0	7.0	U	5.0	< 13	13	U	13	< 7.0	7.0	U	5.0	< 7.0	7.0
Chloromethane	60	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	**1.5**	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
cis-1,3-Dichloropropene		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 0.40	0.40	U	0.25	< 0.40	0.40	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
Dibromochloromethane		< 10	10	U	2.5	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0
Dibromomethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Dichlorodifluoromethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Ethylbenzene	5	**46**	10	-	2.5	**270**	10	-	2.5	**25**	1.0	-	0.25	**25**	1.0	**1,200**	200	D	50	**1,100**	50	-	13	**970**	13	D	13	**150**	5.0
Hexachlorobutadiene	0.5	< 2.0	2.0	U	2.0	< 2.0	2.0	U	2.0	< 0.50	0.50	U	0.20	< 0.50	0.50	< 4.0	4.0	U	4.0	< 10	10	U	10	< 4.0	4.0	U	4.0	< 1.0	1.0
Isopropylbenzene	5	**50**	10	-	2.5	**42**	10	-	2.5	**55**	5.0	D	2.5	**49**	5.0	**72**	20	-	5.0	**76**	50	-	13	**89**	5.0	-	5.0	**9.9**	5.0
m&p-Xylenes	5	**17**	10	-	2.5	**250**	10	-	2.5	**13**	1.0	-	0.25	**13**	1.0	**2,800**	200	D	50	**3,500**	100	D	25	**1,600**	50	D	13	**260**	20
Methyl Ethyl Ketone (2-Butanone)	50	< 25	25	U	25	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13
Methyl t-butyl ether (MTBE)	10	< 10	10	U	2.5	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0
Methylene chloride	5	< 10	10	U	10	< 10	10	U	10	< 3.0	3.0	U	1.0	< 3.0	3.0	< 20	20	U	20	< 50	50	U	50	< 10	10	U	10	< 5.0	5.0
Naphthalene	10	**150**	10	-	10	**140**	10	-	10	**120**	10	D	10	**92**	20	**410**	20	-	20	**460**	50	-	50	**470**	20	-	20	**56**	5.0
n-Butylbenzene	5	**15**	10	-	2.5	**6.8**	10	J	2.5	**15**	1.0	-	0.25	**16**	1.0	**23**	20	-	5.0	**15**	50	J	13	**16**	5.0	-	5.0	**3.2**	5.0
n-Propylbenzene	5	**140**	10	-	2.5	**84**	10	-	2.5	**130**	5.0	D	2.5	**130**	5.0	**180**	20	-	5.0	**200**	50	-	13	**160**	5.0	-	5.0	**24**	5.0
o-Xylene	5	< 5.0	5.0	U	2.5	**4.4**	10	J	2.5	**0.58**	1.0	J	0.25	**0.54**	1.0	**140**	20	-	5.0	**550**	50	-	13	**75**	5.0	-	5.0	**15**	5.0
p-Isopropyltoluene		**8.4**	10	J	2.5	**4.3**	10	J	2.5	**6.3**	1.0	-	0.25	**6.4**	1.0	**9.2**	20	J	5.0	< 13	13	U	13	**10**	5.0	-	5.0	**1.6**	5.0
sec-Butylbenzene	5	**9.8**	10	J	2.5	**5.2**	10	J	2.5	**11**	1.0	-	0.25	**11**	1.0	**14**	20	J	5.0	< 13	13	U	13	**11**	5.0	-	5.0	**1.9**	5.0
Styrene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50	-	-	-	-	-	-	-	-	< 1000	1,000	U	200	< 250	250
tert-Butylbenzene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	**1.3**	1.0	-	0.25	**1.2**	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Tetrachloroethene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Tetrahydrofuran (THF)		< 50	50	U	25	< 50	50	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 25	25
Toluene	5	< 5.0	5.0	U	2.5	**2.8**	10	J	2.5	**0.72**	1.0	J	0.25	**0.53**	1.0	**5.1**	20	J	5.0	**79**	50	-	13	< 5.0	5.0	U	5.0	< 5.0	5.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 0.40	0.40	U	0.25	< 0.40	0.40	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3
trans-1,4-dichloro-2-butene	5	< 25	25	U	25	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13
Trichloroethene	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Trichlorofluoromethane	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Trichlorotrifluoroethane		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0
Vinyl Chloride	2	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 5.0	5.0	U	5.0	< 13	13	U	13	< 4.0	4.0	U	4.0	< 2.0	2.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 0.20	0.20	U	0.20	< 100	100	-	-	-	-	-	-	-	-	< 2000	2,000	U	1000	< 500	500
Total VOCs		857.50				1493.1				555.3				505.67		7573.30				8260				5341				840.6	

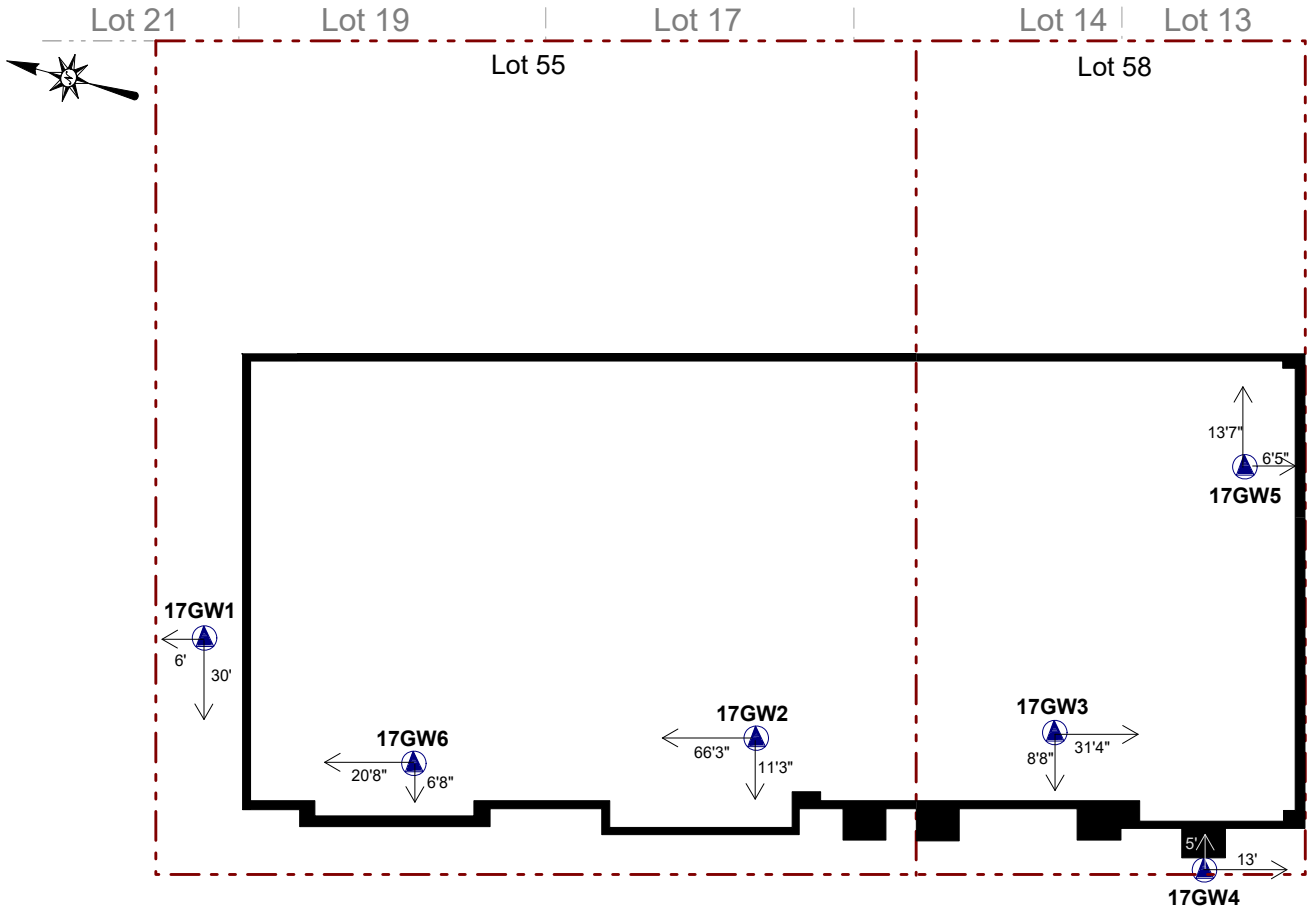
Notes:
RL- Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standar

