April 10, 2019

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 (Q1;2019)
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 first quarter of 2019; 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
J. O'Connell
R. Ockerby, NYSDOH
C. Sosik, EBC
A. Czemerinski, AMC

TOMAT SERVICE STATION
NYSDEC BCP Number C224217
Quarterly Status Report 2019

Reporting Summary

Report Date: February 8, 2019

Reporting Period: 1st Quarter of 2019

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

Work Performed this Quarter: January 30, 2019 – 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
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 1Q19 groundwater sampling event was performed on January 30, 2019. 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 first 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 on January 30, 2019.

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 (150 µg/L), 1,3,5-trimethylbenzene (16 µg/L), ethylbenzene (120 µg/L), isopropylbenzene (22 µg/L), naphthalene (41 µg/L) and n-propylbenzene (44 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 433.00 µg/L was reported during the first quarter 2019 sampling event.

17GW2– No VOCs were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 4.80 µg/L was reported during the first quarter 2019 sampling event.

17GW3– VOCs including, 1,2,4-trimethylbenzene (38 µg/L), 1,3,5-trimethylbenzene (3.0 µg/L), ethylbenzene (8.6 µg/L), and n-propylbenzene (3.4 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 61.16 µg/L was reported during the first quarter 2019 sampling event.

17GW4– VOCs including, 1,2,4-trimethylbenzene (0.82 µg/L), isopropylbenzene (1 µg/L), n-butylbenzene (0.74 µg/L) n-propylbenzene (2.9 µg/L), and sec-butylbenzene (0.62 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 14.77 µg/L was reported during the first quarter 2019 sampling event.

17GW5– VOCs including, 1,2,4-trimethylbenzene (120 µg/L), 1,3,5-trimethylbenzene (15 µg/L), ethylbenzene (37 µg/L), isopropylbenzene (32 µg/L), naphthalene (49 µg/L), n-butylbenzene (11 µg/L), n-propylbenzene (110 µg/L), p- isopropyltoluene (4.4 µg/L), and sec-butylbenzene (7.1 µg/L) were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 400.50 µg/L was reported during the first quarter 2019 sampling event.

17GW6– VOCs including, 1,2,4-trimethylbenzene (150 µg/L), 1,3,5-trimethylbenzene (33 µg/L), ethylbenzene (150 µg/L), isopropylbenzene (6.9 µg/L), naphthalene (39 µg/L), and n-propylbenzene (17 µg/L) were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 539.1 µg/L was reported during the first quarter 2019 sampling event.

QUATERLY AIR SAMPLE RESULTS

PRE-CARBON – The January 2019 BTEX concentration was reported at 3 µg/m^3. The total VOC concentrations during this period was reported at 126.19 µg/m^3. PID reading for this port was 4.5 ppm.

POST-CARBON – The January 2019 BTEX concentration was reported at 2 µg/m^3. The total VOC concentrations during this period was reported at 83.45 µg/m^3. PID reading for this port was 0.1 ppm.

QUATERLY PID AND VACUUM MEASUREMENTS

January 2019:

SVE-1 – PID READING FOR THIS PORT WAS 2.4 PPM WITH A VACUUM OF -10.28 IWC.

S*VE-2* – PID reading for this port was 6.5 ppm with a vacuum of -10.03 iwc.

PRE-CARBON – PID reading for this port was 4.5 ppm.

BETWEEN-CARBON –PID reading for this port was 8.9 ppm.

POST-CARBON –PID reading for this port was 0.1 ppm.

AS-1 – Pressure reading of -5.4 iwc.

AS-2 – Pressure reading of -5.2 iwc.

AS-3 – Pressure reading of -5.4 iwc.

AS-4 – Pressure reading of -5.6 iwc.

AS-5 – Pressure reading of no reading.

AS-6 – Pressure reading of -5.1 iwc.

AS-7 – Pressure reading of no reading.

AS-8 – Pressure reading of -5.3 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

1808 MIDDLE COUNTRY ROAD
RIDGE, NY 11961
PHONE 631.504.6000
FAX 631.924.2870

Table 1
1828-1850 Ocean Avenue
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW1 (Baseline)				17GW1				17GW1				17GW1		17GW1		17GW1	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		12/14/2018		1/30/2019	
	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	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	<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	<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	<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	< 2.5	2.5	<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	<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	<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	<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	< 10	10	<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	< 2.5	2.5	<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	< 10	10	<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	**210**	10	**150**	10
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	< 5.0	5.0	<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	< 2.5	2.5	<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	< 4.7	4.7	<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	< 5.0	5.0	<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	< 2.5	2.5	<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	**18**	10	**16**	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	< 3.0	3.0	<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	<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	<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	<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	<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	< 25	25	<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	1.2	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	<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	< 25	25	<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	8.4	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	< 25	25	<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	< 5.0	5.0	<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	< 2.5	2.5	<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	<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	<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	< 10	10	<1.0	1.0
Bromoform		< 50	50	U	5.0	< 5.0	5.0	U	0.25	< 50	50	U	2.5	< 5.0	5.0	< 50	50	<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	<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	< 10	10	0.74	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	<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	<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	<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	<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	<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	<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	< 2.5	2.5	<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	< 10	10	<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	<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	<1.0	1.0
Ethylbenzene	5	**320**	20	-	5.0	**76**	10	D	2.5	**80**	5.0	-	2.5	**65**	5.0	**130**	10	**120**	10
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	< 2.0	2.0	<0.50	0.50
Isopropylbenzene	5	**39**	20	-	5.0	**22**	1.0	-	0.25	**12**	5.0	-	2.5	**5.8**	1.0	**13**	10	**22**	1.0
m&p-Xylenes	5	**290**	20	-	5.0	**64**	10	D	2.5	**54**	10	-	2.5	**29**	1.0	**63**	10	**40**	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	< 25	25	<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	< 10	10	<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	< 5.0	5.0	<3.0	3.0
Naphthalene	10	**190**	20	-	20	**53**	10	D	10	**42**	10	-	10	**24**	10	**58**	10	**41**	10
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	< 5.0	5.0	3	1.0
n-Propylbenzene	5	**81**	20	-	5.0	**27**	10	D	2.5	**25**	5.0	-	2.5	**11**	1.0	**28**	10	**44**	10
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	< 5.0	5.0	<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	< 5.0	5.0	1.8	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	< 5.0	5.0	2.7	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	0.34	1.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50	< 500	500	<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	0.38	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	<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	<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	< 5.0	5.0	0.56	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	<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	< 2.5	2.5	<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	< 25	25	<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	<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	<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	<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	< 2.5	2.5	<1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 0.20	0.20	U	0.20	< 100	100	< 1000	1,000	<100	100
Total VOCs		1563.8				388.66				334.8				230.49		520.00		433.00	

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

Table 1
1828-1850 Ocean Avenue
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW2 (Baseline)				17GW2				17GW2				17GW2		17GW2		17GW2	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		12/14/2018		1/30/2019	
		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	Results	RL
1,1,1,2-Tetrachlorothane	5	< 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	< 1.0	1.0	<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	<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	< 1.0	1.0	< 1.0	1.0	<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	<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	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 0.25	0.25	< 0.25	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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,2,4-Trimethylbenzene	5	**2,100**	100	D	25	**640**	50	D	13	**2.1**	1.0	-	0.25	**0.46**	1.0	**0.62**	1.0	<1.0	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	< 0.50	0.50	< 0.50	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	< 0.25	0.25	< 0.25	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	< 1.0	1.0	< 1.0	1.0	<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	< 0.60	0.60	< 0.60	0.60	<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	<1.0	1.0
1,3,5-Trimethylbenzene	5	**480**	20	-	5.0	**110**	10	-	2.5	**0.54**	1.0	J	0.25	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5	< 2.5	2.5	<0.25	0.25
2-Isopropyltoluene	5	< 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	< 1.0	1.0	<1.0	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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
4-Methyl-2-Pentanone		< 50	50	U	50	< 25	25	U	25	< 2.5	2.5	U	2.5	< 2.5	2.5	< 2.5	2.5	<0.25	0.25
Acetone	50	< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	2.5	**3.8**	5.0	**2.5**	5.0	**4.8**	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	<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	<5.0	5.0
Benzene	1	**6.9**	14	J	5.0	< 2.5	2.5	U	2.5	< 0.70	0.70	U	0.25	< 0.70	0.70	< 0.70	0.70	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Bromodichloromethane		< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Bromoform		< 50	50	U	5.0	< 50	50	U	2.5	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	5.0	<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	<5.0	5.0
Carbon Disulfide	60	< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	<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	<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	< 5.0	5.0	< 5.0	5.0	<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	<5.0	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	< 1.0	1.0	< 1.0	1.0	<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	< 0.40	0.40	< 0.40	0.40	<0.40	0.40
Dibromochloromethane		< 20	20	U	5.0	< 10	10	U	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Ethylbenzene	5	**1,400**	100	D	25	**470**	50	D	13	**0.69**	1.0	J	0.25	< 1.0	1.0	< 1.0	1.0	<1.0	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	<0.50	0.50
Isopropylbenzene	5	**81**	20	-	5.0	**34**	10	-	2.5	**0.29**	1.0	J	0.25	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
m&p-Xylenes	5	**1,300**	100	D	25	**570**	10	-	2.5	**0.53**	1.0	J	0.25	< 1.0	1.0	**0.65**	1.0	<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	< 2.5	2.5	< 2.5	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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Methylene chloride	5	< 20	20	U	20	< 10	10	U	10	< 3.0	3.0	U	1.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0
Naphthalene	10	**450**	100	D	100	**160**	10	-	10	< 1.0	1.0	U	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
n-Butylbenzene	5	**13**	20	J	5.0	**8.9**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
n-Propylbenzene	5	**210**	20	-	5.0	**72**	10	-	2.5	**0.67**	1.0	J	0.25	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
o-Xylene	5	**740**	100	D	25	**45**	10	-	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	**0.27**	1.0	<1.0	1.0
p-Isopropyltoluene		**7.7**	20	J	5.0	**3.9**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
sec-Butylbenzene	5	**12**	20	J	5.0	**6.4**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	**0.44**	1.0	<1.0	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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50	< 50	50	<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	< 1.0	1.0	< 1.0	1.0	<1.0	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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Tetrahydrofuran (THF)		< 50	50	U	50	< 50	50	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Toluene	5	**40**	20	-	5.0	**2.6**	10	J	2.5	< 1.0	1.0	U	0.25	< 1.0	1.0	< 1.0	1.0	<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	<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	< 0.40	0.40	< 0.40	0.40	<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	< 2.5	2.5	< 2.5	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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	-	-	-	-	-	-	< 100	100	< 100	100	<100	100
Total VOCs		6840.6				2122.8				4.82				4.26		4.48		4.80	

