June 11, 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 (Q2;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 second 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
Senior Project Manager

Cc: G. Bobersky
J. O'Connell
R. Ockerby, NYSDOH
C. Sosik, EBC
A. Czemerinski, AMC

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

TOMAT SERVICE STATION
NYSDEC BCP Number C224217
Quarterly Status Report 2019

Reporting Summary

Report Date: June 11, 2019

Reporting Period: 2nd Quarter of 2019

Site Status: The building is currently occupied.

Work Performed this Quarter: April 3, 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.

April 9, 2019 – Installation of new carbon drums.

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 2Q19 groundwater sampling event was performed on April 3, 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 second 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 April 3, 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 (260 µg/L), 1,3,5-trimethylbenzene (16 µg/L), ethylbenzene (140 µg/L), isopropylbenzene (14 µg/L), naphthalene (51 µg/L) and n-propylbenzene (34 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 554.94 µg/L was reported during the second quarter 2019 sampling event.

17GW2– No VOCs were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 0.0 µg/L was reported during the second quarter 2019 sampling event.

17GW3– VOCs including, 1,2,4-trimethylbenzene (35 µg/L), ethylbenzene (18 µg/L), were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 76.48 µg/L was reported during the second quarter 2019 sampling event.

17GW4– No VOCs were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 15.20 µg/L was reported during the second quarter 2019 sampling event.

17GW5– VOCs including, 1,2,4-trimethylbenzene (190 µg/L), 1,3,5-trimethylbenzene (17 µg/L), ethylbenzene (35 µg/L), isopropylbenzene (48 µg/L), naphthalene (64 µg/L), n-butylbenzene (19 µg/L), n-propylbenzene (140 µg/L), p- isopropyltoluene (6.9 µg/L), and sec-butylbenzene (9.5 µg/L) were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 543.40 µg/L was reported during the second quarter 2019 sampling event.

1808 Middle Country Road
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17GW6– No VOCs were reported above NYSDEC Groundwater Quality Standards. A total VOC concentration of 8.4 µg/L was reported during the second quarter 2019 sampling event.

QUATERLY AIR SAMPLE RESULTS

PRE-CARBON – The April 2019 BTEX concentration was reported at 40 µg/m^3. The total VOC concentrations during this period was reported at 268.15 µg/m^3. PID reading for this port was 15.2 ppm.

POST-CARBON – The April 2019 BTEX concentration was reported at 0 µg/m^3. The total VOC concentrations during this period was reported at 1,768.10 µg/m^3. PID reading for this port was 12.8 ppm.

QUATERLY PID AND VACUUM MEASUREMENTS

April 2019:

S*VE-1* – PID reading for this port was 0.9 ppm with a vacuum of -24.0 IWC.

S*VE-2* – PID reading for this port was 1.7 ppm with a vacuum of -23.9 IWC.

PRE-CARBON – PID reading for this port was 15.2 ppm.

BETWEEN-CARBON –PID reading for this port was 36.0 ppm.

POST-CARBON –PID reading for this port was 12.8 ppm.

AS-1 – Pressure reading of -5.4 iwc.

AS-2 – Pressure reading of -5.3 iwc.

AS-3 – Pressure reading of no reading

AS-4 – Pressure reading of -5.5 iwc.

AS-5 – Pressure reading of no reading.

AS-6 – Pressure reading of -5.5 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. Based on the latest round of results, EBC notes the site has been remediated. A separate letter was submitted to DEC in May 2019.

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TABLES

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Table 8
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		17GW1	
		11/13/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 2.5	2.5	<1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	< 0.25	0.25	< 2.5	2.5	< 0.25	0.25	< 2.5	2.5	<0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**560**	40	**120**	10	**110**	5.0	**81**	5.0	**210**	10	**150**	10	**260**	20
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 0.50	0.50	< 5.0	5.0	< 0.50	0.50	< 5.0	5.0	<0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	< 0.25	0.25	< 2.5	2.5	< 0.25	0.25	< 2.5	2.5	<0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 5.0	5.0	< 1.0	1.0	< 4.7	4.7	< 1.0	1.0	< 4.7	4.7	<1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	< 0.60	0.60	< 5.0	5.0	< 0.60	0.60	< 5.0	5.0	<0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 5.0	5.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 2.5	2.5	<1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**69**	20	**16**	1.0	**9.2**	5.0	**5.1**	1.0	**18**	10	**16**	1.0	**16**	1.0
1,3-Dichlorobenzene		< 5.0	5.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 3.0	3.0	<1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	**1.5**	1.0	< 5.0	5.0	**0.31**	1.0	< 5.0	5.0	1.2	1.0	**0.92**	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5
Acetone	50	< 50	50	< 5.0	5.0	< 50	50	**7.4**	5.0	< 50	50	8.4	5.0	**4.5**	5.0
Acrolein		< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	<5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Benzene	1	< 5.0	5.0	< 0.70	0.70	< 2.5	2.5	< 0.70	0.70	< 2.5	2.5	<0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Bromodichloromethane		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0
Bromoform		< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	< 50	50	<5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	0.74	1.0	**0.41**	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 5.0	5.0	< 7.0	7.0	< 5.0	5.0	< 7.0	7.0	<5.0	5.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 2.5	2.5	< 0.40	0.40	< 2.5	2.5	<0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**320**	20	**76**	10	**80**	5.0	**65**	5.0	**130**	10	**120**	10	**140**	20
Hexachlorobutadiene	0.5	< 4.0	4.0	< 0.50	0.50	< 2.0	2.0	< 0.50	0.50	< 2.0	2.0	<0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**39**	20	**22**	1.0	**12**	5.0	**5.8**	1.0	**13**	10	**22**	1.0	**14**	1.0
m&p-Xylenes		**290**	20	**64**	10	**54**	10	**29**	1.0	**63**	10	**40**	1.0	**26**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 20	20	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 5.0	5.0	<3.0	3.0	< 3.0	3.0
Naphthalene	10	**190**	20	**53**	10	**42**	10	**24**	10	**58**	10	**41**	10	**51**	20
n-Butylbenzene	5	**9.4**	20	**3.7**	1.0	**2.6**	5.0	**0.7**	1.0	< 5.0	5.0	3	1.0	**3.5**	1.0
n-Propylbenzene	5	**81**	20	**27**	10	**25**	5.0	**11**	1.0	**28**	10	**44**	10	**34**	20
o-Xylene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 5.0	5.0	**1.7**	1.0	< 5.0	5.0	**0.5**	1.0	< 5.0	5.0	1.8	1.0	**1.9**	1.0
sec-Butylbenzene	5	**5.4**	20	**2.9**	1.0	< 5.0	5.0	**0.68**	1.0	< 5.0	5.0	2.7	1.0	**2.4**	1.0
Styrene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	0.34	1.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	< 50	50	< 50	50	< 500	500	<50	50	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	**0.6**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	0.38	1.0	**0.31**	1.0
Tetrachloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)		< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	< 50	50	<5.0	5.0	< 5.0	5.0
Toluene	5	< 5.0	5.0	**0.26**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	0.56	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	< 0.40	0.40	< 2.5	2.5	< 0.40	0.40	< 2.5	2.5	<0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 2.5	2.5	<1.0	1.0	< 1.0	1.0
1,4 - dioxane		-	-	-	-	< 0.20	0.20	< 100	100	< 1000	1,000	<100	100	< 100	100
Total VOCs		1563.8		388.66		334.8		230.49		520.00		433.00		554.94	