TABLE 2
Pre and Post Carbon Analytical Results
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	Pre Carbon										Post Carbon									
			1/30/2018 (µg/m3)		2/28/2018 (µg/m3)		3/15/2018 (µg/m3)		6/14/2018 (µg/m3)		8/23/2018 (µg/m3)		1/30/2018 (µg/m3)		2/28/2018 (µg/m3)		3/15/2018 (µg/m3)		6/14/2018 (µg/m3)		8/23/2018 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.25**	0.20	< 3.00	3.00	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**2.26**	1.00	< 15.0	15.0	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**4.87**	1.00	< 1.00	1.00	**1.78**	1.00	**414**	15.0	**870**	15.0	**4.62**	1.00	< 1.00	1.00	**3.39**	1.00	< 15.0	15.0	**9.14**	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	**2.06**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**1.58**	1.00	< 1.00	1.00	< 1.00	1.00	**349**	15.0	**570**	15.0	**1.53**	1.00	< 1.00	1.00	**1.18**	1.00	< 15.0	15.0	**9.43**	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
2-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
4-Ethyltoluene		NA	**4.79**	1.00	< 1.00	1.00	< 1.00	1.00	**757**	15.0	**747**	15.0	**4.87**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**4.61**	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**24.8**	15.0	**33.2**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
4-Methyl-2-pentanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.21**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Acetone		NA	**25.4**	1.00	**9.45**	1.00	**41.3**	1.00	**175**	15.0	**193**	15.0	**15.3**	1.00	**7.76**	1.00	**32.3**	1.00	< 15.0	15.0	**166**	15.0
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**2.36**	1.00
Benzene		<1.6 - 4.7	**1.47**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**1.59**	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**15.5**	15.0	**3.64**	1.00	< 1.00	1.00	< 1.00	1.00	**17.6**	15.0	**5.38**	1.00
Carbon Tetrachloride	5	<3.1	**0.75**	0.20	< 0.20	0.20	**0.74**	0.20	< 3.00	3.00	**0.57**	0.20	< 0.20	0.20	**0.74**	0.20	< 0.20	0.20	< 3.00	3.00	**0.27**	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Chloroform		<2.4	**5.95**	1.00	< 1.00	1.00	**11.9**	1.00	< 15.0	15.0	**18.3**	1.00	< 1.00	1.00	**4.19**	1.00	< 1.00	1.00	< 15.0	15.0	**18**	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Cyclohexane		NA	**2.21**	1.00	< 1.00	1.00	< 1.00	1.00	**1,110**	15.0	**117**	15.0	< 1.00	1.00	**1.42**	1.00	< 1.00	1.00	**1,420**	15.0	**375**	15.0
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Dichlorodifluromethane		NA	**3.69**	1.00	**3.47**	1.00	**4.03**	1.00	< 15.0	15.0	**2.76**	1.00	**2.52**	1.00	**2.87**	1.00	**4.05**	1.00	< 15.0	15.0	**2.7**	1.00
Ethanol			**19.6**	1.00	**4.73**	1.00	**11.9**	1.00	**22.8**	15.0	**15.6**	1.00	**22.8**	1.00	**1.75**	1.00	**45.2**	1.00	**28.1**	15.0	**27.5**	1.00
Ethyl Acetate		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.23**	1.00	< 15.0	15.0	< 1.00	1.00
Ethylbenzene		<4.3	**3.11**	1.00	< 1.00	1.00	**2.1**	1.00	**798**	15.0	**116**	1.00	**2.12**	1.00	< 1.00	1.00	**1.56**	1.00	< 15.0	15.0	**612**	15.0
Heptane		NA	**3.2**	1.00	< 1.00	1.00	< 1.00	1.00	**3,030**	150	**310**	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**9,460**	1,200	**1,360**	15.0
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Hexane		<1.5	**2.61**	1.00	**1.05**	1.00	< 1.00	1.00	**1,390**	15.0	**110**	15.0	< 1.00	1.00	**1.29**	1.00	< 1.00	1.00	**1,890**	15.0	**339**	15.0
Isopropylalcohol		NA	**17.3**	1.00	< 1.00	1.00	**2.51**	1.00	< 15.0	15.0	**2.51**	1.00	**4.3**	1.00	**5.55**	1.00	**4.13**	1.00	< 15.0	15.0	**4.3**	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**84.5**	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**44.9**	1.00
Xylene (m&p)		<4.3	**11.1**	1.00	< 1.00	1.00	**7.81**	1.00	**3,220**	15.0	**911**	15.0	**7.72**	1.00	**3.1**	1.00	**6.86**	1.00	< 15.0	15.0	**3,390**	15.0
Methyl Ethyl Ketone			**8.96**	1.00	**5.25**	1.00	**4.13**	1.00	< 15.0	15.0	**3.01**	1.00	**3.65**	1.00	**2.4**	1.00	**6.1**	1.00	< 15.0	15.0	**12.2**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	**7.71**	3.00	< 45.1	45.1	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	**128**	6.01	< 45.1	45.1	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**23**	15.0	**95.5**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Xylene (o)		<4.3	**4.29**	1.00	< 1.00	1.00	**2.94**	1.00	**733**	15.0	**132**	1.00	**3.36**	1.00	**1.4**	1.00	**3.29**	1.00	< 15.0	15.0	**98.9**	1.00
Propylene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**2.34**	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**15.4**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Styrene		<1.0	**1.6**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.56**	1.00	< 1.00	1.00	**1.58**	1.00	< 15.0	15.0	< 1.00	1.00
Tetrachloroethene	30		**42.5**	0.25	**0.73**	0.25	**36.2**	0.25	**25.1**	3.75	**57**	0.25	**2.71**	0.25	**25.8**	0.25	**1.12**	0.25	**16.7**	3.75	**43.9**	0.25
Tetrahydrofuran		NA	**29**	1.00	**10.8**	1.00	**8.96**	1.00	< 15.0	15.0	< 1.00	1.00	**14.9**	1.00	**4.57**	1.00	**24.5**	1.00	< 15.0	15.0	< 1.00	1.00
Toluene		1.0 - 6.1	**32.1**	1.00	< 1.00	1.00	**4.33**	1.00	**94.5**	15.0	< 1.00	1.00	**7.95**	1.00	**4.37**	1.00	**6.59**	1.00	< 15.0	15.0	**11.1**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**1.05**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Trichloroethene	2	<1.7	**0.27**	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	**0.33**	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	**0.49**	0.20
Trichlorofluoromethane		NA	**1.24**	1.00	**2.17**	1.00	**1.75**	1.00	< 15.0	15.0	**1.36**	1.00	< 1.00	1.00	**1.3**	1.00	**2.95**	1.00	< 15.0	15.0	**1.11**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 2.99	2.99	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 2.99	2.99	< 0.20	0.20
BTEX			**52.07**		**0**		**17.18**		**4,845.5**		**1,159**		**21.15**		**8.87**		**18.3**		**0**		**4,112**	
Total VOCs			**227.59**		**37.65**		**152.15**		**12,266.2**		**4,326.23**		**101.12**		**68.51**		**278.8**		**12,832.4**		**6,542.22**	