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

Table 1
1828-1850 Ocean Avenue
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW3 (Baseline)				17GW3				17GW3				17GW3		17GW3		17GW3	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		12/14/2018		1/30/2019	
	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	Results	RL
1,1,1,2-Tetrachlorothane	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	**55**	5.0	**38**	5.0
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	<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	<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	<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	<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	<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	**5.1**	1.0	**3**	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	<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	<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	<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	<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	<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	<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	**0.43**	1.0	<1.0	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	<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	<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	6.5	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	< 5.0	5.0	<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	<5.0	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	<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	<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	<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	<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	<1.0	1.0
Ethylbenzene	5	**470**	20	-	5.0	**37**	10	-	2.5	**200**	5.0	D	2.5	**55**	2.0	**9.8**	1.0	**8.6**	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	<0.50	0.50
Isopropylbenzene	5	**71**	20	-	5.0	**53**	10	-	2.5	**24**	1.0	-	0.25	**6.7**	2.0	**2.1**	1.0	**1.5**	1.0
m&p-Xylenes	5	**450**	20	-	5.0	**17**	10	-	2.5	**34**	1.0	-	0.25	**25**	2.0	**4.5**	1.0	**1.8**	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	<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	<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	< 3.0	3.0	<3.0	3.0
Naphthalene	10	**210**	20	-	20	**150**	10	-	10	**100**	10	D	10	**24**	2.0	**4.5**	1.0	**3.1**	1.0
n-Butylbenzene	5	**10**	20	J	5.0	**16**	10	-	2.5	**4.8**	1.0	-	0.25	**1.9**	2.0	**0.73**	1.0	**0.68**	1.0
n-Propylbenzene	5	**160**	20	-	5.0	**120**	10	-	2.5	**59**	5.0	D	2.5	**15**	2.0	**5.1**	1.0	**3.4**	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	**0.48**	1.0	**0.35**	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	**0.64**	1.0	**0.36**	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	**0.59**	1.0	**0.37**	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	<50	50
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 100	100	< 50	50	<1.0	1.0
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	< 1.0	1.0	<1.0	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	< 1.0	1.0	<1.0	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	<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	< 1.0	1.0	<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	<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	<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	<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	<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	<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	<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	<1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 100	100	U	50	< 200	200	< 100	100	<100	100
Total VOCs		3393				574				926.88				308.25		88.97		61.16	

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

Table 1
1828-1850 Ocean Avenue
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW4 (Baseline)				17GW4				17GW4				17GW4		17GW4		17GW4	
		11/16/2017				3/15/2018				6/14/2018				8/27/2018		12/14/2018		1/30/2019	
	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	Results	RL
1,1,1,2-Tetrachlorothane	5	< 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	< 1.0	1.0	<1.0	1.0
1,1,1-Trichloroethane	5	< 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	< 5.0	5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 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	< 1.0	1.0	<1.0	1.0
1,1,2-Trichloroethane	1	< 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	< 1.0	1.0	<1.0	1.0
1,1-Dichloroethane	5	< 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	< 5.0	5.0	<5.0	5.0
1,1-Dichloroethene	5	< 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	< 1.0	1.0	<1.0	1.0
1,1-Dichloropropene		< 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	< 1.0	1.0	<1.0	1.0
1,2,3-Trichlorobenzene		< 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	< 1.0	1.0	<1.0	1.0
1,2,3-Trichloropropane	0.04	< 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	< 0.25	0.25	<0.25	0.25
1,2,4-Trichlorobenzene		< 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	< 1.0	1.0	<1.0	1.0
1,2,4-Trimethylbenzene	5	**230**	10	D	2.5	**64**	5.0	D	1.3	**5.1**	1.0	-	0.25	**2.7**	1.0	**16**	1.0	**0.82**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 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	< 0.50	0.50	<0.50	0.50
1,2-Dibromoethane		< 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	< 0.25	0.25	<0.25	0.25
1,2-Dichlorobenzene	5	< 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	< 1.0	1.0	<1.0	1.0
1,2-Dichloroethane	0.6	< 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	< 0.60	0.60	<0.60	0.60
1,2-Dichloropropane	0.94	< 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	< 1.0	1.0	<1.0	1.0
1,3,5-Trimethylbenzene	5	**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	**1.1**	1.0	<1.0	1.0
1,3-Dichlorobenzene		< 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	< 1.0	1.0	<1.0	1.0
1,3-Dichloropropane	5	< 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	< 1.0	1.0	<1.0	1.0
1,4-Dichlorobenzene	5	< 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	< 1.0	1.0	<1.0	1.0
2,2-Dichloropropane	5	< 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	< 1.0	1.0	<1.0	1.0
2-Chlorotoluene	5	< 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	< 1.0	1.0	<1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 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	< 2.5	2.5	<2.5	2.5
2-Isopropyltoluene	5	**4.2**	1.0	-	0.25	**4.6**	1.0	-	0.25	**2.6**	1.0	-	0.25	**1.2**	1.0	**3.8**	1.0	**0.59**	1.0
4-Chlorotoluene	5	< 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	< 1.0	1.0	<1.0	1.0
4-Methyl-2-Pentanone		< 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	< 2.5	2.5	<2.5	2.5
Acetone	50	< 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	**3**	5.0	**4.3**	5.0
Acrolein		< 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	< 5.0	5.0	<5.0	5.0
Acrylonitrile	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	<5.0	5.0
Benzene	1	< 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	< 0.70	0.70	<0.70	0.70
Bromobenzene	5	< 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	< 1.0	1.0	<1.0	1.0
Bromochloromethane	5	< 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	< 1.0	1.0	<1.0	1.0
Bromodichloromethane		< 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	< 1.0	1.0	<1.0	1.0
Bromoform		< 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	< 5.0	5.0	<5.0	5.0
Bromomethane	5	< 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	< 5.0	5.0	<5.0	5.0
Carbon Disulfide	60	< 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	< 1.0	1.0	<1.0	1.0
Carbon tetrachloride	5	< 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	< 1.0	1.0	<1.0	1.0
Chlorobenzene	5	< 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	< 5.0	5.0	<5.0	5.0
Chloroethane	5	< 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	< 5.0	5.0	<5.0	5.0
Chloroform	7	**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	< 5.0	5.0	<5.0	5.0
Chloromethane	60	< 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	< 5.0	5.0	<5.0	5.0
cis-1,2-Dichloroethene	5	< 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	< 1.0	1.0	<1.0	1.0
cis-1,3-Dichloropropene		< 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	< 0.40	0.40	<0.40	0.40
Dibromochloromethane		< 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	< 1.0	1.0	<1.0	1.0
Dibromomethane	5	< 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	< 1.0	1.0	<1.0	1.0
Dichlorodifluoromethane	5	< 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	< 1.0	1.0	<1.0	1.0
Ethylbenzene	5	**1.9**	1.0	-	0.25	**1.9**	1.0	-	0.25	**0.98**	1.0	J	0.25	**0.45**	1.0	**1.9**	1.0	<1.0	1.0
Hexachlorobutadiene	0.5	< 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	< 0.50	0.50	<0.50	0.50
Isopropylbenzene	5	**12**	1.0	-	0.25	**15**	1.0	-	0.25	**8.7**	1.0	-	0.25	**3.9**	1.0	**13**	1.0	**1**	1.0
m&p-Xylenes	5	**2.2**	1.0	-	0.25	**0.39**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	**0.79**	1.0	<1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 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	< 2.5	2.5	<2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 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	< 1.0	1.0	<1.0	1.0
Methylene chloride	5	**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	< 3.0	3.0	<3.0	3.0
Naphthalene	10	< 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	< 1.0	1.0	<1.0	1.0
n-Butylbenzene	5	**4.3**	1.0	-	0.25	**9.2**	1.0	-	0.25	**14**	1.0	-	0.25	**4.5**	1.0	**8.7**	1.0	**0.74**	1.0
n-Propylbenzene	5	**25**	10	D	2.5	**52**	5.0	D	1.3	**30**	1.0	-	0.25	**13**	1.0	**34**	2.0	**2.9**	1.0
o-Xylene	5	**1.2**	1.0	-	0.25	**0.46**	1.0	J	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	**0.47**	1.0	**<1.0**	1.0
p-Isopropyltoluene		**4.1**	1.0	-	0.25	**5.2**	1.0	-	0.25	**2.1**	1.0	-	0.25	**0.66**	1.0	**1.4**	1.0	**0.3**	1.0
sec-Butylbenzene	5	**3.4**	1.0	-	0.25	**5.7**	1.0	-	0.25	**6.5**	1.0	-	0.25	**2.9**	1.0	**6.1**	1.0	**0.62**	1.0
Styrene	5	< 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	< 1.0	1.0	<1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50	< 50	50	<50	50
tert-Butylbenzene	5	**0.97**	1.0	J	0.25	**1.5**	1.0	-	0.25	**0.92**	1.0	J	0.25	**0.39**	1.0	**1.2**	1.0	<1.0	1.0
Tetrachloroethene	5	**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	**0.64**	1.0	**3.5**	1.0
Tetrahydrofuran (THF)		< 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	< 5.0	5.0	<5.0	5.0
Toluene	5	**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	**0.54**	1.0	<1.0	1.0
trans-1,2-Dichloroethene	5	< 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	< 5.0	5.0	<5.0	5.0
trans-1,3-Dichloropropene	0.4	< 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	< 0.40	0.40	<0.40	0.40
trans-1,4-dichloro-2-butene	5	< 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	< 2.5	2.5	<2.5	2.5
Trichloroethene	5	< 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	< 1.0	1.0	<1.0	1.0
Trichlorofluoromethane	5	< 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	< 1.0	1.0	<1.0	1.0
Trichlorotrifluoroethane		< 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	< 1.0	1.0	<1.0	1.0
Vinyl Chloride	2	< 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	< 1.0	1.0	<1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 0.20	0.20	U	0.20	< 100	100	< 100	100	<100	100
Total VOCs		292.91				160.45				70.9				34.31		92.64		14.77	