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

Table 8
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		17GW2	
		11/13/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	< 2.5	2.5	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	<0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**2,100**	100	**640**	50	**2.1**	1.0	**0.46**	1.0	**0.62**	1.0	<1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 5.0	5.0	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	<0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	< 2.5	2.5	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	<0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 5.0	5.0	< 4.7	4.7	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	< 5.0	5.0	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	<0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 5.0	5.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**480**	20	**110**	10	**0.54**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene		< 5.0	5.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<0.25	0.25	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<0.25	0.25	< 2.5	2.5
Acetone	50	< 50	50	< 50	50	< 5.0	5.0	**3.8**	5.0	**2.5**	5.0	**4.8**	5.0	< 5.0	5.0
Acrolein		< 50	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 50	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Benzene	1	**6.9**	14	< 2.5	2.5	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	<0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromodichloromethane		< 20	20	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromoform		< 50	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 20	20	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 7.0	7.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 2.5	2.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	<0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 20	20	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**1,400**	100	**470**	50	**0.69**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 2.0	2.0	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	<0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**81**	20	**34**	10	**0.29**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
m&p-Xylenes		**1,300**	100	**570**	10	**0.53**	1.0	< 1.0	1.0	**0.65**	1.0	<1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 20	20	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 20	20	< 10	10	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0	< 3.0	3.0
Naphthalene	10	**450**	100	**160**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**13**	20	**8.9**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**210**	20	**72**	10	**0.67**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
o-Xylene	5	**740**	100	**45**	10	< 1.0	1.0	< 1.0	1.0	**0.27**	1.0	<1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		**7.7**	20	**3.9**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**12**	20	**6.4**	10	< 1.0	1.0	< 1.0	1.0	**0.44**	1.0	<1.0	1.0	< 1.0	1.0
Styrene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	< 50	50	< 50	50	< 50	50	<50	50	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)		< 50	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Toluene	5	**40**	20	**2.6**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	< 2.5	2.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	<0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,4 - dioxane		-	-	-	-	-	-	< 100	100	< 100	100	<100	100	< 100	100
Total VOCs		6840.6		2122.8		4.82		4.26		4.48		4.80		0.00	

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

Table 8
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		17GW3	
		11/13/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	< 2.5	2.5	< 0.25	0.25	< 0.50	0.50	< 0.25	0.25	<0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**1,600**	200	**140**	10	**420**	13	**150**	5.0	**55**	5.0	**38**	5.0	**35**	2.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 5.0	5.0	< 0.50	0.50	< 1.0	1.0	< 0.50	0.50	<0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	< 2.5	2.5	< 0.25	0.25	< 0.50	0.50	< 0.25	0.25	<0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 5.0	5.0	< 4.7	4.7	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	< 5.0	5.0	< 0.60	0.60	< 1.0	1.0	< 0.60	0.60	<0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 5.0	5.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**190**	20	**17**	10	**66**	5.0	**16**	2.0	**5.1**	1.0	**3**	1.0	**2.8**	1.0
1,3-Dichlorobenzene		< 5.0	5.0	< 3.0	3.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	**5.2**	10	**1.2**	1.0	< 2.0	2.0	**0.43**	1.0	<1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Acetone	50	< 50	50	< 50	50	< 5.0	5.0	**12**	10	< 5.0	5.0	6.5	5.0	< 5.0	5.0
Acrolein		< 50	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 50	50	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Benzene	1	**12**	14	< 2.5	2.5	**2.3**	0.70	< 0.70	0.70	< 0.70	0.70	<0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromodichloromethane		< 20	20	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromoform		< 50	50	< 50	50	< 5.0	5.0	< 10	10	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 20	20	< 10	10	**0.38**	1.0	**0.65**	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 7.0	7.0	< 5.0	5.0	< 7.0	7.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 2.5	2.5	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40	<0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 20	20	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**470**	20	**37**	10	**200**	5.0	**55**	2.0	**9.8**	1.0	**8.6**	1.0	**18**	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 2.0	2.0	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	<0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**71**	20	**53**	10	**24**	1.0	**6.7**	2.0	**2.1**	1.0	**1.5**	1.0	**2.1**	1.0
m&p-Xylenes		**450**	20	**17**	10	**34**	1.0	**25**	2.0	**4.5**	1.0	**1.8**	1.0	**6.9**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 20	20	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 20	20	< 10	10	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	<3.0	3.0	< 3.0	3.0
Naphthalene	10	**210**	20	**150**	10	**100**	10	**24**	2.0	**4.5**	1.0	**3.1**	1.0	**5.4**	1.0
n-Butylbenzene	5	**10**	20	**16**	10	**4.8**	1.0	**1.9**	2.0	**0.73**	1.0	**0.68**	1.0	**0.68**	1.0
n-Propylbenzene	5	**160**	20	**120**	10	**59**	5.0	**15**	2.0	**5.1**	1.0	**3.4**	1.0	**4.3**	1.0
o-Xylene	5	**180**	20	< 5.0	5.0	**6.2**	1.0	**1**	2.0	**0.48**	1.0	**0.35**	1.0	**0.46**	1.0
p-Isopropyltoluene		**5.5**	20	**8.8**	10	**2.8**	1.0	**1**	2.0	**0.64**	1.0	**0.36**	1.0	**0.35**	1.0
sec-Butylbenzene	5	**9.5**	20	**10**	10	**3.5**	1.0	< 2.0	2.0	**0.59**	1.0	**0.37**	1.0	**0.49**	1.0
Styrene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<50	50	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	< 50	50	< 100	100	< 50	50	<1.0	1.0	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)		< 50	50	< 50	50	< 5.0	5.0	< 10	10	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Toluene	5	**25**	20	< 5.0	5.0	**2.7**	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	< 2.5	2.5	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40	<0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 2.5	2.5	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,4 - dioxane		-	-	-	-	< 100	100	< 200	200	< 100	100	<100	100	< 100	100
Total VOCs		3393		574		926.88		308.25		88.97		61.16		76.48	