Notes:
NA No guidance value or standard available
(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH

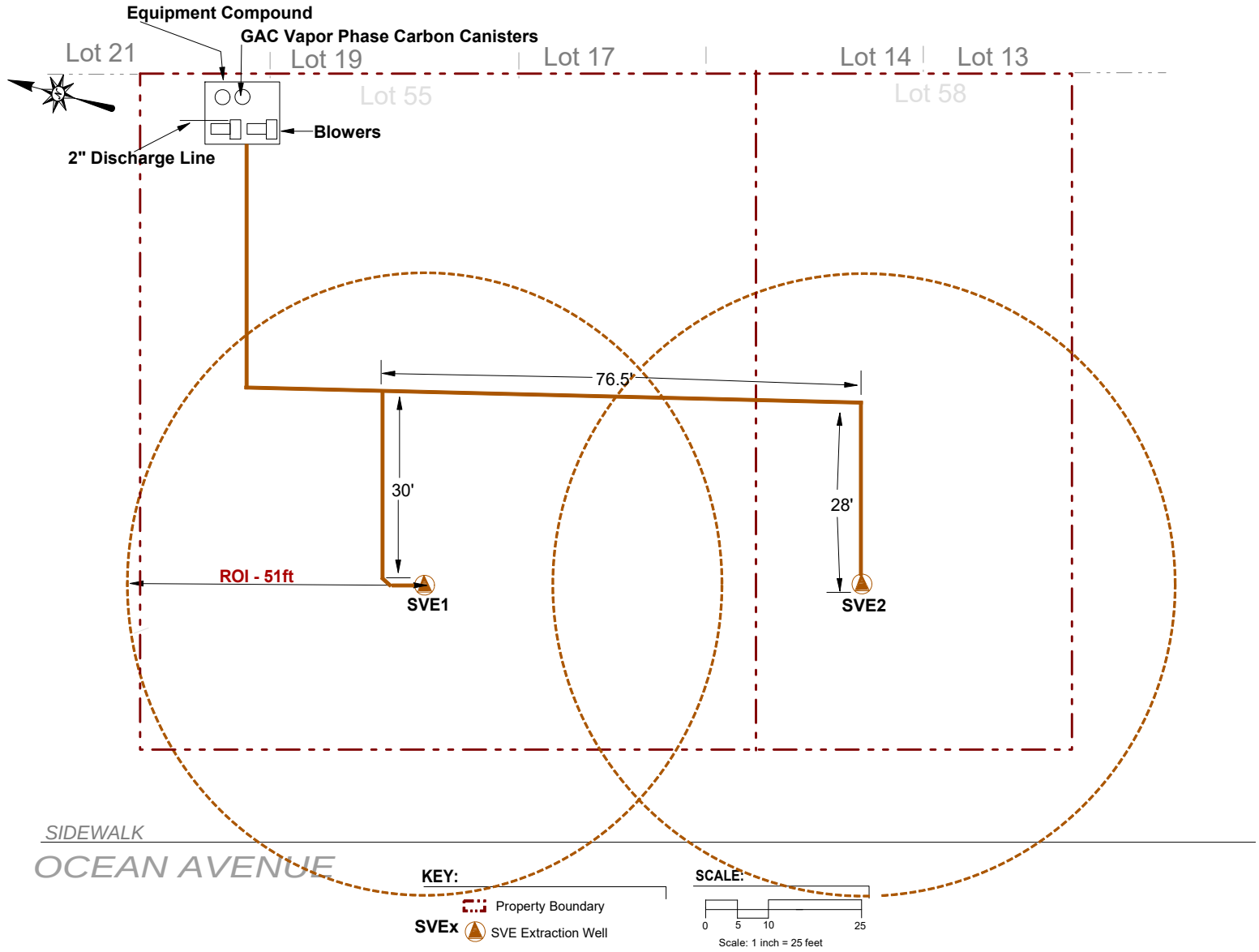
FIGURES



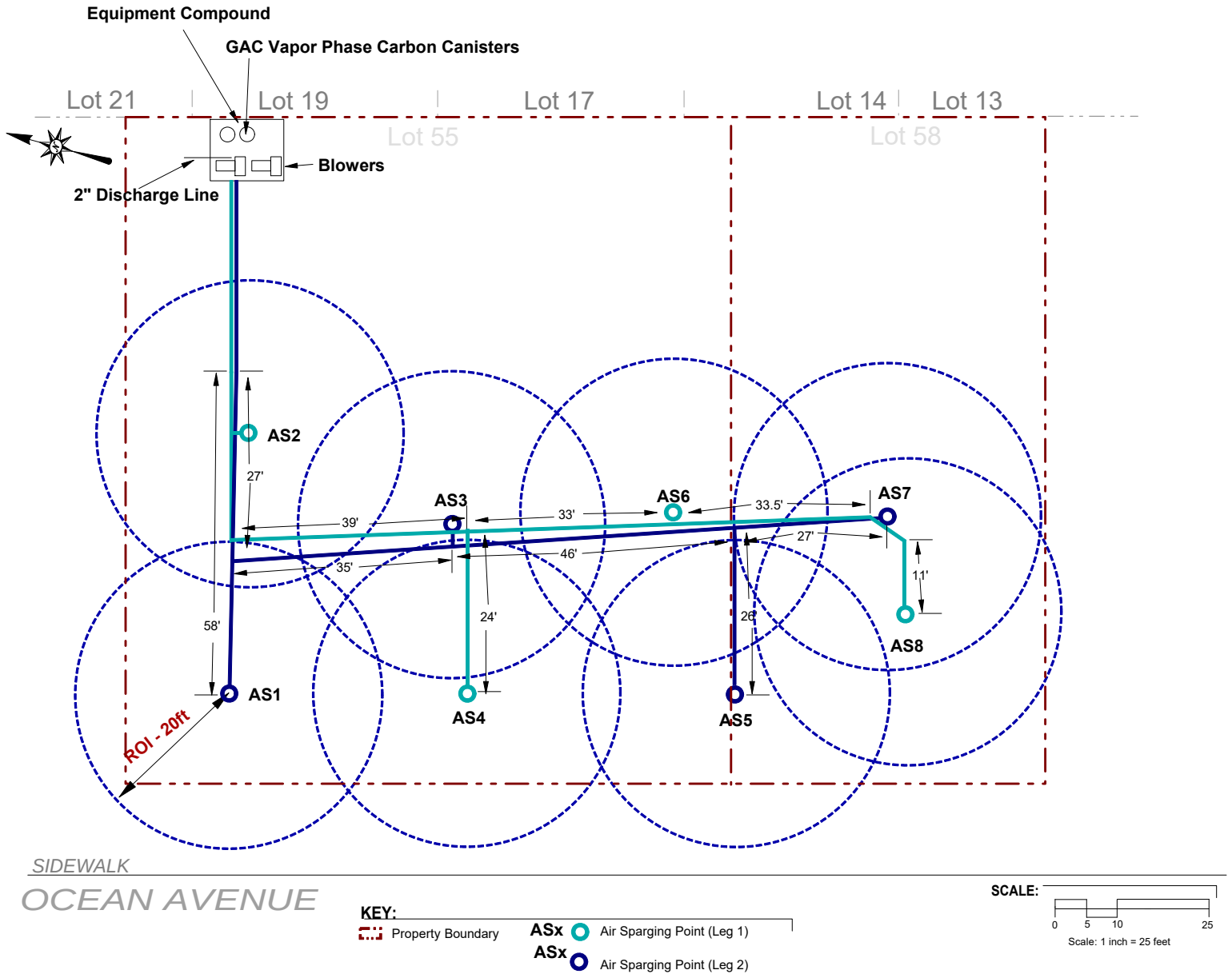
AMC Engineeting, PLLC
18-36 42nd Street
Astoria, NY 11105