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

Table 1
1828-1850 Ocean Avenue
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW5 (Baseline)				17GW5				17GW5				17GW5		17GW5		17GW5	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		12/14/2018		1/30/2019	
		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	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	<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	<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	<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	< 1.3	1.3	<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	<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	<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	<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	< 5.0	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	< 1.3	1.3	<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	< 5.0	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	**110**	5.0	**120**	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	< 2.5	2.5	<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	< 1.3	1.3	<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	< 4.7	4.7	<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	< 2.5	2.5	<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	< 1.3	1.3	<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	**8.5**	5.0	**15**	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	< 3.0	3.0	<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	<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	<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	<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	<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	< 13	13	<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	**4.8**	5.0	**3**	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	<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	< 13	13	<13	13
Acetone	50	< 50	50	U	25	< 50	50	U	25	< 5.0	5.0	U	2.5	**2.6**	5.0	< 25	25	<25	25
Acrolein		< 25	25	U	25	< 25	25	U	25	< 5.0	5.0	U	2.5	< 5.0	5.0	< 13	13	<13	13
Acrylonitrile	5	< 25	25	U	25	< 25	25	U	25	< 5.0	5.0	U	0.25	< 5.0	5.0	< 5.0	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	< 1.3	1.3	<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	<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	<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	< 5.0	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	< 25	25	<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	<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	< 5.0	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	<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	<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	<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	<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	<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	<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	< 1.3	1.3	<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	< 5.0	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	<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	<5.0	5.0
Ethylbenzene	5	**46**	10	-	2.5	**270**	10	-	2.5	**25**	1.0	-	0.25	**25**	1.0	**21**	5.0	**37**	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	< 1.0	1.0	<1.0	1.0
Isopropylbenzene	5	**50**	10	-	2.5	**42**	10	-	2.5	**55**	5.0	D	2.5	**49**	5.0	**43**	5.0	**32**	5.0
m&p-Xylenes	5	**17**	10	-	2.5	**250**	10	-	2.5	**13**	1.0	-	0.25	**13**	1.0	**7.6**	5.0	**12**	5.0
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	< 13	13	<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	< 5.0	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	< 5.0	5.0	<5.0	5.0
Naphthalene	10	**150**	10	-	10	**140**	10	-	10	**120**	10	D	10	**92**	20	**63**	5.0	**49**	5.0
n-Butylbenzene	5	**15**	10	-	2.5	**6.8**	10	J	2.5	**15**	1.0	-	0.25	**16**	1.0	**14**	5.0	**11**	5.0
n-Propylbenzene	5	**140**	10	-	2.5	**84**	10	-	2.5	**130**	5.0	D	2.5	**130**	5.0	**130**	5.0	**110**	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	< 5.0	5.0	<5.0	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	**5.3**	5.0	**4.4**	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	**9.2**	5.0	**7.1**	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	<5.0	5.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 50	50	U	10	< 50	50	< 250	250	<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	<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	<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	< 25	25	<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	< 5.0	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	<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	< 1.3	1.3	<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	< 13	13	<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	<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	<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	<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	< 2.0	2.0	<2.0	2.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 0.20	0.20	U	0.20	< 100	100	< 500	500	<500	500
Total VOCs		857.50				1493.1				555.3				505.67		416.40		400.50	

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

Table 1
1828-1850 Ocean Avenue
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	17GW6 (Baseline)				17GW6				17GW6				17GW6		17GW6		17GW6	
		11/13/2017				3/15/2018				6/14/2018				8/27/2018		12/14/2018		1/30/2019	
	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	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1,1-Trichloroethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1,2-Trichloroethane	1	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,1-Dichloroethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1-Dichloropropene		< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,2,3-Trichlorobenzene		< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,2,4-Trichlorobenzene		< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,2,4-Trimethylbenzene	5	**2,300**	200	D	50	**1,800**	100	D	25	**1,700**	25	D	25	**260**	5.0	**200**	20	**150**	20
1,2-Dibromo-3-chloropropane	0.04	< 10	10	U	10	< 25	25	U	25	< 10	10	U	10	< 2.5	2.5	< 2.5	2.5	<2.5	2.5
1,2-Dibromoethane		< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,2-Dichlorobenzene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 4.7	4.7	< 4.7	4.7	<4.7	4.7
1,2-Dichloroethane	0.6	< 10	10	U	10	< 25	25	U	25	< 10	10	U	10	< 2.5	2.5	< 2.5	2.5	<2.5	2.5
1,2-Dichloropropane	0.94	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,3,5-Trimethylbenzene	5	**420**	20	-	5.0	**480**	50	-	13	**240**	5.0	-	5.0	**59**	5.0	**21**	5.0	**33**	5.0
1,3-Dichlorobenzene		< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0
1,3-Dichloropropane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,4-Dichlorobenzene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
2,2-Dichloropropane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
2-Chlorotoluene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13	< 13	13	<13	13
2-Isopropyltoluene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
4-Chlorotoluene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
4-Methyl-2-Pentanone		< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13	< 13	13	<13	13
Acetone	50	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 25	25	< 25	25	<25	25
Acrolein		< 50	50	U	50	< 130	130	U	130	< 5.0	5.0	U	5.0	< 13	13	< 13	13	<13	13
Acrylonitrile	5	< 50	50	U	50	< 130	130	U	130	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Benzene	1	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
Bromobenzene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Bromochloromethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Bromodichloromethane		< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Bromoform		< 50	50	U	5.0	< 50	50	U	13	< 50	50	U	5.0	< 25	25	< 25	25	<25	25
Bromomethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Carbon Disulfide	60	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Carbon tetrachloride	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Chlorobenzene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Chloroethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Chloroform	7	< 7.0	7.0	U	5.0	< 13	13	U	13	< 7.0	7.0	U	5.0	< 7.0	7.0	< 7.0	7.0	<7.0	7.0
Chloromethane	60	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
cis-1,3-Dichloropropene		< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
Dibromochloromethane		< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Dibromomethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Dichlorodifluoromethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Ethylbenzene	5	**1,200**	200	D	50	**1,100**	50	-	13	**970**	13	D	13	**150**	5.0	**140**	5.0	**150**	5.0
Hexachlorobutadiene	0.5	< 4.0	4.0	U	4.0	< 10	10	U	10	< 4.0	4.0	U	4.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Isopropylbenzene	5	**72**	20	-	5.0	**76**	50	-	13	**89**	5.0	-	5.0	**9.9**	5.0	**15**	5.0	**6.9**	5.0
m&p-Xylenes	5	**2,800**	200	D	50	**3,500**	100	D	25	**1,600**	50	D	13	**260**	20	**68**	5.0	**140**	5.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13	< 13	13	<13	13
Methyl t-butyl ether (MTBE)	10	< 20	20	U	5.0	< 50	50	U	13	< 20	20	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Methylene chloride	5	< 20	20	U	20	< 50	50	U	50	< 10	10	U	10	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Naphthalene	10	**410**	20	-	20	**460**	50	-	50	**470**	20	-	20	**56**	5.0	**63**	5.0	**39**	5.0
n-Butylbenzene	5	**23**	20	-	5.0	**15**	50	J	13	**16**	5.0	-	5.0	**3.2**	5.0	**2.5**	5.0	**1.9**	5.0
n-Propylbenzene	5	**180**	20	-	5.0	**200**	50	-	13	**160**	5.0	-	5.0	**24**	5.0	**30**	5.0	**17**	5.0
o-Xylene	5	**140**	20	-	5.0	**550**	50	-	13	**75**	5.0	-	5.0	**15**	5.0	< 5.0	5.0	17	5.0
p-Isopropyltoluene		**9.2**	20	J	5.0	< 13	13	U	13	**10**	5.0	-	5.0	**1.6**	5.0	**2**	5.0	<5.0	5.0
sec-Butylbenzene	5	**14**	20	J	5.0	< 13	13	U	13	**11**	5.0	-	5.0	**1.9**	5.0	**1.8**	5.0	**1.3**	5.0
Styrene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	< 1000	1,000	U	200	< 250	250	< 250	250	<250	250
tert-Butylbenzene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Tetrachloroethene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Tetrahydrofuran (THF)		< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 25	25	< 25	25	<25	25
Toluene	5	**5.1**	20	J	5.0	**79**	50	-	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
trans-1,4-dichloro-2-butene	5	< 50	50	U	50	< 130	130	U	130	< 50	50	U	50	< 13	13	< 13	13	<13	13
Trichloroethene	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Trichlorofluoromethane	5	< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Trichlorotrifluoroethane		< 5.0	5.0	U	5.0	< 13	13	U	13	< 5.0	5.0	U	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Vinyl Chloride	2	< 5.0	5.0	U	5.0	< 13	13	U	13	< 4.0	4.0	U	4.0	< 2.0	2.0	< 2.0	2.0	<2.0	2.0
1,4 - dioxane		-	-	-	-	-	-	-	-	< 2000	2,000	U	1000	< 500	500	< 500	500	<500	500
Total VOCs		7573.30				8260				5341				840.6		543.3		539.1	