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

Table 8
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		17GW4	
		11/16/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,1-Dichloropropene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	<0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**230**	10	**64**	5.0	**5.1**	1.0	**2.7**	1.0	**16**	1.0	**0.82**	1.0	**4.6**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	<0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	<0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	<0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	0.94	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**0.3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**1.1**	1.0	<1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**4.2**	1.0	**4.6**	1.0	**2.6**	1.0	**1.2**	1.0	**3.8**	1.0	**0.59**	1.0	**1**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**3.8**	5.0	**3**	5.0	**4.3**	5.0	< 5.0	5.0
Acrolein		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	<0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromodichloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Bromoform		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroform	7	**1.4**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.31**	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	<0.40	0.40	< 0.40	0.40
Dibromochloromethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**1.9**	1.0	**1.9**	1.0	**0.98**	1.0	**0.45**	1.0	**1.9**	1.0	<1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	<0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**12**	1.0	**15**	1.0	**8.7**	1.0	**3.9**	1.0	**13**	1.0	**1**	1.0	**1.6**	1.0
m&p-Xylenes		**2.2**	1.0	**0.39**	1.0	< 1.0	1.0	< 1.0	1.0	**0.79**	1.0	<1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Methylene chloride	5	**1.3**	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**4.3**	1.0	**9.2**	1.0	**14**	1.0	**4.5**	1.0	**8.7**	1.0	**0.74**	1.0	**1**	1.0
n-Propylbenzene	5	**25**	10	**52**	5.0	**30**	1.0	**13**	1.0	**34**	2.0	**2.9**	1.0	**3.2**	1.0
o-Xylene	5	**1.2**	1.0	**0.46**	1.0	< 1.0	1.0	< 1.0	1.0	**0.47**	1.0	**<1.0**	1.0	< 1.0	1.0
p-Isopropyltoluene		**4.1**	1.0	**5.2**	1.0	**2.1**	1.0	**0.66**	1.0	**1.4**	1.0	**0.3**	1.0	< 1.0	1.0
sec-Butylbenzene	5	**3.4**	1.0	**5.7**	1.0	**6.5**	1.0	**2.9**	1.0	**6.1**	1.0	**0.62**	1.0	**1.1**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	< 50	50	< 50	50	< 50	50	<50	50	< 50	50
tert-Butylbenzene	5	**0.97**	1.0	**1.5**	1.0	**0.92**	1.0	**0.39**	1.0	**1.2**	1.0	<1.0	1.0	**0.3**	1.0
Tetrachloroethene	5	**0.27**	1.0	< 1.0	1.0	< 1.0	1.0	**0.5**	1.0	**0.64**	1.0	**3.5**	1.0	**2.4**	1.0
Tetrahydrofuran (THF)		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Toluene	5	**0.37**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.54**	1.0	<1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	<0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 1.0	1.0
1,4 - dioxane		-	-	-	-	< 0.20	0.20	< 100	100	< 100	100	<100	100	< 100	100
Total VOCs		292.91		160.45		70.9		34.31		92.64		14.77		15.20	

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

Table 8
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		17GW5	
		11/13/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2-Trichloroethane	1	< 2.5	2.5	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloropropene		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,2,3-Trichlorobenzene		< 10	10	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
1,2,3-Trichloropropane	0.04	< 2.5	2.5	< 2.5	2.5	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
1,2,4-Trichlorobenzene		< 10	10	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
1,2,4-Trimethylbenzene	5	**390**	20	**570**	50	**160**	5.0	**140**	5.0	**110**	5.0	**120**	5.0	**190**	20
1,2-Dibromo-3-chloropropane	0.04	< 5.0	5.0	< 5.0	5.0	< 0.50	0.50	< 0.50	0.50	< 2.5	2.5	<2.5	2.5	< 10	10
1,2-Dibromoethane		< 2.5	2.5	< 2.5	2.5	< 0.25	0.25	< 0.25	0.25	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
1,2-Dichlorobenzene	5	< 4.7	4.7	< 4.7	4.7	< 1.0	1.0	< 1.0	1.0	< 4.7	4.7	<4.7	4.7	< 5.0	5.0
1,2-Dichloroethane	0.6	< 5.0	5.0	< 5.0	5.0	< 0.60	0.60	< 0.60	0.60	< 2.5	2.5	<2.5	2.5	< 10	10
1,2-Dichloropropane	0.94	< 2.5	2.5	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
1,3,5-Trimethylbenzene	5	**27**	10	**110**	10	**12**	1.0	**12**	1.0	**8.5**	5.0	**15**	5.0	**17**	5.0
1,3-Dichlorobenzene		< 3.0	3.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	<3.0	3.0	< 5.0	5.0
1,3-Dichloropropane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,4-Dichlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
2,2-Dichloropropane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
2-Chlorotoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
2-Hexanone (Methyl Butyl Ketone)		< 25	25	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
2-Isopropyltoluene	5	**4.3**	10	< 5.0	5.0	**5.4**	1.0	**4.9**	1.0	**4.8**	5.0	**3**	5.0	< 5.0	5.0
4-Chlorotoluene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
4-Methyl-2-Pentanone		< 25	25	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
Acetone	50	< 50	50	< 50	50	< 5.0	5.0	**2.6**	5.0	< 25	25	<25	25	< 50	50
Acrolein		< 25	25	< 25	25	< 5.0	5.0	< 5.0	5.0	< 13	13	<13	13	< 50	50
Acrylonitrile	5	< 25	25	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Benzene	1	< 2.5	2.5	**3.6**	7.0	< 0.70	0.70	< 0.70	0.70	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
Bromobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Bromochloromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Bromodichloromethane		< 10	10	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
Bromoform		< 50	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 25	25	<25	25	< 50	50
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 10	10	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
Carbon tetrachloride	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 7.0	7.0	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0	<7.0	7.0	< 7.0	7.0
Chloromethane	60	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**1.5**	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,3-Dichloropropene		< 2.5	2.5	< 2.5	2.5	< 0.40	0.40	< 0.40	0.40	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
Dibromochloromethane		< 10	10	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
Dibromomethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Ethylbenzene	5	**46**	10	**270**	10	**25**	1.0	**25**	1.0	**21**	5.0	**37**	5.0	**35**	20
Hexachlorobutadiene	0.5	< 2.0	2.0	< 2.0	2.0	< 0.50	0.50	< 0.50	0.50	< 1.0	1.0	<1.0	1.0	< 4.0	4.0
Isopropylbenzene	5	**50**	10	**42**	10	**55**	5.0	**49**	5.0	**43**	5.0	**32**	5.0	**48**	20
m&p-Xylenes		**17**	10	**250**	10	**13**	1.0	**13**	1.0	**7.6**	5.0	**12**	5.0	**14**	20
Methyl Ethyl Ketone (2-Butanone)	50	< 25	25	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
Methyl t-butyl ether (MTBE)	10	< 10	10	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
Methylene chloride	5	< 10	10	< 10	10	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	<5.0	5.0	< 10	10
Naphthalene	10	**150**	10	**140**	10	**120**	10	**92**	20	**63**	5.0	**49**	5.0	**64**	20
n-Butylbenzene	5	**15**	10	**6.8**	10	**15**	1.0	**16**	1.0	**14**	5.0	**11**	5.0	**19**	5.0
n-Propylbenzene	5	**140**	10	**84**	10	**130**	5.0	**130**	5.0	**130**	5.0	**110**	5.0	**140**	20
o-Xylene	5	< 5.0	5.0	**4.4**	10	**0.58**	1.0	**0.54**	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
p-Isopropyltoluene		**8.4**	10	**4.3**	10	**6.3**	1.0	**6.4**	1.0	**5.3**	5.0	**4.4**	5.0	**6.9**	5.0
sec-Butylbenzene	5	**9.8**	10	**5.2**	10	**11**	1.0	**11**	1.0	**9.2**	5.0	**7.1**	5.0	**9.5**	5.0
Styrene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
tert- Butylalcohol		-	-	-	-	< 50	50	< 50	50	< 250	250	<250	250	< 1000	1,000
tert-Butylbenzene	5	< 5.0	5.0	< 5.0	5.0	**1.3**	1.0	**1.2**	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Tetrachloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Tetrahydrofuran (THF)		< 50	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 25	25	<25	25	< 50	50
Toluene	5	< 5.0	5.0	**2.8**	10	**0.72**	1.0	**0.53**	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 2.5	2.5	< 2.5	2.5	< 0.40	0.40	< 0.40	0.40	< 1.3	1.3	<1.3	1.3	< 5.0	5.0
trans-1,4-dichloro-2-butene	5	< 25	25	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
Trichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Trichlorofluoromethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Trichlorotrifluoroethane		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Vinyl Chloride	2	< 2.5	2.5	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	<2.0	2.0	< 5.0	5.0
1,4 - dioxane		-	-	-	-	< 0.20	0.20	< 100	100	< 500	500	<500	500	< 1000	1,000
Total VOCs		857.50		1493.1		555.3		505.67		416.40		400.50		543.40	