Figure No.
5

Site Name: FORMER TOMAT SERVICE STATION
Site Address: 1815-1825 OCEAN AVENUE, BROOKLYN, NY
Drawing Title: MONITORING WELL LOCATIONS



AMC Engineeting, PLLC 18-36 42nd Street Astoria, NY 11105	*Figure No.* **9**	Site Name:	FORMER TOMAT SERVICE STATION
		Site Address:	1815-1825 OCEAN AVENUE, BROOKLYN, NY
		Drawing Title:	SOIL VAPOR EXTRACTION SYSTEM LAYOUT



AMC Engineeting, PLLC
18-36 42nd Street
Astoria, NY 11105

Figure No. **10**

Site Name:	FORMER TOMAT SERVICE STATION
Site Address:	1815-1825 OCEAN AVENUE, BROOKLYN, NY
Drawing Title:	AIR SPARGE SYSTEM LAYOUT

APPENDIX A

WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORMS

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

1815-1825 Ocean Avenue Brooklyn NY

GROUNDWATER PURGE / SAMPLE LOGS

FBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW1

Well Depth (from TOC): 30.40'

Static Water Level (from TOC): 21.18'

Height of Water in Well: 9.22'

Gallons of Water per Well Volume: 4.61

Flow Rate: 400ml/min.

Date: 8-27-18 ~~8-23-18~~

Equipment: Horiba, Peristaltic Pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
8:05	0	400ml/min	7.14	.662	19.25	6.67	~~-8~~-67	401		Turbid
8:09	.33		6.97	.675	18.83	3.36	-58	104		Tightly turbid
8:13	.55		6.65	.672	18.72	3.15	-51	71.6		Clear
8:15	.88		6.64	.671	18.60	3.22	-56	40.8		Clear
8:20	1.43		6.89	.672	18.56	3.18	-66	16.5		Clear
8:25	1.98		6.90	.674	18.58	3.15	-70	29.5		clear
8:30	2.53	↓ 6.91	~~6.90~~	.676	18.62	3.20	-73	19.3		clear

Note 400 ml = 0.11 gallons

1815-1825 Ocean Avenue Brooklyn NY

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW2

Well Depth (from TOC): 20.14

Static Water Level (from TOC): 10.28

Height of Water in Well: 9.91'

Gallons of Water per Well Volume: 4.955

Flow Rate: 400ml/min.

Date: ~~8-23-18~~ 8-27-18

Equipment: Horiba, Peristaltic Pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
12:09	400ml/min	0	6.56	1.25	18.52	10.25	16	1000		Turbid
12:12		.33	6.80	1.17	17.72	9.12	-6	164		lightly turbid
12:14		.55	6.81	1.16	17.66	8.11	-8	86.4		clear
12:17		.88	6.81	1.16	17.57	5.85	-6	123		lightly turbid
12:22		1.43	6.85	1.14	17.49	4.68	-8	66.9		clear
12:27		1.98	6.82	1.15	17.43	4.23	-3	42.5		clear
12:32		2.53	6.82	1.15	17.39	4.11	-2	40.0		clear

Note 400 ml = 0.11 gallons

1815-1825 Ocean Avenue Brooklyn NY

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 176GW3

Well Depth (from TOC): 21.11

Static Water Level (from TOC): 11.49'

Height of Water in Well: 9.62'

Gallons of Water per Well Volume: 1.81

Flow Rate: 400ml/min.

Date: ~~8-23-18~~ 8-27-18

Equipment: Horiba, Peristaltic Pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
11:09	400ml/min	0	6.64	.994	17.35	9.50	-42	314		Turbid
11:11		.33	6.59	.992	17.04	8.64	-24	179		lightly turbid
11:13		.55	6.54	1.02	16.87	7.79	-13	88.6		clear
11:16		.88	6.53	1.04	16.79	6.82	-15	27.1		clear
11:21		1.43	6.53	1.04	16.68	5.62	-18	4.9		clear
11:26		1.98	6.54	1.04	16.62	4.62	-19	3.1		Clear
11:31		2.53	6.54	1.03	16.54	3.39	-19	3.1		clear

Note 400 ml = 0.11 gallons

1815-1825 Ocean Avenue Brooklyn NY

GROUNDWATER PURGE / SAMPLE LOGS

FBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW4

Date: ~~8-23-18~~ 8-27-18

Well Depth (from TOC): 30.40'

Static Water Level (from TOC): 21.75'

Height of Water in Well: 8.65'

Gallons of Water per Well Volume: 4.325

Equipment: Horiba, Peristaltic Pump

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
2:03	400ml/min	0	7.15	1.44	19.05	3.24	5	640		Turbid
2:06		.33	7.31	1.39	17.87	3.28	-5	156		lightly turbid
2:08		.55	7.31	1.15	17.47	3.01	-14	46.5		clear
2:11		.88	7.32	1.07	17.31	3.40	-32	24.1		clear
2:16		1.43	7.32	1.05	17.30	1.90	-53	12.3		Clear
2:21		1.98	7.32	.987	17.25	1.33	-63	32.7		Clear
2:26		2.53	7.31	.965	17.21	1.19	-66	11.7		Clear

Note 400 ml = 0.11 gallons

1815-1825 Ocean Avenue Brooklyn NY

GROUNDWATER PURGE / SAMPLE LOGS

FBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GWS

Well Depth (from TOC): 18.68

Static Water Level (from TOC): 11.40

Height of Water in Well: 7.28'

Gallons of Water per Well Volume: 3.64*

Flow Rate: 400ml/min.

Date: ~~8-23-18~~ 8/27/18

Equipment: Horiba, Peristaltic Pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
9:45	400ml/min	0	7.16	.496	17.81	9.98	-112	456		Turbid
9:48	↓	.33	7.16	.477	17.14	8.04	-124	63.1		clear
9:50		.55	7.16	.474	17.08	6.44	-128	15.1		clear
9:53		.88	7.18	.470	17.07	4.95	-127	8.3		clear
9:58		1.43	7.13	.465	17.01	3.93	-128	6.8		clear
10:03		1.98	7.12	.463	17.01	3.36	-124	7.2		clear
10:08		2.53	7.12	.462	16.96	2.92	-125	6.8		clear

Note 400 ml = 0.11 gallons

1815-1825 Ocean Avenue Brooklyn NY

GROUNDWATER PURGE / SAMPLE LOGS

FBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW6

Date: ~~8-23-18~~ 8-27-18

Well Depth (from TOC): 21.15'

Static Water Level (from TOC): 11.47'

Height of Water in Well: 9.68'

Gallons of Water per Well Volume: 4.84

Flow Rate: 400ml/min.

Equipment: Horiba, Peristaltic Pump

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
1:00	400ml/min	0	7.38	.610	17.95	7.16	-110	503		Turbid
1:03		.33	7.21	.609	17.65	5.11	-98	109		lightly turbid
1:05		.55	7.12	.602	17.54	3.03	-86	51.8		Clear
1:08		.88	7.03	.590	17.53	2.31	-72	22.5		clear
1:13		1.43	7.01	.585	17.49	1.37	-65	14.3		Clear
1:18		1.98	6.98	.584	17.44	1.15	-63	15.1		Clear
1:23		2.53	6.99	.586	17.47	1.00	-63	13.0		Clear

Note 400 ml = 0.11 gallons

APPENDIX B

GROUNDWATER LABORATORY REPORTS

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

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20135

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,4-Trimethylbenzene	81		5.0	2.5	ug/L	10	08/30/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,3,5-Trimethylbenzene	5.1		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	
2-Isopropyltoluene	0.31	J	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 1