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

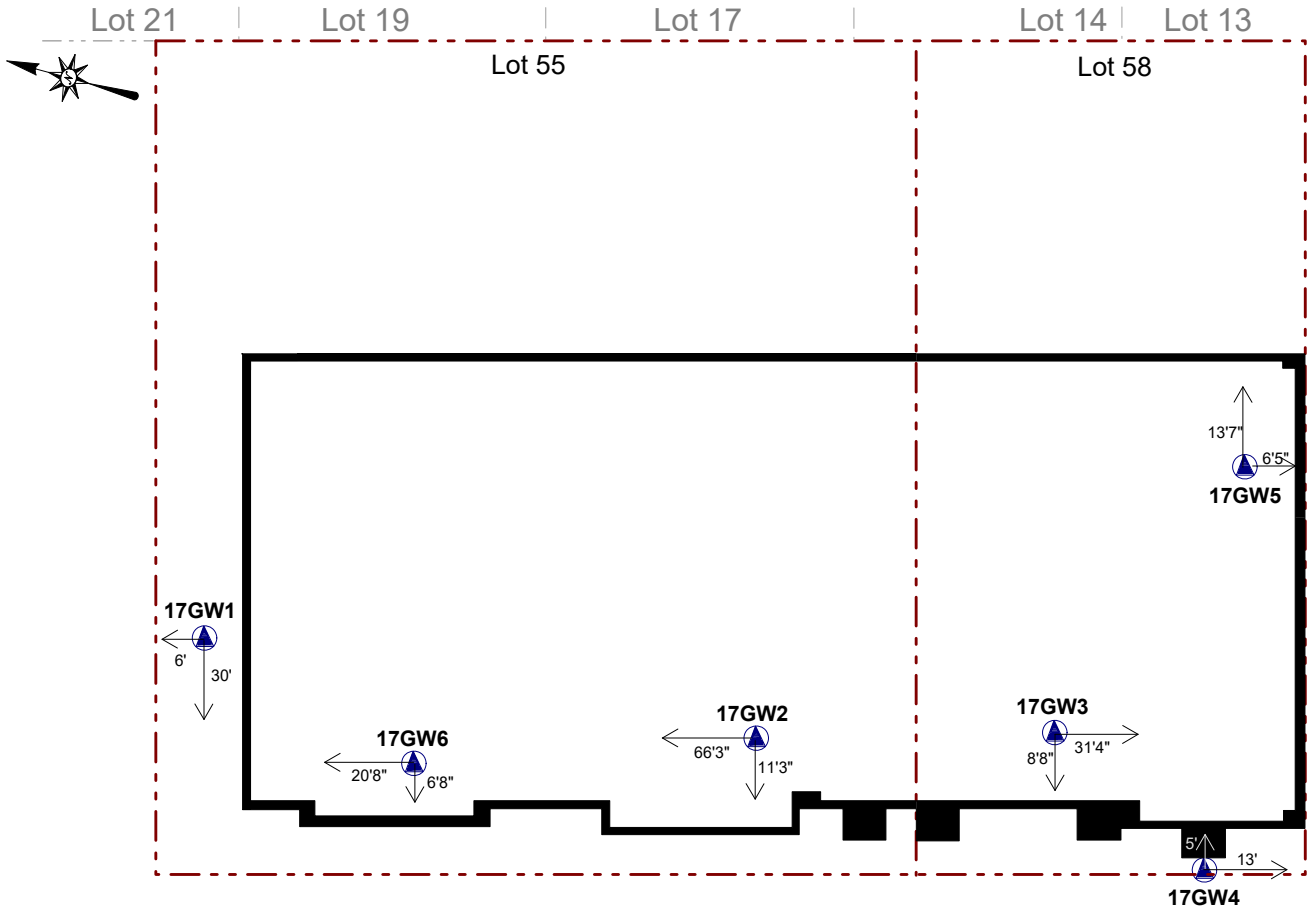
TABLE 2
1815-1825 Ocean Avenue
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	Pre Carbon														Post Carbon													
			1/30/2018 ($\mu g/m3$)		2/28/2018 ($\mu g/m3$)		3/15/2018 ($\mu g/m3$)		6/14/2018 ($\mu g/m3$)		8/23/2018 ($\mu g/m3$)		12/17/2018 ($\mu g/m3$)		1/30/2019 ($\mu g/m3$)		1/30/2018 ($\mu g/m3$)		2/28/2018 ($\mu g/m3$)		3/15/2018 ($\mu g/m3$)		6/14/2018 ($\mu g/m3$)		8/23/2018 ($\mu g/m3$)		12/17/2018 ($\mu g/m3$)		1/30/2019 ($\mu g/m3$)	
			Result	RL	Result	RL	Result	RL	Result	RL	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-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	< 0.20	0.20	< 0.20	0.20	**0.25**	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20	< 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	< 1.00	1.00	< 1.00	1.00	**2.26**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**76.2**	1.00	**4.09**	1.00	**4.62**	1.00	< 1.00	1.00	**3.39**	1.00	< 15.0	15.0	**9.14**	1.00	**40.8**	1.00	**4.91**	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**1.58**	1.00	< 1.00	1.00	< 1.00	1.00	**349**	15.0	**570**	15.0	**95.8**	1.00	**7.91**	1.00	**1.53**	1.00	< 1.00	1.00	**1.18**	1.00	< 15.0	15.0	**9.43**	1.00	**24.8**	1.00	**5.16**	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-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	< 1.00	1.00	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**2.82**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**2.61**	1.00	< 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	< 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-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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**112**	1.00	**3.21**	1.00	**4.87**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**4.61**	1.00	**34.9**	1.00	**3.29**	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**24.8**	15.0	**33.2**	1.00	**12.1**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.28**	1.00	< 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	< 1.00	1.00	< 1.00	1.00	**1.21**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**7.61**	1.00	< 1.00	1.00
Acetone		NA	**25.4**	1.00	**9.45**	1.00	**41.3**	1.00	**175**	15.0	**193**	15.0	**13.4**	1.00	**10.7**	1.00	**15.3**	1.00	**7.76**	1.00	**32.3**	1.00	< 15.0	15.0	**166**	15.0	**9.04**	1.00	**7.74**	1.00
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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**2.36**	1.00	< 1.00	1.00	< 1.00	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	**1.62**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.02**	1.00	< 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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**1.59**	1.00	< 1.00	1.00	< 1.00	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**5.76**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**17.6**	15.0	**5.38**	1.00	**3.49**	1.00	**1.07**	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	**0.56**	0.20	**0.51**	0.20	< 0.20	0.20	**0.74**	0.20	< 0.20	0.20	< 3.00	3.00	**0.27**	0.20	< 0.20	0.20	**0.34**	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	**1.31**	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	**19.7**	1.00	< 1.00	1.00	**4.19**	1.00	< 1.00	1.00	< 15.0	15.0	**18**	1.00	< 1.00	1.00	**28.6**	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	< 1.00	1.00	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20	**0.23**	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**230**	10.0	**15.4**	1.00	< 1.00	1.00	**1.42**	1.00	< 1.00	1.00	**1,420**	15.0	**375**	15.0	< 1.00	1.00	< 1.00	1.00
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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**4.36**	1.00	**2.93**	1.00	**2.52**	1.00	**2.87**	1.00	**4.05**	1.00	< 15.0	15.0	**2.7**	1.00	**3.14**	1.00	**2.71**	1.00
Ethanol			**19.6**	1.00	**4.73**	1.00	**11.9**	1.00	**22.8**	15.0	**15.6**	1.00	**21.8**	1.00	**1.4**	1.00	**22.8**	1.00	**1.75**	1.00	**45.2**	1.00	**28.1**	15.0	**27.5**	1.00	**24.1**	1.00	**3.94**	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	< 1.00	1.00	< 1.00	1.00	**1.23**	1.00	< 15.0	15.0	< 1.00	1.00	**1.56**	1.00	**1.65**	1.00
Ethylbenzene		<4.3	**3.11**	1.00	< 1.00	1.00	**2.1**	1.00	**798**	15.0	**116**	1.00	**49.9**	1.00	< 1.00	1.00	**2.12**	1.00	< 1.00	1.00	**1.56**	1.00	< 15.0	15.0	**612**	15.0	**35.2**	1.00	< 1.00	1.00
Heptane		NA	**3.2**	1.00	< 1.00	1.00	< 1.00	1.00	**3,030**	150	**310**	15.0	**573**	9.99	**12.5**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**9,460**	1,200	**1,360**	15.0	**2.95**	1.00	< 1.00	1.00
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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**213**	10.0	**6.2**	1.00	< 1.00	1.00	**1.29**	1.00	< 1.00	1.00	**1,890**	15.0	**339**	15.0	< 1.00	1.00	< 1.00	1.00
Isopropylalcohol		NA	**17.3**	1.00	< 1.00	1.00	**2.51**	1.00	< 15.0	15.0	**2.51**	1.00	< 1.00	1.00	< 1.00	1.00	**4.3**	1.00	**5.55**	1.00	**4.13**	1.00	< 15.0	15.0	**4.3**	1.00	**1.14**	1.00	**1.61**	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**84.5**	15.0	< 1.00	1.00	**9.73**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**44.9**	1.00	**2.69**	1.00	< 1.00	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	**318**	1.00	< 1.00	1.00	**7.72**	1.00	**3.1**	1.00	**6.86**	1.00	< 15.0	15.0	**3,390**	15.0	**153**	1.00	**1.97**	1.00
Methyl Ethyl Ketone			**8.96**	1.00	**5.25**	1.00	**4.13**	1.00	< 15.0	15.0	**3.01**	1.00	< 1.00	1.00	< 1.00	1.00	**3.65**	1.00	**2.4**	1.00	**6.1**	1.00	< 15.0	15.0	**12.2**	1.00	**5.42**	1.00	< 1.00	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 3.00	3.00	< 3.00	3.00	**128**	6.01	< 45.1	45.1	< 3.00	3.00	**53.5**	3.00	< 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	**9.33**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**4.17**	1.00	< 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	**94.2**	1.00	**1.14**	1.00	**3.36**	1.00	**1.4**	1.00	**3.29**	1.00	< 15.0	15.0	**98.9**	1.00	**52.9**	1.00	< 1.00	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**2.34**	1.00	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**15.4**	1.00	**4.92**	1.00	< 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**	1.00	< 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	**1.47**	1.00	< 1.00	1.00	**1.56**	1.00	< 1.00	1.00	**1.58**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**33.4**	0.25	**36.1**	0.25	**2.71**	0.25	**25.8**	0.25	**1.12**	0.25	**16.7**	3.75	**43.9**	0.25	**32**	0.25	**3.08**	0.25
Tetrahydrofuran		NA	**29**	1.00	**10.8**	1.00	**8.96**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**14.9**	1.00	**4.57**	1.00	**24.5**	1.00	< 15.0	15.0	< 1.00	1.00	**2.87**	1.00	**12.1**	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	**13.5**	1.00	**2.2**	1.00	**7.95**	1.00	**4.37**	1.00	**6.59**	1.00	< 15.0	15.0	**11.1**	1.00	**9.42**	1.00	< 1.00	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	**0.35**	0.20	**0.73**	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	**0.49**	0.20	**0.54**	0.20	**0.34**	0.20
Trichlorofluoromethane		NA	**1.24**	1.00	**2.17**	1.00	**1.75**	1.00	< 15.0	15.0	**1.36**	1.00	**1.94**	1.00	**1.47**	1.00	< 1.00	1.00	**1.3**	1.00	**2.95**	1.00	< 15.0	15.0	**1.11**	1.00	< 1.00	1.00	**3.4**	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	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 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	< 0.20	0.20	< 0.20	0.20	< 2.99	2.99	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX			**52.07**		**0**		**17.18**		**4,845.5**		**1,159**		**477**		**3**		**21.15**		**8.87**		**18.3**		**0**		**4,112**		**252**		**2**	
Total VOCs			**227.59**		**37.65**		**152.15**		**12,266.2**		**4,326.23**		**1,899.16**		**126.19**		**101.12**		**68.51**		**278.8**		**12,832.4**		**6,542.22**		**511.55**		**83.45**	