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

Table 8
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		17GW6	
		11/13/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 1.0	1.0
1,1-Dichloroethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,1-Dichloropropene		< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**2,300**	200	**1,800**	100	**1,700**	25	**260**	5.0	**200**	20	**150**	20	**3.1**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 25	25	< 10	10	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 0.25	0.25
1,2-Dichlorobenzene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 4.7	4.7	< 4.7	4.7	<4.7	4.7	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	< 25	25	< 10	10	< 2.5	2.5	< 2.5	2.5	<2.5	2.5	< 0.60	0.60
1,2-Dichloropropane	0.94	< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**420**	20	**480**	50	**240**	5.0	**59**	5.0	**21**	5.0	**33**	5.0	**0.55**	1.0
1,3-Dichlorobenzene		< 5.0	5.0	< 13	13	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
1,4-Dichlorobenzene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)		< 50	50	< 130	130	< 50	50	< 13	13	< 13	13	<13	13	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 130	130	< 50	50	< 13	13	< 13	13	<13	13	< 2.5	2.5
Acetone	50	< 50	50	< 130	130	< 50	50	< 25	25	< 25	25	<25	25	< 5.0	5.0
Acrolein		< 50	50	< 130	130	< 5.0	5.0	< 13	13	< 13	13	<13	13	< 5.0	5.0
Acrylonitrile	5	< 50	50	< 130	130	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Benzene	1	< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Bromodichloromethane		< 20	20	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Bromoform		< 50	50	< 50	50	< 50	50	< 25	25	< 25	25	<25	25	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Carbon Disulfide	60	< 20	20	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Chlorobenzene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 13	13	< 7.0	7.0	< 7.0	7.0	< 7.0	7.0	<7.0	7.0	< 5.0	5.0
Chloromethane	60	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 0.40	0.40
Dibromochloromethane		< 20	20	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Ethylbenzene	5	**1,200**	200	**1,100**	50	**970**	13	**150**	5.0	**140**	5.0	**150**	5.0	**3.3**	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 10	10	< 4.0	4.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0	< 0.50	0.50
Isopropylbenzene	5	**72**	20	**76**	50	**89**	5.0	**9.9**	5.0	**15**	5.0	**6.9**	5.0	< 1.0	1.0
m&p-Xylenes		**2,800**	200	**3,500**	100	**1,600**	50	**260**	20	**68**	5.0	**140**	5.0	**1**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 130	130	< 50	50	< 13	13	< 13	13	<13	13	< 2.5	2.5
Methyl t-butyl ether (MTBE)	10	< 20	20	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Methylene chloride	5	< 20	20	< 50	50	< 10	10	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 3.0	3.0
Naphthalene	10	**410**	20	**460**	50	**470**	20	**56**	5.0	**63**	5.0	**39**	5.0	< 1.0	1.0
n-Butylbenzene	5	**23**	20	**15**	50	**16**	5.0	**3.2**	5.0	**2.5**	5.0	**1.9**	5.0	< 1.0	1.0
n-Propylbenzene	5	**180**	20	**200**	50	**160**	5.0	**24**	5.0	**30**	5.0	**17**	5.0	< 1.0	1.0
o-Xylene	5	**140**	20	**550**	50	**75**	5.0	**15**	5.0	< 5.0	5.0	17	5.0	**0.48**	1.0
p-Isopropyltoluene		**9.2**	20	< 13	13	**10**	5.0	**1.6**	5.0	**2**	5.0	<5.0	5.0	< 1.0	1.0
sec-Butylbenzene	5	**14**	20	< 13	13	**11**	5.0	**1.9**	5.0	**1.8**	5.0	**1.3**	5.0	< 1.0	1.0
Styrene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	< 1000	1,000	< 250	250	< 250	250	<250	250	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Tetrahydrofuran (THF)		< 50	50	< 130	130	< 50	50	< 25	25	< 25	25	<25	25	< 5.0	5.0
Toluene	5	**5.1**	20	**79**	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene	0.4	< 5.0	5.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	< 130	130	< 50	50	< 13	13	< 13	13	<13	13	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 13	13	< 4.0	4.0	< 2.0	2.0	< 2.0	2.0	<2.0	2.0	< 1.0	1.0
1,4 - dioxane		-	-	-	-	< 2000	2,000	< 500	500	< 500	500	<500	500	< 50	50
Total VOCs		7573.30		8260		5341		840.6		543.3		539.1		8.4	