Phoenix I.D.: CB20135

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	7.4	S	5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/28/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Ethylbenzene	65		5.0	2.5	ug/L	10	08/30/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/28/18	MH	SW8260C	
Isopropylbenzene	5.8		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
m&p-Xylene	29		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/28/18	MH	SW8260C	
Naphthalene	24		10	10	ug/L	10	08/30/18	MH	SW8260C	
n-Butylbenzene	0.70	J	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
n-Propylbenzene	11		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
p-Isopropyltoluene	0.50	J	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
sec-Butylbenzene	0.68	J	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/28/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	08/28/18	MH	70 - 130 %	
% Bromofluorobenzene	98				%	1	08/28/18	MH	70 - 130 %	
% Dibromofluoromethane	94				%	1	08/28/18	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	08/28/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	08/28/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	08/28/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	08/28/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	08/28/18	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	08/28/18	MH	SW8260C
Client MS/MSD	Completed					08/30/18		

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20136

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2,4-Trimethylbenzene	0.46	J	1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	08/30/18	MH	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	08/30/18	MH	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	08/30/18	MH	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	08/30/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 2

Phoenix I.D.: CB20136

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.8	JS	5.0	2.5	ug/L	1	08/30/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/30/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/30/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/30/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/30/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/30/18	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/30/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/30/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	08/30/18	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/30/18	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/30/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/30/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/30/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	95				%	1	08/30/18	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	08/30/18	MH	70 - 130 %	
% Dibromofluoromethane	90				%	1	08/30/18	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	08/30/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	08/30/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	08/30/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	08/30/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	08/30/18	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	08/30/18	MH	SW8260C

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20137

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.50	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,2,4-Trimethylbenzene	150	5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	1.0	ug/L	2	08/29/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.50	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,2-Dichloroethane	ND	1.0	1.0	ug/L	2	08/29/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,3,5-Trimethylbenzene	16	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
2-Hexanone	ND	5.0	5.0	ug/L	2	08/29/18	MH	SW8260C	
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	1
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	08/29/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 3

Phoenix I.D.: CB20137

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	12	S	10	5.0	ug/L	2	08/29/18	MH	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	2	08/29/18	MH	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	2	08/29/18	MH	SW8260C	
Benzene	ND		0.70	0.50	ug/L	2	08/29/18	MH	SW8260C	
Bromobenzene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Bromochloromethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Bromodichloromethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Bromoform	ND		10	0.50	ug/L	2	08/29/18	MH	SW8260C	
Bromomethane	ND		5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Carbon Disulfide	0.65	J	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Carbon tetrachloride	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Chloroethane	ND		5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Chloroform	ND		7.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Chloromethane	ND		5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	08/29/18	MH	SW8260C	
Dibromochloromethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Dibromomethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Dichlorodifluoromethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Ethylbenzene	55		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.40	ug/L	2	08/29/18	MH	SW8260C	
Isopropylbenzene	6.7		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
m&p-Xylene	25		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Methyl ethyl ketone	ND		5.0	5.0	ug/L	2	08/29/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Methylene chloride	ND		5.0	2.0	ug/L	2	08/29/18	MH	SW8260C	
Naphthalene	24		2.0	2.0	ug/L	2	08/29/18	MH	SW8260C	
n-Butylbenzene	1.9	J	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
n-Propylbenzene	15		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
o-Xylene	1.0	J	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
p-Isopropyltoluene	1.0	J	2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
sec-Butylbenzene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Styrene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
tert-Butylbenzene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Tetrachloroethene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		10	5.0	ug/L	2	08/29/18	MH	SW8260C	1
Toluene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.50	0.50	ug/L	2	08/29/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		5.0	5.0	ug/L	2	08/29/18	MH	SW8260C	
Trichloroethene	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Trichlorofluoromethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
Vinyl chloride	ND		2.0	0.50	ug/L	2	08/29/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	2	08/29/18	MH	70 - 130 %	
% Bromofluorobenzene	101				%	2	08/29/18	MH	70 - 130 %	
% Dibromofluoromethane	97				%	2	08/29/18	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101			%	2	08/29/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	200		ug/l	2	08/29/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0		ug/L	2	08/29/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	2	08/29/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	2	08/29/18	MH	SW8260C
Tert-butyl alcohol	ND	100		ug/L	2	08/29/18	MH	SW8260C

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

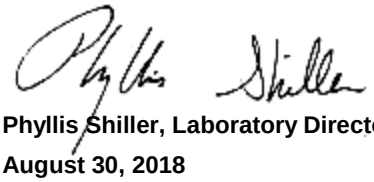
Comments:

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

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.

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20138

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,4-Trimethylbenzene	2.7	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
2-Isopropyltoluene	1.2	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 4

Phoenix I.D.: CB20138

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.8	JS	5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloromethane	0.31	J	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Ethylbenzene	0.45	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/29/18	MH	SW8260C	
Isopropylbenzene	3.9		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/29/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	08/29/18	MH	SW8260C	
n-Butylbenzene	4.5		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
n-Propylbenzene	13		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
p-Isopropyltoluene	0.66	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
sec-Butylbenzene	2.9		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
tert-Butylbenzene	0.39	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Tetrachloroethene	0.50	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	08/29/18	MH	70 - 130 %	
% Bromofluorobenzene	101				%	1	08/29/18	MH	70 - 130 %	
% Dibromofluoromethane	101				%	1	08/29/18	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	08/29/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	08/29/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	08/29/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	08/29/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	08/29/18	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	08/29/18	MH	SW8260C

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20139

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,4-Trimethylbenzene	140	5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3,5-Trimethylbenzene	12	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
2-Isopropyltoluene	4.9	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 5

Phoenix I.D.: CB20139

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	2.6	JS	5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloromethane	1.5	J	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Ethylbenzene	25		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/29/18	MH	SW8260C	
Isopropylbenzene	49		5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
m&p-Xylene	13		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/29/18	MH	SW8260C	
Naphthalene	92		20	20	ug/L	20	08/29/18	MH	SW8260C	
n-Butylbenzene	16		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
n-Propylbenzene	130		5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
o-Xylene	0.54	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
p-Isopropyltoluene	6.4		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
sec-Butylbenzene	11		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
tert-Butylbenzene	1.2		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	1
Toluene	0.53	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	08/29/18	MH	70 - 130 %	
% Bromofluorobenzene	111				%	1	08/29/18	MH	70 - 130 %	
% Dibromofluoromethane	92				%	1	08/29/18	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	111			%	1	08/29/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	08/29/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	08/29/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	08/29/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	08/29/18	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	08/29/18	MH	SW8260C

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

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

NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20140

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,2,4-Trimethylbenzene	260	5.0	5.0	ug/L	20	08/29/18	PS	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	08/29/18	PS	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	08/29/18	PS	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,3,5-Trimethylbenzene	59	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	08/29/18	PS	SW8260C	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	08/29/18	PS	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: 17 GW 6

Phoenix I.D.: CB20140

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	08/29/18	PS	SW8260C	
Acrolein	ND		5.0	5.0	ug/L	5	08/29/18	PS	SW8260C	
Acrylonitrile	ND		5.0	13	ug/L	5	08/29/18	PS	SW8260C	
Benzene	ND		1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	08/29/18	PS	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Ethylbenzene	150		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	08/29/18	PS	SW8260C	
Isopropylbenzene	9.9		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
m&p-Xylene	260		20	5.0	ug/L	20	08/29/18	PS	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	08/29/18	PS	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	08/29/18	PS	SW8260C	
Naphthalene	56		5.0	5.0	ug/L	5	08/29/18	PS	SW8260C	
n-Butylbenzene	3.2	J	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
n-Propylbenzene	24		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
o-Xylene	15		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
p-Isopropyltoluene	1.6	J	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
sec-Butylbenzene	1.9	J	5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	08/29/18	PS	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	08/29/18	PS	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	08/29/18	PS	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	08/29/18	PS	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	5	08/29/18	PS	70 - 130 %	
% Bromofluorobenzene	100				%	5	08/29/18	PS	70 - 130 %	
% Dibromofluoromethane	94				%	5	08/29/18	PS	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	5	08/29/18	PS	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	500		ug/l	5	08/29/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0		ug/L	5	08/29/18	MH	SW8260C
Acrolein	ND	13		ug/L	5	08/29/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	5	08/29/18	MH	SW8260C
Tert-butyl alcohol	ND	250		ug/L	5	08/29/18	MH	SW8260C