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

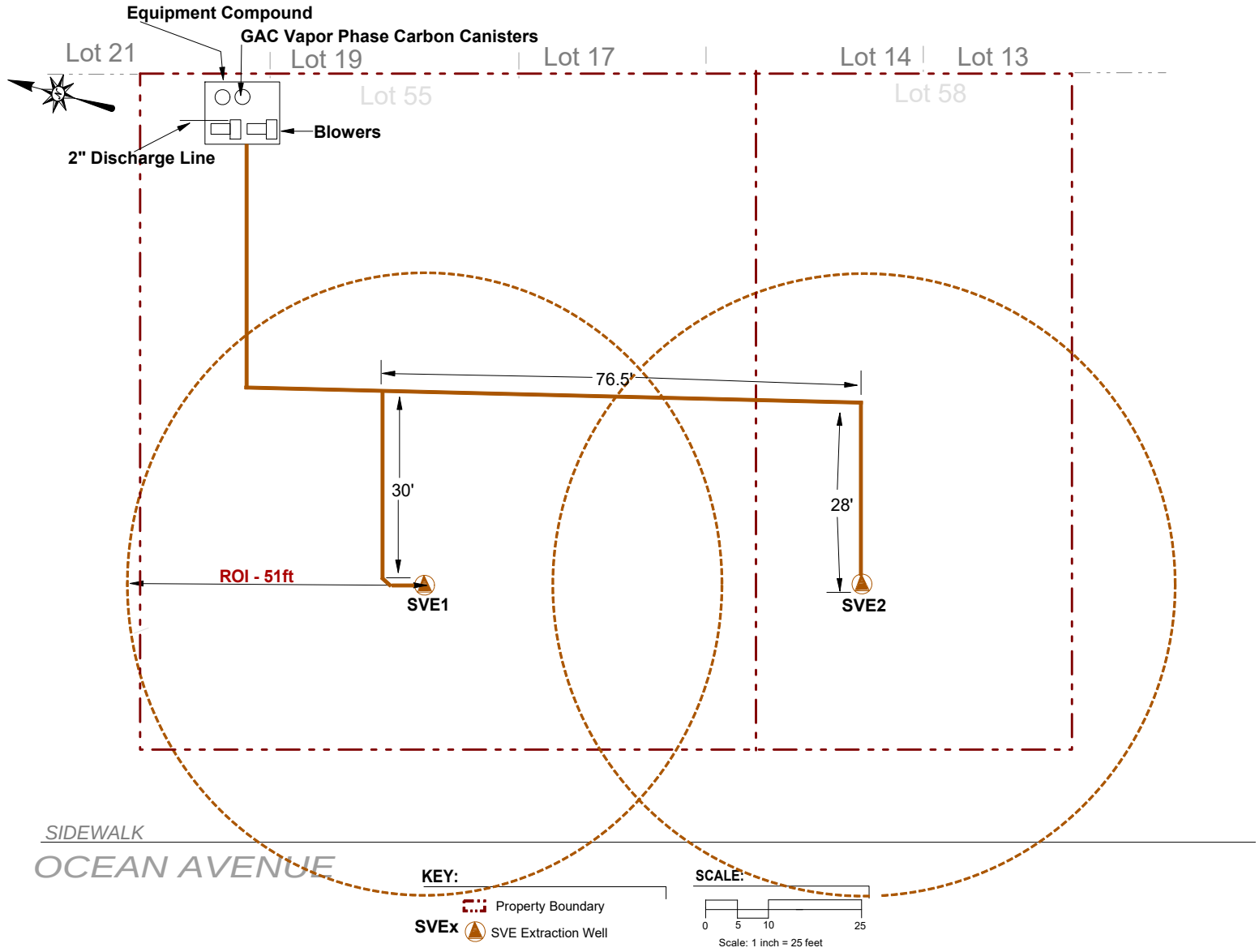
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870



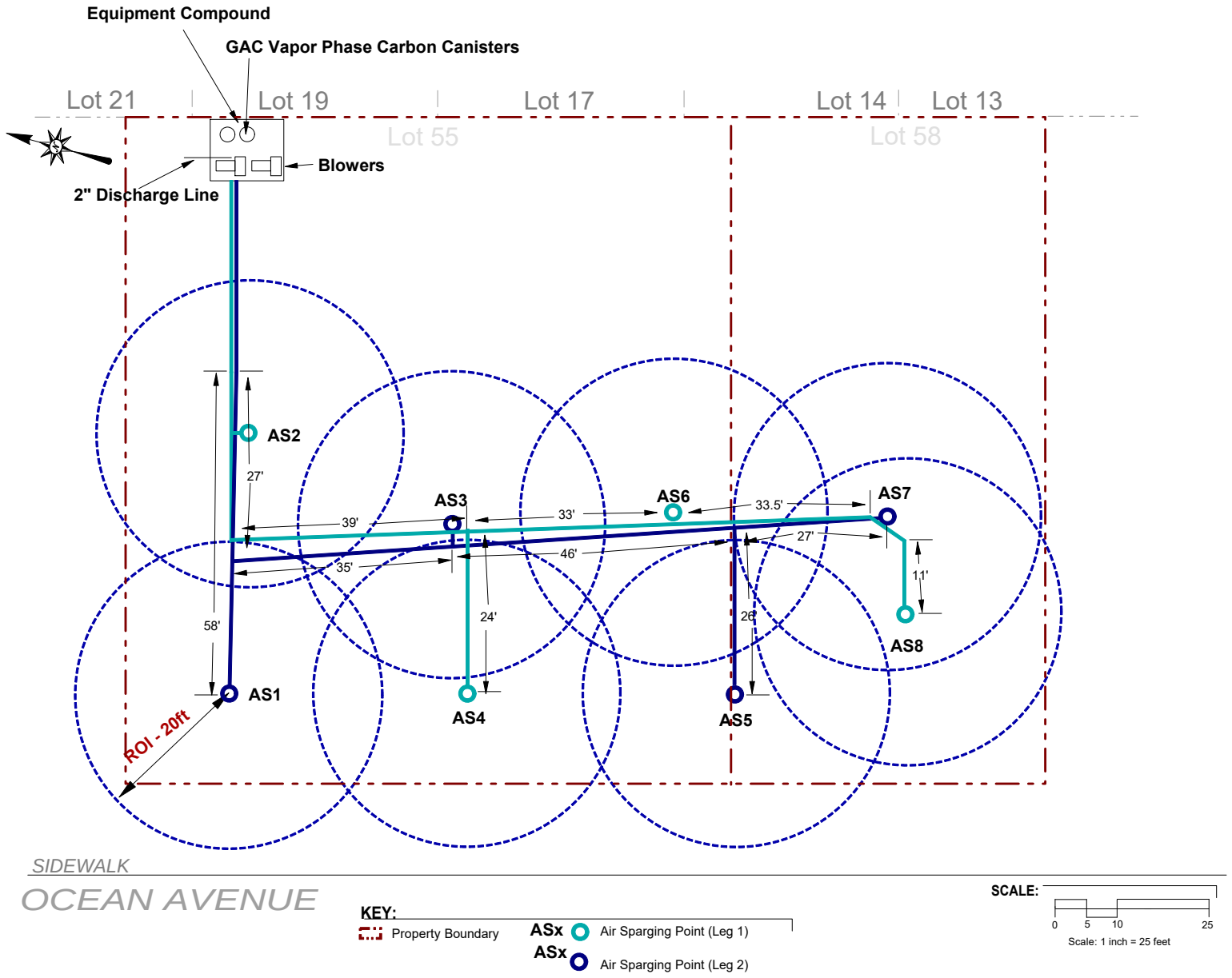
AMC Engineeting, PLLC
18-36 42nd Street
Astoria, NY 11105

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

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Ave, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 176-W1

Well Depth (from TOC): 30.10

Static Water Level (from TOC): 20.85

Height of Water in Well: 9.25'

Gallons of Water per Well Volume: .0925

Flow Rate: 400ml/min.

Date: 1/29/2019

Equipment: Peristaltic Pump, U-52 Horiba

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
9:14	400 ml/min	0	6.52	.579	15.40	3.01	-41	90.9		Clear
9:17	400 ml/min	0.33	6.49	.579	16.33	2.43	-47	79.1		Clear
9:23	400 ml/min	0.88	6.48	.583	16.49	1.86	-51	61.1		Clear
9:27	400 ml/min	1.43	6.49	.583	17.03	1.81	-51	54.3		Clear
9:33	400 ml/min	1.98	6.48	.582	17.13	1.97	-50	50.6		Clear
9:37	400 ml/min	2.53	6.48	.581	17.01	1.99	-50	44.5		Clear / Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Ave, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 176W2

Date: 1/29/2019

Well Depth (from TOC): 20.95

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 11.16

Height of Water in Well: 9.79

Gallons of Water per Well Volume: .0979

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
10.54	400 ml/min	0	6.73	0.594	17.22	2.96	-47	0.0		Brown, Turbid
10.59	400 ml/min	0.33	6.72	0.591	17.63	1.11	-40	238		Clear
11.04	400 ml/min	0.88	6.71	0.592	17.74	1.44	-41	90.7		Clear.
11.09	400 ml/min	1.43	6.72	0.592	17.76	1.60	-41	74.5		Clear.
11.14	400 ml/min	1.98	6.71	0.593	17.77	1.42	-41	57.5		Clear
11.19	400 ml/min	2.53	6.71	0.592	17.79	1.49	-42	50.0		Clear/Samples

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Ave, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW3

Well Depth (from TOC): 20.90

Static Water Level (from TOC): 11.16

Height of Water in Well: 9.74

Gallons of Water per Well Volume: .0974

Flow Rate: 400ml/min.

Date: 1/29/2019

Equipment: Peristaltic Pump, U-52 Horiba

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
1140	400 ml/min	0	6.59	0.826	17.36	2.66	-47	707		Brown, Turbid
1145	400 ml/min	0.33	6.37	0.825	17.39	0.53	-20	51.2		Clear
1150	400 ml/min	0.88	6.36	0.836	17.40	0.11	-25	30.3		Clear
1155	400 ml/min	1.43	6.35	0.832	17.40	0.18	-24	27.0		Clear
1200	400 ml/min	1.98	6.34	0.837	17.41	0.16	-25	24.5		Clear
1205	400 ml/min	2.53	6.33	0.839	17.41	0.13	-25	24.2		Clear / Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Ave, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW4

Date: 1/29/2019

Well Depth (from TOC): 21.44

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 30.00

Height of Water in Well: 8.56

Gallons of Water per Well Volume: .0856

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
1.25	400 ml/min	0	7.26	0.728	15.41	3.99	6	523		light brown, turbid
1.30	400 ml/min	0.33	7.07	0.754	15.59	1.76	34	25.4		Clear
1.35	400 ml/min	0.88	7.00	0.754	15.60	1.21	40	9.9		clear
1.40	400 ml/min	1.43	6.94	0.744	15.71	0.75	45	8.9		clear
1.45	400 ml/min	1.98	6.90	0.737	15.63	0.55	49	7.7		clear
1.50	400 ml/min	2.53	6.85	0.731	15.72	0.41	53	8.1		Clear / Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Ave, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 170W5

Date: 1/29/2019

Well Depth (from TOC): 18.6

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 11.12

Height of Water in Well: 7.48

Gallons of Water per Well Volume: .0748

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
12.25	400 ml/min	0	6.73	0.606	17.59	0.99	-82	705		light brown, turbid
12.30	400 ml/min	0.33	6.85	0.464	17.33	0.00	-106	54.6		Clear
12.35	400 ml/min	0.88	6.84	0.439	17.29	0.00	-110	22.4		Clear
12.40	400 ml/min	1.43	6.83	0.429	17.28	0.00	-113	17.0		Clear
12.45	400 ml/min	1.98	6.83	0.424	17.28	0.00	-114	14.9		Clear
12.50	400 ml/min	2.53	6.83	0.420	17.29	0.00	-115	14.0		Clear / Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Ave, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW6

Date: 1/29/2019

Well Depth (from TOC): 20.25

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 10.15

Height of Water in Well: 10.10

Gallons of Water per Well Volume: ~~.0101~~ .1010

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
10:13	400 ml/min	0	6.57	.556	15.60	10.17	42	917		turbid
10:16	400 ml/min	0.33	6.42	.552	16.56	8.27	46	279		Clearly
10:21	400 ml/min	0.88	6.41	0.557	16.75	7.71	34	117		Clear
10:26	400 ml/min	1.43	6.42	0.565	17.12	7.44	25	87.5		Clear
10:31	400 ml/min	1.98	6.43	0.569	17.23	7.10	20	78.4		Clear.
10:36	400 ml/min	2.53	6.43	0.574	17.24	6.89	16	67.3		Clear/settled

Note 400 ml = 0.11 gallons

APPENDIX B

GROUNDWATER LABORATORY REPORTS

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

PHOENIX
Environmental Laboratories, Inc.