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

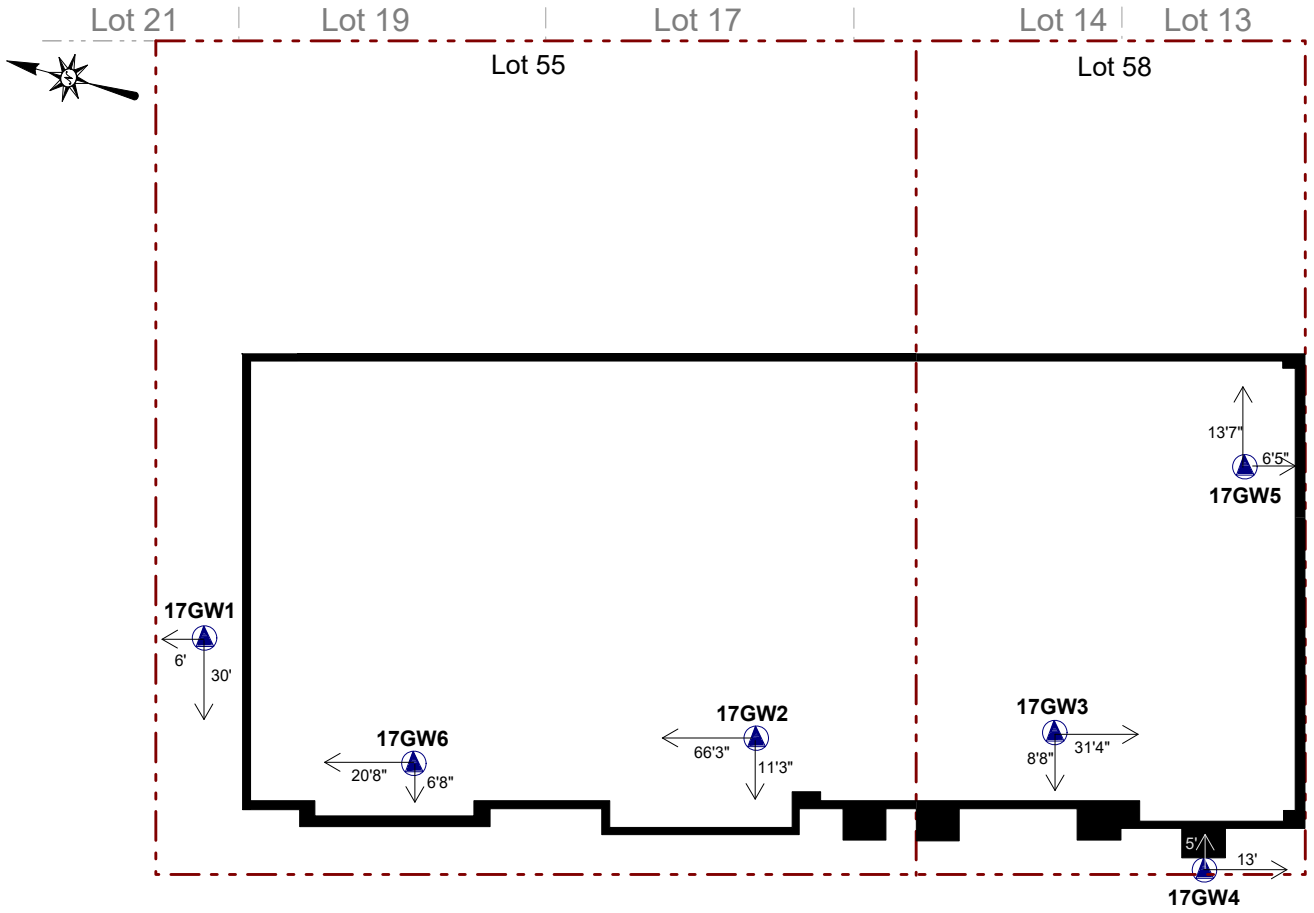
TABLE 9
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	Pre Carbon																													
			1/30/2018 (µg/m3)		2/28/2018 (µg/m3)		3/15/2018 (µg/m3)		6/14/2018 (µg/m3)		8/23/2018 (µg/m3)		12/17/2018 (µg/m3)		1/30/2019 (µg/m3)		4/3/2019 (µg/m3)		1/30/2018 (µg/m3)		2/28/2018 (µg/m3)		3/15/2018 (µg/m3)		6/14/2018 (µg/m3)		8/23/2018 (µg/m3)		12/17/2018 (µg/m3)		1/30/2019 (µg/m3)		4/3/2019 (µg/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	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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02
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	< 0.20	0.20	**0.25**	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00
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	< 1.00	1.00	**2.26**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	**14**	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	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	**47**	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	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**2.61**	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
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	**30.3**	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	< 5.01	5.01
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	**7.68**	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	< 5.00	5.00
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	< 1.00	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	< 4.99	4.99
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	**7.69**	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	**50.8**	5.01
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	< 1.00	1.00	< 15.0	15.0	**2.36**	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.02**	1.00	< 1.00	1.00	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	**1.59**	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
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	< 1.00	1.00	**17.6**	15.0	**5.38**	1.00	**3.49**	1.00	**1.07**	1.00	< 5.01	5.01
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	**0.45**	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	< 1.00	1.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	**1.31**	1.00	< 5.01	5.01
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	**15**	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	< 4.98	4.98
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	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
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	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20	**0.23**	0.20	< 1.00	1.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
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	**24**	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	**158**	4.99
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	**2.54**	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	< 4.99	4.99
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	**5.2**	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	**18.3**	5.01
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	< 1.00	1.00	**1.23**	1.00	< 15.0	15.0	< 1.00	1.00	**1.56**	1.00	**1.65**	1.00	< 5.01	5.01
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	**2.47**	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	< 4.99	4.99
Heptane		NA	**3.2**	1.00	< 1.00	1.00	< 1.00	1.00	**3,030**	150	**310**	15.0	**573**	9.98	**12.5**	1.00	**30.9**	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	**1,080**	15.0
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 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	< 5.00	5.00
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	**12.4**	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	**461**	5.00
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	**1.14**	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	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	**44.9**	1.00	**2.69**	1.00	< 1.00	1.00	< 5.01	5.01
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	**25.5**	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	< 4.99	4.99
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	< 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	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
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	< 3.00	3.00	**128**	6.01	< 45.1	45.1	< 3.00	3.00	**53.5**	3.00	< 3.00	3.00	< 15.0	15.0
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**4.17**	1.00	< 1.00	1.00	< 5.00	5.00
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	**10.5**	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	< 4.99	4.99
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	< 1.00	1.00	< 15.0	15.0	**2.34**	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.4**	1.00	< 1.00	1.00	< 5.00	5.00
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	< 1.00	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	< 4.98	4.98
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	**29.7**	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	< 1.25	1.25
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	< 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	< 5.01	5.01
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	**1.46**	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	< 5.01	5.01
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99
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	**0.22**	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	< 1.00	1.00
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	< 1.00	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	< 5.00	5.00
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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00
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	< 0.20	0.20	< 2.99	2.99	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00
BTEX			**52.07**		**0**		**17.18**		**4,845.5**		**1,159**		**477**		**3**		**40**		**21.15**		**8.87**		**18.3**		**0**		**4,112**		**252**		**2**		**0**	
Total VOCs			**227.59**		**37.65**		**152.15**		**12,266.2**		**4,326.23**		**1,899.16**		**126.19**		**268.15**		**101.12**		**68.51**		**278.8**		**12,832.4**		**6,542.22**		**511.55**		**83.45**		**1,768.10**	