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. 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
August 30, 2018
Official Report Release To Follow

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20141

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2,4-Trimethylbenzene	150	5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/29/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3,5-Trimethylbenzene	14	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
2-Isopropyltoluene	4.7	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: CB20141

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	5.5	S	5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Chloromethane	2.2	J	5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Ethylbenzene	25		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/29/18	MH	SW8260C	
Isopropylbenzene	47		5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
m&p-Xylene	13		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/29/18	MH	SW8260C	
Naphthalene	83		20	20	ug/L	20	08/29/18	MH	SW8260C	
n-Butylbenzene	15		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
n-Propylbenzene	130		5.0	5.0	ug/L	20	08/29/18	MH	SW8260C	
o-Xylene	0.55	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
p-Isopropyltoluene	6.4		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
sec-Butylbenzene	11		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
tert-Butylbenzene	1.2		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/29/18	MH	SW8260C	1
Toluene	0.54	J	1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/29/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/29/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/29/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	08/29/18	MH	70 - 130 %	
% Bromofluorobenzene	114				%	1	08/29/18	MH	70 - 130 %	
% Dibromofluoromethane	91				%	1	08/29/18	MH	70 - 130 %	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: CB20141

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	109			%	1	08/29/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	08/29/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	08/29/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	08/29/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	08/29/18	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	08/29/18	MH	SW8260C

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 30, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	SI	08/27/18	
Location Code:	EBC	Received by:	SW	08/28/18	15:00
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCB20135
Phoenix ID: CB20142

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: GW-TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/28/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: GW-TRIP BLANK

Phoenix I.D.: CB20142

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	12	S	5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/28/18	MH	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/28/18	MH	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/28/18	MH	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	08/28/18	MH	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/28/18	MH	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/28/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/28/18	MH	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/28/18	MH	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	94				%	1	08/28/18	MH	70 - 130 %	
% Bromofluorobenzene	94				%	1	08/28/18	MH	70 - 130 %	
% Dibromofluoromethane	91				%	1	08/28/18	MH	70 - 130 %	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: GW-TRIP BLANK

Phoenix I.D.: CB20142

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	08/28/18	MH	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100		ug/l	1	08/28/18	MH	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0		ug/L	1	08/28/18	MH	SW8260C
Acrolein	ND	5.0		ug/L	1	08/28/18	MH	SW8260C
Acrylonitrile	ND	5.0		ug/L	1	08/28/18	MH	SW8260C
Tert-butyl alcohol	ND	50		ug/L	1	08/28/18	MH	SW8260C

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 LOD=Limit of Detection MDL=Method Detection Limit1
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:

TRIP BLANK INCLUDED.

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.

S - Laboratory solvent, contamination is possible.

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

Phyllis Shiller, Laboratory Director
August 30, 2018
Official Report Release To Follow

Sample Criteria Exceedances Report

GCB20135 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CB20135	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	24	10	10	10	ug/L
CB20135	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	24	10	5	5	ug/L
CB20135	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	65	5.0	5	5	ug/L
CB20135	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	24	10	10	10	ug/L
CB20135	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CB20135	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CB20135	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	5.8	1.0	5	5	ug/L
CB20135	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	65	5.0	5	5	ug/L
CB20135	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CB20135	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CB20135	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	81	5.0	5	5	ug/L
CB20135	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	5.1	1.0	5	5	ug/L
CB20135	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	5.1	1.0	5	5	ug/L
CB20135	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CB20135	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	65	5.0	5	5	ug/L
CB20135	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CB20135	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	5.8	1.0	5	5	ug/L
CB20135	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	81	5.0	5	5	ug/L
CB20135	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CB20135	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	11	1.0	5	5	ug/L
CB20135	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria (SPLP)	24	10	10	10	ug/L
CB20136	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CB20136	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CB20136	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CB20136	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CB20136	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CB20136	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CB20137	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	24	2.0	10	10	ug/L
CB20137	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	55	2.0	5	5	ug/L
CB20137	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	24	2.0	5	5	ug/L
CB20137	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	16	2.0	5	5	ug/L
CB20137	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CB20137	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	15	2.0	5	5	ug/L
CB20137	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	24	2.0	10	10	ug/L
CB20137	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	6.7	2.0	5	5	ug/L
CB20137	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	55	2.0	5	5	ug/L
CB20137	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.4	0.4	ug/L
CB20137	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
CB20137	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
CB20137	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Sample Criteria Exceedances Report

GCB20135 - EBC

Criteria: NY: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CB20137	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.0006	0.0006	ug/L
CB20137	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	5.0	5	5	ug/L
CB20137	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.0	0.6	0.6	ug/L
CB20137	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.4	0.4	ug/L
CB20137	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CB20137	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	15	2.0	5	5	ug/L
CB20137	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	150	5.0	5	5	ug/L
CB20137	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.0	0.04	0.04	ug/L
CB20137	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.7	2.0	5	5	ug/L
CB20137	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	55	2.0	5	5	ug/L
CB20137	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.0006	0.0006	ug/L
CB20137	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.4	0.4	ug/L
CB20137	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	16	2.0	5	5	ug/L
CB20137	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria (SPLP)	24	2.0	10	10	ug/L
CB20138	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
CB20138	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CB20138	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CB20138	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CB20138	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CB20138	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CB20138	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	13	1.0	5	5	ug/L
CB20138	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CB20139	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	92	20	10	10	ug/L
CB20139	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	25	1.0	5	5	ug/L
CB20139	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	92	20	5	5	ug/L
CB20139	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CB20139	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	130	5.0	5	5	ug/L
CB20139	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.4	1.0	5	5	ug/L
CB20139	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	49	5.0	5	5	ug/L
CB20139	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CB20139	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	25	1.0	5	5	ug/L
CB20139	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CB20139	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CB20139	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CB20139	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	140	5.0	5	5	ug/L
CB20139	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CB20139	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	92	20	10	10	ug/L
CB20139	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CB20139	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	25	1.0	5	5	ug/L
CB20139	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L

Sample Criteria Exceedances Report

GCB20135 - EBC

Criteria: NY: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CB20139	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	140	5.0	5	5	ug/L
CB20139	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	49	5.0	5	5	ug/L
CB20139	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CB20139	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	12	1.0	5	5	ug/L
CB20139	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	130	5.0	5	5	ug/L
CB20139	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.4	1.0	5	5	ug/L
CB20139	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	11	1.0	5	5	ug/L
CB20139	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria (SPLP)	92	20	10	10	ug/L
CB20139	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	16	1.0	5	5	ug/L
CB20140	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	56	5.0	10	10	ug/L
CB20140	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	56	5.0	5	5	ug/L
CB20140	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	150	5.0	5	5	ug/L
CB20140	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	15	5.0	5	5	ug/L
CB20140	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.3	0.7	0.7	ug/L
CB20140	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CB20140	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CB20140	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	5.0	5	5	ug/L
CB20140	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CB20140	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	9.9	5.0	5	5	ug/L
CB20140	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	24	5.0	5	5	ug/L
CB20140	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
CB20140	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CB20140	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CB20140	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	56	5.0	10	10	ug/L
CB20140	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	260	5.0	5	5	ug/L
CB20140	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CB20140	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CB20140	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CB20140	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CB20140	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CB20140	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	59	5.0	5	5	ug/L
CB20140	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CB20140	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	24	5.0	5	5	ug/L
CB20140	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	59	5.0	5	5	ug/L
CB20140	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	13	5	5	ug/L
CB20140	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	0.4	0.4	ug/L
CB20140	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	0.04	0.04	ug/L
CB20140	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	1	1	ug/L
CB20140	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	2.5	0.6	0.6	ug/L
CB20140	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	1	1	ug/L
CB20140	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	0.0006	0.0006	ug/L