Thursday, February 07, 2019

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

Project ID: **1815 OCEAN AVE, BROOKLYN NY**
SDG ID: **GCC39300**
Sample ID#s: CC39300 - CC39307

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

Sample Id Cross Reference

February 07, 2019

SDG I.D.: GCC39300

Project ID: 1815 OCEAN AVE, BROOKLYN NY

Client Id	Lab Id	Matrix
17GW1	CC39300	GROUND WATER
17GW2	CC39301	GROUND WATER
17GW3	CC39302	GROUND WATER
17GW4	CC39303	GROUND WATER
17GW5	CC39304	GROUND WATER
17GW6	CC39305	GROUND WATER
GW DUPLICATE	CC39306	GROUND WATER
GW TRIP BLANK	CC39307	GROUND WATER

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

February 07, 2019

SDG I.D.: GCC39300

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

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

February 07, 2019

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:	DR	01/30/19	9:00
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39300

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW1

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	02/02/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trimethylbenzene	150	10	2.5	ug/L	10	02/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3,5-Trimethylbenzene	16	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
2-Isopropyltoluene	1.2	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW1

Phoenix I.D.: CC39300

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	8.4	S	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon Disulfide	0.74	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Ethylbenzene	120		10	2.5	ug/L	10	02/04/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/02/19	HM	SW8260C	
Isopropylbenzene	22		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
m&p-Xylene	40		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
Naphthalene	41		10	10	ug/L	10	02/04/19	HM	SW8260C	
n-Butylbenzene	3.0		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
n-Propylbenzene	44		10	2.5	ug/L	10	02/04/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
p-Isopropyltoluene	1.8		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
sec-Butylbenzene	2.7		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Styrene	0.34	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
tert-Butylbenzene	0.38	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	1
Toluene	0.56	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	96				%	1	02/02/19	HM	70 - 130 %	
% Bromofluorobenzene	100				%	1	02/02/19	HM	70 - 130 %	
% Dibromofluoromethane	97				%	1	02/02/19	HM	70 - 130 %	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW1

Phoenix I.D.: CC39300

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	1	02/02/19	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	101			%	10	02/04/19	HM	70 - 130 %
% Bromofluorobenzene (10x)	94			%	10	02/04/19	HM	70 - 130 %
% Dibromofluoromethane (10x)	98			%	10	02/04/19	HM	70 - 130 %
% Toluene-d8 (10x)	94			%	10	02/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	02/02/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	02/02/19	HM	70 - 130 %
% Bromofluorobenzene	100			%	1	02/02/19	HM	70 - 130 %
% Toluene-d8	100			%	1	02/02/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	02/02/19	HM	SW8260C
Client MS/MSD	Completed					02/04/19		

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 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
February 07, 2019
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2019

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:	DR	01/30/19	9:50
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39301

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW2

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	02/04/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/04/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/04/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/04/19	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/04/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW2

Phoenix I.D.: CC39301

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	4.8	JS	5.0	2.5	ug/L	1	02/04/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/04/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/04/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/04/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/04/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/04/19	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/04/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/04/19	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/04/19	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/04/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/04/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/04/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/04/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	02/04/19	HM	70 - 130 %	
% Bromofluorobenzene	97				%	1	02/04/19	HM	70 - 130 %	
% Dibromofluoromethane	98				%	1	02/04/19	HM	70 - 130 %	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW2

Phoenix I.D.: CC39301

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	02/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	02/04/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	02/04/19	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	02/04/19	HM	70 - 130 %
% Toluene-d8	90			%	1	02/04/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/04/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	02/04/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	02/04/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	02/04/19	HM	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 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
February 07, 2019
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

February 07, 2019

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:	DR	01/30/19	11:15
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39302

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW3

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	02/02/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trimethylbenzene	38	5.0	1.3	ug/L	5	02/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3,5-Trimethylbenzene	3.0	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW3

Phoenix I.D.: CC39302

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	6.5	S	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Ethylbenzene	8.6		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/02/19	HM	SW8260C	
Isopropylbenzene	1.5		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
m&p-Xylene	1.8		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
Naphthalene	3.1		1.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
n-Butylbenzene	0.68	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
n-Propylbenzene	3.4		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
o-Xylene	0.35	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
p-Isopropyltoluene	0.36	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
sec-Butylbenzene	0.37	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	96				%	1	02/02/19	HM	70 - 130 %	
% Bromofluorobenzene	97				%	1	02/02/19	HM	70 - 130 %	
% Dibromofluoromethane	91				%	1	02/02/19	HM	70 - 130 %	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW3

Phoenix I.D.: CC39302

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	94			%	1	02/02/19	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	97			%	5	02/04/19	HM	70 - 130 %
% Bromofluorobenzene (5x)	92			%	5	02/04/19	HM	70 - 130 %
% Dibromofluoromethane (5x)	99			%	5	02/04/19	HM	70 - 130 %
% Toluene-d8 (5x)	83			%	5	02/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	02/02/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	02/02/19	HM	70 - 130 %
% Bromofluorobenzene	97			%	1	02/02/19	HM	70 - 130 %
% Toluene-d8	94			%	1	02/02/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	02/02/19	HM	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.

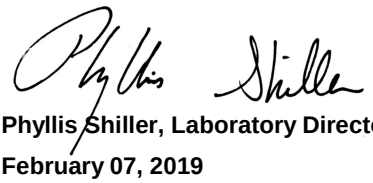
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab 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
February 07, 2019
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2019

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:	DR	01/30/19	10:30
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39303

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW4

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	02/02/19	HM	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trimethylbenzene	0.82	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
2-Isopropyltoluene	0.59	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW4

Phoenix I.D.: CC39303

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	4.3	JS	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/02/19	HM	SW8260C	
Isopropylbenzene	1.0		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
n-Butylbenzene	0.74	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
n-Propylbenzene	2.9		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
p-Isopropyltoluene	0.30	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
sec-Butylbenzene	0.62	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrachloroethene	3.5		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	02/02/19	HM	70 - 130 %	
% Bromofluorobenzene	98				%	1	02/02/19	HM	70 - 130 %	
% Dibromofluoromethane	100				%	1	02/02/19	HM	70 - 130 %	

Ver 1

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW4

Phoenix I.D.: CC39303

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	95			%	1	02/02/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	02/02/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	02/02/19	HM	70 - 130 %
% Bromofluorobenzene	98			%	1	02/02/19	HM	70 - 130 %
% Toluene-d8	95			%	1	02/02/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	02/02/19	HM	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 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
February 07, 2019
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

February 07, 2019

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:	DR	01/30/19	12:00
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39304

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW5

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	02/05/19	HM	SW8260C	
1,1,1-Trichloroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1-Dichloroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1-Dichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1-Dichloropropene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,3-Trichloropropane	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,4-Trimethylbenzene	120		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		2.5	2.5	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dibromoethane	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dichlorobenzene	ND		4.7	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dichloroethane	ND		2.5	2.5	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dichloropropane	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,3,5-Trimethylbenzene	15		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,3-Dichlorobenzene	ND		3.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,3-Dichloropropane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,4-Dichlorobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
2,2-Dichloropropane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
2-Chlorotoluene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
2-Hexanone	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
2-Isopropyltoluene	3.0	J	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	1
4-Chlorotoluene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
4-Methyl-2-pentanone	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	

Ver 1

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW5

Phoenix I.D.: CC39304

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	02/05/19	HM	SW8260C	
Acrolein	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	02/05/19	HM	SW8260C	
Benzene	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Ethylbenzene	37		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	02/05/19	HM	SW8260C	
Isopropylbenzene	32		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
m&p-Xylene	12		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	02/05/19	HM	SW8260C	
Naphthalene	49		5.0	5.0	ug/L	5	02/05/19	HM	SW8260C	
n-Butylbenzene	11		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
n-Propylbenzene	110		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
o-Xylene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
p-Isopropyltoluene	4.4	J	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
sec-Butylbenzene	7.1		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	02/05/19	HM	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	02/05/19	HM	70 - 130 %	
% Bromofluorobenzene (5x)	99				%	5	02/05/19	HM	70 - 130 %	
% Dibromofluoromethane (5x)	92				%	5	02/05/19	HM	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	93			%	5	02/05/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	500	250	ug/l	5	02/05/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	02/05/19	HM	70 - 130 %
% Bromofluorobenzene (5x)	99			%	5	02/05/19	HM	70 - 130 %
% Toluene-d8 (5x)	93			%	5	02/05/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C
Acrolein	ND	13	13	ug/L	5	02/05/19	HM	SW8260C
Acrylonitrile	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C
Tert-butyl alcohol	ND	250	50	ug/L	5	02/05/19	HM	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 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.