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

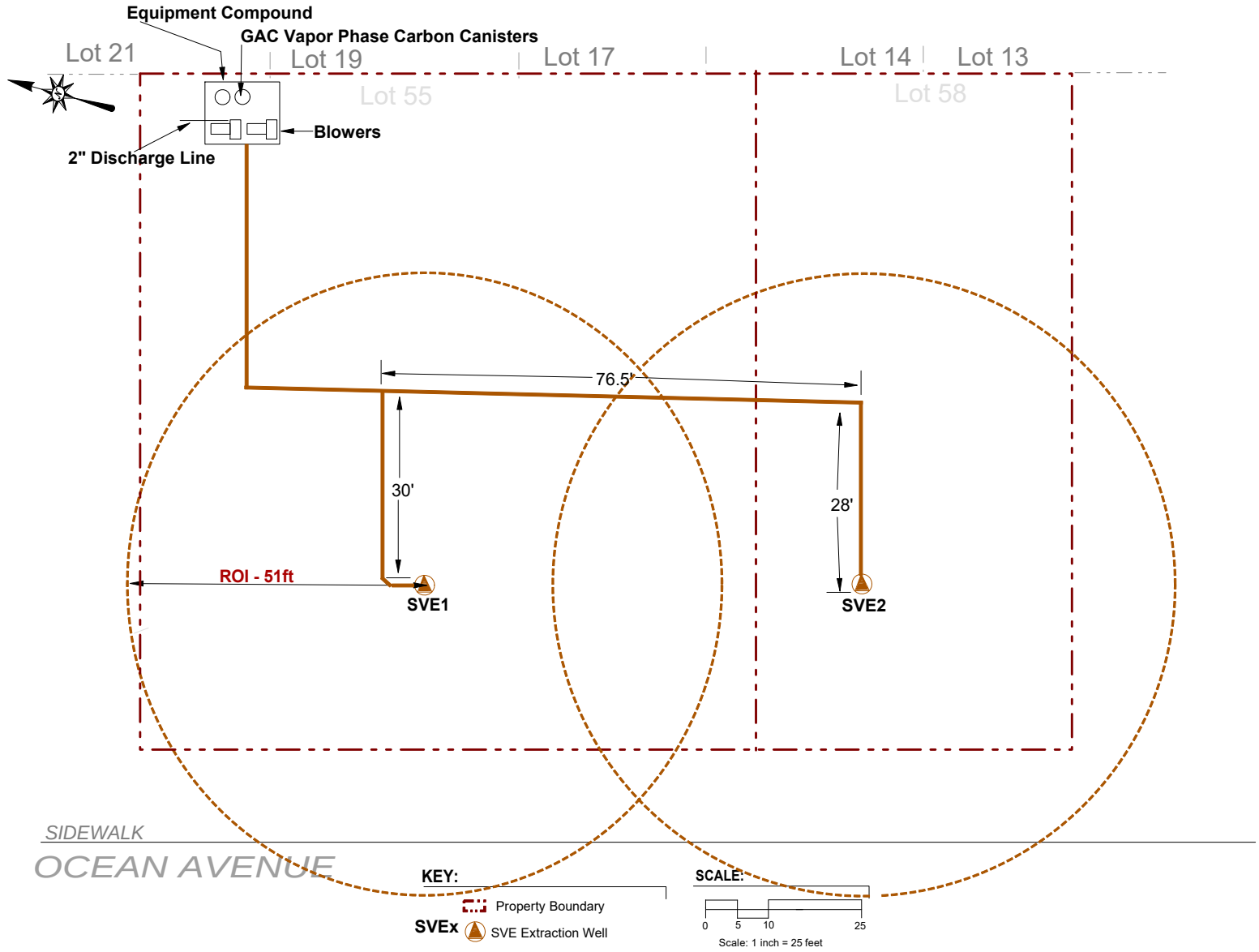
1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870



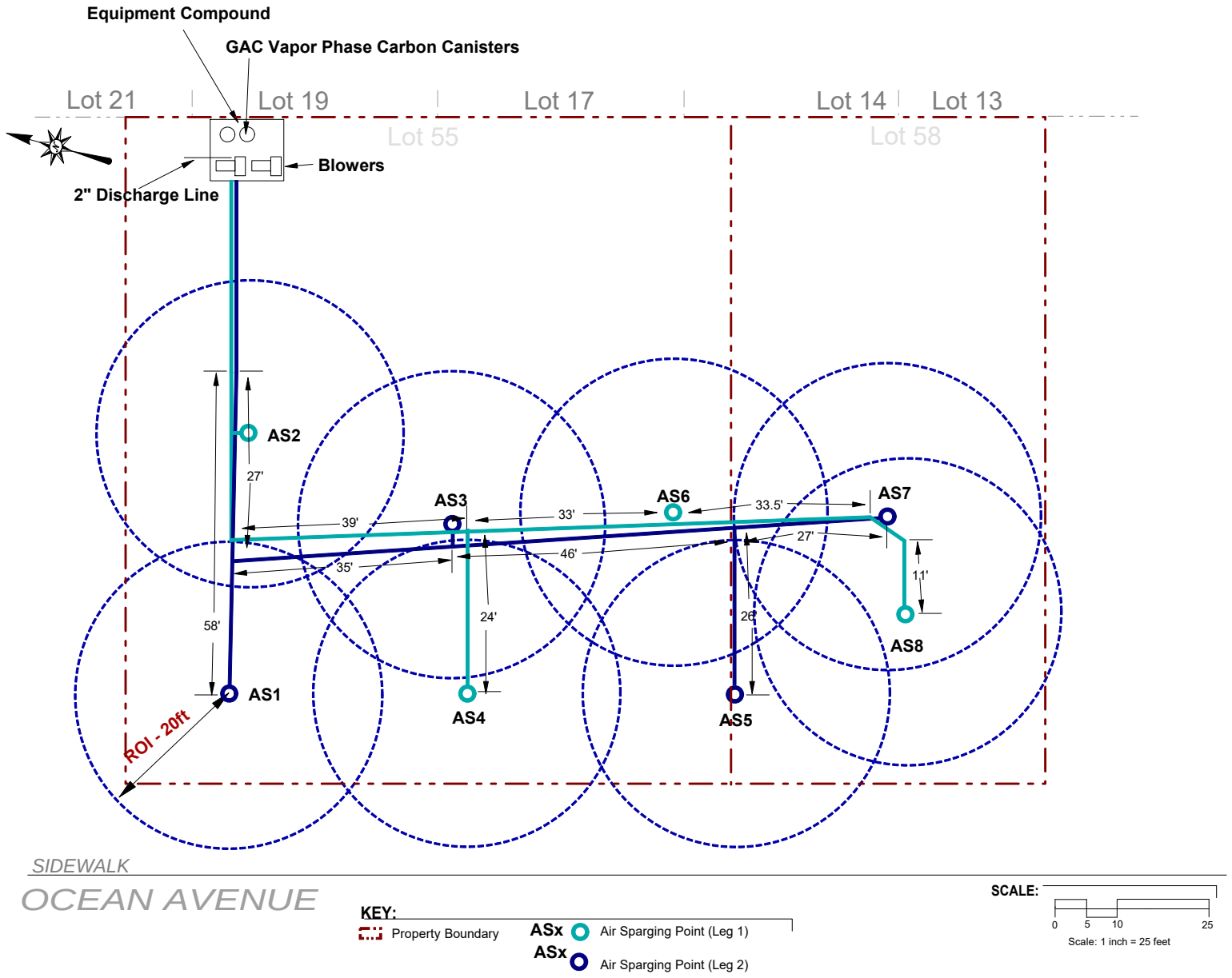
AMC Engineeting, PLLC
18-36 42nd Street
Astoria, NY 11105

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 Avenue, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW1

Date: 4/3/2019

Well Depth (from TOC): 30.00

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 20.92

Height of Water in Well: 9.08

Gallons of Water per Well Volume: .0908

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
1120	400 ml/min	0	6.78	.503	13.83	2.57	113	158	.309	Cleary
1123	400 ml/min	0.33	6.82	.455	17.54	2.26	65	120	.298	"
1128	400 ml/min	0.88	6.77	.385	18.53	2.71	-40	91.2	.249	"
1133	400 ml/min	1.43	6.73	.380	18.73	3.00	-56	69.1	.247	Clear
1138	400 ml/min	1.98	6.72	.380	18.81	3.05	-62	43.0	.247	"
1143	400 ml/min	2.53	6.74	.379	18.80	3.10	-64	34.2	.246	" Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Avenue, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 176WQ