Sample Criteria Exceedances Report

GCB20135 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CB20140	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	260	5.0	5	5	ug/L
CB20140	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	1	1	ug/L
CB20140	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	2.5	0.04	0.04	ug/L
CB20140	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	9.9	5.0	5	5	ug/L
CB20140	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.0	0.5	0.5	ug/L
CB20140	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria (SPLP)	56	5.0	10	10	ug/L
CB20140	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria (SPLP)	15	5.0	5	5	ug/L
CB20140	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	150	5.0	5	5	ug/L
CB20140	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	1.3	0.4	0.4	ug/L
CB20141	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	83	20	10	10	ug/L
CB20141	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	25	1.0	5	5	ug/L
CB20141	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	83	20	5	5	ug/L
CB20141	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	25	1.0	5	5	ug/L
CB20141	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	47	5.0	5	5	ug/L
CB20141	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	83	20	10	10	ug/L
CB20141	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
CB20141	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.4	1.0	5	5	ug/L
CB20141	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CB20141	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	5.0	5	5	ug/L
CB20141	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	130	5.0	5	5	ug/L
CB20141	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CB20141	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CB20141	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CB20141	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CB20141	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	11	1.0	5	5	ug/L
CB20141	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria (SPLP)	6.4	1.0	5	5	ug/L
CB20141	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	150	5.0	5	5	ug/L
CB20141	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CB20141	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	14	1.0	5	5	ug/L
CB20141	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	15	1.0	5	5	ug/L
CB20141	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria (SPLP)	83	20	10	10	ug/L
CB20141	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L
CB20141	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L
CB20141	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	47	5.0	5	5	ug/L
CB20141	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	25	1.0	5	5	ug/L
CB20141	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria (SPLP)	130	5.0	5	5	ug/L
CB20142	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CB20142	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CB20142	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CB20142	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.0006	0.0006	ug/L

Sample Criteria Exceedances Report

GCB20135 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CB20142	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.25	0.04	0.04	ug/L
CB20142	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria (SPLP)	ND	0.50	0.04	0.04	ug/L

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4.7 °C Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
[ ] Fax:
[X] Phone: 631-504-6000
[ ] Email:

Customer: Environmental Business Consultants
Address: 1808 Middle Country Road
Ridge, NY 11961

Project: 1815 Ocean Ave, Brooklyn
Report to: Environmental Business Consultants
Invoice to: Environmental Business Consultants

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Sean Tyce Date: 8/27/18

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	VOCs	Soil VOA Vials [ ]	GL Soil container [ ] methanol [ ] H2O	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
20135	17GW1	GW	8/27		X				9						
20136	17GW2	GW	↓		X				3						
20137	17GW3	GW			X				3						
20138	17GW4	GW			X				3						
20139	17GW5	GW			X				3						
20140	17GW6	GW			X				3						
20141	Duplicate	GW			X				3						
20142	GW-Tripblanks				X				2						

Relinquished by:	Accepted by:	Date:	Time:
S-Tyce		8-28-18	1142
	Kaylie Runkel	8-28-18	1500

Comments, Special Requirements or Regulations:
Run 17GW1 for ms/msd

Call Chawinie w/ any questions

Turnaround:
[ ] 1 Day*
[X] 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
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

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

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

State where samples were collected: NY

APPENDIX C

AIR SAMPLE LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Friday, August 31, 2018

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

Project ID: 1815 OCEAN AVE BROOKLYN
Sample ID#s: CB18754 - CB18755

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

August 31, 2018

SDG I.D.: GCB18754

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

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

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

August 31, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	SI	08/23/18	11:39
Location Code:	EBC	Received by:	SW	08/24/18	18:15
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23344				

Laboratory Data

SDG ID: GCB18754
Phoenix ID: CB18754

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: PRE CARBON

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	08/25/18	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	08/25/18	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2,4-Trimethylbenzene	177	*3.05*	3.05	870	*15.0*	15.0	08/28/18	KCA	15	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	08/25/18	KCA	1	
1,3,5-Trimethylbenzene	116	*3.05*	3.05	570	*15.0*	15.0	08/28/18	KCA	15	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	08/25/18	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/25/18	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/25/18	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	08/25/18	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	08/25/18	KCA	1	1
4-Ethyltoluene	152	*3.05*	3.05	747	*15.0*	15.0	08/28/18	KCA	15	1
4-Isopropyltoluene	6.06	*0.182*	0.182	33.2	*1.00*	1.00	08/25/18	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	08/25/18	KCA	1	
Acetone	81.1	*6.32*	6.32	193	*15.0*	15.0	08/28/18	KCA	15	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	08/25/18	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	08/25/18	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	08/25/18	KCA	1	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: PRE CARBON

Phoenix I.D.: CB18754

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	08/25/18	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	08/25/18	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	08/25/18	KCA	1	
Carbon Disulfide	1.17		*0.321*	0.321	3.64	*1.00*	1.00	08/25/18	KCA	1	
Carbon Tetrachloride	0.091		*0.032*	0.032	0.57	*0.20*	0.20	08/25/18	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	08/25/18	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	08/25/18	KCA	1	
Chloroform	3.75		*0.205*	0.205	18.3	*1.00*	1.00	08/25/18	KCA	1	
Chloromethane	ND		*0.485*	0.485	ND	*1.00*	1.00	08/25/18	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	0.051	ND	*0.20*	0.20	08/25/18	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	08/25/18	KCA	1	
Cyclohexane	33.9		*4.36*	4.36	117	*15.0*	15.0	08/28/18	KCA	15	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	08/25/18	KCA	1	
Dichlorodifluoromethane	0.558		*0.202*	0.202	2.76	*1.00*	1.00	08/25/18	KCA	1	
Ethanol	8.30		*0.531*	0.531	15.6	*1.00*	1.00	08/25/18	KCA	1	1
Ethyl acetate	ND		*0.278*	0.278	ND	*1.00*	1.00	08/25/18	KCA	1	1
Ethylbenzene	26.8		*0.230*	0.230	116	*1.00*	1.00	08/25/18	KCA	1	
Heptane	75.8		*3.66*	3.66	310	*15.0*	15.0	08/28/18	KCA	15	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	08/25/18	KCA	1	
Hexane	31.2	S	*4.26*	4.26	110	*15.0*	15.0	08/28/18	KCA	15	
Isopropylalcohol	1.02		*0.407*	0.407	2.51	*1.00*	1.00	08/25/18	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	08/25/18	KCA	1	
m,p-Xylene	210		*3.46*	3.46	911	*15.0*	15.0	08/28/18	KCA	15	
Methyl Ethyl Ketone	1.02		*0.339*	0.339	3.01	*1.00*	1.00	08/25/18	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	08/25/18	KCA	1	
Methylene Chloride	ND		*0.864*	0.864	ND	*3.00*	3.00	08/25/18	KCA	1	
n-Butylbenzene	17.4		*0.182*	0.182	95.5	*1.00*	1.00	08/25/18	KCA	1	1
o-Xylene	30.5		*0.230*	0.230	132	*1.00*	1.00	08/25/18	KCA	1	
Propylene	ND		*0.581*	0.581	ND	*1.00*	1.00	08/25/18	KCA	1	1
sec-Butylbenzene	2.80		*0.182*	0.182	15.4	*1.00*	1.00	08/25/18	KCA	1	1
Styrene	ND		*0.235*	0.235	ND	*1.00*	1.00	08/25/18	KCA	1	
Tetrachloroethene	8.41		*0.037*	0.037	57.0	*0.25*	0.25	08/25/18	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	08/25/18	KCA	1	1
Toluene	ND		*0.266*	0.266	ND	*1.00*	1.00	08/25/18	KCA	1	
Trans-1,2-Dichloroethene	0.264		*0.252*	0.252	1.05	*1.00*	1.00	08/25/18	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	08/25/18	KCA	1	
Trichloroethene	0.061		*0.037*	0.037	0.33	*0.20*	0.20	08/25/18	KCA	1	
Trichlorofluoromethane	0.243		*0.178*	0.178	1.36	*1.00*	1.00	08/25/18	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	08/25/18	KCA	1	
Vinyl Chloride	ND		*0.078*	0.078	ND	*0.20*	0.20	08/25/18	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	130		*%*	%	130	*%*	%	08/25/18	KCA	1	