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

Phyllis Shiller, Laboratory Director
February 07, 2019
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

February 07, 2019

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:	DR	01/30/19	13:00
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39305

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW6

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	02/05/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1-Dichloroethene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,1-Dichloropropene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2,4-Trimethylbenzene	150	20	5.0	ug/L	20	02/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.5	2.5	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dibromoethane	ND	1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	4.7	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dichloroethane	ND	2.5	2.5	ug/L	5	02/05/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,3,5-Trimethylbenzene	33	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	3.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,3-Dichloropropane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
2,2-Dichloropropane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
2-Chlorotoluene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
2-Hexanone	ND	13	13	ug/L	5	02/05/19	HM	SW8260C	
2-Isopropyltoluene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	1
4-Chlorotoluene	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	13	13	ug/L	5	02/05/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: 17GW6

Phoenix I.D.: CC39305

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		25	13	ug/L	5	02/05/19	HM	SW8260C	
Acrolein	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
Acrylonitrile	ND		5.0	5.0	ug/L	5	02/05/19	HM	SW8260C	
Benzene	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromochloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromodichloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromoform	ND		25	1.3	ug/L	5	02/05/19	HM	SW8260C	
Bromomethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Carbon Disulfide	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Carbon tetrachloride	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chlorobenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chloroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chloroform	ND		7.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Chloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
Dibromochloromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Dibromomethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Ethylbenzene	150		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Hexachlorobutadiene	ND		1.0	1.0	ug/L	5	02/05/19	HM	SW8260C	
Isopropylbenzene	6.9		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
m&p-Xylene	140		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Methyl ethyl ketone	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Methylene chloride	ND		5.0	5.0	ug/L	5	02/05/19	HM	SW8260C	
Naphthalene	39		5.0	5.0	ug/L	5	02/05/19	HM	SW8260C	
n-Butylbenzene	1.9	J	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
n-Propylbenzene	17		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
o-Xylene	17		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
p-Isopropyltoluene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
sec-Butylbenzene	1.3	J	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Styrene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
tert-Butylbenzene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Tetrachloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		25	13	ug/L	5	02/05/19	HM	SW8260C	1
Toluene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		1.3	1.3	ug/L	5	02/05/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		13	13	ug/L	5	02/05/19	HM	SW8260C	
Trichloroethene	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Trichlorofluoromethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		5.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
Vinyl chloride	ND		2.0	1.3	ug/L	5	02/05/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (5x)	100				%	5	02/05/19	HM	70 - 130 %	
% Bromofluorobenzene (5x)	97				%	5	02/05/19	HM	70 - 130 %	
% Dibromofluoromethane (5x)	94				%	5	02/05/19	HM	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (5x)	89			%	5	02/05/19	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	02/04/19	HM	70 - 130 %
% Bromofluorobenzene (20x)	98			%	20	02/04/19	HM	70 - 130 %
% Dibromofluoromethane (20x)	101			%	20	02/04/19	HM	70 - 130 %
% Toluene-d8 (20x)	82			%	20	02/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	500	250	ug/l	5	02/05/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (5x)	100			%	5	02/05/19	HM	70 - 130 %
% Bromofluorobenzene (5x)	97			%	5	02/05/19	HM	70 - 130 %
% Toluene-d8 (5x)	89			%	5	02/05/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C
Acrolein	ND	13	13	ug/L	5	02/05/19	HM	SW8260C
Acrylonitrile	ND	5.0	1.3	ug/L	5	02/05/19	HM	SW8260C
Tert-butyl alcohol	ND	250	50	ug/L	5	02/05/19	HM	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.

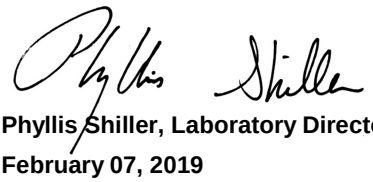
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab 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.

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

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



Phyllis Shiller, Laboratory Director
February 07, 2019
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

February 07, 2019

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:	DR	01/30/19	
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39306

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: GW 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	02/02/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trimethylbenzene	200	10	2.5	ug/L	10	02/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3,5-Trimethylbenzene	14	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
2-Isopropyltoluene	1.3	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: GW DUPLICATE

Phoenix I.D.: CC39306

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	6.5	S	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon Disulfide	0.59	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Ethylbenzene	160		10	2.5	ug/L	10	02/04/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/02/19	HM	SW8260C	
Isopropylbenzene	24		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
m&p-Xylene	39		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
Naphthalene	52		10	10	ug/L	10	02/04/19	HM	SW8260C	
n-Butylbenzene	3.5		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
n-Propylbenzene	55		10	2.5	ug/L	10	02/04/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
p-Isopropyltoluene	1.8		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
sec-Butylbenzene	2.8		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Styrene	0.32	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
tert-Butylbenzene	0.49	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	1
Toluene	0.57	J	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	92				%	1	02/02/19	HM	70 - 130 %	
% Bromofluorobenzene	110				%	1	02/02/19	HM	70 - 130 %	
% Dibromofluoromethane	100				%	1	02/02/19	HM	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	96			%	1	02/02/19	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	100			%	10	02/04/19	HM	70 - 130 %
% Bromofluorobenzene (10x)	97			%	10	02/04/19	HM	70 - 130 %
% Dibromofluoromethane (10x)	102			%	10	02/04/19	HM	70 - 130 %
% Toluene-d8 (10x)	96			%	10	02/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	02/02/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	92			%	1	02/02/19	HM	70 - 130 %
% Bromofluorobenzene	110			%	1	02/02/19	HM	70 - 130 %
% Toluene-d8	96			%	1	02/02/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	02/02/19	HM	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.

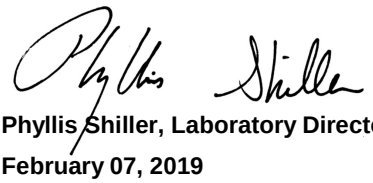
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab 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
February 07, 2019
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

February 07, 2019

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:	DR	01/30/19	
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC39300
Phoenix ID: CC39307

Project ID: 1815 OCEAN AVE, BROOKLYN NY
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	02/02/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	02/02/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: GW TRIP BLANK

Phoenix I.D.: CC39307

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.7	JS	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	02/02/19	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	02/02/19	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	02/02/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	02/02/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	02/02/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	02/02/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	102				%	1	02/02/19	HM	70 - 130 %	
% Bromofluorobenzene	93				%	1	02/02/19	HM	70 - 130 %	
% Dibromofluoromethane	98				%	1	02/02/19	HM	70 - 130 %	

Ver 1

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: GW TRIP BLANK

Phoenix I.D.: CC39307

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	02/02/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	02/02/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	1	02/02/19	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	02/02/19	HM	70 - 130 %
% Toluene-d8	90			%	1	02/02/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	02/02/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	02/02/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	02/02/19	HM	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 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:

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
February 07, 2019
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Thursday, February 07, 2019

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCC39300 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC39300	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	41	10	10	10	ug/L
CC39300	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	41	10	5	5	ug/L
CC39300	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	5	5	ug/L
CC39300	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	41	10	10	10	ug/L
CC39300	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC39300	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	44	10	5	5	ug/L
CC39300	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	22	1.0	5	5	ug/L
CC39300	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	120	10	5	5	ug/L
CC39300	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CC39300	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC39300	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC39300	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	10	5	5	ug/L
CC39301	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC39301	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC39301	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC39302	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	8.6	1.0	5	5	ug/L
CC39302	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC39302	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	38	5.0	5	5	ug/L
CC39302	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC39302	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC39302	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	8.6	1.0	5	5	ug/L
CC39303	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC39303	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC39303	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC39304	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	49	5.0	10	10	ug/L
CC39304	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.3	0.7	0.7	ug/L
CC39304	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	49	5.0	5	5	ug/L
CC39304	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	37	5.0	5	5	ug/L
CC39304	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	49	5.0	10	10	ug/L
CC39304	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	32	5.0	5	5	ug/L
CC39304	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CC39304	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	37	5.0	5	5	ug/L
CC39304	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CC39304	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CC39304	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
CC39304	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CC39304	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CC39304	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CC39304	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L

Thursday, February 07, 2019

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCC39300 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC39304	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	120	5.0	5	5	ug/L
CC39304	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CC39304	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CC39304	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	7.1	5.0	5	5	ug/L
CC39304	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CC39304	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CC39304	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CC39304	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	11	5.0	5	5	ug/L
CC39304	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	110	5.0	5	5	ug/L
CC39304	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CC39305	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	39	5.0	10	10	ug/L
CC39305	$8260DP25R	o-Xylene	NY / TAGM - Volatile Organics / Groundwater Standards	17	5.0	5	5	ug/L
CC39305	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	39	5.0	5	5	ug/L
CC39305	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	150	5.0	5	5	ug/L
CC39305	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	1.3	0.7	0.7	ug/L
CC39305	$8260DP25R	o-Xylene	NY / TOGS - Water Quality / GA Criteria	17	5.0	5	5	ug/L
CC39305	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	39	5.0	10	10	ug/L
CC39305	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CC39305	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.6	0.6	ug/L
CC39305	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	17	5.0	5	5	ug/L
CC39305	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CC39305	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.04	0.04	ug/L
CC39305	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	20	5	5	ug/L
CC39305	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	6.9	5.0	5	5	ug/L
CC39305	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	33	5.0	5	5	ug/L
CC39305	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CC39305	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
CC39305	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CC39305	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CC39305	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.0006	0.0006	ug/L
CC39305	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	1	1	ug/L
CC39305	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.4	0.4	ug/L
CC39305	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.04	0.04	ug/L
CC39305	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	150	5.0	5	5	ug/L
CC39305	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	13	5	5	ug/L
CC39306	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	52	10	10	10	ug/L
CC39306	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	52	10	5	5	ug/L
CC39306	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	160	10	5	5	ug/L
CC39306	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	55	10	5	5	ug/L
CC39306	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	200	10	5	5	ug/L

Thursday, February 07, 2019

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCC39300 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC39306	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	24	1.0	5	5	ug/L
CC39306	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	52	10	10	10	ug/L
CC39306	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	160	10	5	5	ug/L
CC39306	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CC39306	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC39306	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC39306	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC39307	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC39307	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC39307	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 07, 2019

SDG I.D.: GCC39300

The samples in this delivery group were received at 1.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 1.5 °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:
[ ] Phone: 631-504-6000
[x] Email: File

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

Project: 1815 Ocean Ave, Brooklyn NY
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: David Rukh Date: 1-30-19

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: VOCs 8260	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	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	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
39300	17GW1	GW	1-30-19	9:00	X				9						
39301	17GW2	↓	↓	9:50	X				3						
39302	17GW3			11:15	X				3						
39303	17GW4			10:30	X				3						
39304	17GW5			12:00	X				3						
39305	17GW6			13:00	X				3						
39306	GW ~~Dup~~ Duplicate				X				3						
39307	GW trip blank				X				2						

Relinquished by:	Accepted by:	Date:	Time:
Daniel Rukh		1-31-19	12:45
	Kumpeo OB	1-31-19	15:34

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

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[x] 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

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

PHOENIX
Environmental Laboratories, Inc.