Date: 4/3/2019

Well Depth (from TOC): 20.95

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 10.23

Height of Water in Well: 10.72

Gallons of Water per Well Volume: .1072

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
851	400 ml/min	0	6.20	.591	17.68	9.52	24	250	.379	Cleary
854	400 ml/min	0.33	5.95	.589	17.89	9.39	2	117	.377	"
859	400 ml/min	0.88	5.92	.590	18.01	8.90	-10	31.8	.378	Clear
904	400 ml/min	1.43	5.95	.592	18.05	8.27	-14	16.4	.379	"
909	400 ml/min	1.98	5.95	.592	18.07	7.77	-15	13.2	.379	"
914	400 ml/min	2.53	5.95	.591	18.07	7.64	-15	13.0	.379	" Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Avenue, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW3

Date: 4/3/2019

Well Depth (from TOC): 20.79

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 11.27

Height of Water in Well: 9.52

Gallons of Water per Well Volume: .0952

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
947	400 ml/min	0	6.02	.852	18.16	9.45	-26	67.2	.546	Cleary
950	400 ml/min	0.33	5.92	.851	18.01	9.35	-31	70.2	.545	"
955	400 ml/min	0.88	5.92	.847	17.97	8.75	-32	10.4	.542	Clear
1000	400 ml/min	1.43	5.94	.848	17.97	8.54	-33	7.4	.543	"
1005	400 ml/min	1.98	5.98	.847	17.95	8.08	-35	6.2	.542	"
1010	400 ml/min	2.53	5.99	.847	17.95	7.95	-35	6.9	.542	" Sampld

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Avenue, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW4

Date: 4/3/2019

Well Depth (from TOC): 30.00

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 21.22

Height of Water in Well: 8.78

Gallons of Water per Well Volume: .0878

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
1202	400 ml/min	0	6.84	.767	14.07	5.19	-18	167	.495	Cleary
1205	400 ml/min	0.33	6.90	.787	15.04	3.39	-22	109	.504	"
1210	400 ml/min	0.88	6.85	.798	15.44	2.60	-19	35.4	.511	Clear
1215	400 ml/min	1.43	6.83	.795	15.58	1.82	-23	15.1	.508	"
1220	400 ml/min	1.98	6.83	.777	15.74	1.56	-27	10.2	.441	"
1225	400 ml/min	2.53	6.83	.768	15.81	1.49	-28	10.2	.441	" Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Avenue, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GWS

Date: 4/3/2019

Well Depth (from TOC): 18.62

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 11.22

Height of Water in Well: 7.40

Gallons of Water per Well Volume: .0740

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
1024	400 ml/min	0	6.44	.417	18.04	9.28	-89	44.0	.268	Clear
1027	400 ml/min	0.33	6.42	.403	17.94	9.12	-91	22.1	.259	"
1032	400 ml/min	0.88	6.47	.388	17.70	8.42	-103	11.5	.252	"
1037	400 ml/min	1.43	6.54	.387	17.78	8.01	-109	9.6	.252	"
1042	400 ml/min	1.98	6.58	.386	17.75	7.48	-114	9.2	.251	"
1047	400 ml/min	2.53	6.59	.386	17.75	7.35	-114	8.8	.251	" Sampled

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

1815 Ocean Avenue, Brooklyn, NY

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: 17GW6

Date: 4/3/2019

Well Depth (from TOC): 20.20

Equipment: Peristaltic Pump, U-52 Horiba

Static Water Level (from TOC): 11.23

Height of Water in Well: 8.97

Gallons of Water per Well Volume: .0897

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
8:01	400 ml/min	0	7.20	.460	17.23	9.06	102	278	.295	Cleary
8:04	400 ml/min	0.33	6.37	.436	17.45	8.01	67	79.8	.283	"
8:09	400 ml/min	0.88	5.76	.434	17.57	7.16	69	21.0	.282	Clear
8:14	400 ml/min	1.43	5.73	.436	17.59	6.86	72	12.0	.283	"
8:19	400 ml/min	1.98	5.80	.437	17.62	6.86	74	17.7	.284	"
8:24	400 ml/min	2.53	5.80	.438	17.61	6.94	74	7.4	.285	" Sample

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.

Monday, April 15, 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: **GCC80689**
Sample ID#s: CC80689 - CC80696

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

April 15, 2019

SDG I.D.: GCC80689

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

NY # 11301

Sample Id Cross Reference

April 15, 2019

SDG I.D.: GCC80689

Project ID: 1815 OCEAN AVE BROOKLYN NY

Client Id	Lab Id	Matrix
17GW1	CC80689	GROUND WATER
17GW2	CC80690	GROUND WATER
17GW3	CC80691	GROUND WATER
17GW4	CC80692	GROUND WATER
17GW5	CC80693	GROUND WATER
17GW6	CC80694	GROUND WATER
GW DUPLICATES	CC80695	GROUND WATER
TRIP BLANKS	CC80696	GROUND WATER

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

April 15, 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	04/03/19	11:15
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80689

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	04/03/19	HM	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trimethylbenzene	260		20	5.0	ug/L	20	04/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3,5-Trimethylbenzene	16		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
2-Isopropyltoluene	0.92	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	

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

Phoenix I.D.: CC80689

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	4.5	JS	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon Disulfide	0.41	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Ethylbenzene	140		20	5.0	ug/L	20	04/04/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/03/19	HM	SW8260C	
Isopropylbenzene	14		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
m&p-Xylene	26		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
Naphthalene	51		20	20	ug/L	20	04/04/19	HM	SW8260C	
n-Butylbenzene	3.5		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
n-Propylbenzene	34		20	5.0	ug/L	20	04/04/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
p-Isopropyltoluene	1.9		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
sec-Butylbenzene	2.4		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
tert-Butylbenzene	0.31	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	04/03/19	HM	70 - 130 %	
% Bromofluorobenzene	102				%	1	04/03/19	HM	70 - 130 %	
% Dibromofluoromethane	107				%	1	04/03/19	HM	70 - 130 %	

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

Phoenix I.D.: CC80689

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	97			%	1	04/03/19	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (20x)	101			%	20	04/04/19	HM	70 - 130 %
% Bromofluorobenzene (20x)	91			%	20	04/04/19	HM	70 - 130 %
% Dibromofluoromethane (20x)	117			%	20	04/04/19	HM	70 - 130 %
% Toluene-d8 (20x)	86			%	20	04/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/03/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	04/03/19	HM	70 - 130 %
% Bromofluorobenzene	102			%	1	04/03/19	HM	70 - 130 %
% Toluene-d8	97			%	1	04/03/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/03/19	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.

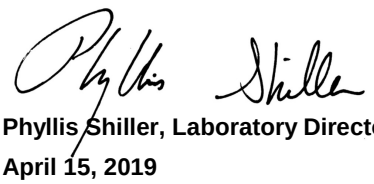
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab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

Comments:

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

S - Laboratory solvent, contamination is possible.