Ver 1

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: PRE CARBON

Phoenix I.D.: CB18754

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
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

August 31, 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

August 31, 2018

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	SI	08/23/18	11:50
Location Code:	EBC	Received by:	SW	08/24/18	18:15
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21320				

Laboratory Data

SDG ID: GCB18754
Phoenix ID: CB18755

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: POST CARBON

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	08/25/18	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	08/25/18	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	08/25/18	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2,4-Trimethylbenzene	1.86	*0.204*	0.204	9.14	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	08/25/18	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	08/25/18	KCA	1	
1,3,5-Trimethylbenzene	1.92	*0.204*	0.204	9.43	*1.00*	1.00	08/25/18	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	08/25/18	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/25/18	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/25/18	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	08/25/18	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	08/25/18	KCA	1	1
4-Ethyltoluene	0.938	*0.204*	0.204	4.61	*1.00*	1.00	08/25/18	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	08/25/18	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	08/25/18	KCA	1	
Acetone	69.9	*6.32*	6.32	166	*15.0*	15.0	08/28/18	KCA	15	
Acrylonitrile	1.09	*0.461*	0.461	2.36	*1.00*	1.00	08/25/18	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	08/25/18	KCA	1	
Benzyl chloride	0.308	*0.193*	0.193	1.59	*1.00*	1.00	08/25/18	KCA	1	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: POST CARBON

Phoenix I.D.: CB18755

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	0.149	ND	*1.00*	1.00	08/25/18	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	08/25/18	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	08/25/18	KCA	1	
Carbon Disulfide	1.73	*0.321*	0.321	5.38	*1.00*	1.00	08/25/18	KCA	1	
Carbon Tetrachloride	0.043	*0.032*	0.032	0.27	*0.20*	0.20	08/25/18	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	08/25/18	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	08/25/18	KCA	1	
Chloroform	3.68	*0.205*	0.205	18.0	*1.00*	1.00	08/25/18	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	08/25/18	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	08/25/18	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	08/25/18	KCA	1	
Cyclohexane	109	*4.36*	4.36	375	*15.0*	15.0	08/28/18	KCA	15	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	08/25/18	KCA	1	
Dichlorodifluoromethane	0.547	*0.202*	0.202	2.70	*1.00*	1.00	08/25/18	KCA	1	
Ethanol	14.6	*0.531*	0.531	27.5	*1.00*	1.00	08/25/18	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	08/25/18	KCA	1	1
Ethylbenzene	141	*3.46*	3.46	612	*15.0*	15.0	08/28/18	KCA	15	
Heptane	332	*3.66*	3.66	1360	*15.0*	15.0	08/28/18	KCA	15	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	08/25/18	KCA	1	
Hexane	96.2	*4.26*	4.26	339	*15.0*	15.0	08/28/18	KCA	15	
Isopropylalcohol	1.75	*0.407*	0.407	4.30	*1.00*	1.00	08/25/18	KCA	1	
Isopropylbenzene	9.14	*0.204*	0.204	44.9	*1.00*	1.00	08/25/18	KCA	1	
m,p-Xylene	782	*3.46*	3.46	3390	*15.0*	15.0	08/28/18	KCA	15	
Methyl Ethyl Ketone	4.13	*0.339*	0.339	12.2	*1.00*	1.00	08/25/18	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	08/25/18	KCA	1	
Methylene Chloride	ND	*0.864*	0.864	ND	*3.00*	3.00	08/25/18	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	08/25/18	KCA	1	1
o-Xylene	22.8	*0.230*	0.230	98.9	*1.00*	1.00	08/25/18	KCA	1	
Propylene	1.36	*0.581*	0.581	2.34	*1.00*	1.00	08/25/18	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	08/25/18	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	08/25/18	KCA	1	
Tetrachloroethene	6.48	*0.037*	0.037	43.9	*0.25*	0.25	08/25/18	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	08/25/18	KCA	1	1
Toluene	2.95	*0.266*	0.266	11.1	*1.00*	1.00	08/25/18	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	08/25/18	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	08/25/18	KCA	1	
Trichloroethene	0.091	*0.037*	0.037	0.49	*0.20*	0.20	08/25/18	KCA	1	
Trichlorofluoromethane	0.198	*0.178*	0.178	1.11	*1.00*	1.00	08/25/18	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	08/25/18	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	08/25/18	KCA	1	
QA/QC Surrogates										
% Bromofluorobenzene	*215	*%*	%	*215	*%*	%	08/25/18	KCA	1	

Project ID: 1815 OCEAN AVE BROOKLYN
Client ID: POST CARBON

Phoenix I.D.: CB18755

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	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 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
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:

Air Analysis:
*Surrogate criteria exceeded method criteria due to a matrix interference.

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director
August 31, 2018
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Friday, August 31, 2018

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCB18754 - EBC

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.

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. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: on file
☒ Phone #: on file

Report to: Chewine	Invoice to: EBC	Project Name: 1815 Ocean Ave Brooklyn
Customer: EBC		Requested Deliverable: RCP ☐ ASP CAT B ☒
Address: 1808 Middle Country Rd.		MCP ☐ NJ Deliverables ☐
Ridge, NY 11961	Sampled by: SI	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	
		21345	6.0	-30		4992	173										
18754	Pre Carbon	23344	6.0	-30	-4	3967	↓	11:16	11:39	8/23	-25	-2		X			X
18755	Post Carbon	21320	6.0	-30	-2	3970	↓	11:17	11:50	8/23	-29	-2		X			X

Relinquished by:	Accepted by:	Date:	Time:
		8-24-18	10:15
		8-24-18	1815

Data Format: Excel ☒ Equis ☒ Other ☐ ( )

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
Standard Turn Around Time,
NOT 24 Hour
NY EZ Edd (ASP)
③ 6(30 mins

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:

APPENDIX D

ROUTINE SYSTEM INSPECTION FORM

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 8/23/18

Time: 12:30 pm

Weather: Partly cloudy

Inspector: Sean Igoe

Extraction Point	Vacuum (iwc)	PID Reading(ppm)
SVE-1	-9.41	20.4 ppm
SVE-2	-8.11	14.4 ppm
Blower inlet	-17.0	31.3 ppm
Carbon inlet		31.3ppm
Between carbon		26.8 ppm

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	~~Ye~~ No	
System Integrity?	Yes	

Comments:

System is working as intended

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

CARBON MONITORING

Carbon filter installation date: 7-2-18

Date/Time	Location	PID reading	PID units(ppm or ppb)
8/23 9:00 am	Pre-Carbon	31.3 ~~ppm~~	ppm
8/23 9:15 am	Between Carbon	26.8	ppm
8/23 9:30 am	Post -Carbon	16.6	ppm

Comments:

No odors outside of the shed, system is running as intended

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

AIR SPARGING SYSTEM INSPECTION FORM

Injection Point	Pressure
AS-1	4.45
AS-2	4.31
AS-3	4.31
AS-4	4.45
AS-5	4.45
AS-6	4.31
AS-7	4.45
AS-8	4.31

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Timer, 3-way actuated valve operating?	yes	
System Integrity?	yes	

Comments:

System is running as intended