Monday, February 04, 2019

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

Project ID: **1815 OCEAN AVE, BROOKLYN NY**
SDG ID: **GCC39292**
Sample ID#s: CC39292 - CC39293

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

Sample Id Cross Reference

February 04, 2019

SDG I.D.: GCC39292

Project ID: 1815 OCEAN AVE, BROOKLYN NY

Client Id	Lab Id	Matrix
POST-CARBON	CC39292	AIR
PRE-CARBON	CC39293	AIR

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

February 04, 2019

SDG I.D.: GCC39292

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

February 04, 2019

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:	DR	01/30/19	11:15
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19844				

Laboratory Data

SDG ID: GCC39292
Phoenix ID: CC39292

Project ID: 1815 OCEAN AVE, BROOKLYN NY
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	02/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	02/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2,4-Trimethylbenzene	1.00	*0.204*	0.204	4.91	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	02/01/19	KCA	1	
1,3,5-Trimethylbenzene	1.05	*0.204*	0.204	5.16	*1.00*	1.00	02/01/19	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	02/01/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	02/01/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	02/01/19	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	02/01/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	02/01/19	KCA	1	1
4-Ethyltoluene	0.669	*0.204*	0.204	3.29	*1.00*	1.00	02/01/19	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	02/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	02/01/19	KCA	1	
Acetone	3.26	*0.421*	0.421	7.74	*1.00*	1.00	02/01/19	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	02/01/19	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	02/01/19	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	02/01/19	KCA	1	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: POST-CARBON

Phoenix I.D.: CC39292

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	02/01/19	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	02/01/19	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	02/01/19	KCA	1	
Carbon Disulfide	0.344	*0.321*	0.321	1.07	*1.00*	1.00	02/01/19	KCA	1	
Carbon Tetrachloride	0.054	*0.032*	0.032	0.34	*0.20*	0.20	02/01/19	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	02/01/19	KCA	1	
Chloroethane	0.495	*0.379*	0.379	1.31	*1.00*	1.00	02/01/19	KCA	1	
Chloroform	5.87	*0.205*	0.205	28.6	*1.00*	1.00	02/01/19	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	02/01/19	KCA	1	
Cis-1,2-Dichloroethene	0.057	*0.051*	0.051	0.23	*0.20*	0.20	02/01/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	02/01/19	KCA	1	
Cyclohexane	ND	*0.291*	0.291	ND	*1.00*	1.00	02/01/19	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	02/01/19	KCA	1	
Dichlorodifluoromethane	0.548	*0.202*	0.202	2.71	*1.00*	1.00	02/01/19	KCA	1	
Ethanol	2.09	*0.531*	0.531	3.94	*1.00*	1.00	02/01/19	KCA	1	1
Ethyl acetate	0.459	*0.278*	0.278	1.65	*1.00*	1.00	02/01/19	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	02/01/19	KCA	1	
Heptane	ND	*0.244*	0.244	ND	*1.00*	1.00	02/01/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	02/01/19	KCA	1	
Hexane	ND	*0.284*	0.284	ND	*1.00*	1.00	02/01/19	KCA	1	
Isopropylalcohol	0.655	*0.407*	0.407	1.61	*1.00*	1.00	02/01/19	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	02/01/19	KCA	1	
m,p-Xylene	0.455	*0.230*	0.230	1.97	*1.00*	1.00	02/01/19	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	02/01/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	02/01/19	KCA	1	
Methylene Chloride	ND	*0.864*	0.864	ND	*3.00*	3.00	02/01/19	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	02/01/19	KCA	1	1
o-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	02/01/19	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	02/01/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	02/01/19	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	02/01/19	KCA	1	
Tetrachloroethene	0.454	*0.037*	0.037	3.08	*0.25*	0.25	02/01/19	KCA	1	
Tetrahydrofuran	4.11	*0.339*	0.339	12.1	*1.00*	1.00	02/01/19	KCA	1	1
Toluene	ND	*0.266*	0.266	ND	*1.00*	1.00	02/01/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	02/01/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	02/01/19	KCA	1	
Trichloroethene	0.064	*0.037*	0.037	0.34	*0.20*	0.20	02/01/19	KCA	1	
Trichlorofluoromethane	0.605	*0.178*	0.178	3.40	*1.00*	1.00	02/01/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	02/01/19	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	02/01/19	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	96	%	%	96	%	%	02/01/19	KCA	1	
% IS-1,4-Difluorobenzene	109	%	%	109	%	%	02/01/19	KCA	1	
% IS-Bromochloromethane	105	%	%	105	%	%	02/01/19	KCA	1	
% IS-Chlorobenzene-d5	106	%	%	106	%	%	02/01/19	KCA	1	

Ver 1

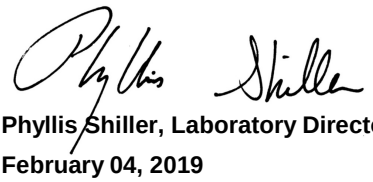
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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:

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

February 04, 2019

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

February 04, 2019

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:	DR	01/30/19	11:35
Location Code:	EBC	Received by:	CP	01/31/19	15:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19836				

Laboratory Data

SDG ID: GCC39292
Phoenix ID: CC39293

Project ID: 1815 OCEAN AVE, BROOKLYN NY
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	02/01/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	02/01/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	02/01/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2,4-Trimethylbenzene	0.832	*0.204*	0.204	4.09	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	02/01/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	02/01/19	KCA	1	
1,3,5-Trimethylbenzene	1.61	*0.204*	0.204	7.91	*1.00*	1.00	02/01/19	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	02/01/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	02/01/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	02/01/19	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	02/01/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	02/01/19	KCA	1	1
4-Ethyltoluene	0.654	*0.204*	0.204	3.21	*1.00*	1.00	02/01/19	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	02/01/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	02/01/19	KCA	1	
Acetone	4.49	*0.421*	0.421	10.7	*1.00*	1.00	02/01/19	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	02/01/19	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	02/01/19	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	02/01/19	KCA	1	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: PRE-CARBON

Phoenix I.D.: CC39293

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	02/01/19	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	02/01/19	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	02/01/19	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	02/01/19	KCA	1	
Carbon Tetrachloride	0.081	*0.032*	0.032	0.51	*0.20*	0.20	02/01/19	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	02/01/19	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	02/01/19	KCA	1	
Chloroform	4.04	*0.205*	0.205	19.7	*1.00*	1.00	02/01/19	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	02/01/19	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	02/01/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	02/01/19	KCA	1	
Cyclohexane	4.49	*0.291*	0.291	15.4	*1.00*	1.00	02/01/19	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	02/01/19	KCA	1	
Dichlorodifluoromethane	0.593	*0.202*	0.202	2.93	*1.00*	1.00	02/01/19	KCA	1	
Ethanol	0.743	*0.531*	0.531	1.40	*1.00*	1.00	02/01/19	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	02/01/19	KCA	1	1
Ethylbenzene	ND	*0.230*	0.230	ND	*1.00*	1.00	02/01/19	KCA	1	
Heptane	3.05	*0.244*	0.244	12.5	*1.00*	1.00	02/01/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	02/01/19	KCA	1	
Hexane	1.76	*0.284*	0.284	6.20	*1.00*	1.00	02/01/19	KCA	1	
Isopropylalcohol	ND	*0.407*	0.407	ND	*1.00*	1.00	02/01/19	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	02/01/19	KCA	1	
m,p-Xylene	ND	*0.230*	0.230	ND	*1.00*	1.00	02/01/19	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	02/01/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	02/01/19	KCA	1	
Methylene Chloride	ND	*0.864*	0.864	ND	*3.00*	3.00	02/01/19	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	02/01/19	KCA	1	1
o-Xylene	0.263	*0.230*	0.230	1.14	*1.00*	1.00	02/01/19	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	02/01/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	02/01/19	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	02/01/19	KCA	1	
Tetrachloroethene	5.32	*0.037*	0.037	36.1	*0.25*	0.25	02/01/19	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	02/01/19	KCA	1	1
Toluene	0.583	*0.266*	0.266	2.20	*1.00*	1.00	02/01/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	02/01/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	02/01/19	KCA	1	
Trichloroethene	0.135	*0.037*	0.037	0.73	*0.20*	0.20	02/01/19	KCA	1	
Trichlorofluoromethane	0.261	*0.178*	0.178	1.47	*1.00*	1.00	02/01/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	02/01/19	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	02/01/19	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	101	*%*	%	101	*%*	%	02/01/19	KCA	1	
% IS-1,4-Difluorobenzene	106	*%*	%	106	*%*	%	02/01/19	KCA	1	
% IS-Bromochloromethane	114	*%*	%	114	*%*	%	02/01/19	KCA	1	
% IS-Chlorobenzene-d5	116	*%*	%	116	*%*	%	02/01/19	KCA	1	

Project ID: 1815 OCEAN AVE, BROOKLYN NY
Client ID: PRE-CARBON

Phoenix I.D.: CC39293

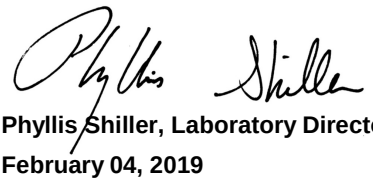
Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

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:

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

February 04, 2019

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

Canister Sampling Information

February 04, 2019

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

Location Code: EBC

SDG I.D.: GCC39292

Project ID: 1815 OCEAN AVE, BROOKLYN NY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
POST-CARBON	CC39292	19844	6.0L	3969	01/25/19	-30	-2	173	173	0.0	-29	-4	01/30/19 0:00	01/30/19 0:00
PRE-CARBON	CC39293	19836	6.0L	4493	01/25/19	-30	-4	173	202	15.5	-27	-5	01/30/19 0:00	01/30/19 0:00

Monday, February 04, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC39292 - 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: File
☐ Phone #:

Report to: Thomas Gallo
Customer: EBC
Address:

Invoice to: EBC

Sampled by: David Rukki

Project Name: 1815 Ocean Ave, Brooklyn, NY
Requested Deliverable: RCP ☐ ASP CAT B ☒
MCP ☐ NJ Deliverables ☐
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
39292	Post - Carbon	19844	6.0	-30	-2	3969	173	10:40	11:15	1-30-19	-29	-4		X			X
39293	[redacted] Pre-Carbon	19836	↓	↓	-4	4493	↓	11:10	11:35	1-30-19	-27	-5		X			X
	[redacted] Do Not Analyze	23350	↓	↓		4495	↓	10:37	11:08	1-30-19	-28	0					

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1-31-19	12:15
[signature]	Dhrumilal Bunce	1-31-19	15:34

Data Format: Excel ☒ Equis ☒ Other ☒ (PDF)

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
Do Not Analyze
Canister ID # 23350

(3)(6.0)(30min)

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: [signature] Date: 1-30-19

APPENDIX D

ROUTINE SYSTEM INSPECTION FORM

1808 MIDDLE COUNTRY ROAD
RIDGE, NY 11961
PHONE 631.504.6000
FAX 631.924.2870

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 1-30-19

Time: 10:00 AM

Weather: 25°F / Clear

Inspector: DR

Extraction Point	Vacuum (iwc)	PID Reading(ppm)
SVE-1	-10.28	9.4
SVE-2	-10.03	6.5
Blower inlet	-18.5	4.5
Carbon inlet	---	0.1
Between carbon	---	8.9

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

Comments:

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

AIR SPARGING SYSTEM INSPECTION FORM

Injection Point	Pressure
AS-1	5.4
AS-2	5.2
AS-3	5.4
AS-4	5.6
AS-5	No reading
AS-6	5.1
AS-7	No reading
AS-8	5.3

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

Comments:

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

CARBON MONITORING

Carbon filter installation date:_____

Date/Time	Location	PID reading	PID units(ppm or ppb)
1-30-19 / 10:05	Pre-Carbon	4.5	ppm
1-30-19 / 10:08	Between Carbon	8.9	ppm
1-30-19 / 10:11	Post -Carbon	0.1	ppm

Comments:

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

EQUIPMENT SHED

Inspection:	Yes / No	Comments
Vent Operating?	Yes	