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



Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	9:00
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80690

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

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

Phoenix I.D.: CC80690

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/04/19	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	04/04/19	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	04/04/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	04/04/19	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	04/04/19	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/04/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	04/04/19	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	1	04/04/19	HM	70 - 130 %	
% Bromofluorobenzene	93			%	1	04/04/19	HM	70 - 130 %	
% Dibromofluoromethane	107			%	1	04/04/19	HM	70 - 130 %	

Ver 1

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

Phoenix I.D.: CC80690

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	04/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/04/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	1	04/04/19	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	04/04/19	HM	70 - 130 %
% Toluene-d8	90			%	1	04/04/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/04/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/04/19	HM	SW8260C

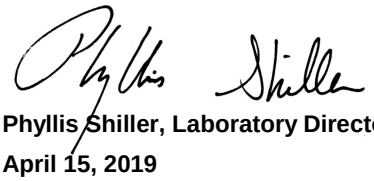
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low 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:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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



Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	9:45
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80691

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	04/03/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	35	2.0	0.50	ug/L	2	04/05/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/03/19	JLI	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/03/19	JLI	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	2.8	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/03/19	JLI	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/03/19	JLI	SW8260C	

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

Phoenix I.D.: CC80691

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/03/19	JLI	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/03/19	JLI	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/03/19	JLI	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Ethylbenzene	18		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/03/19	JLI	SW8260C	
Isopropylbenzene	2.1		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
m&p-Xylene	6.9		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/03/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/03/19	JLI	SW8260C	
Naphthalene	5.4		1.0	1.0	ug/L	1	04/03/19	JLI	SW8260C	
n-Butylbenzene	0.68	J	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
n-Propylbenzene	4.3		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
o-Xylene	0.46	J	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
p-Isopropyltoluene	0.35	J	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
sec-Butylbenzene	0.49	J	1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/03/19	JLI	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/03/19	JLI	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/03/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	04/03/19	JLI	70 - 130 %	
% Bromofluorobenzene	100				%	1	04/03/19	JLI	70 - 130 %	
% Dibromofluoromethane	105				%	1	04/03/19	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	89			%	1	04/03/19	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (2x)	99			%	2	04/05/19	JLI	70 - 130 %
% Bromofluorobenzene (2x)	91			%	2	04/05/19	JLI	70 - 130 %
% Dibromofluoromethane (2x)	104			%	2	04/05/19	JLI	70 - 130 %
% Toluene-d8 (2x)	84			%	2	04/05/19	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/03/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	1	04/03/19	HM	70 - 130 %
% Bromofluorobenzene	100			%	1	04/03/19	HM	70 - 130 %
% Toluene-d8	89			%	1	04/03/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/03/19	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:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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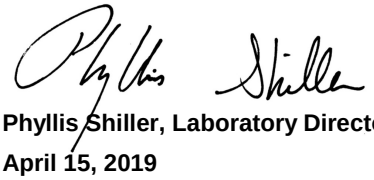


Phyllis Shiller, Laboratory Director

April 15, 2019

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	12:15
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80692

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	04/04/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2,4-Trimethylbenzene	4.6	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/04/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/04/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/04/19	HM	SW8260C	
2-Isopropyltoluene	1.0	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/04/19	HM	SW8260C	

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

Phoenix I.D.: CC80692

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/04/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Ethylbenzene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/04/19	HM	SW8260C	
Isopropylbenzene	1.6		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
m&p-Xylene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/04/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/04/19	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/04/19	HM	SW8260C	
n-Butylbenzene	1.0		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
n-Propylbenzene	3.2		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
o-Xylene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
sec-Butylbenzene	1.1		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
tert-Butylbenzene	0.30	J	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Tetrachloroethene	2.4		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/04/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/04/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/04/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/04/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	04/04/19	HM	70 - 130 %	
% Bromofluorobenzene	96				%	1	04/04/19	HM	70 - 130 %	
% Dibromofluoromethane	109				%	1	04/04/19	HM	70 - 130 %	

Ver 1

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

Phoenix I.D.: CC80692

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	89			%	1	04/04/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/04/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	04/04/19	HM	70 - 130 %
% Bromofluorobenzene	96			%	1	04/04/19	HM	70 - 130 %
% Toluene-d8	89			%	1	04/04/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/04/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/04/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/04/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/04/19	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:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	10:30
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80693

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	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	190	20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	04/03/19	JLI	SW8260C	
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,2-Dichloroethane	ND	10	10	ug/L	20	04/03/19	JLI	SW8260C	
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	17	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
2-Hexanone	ND	50	50	ug/L	20	04/03/19	JLI	SW8260C	
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	1
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	50	50	ug/L	20	04/03/19	JLI	SW8260C	

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

Phoenix I.D.: CC80693

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		50	50	ug/L	20	04/03/19	JLI	SW8260C	
Acrolein	ND		50	50	ug/L	20	04/03/19	JLI	SW8260C	
Acrylonitrile	ND		10	10	ug/L	20	04/03/19	JLI	SW8260C	
Benzene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Bromobenzene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Bromochloromethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Bromodichloromethane	ND		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Bromoform	ND		50	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Bromomethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Carbon Disulfide	ND		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Carbon tetrachloride	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Chlorobenzene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Chloroethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Chloroform	ND		7.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Chloromethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Dibromochloromethane	ND		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Dibromomethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Ethylbenzene	35		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Hexachlorobutadiene	ND		4.0	4.0	ug/L	20	04/03/19	JLI	SW8260C	
Isopropylbenzene	48		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
m&p-Xylene	14	J	20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Methyl ethyl ketone	ND		50	50	ug/L	20	04/03/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Methylene chloride	ND		10	10	ug/L	20	04/03/19	JLI	SW8260C	
Naphthalene	64		20	20	ug/L	20	04/03/19	JLI	SW8260C	
n-Butylbenzene	19		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
n-Propylbenzene	140		20	5.0	ug/L	20	04/03/19	JLI	SW8260C	
o-Xylene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
p-Isopropyltoluene	6.9		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
sec-Butylbenzene	9.5		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Styrene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
tert-Butylbenzene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Tetrachloroethene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		50	50	ug/L	20	04/03/19	JLI	SW8260C	1
Toluene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		50	50	ug/L	20	04/03/19	JLI	SW8260C	
Trichloroethene	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Trichlorofluoromethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
Vinyl chloride	ND		5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4 (20x)	97				%	20	04/03/19	JLI	70 - 130 %	
% Bromofluorobenzene (20x)	98				%	20	04/03/19	JLI	70 - 130 %	
% Dibromofluoromethane (20x)	108				%	20	04/03/19	JLI	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	90			%	20	04/03/19	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	2000	1000	ug/l	20	04/03/19	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (20x)	97			%	20	04/03/19	JLI	70 - 130 %
% Bromofluorobenzene (20x)	98			%	20	04/03/19	JLI	70 - 130 %
% Toluene-d8 (20x)	90			%	20	04/03/19	JLI	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C
Acrolein	ND	50	50	ug/L	20	04/03/19	JLI	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	20	04/03/19	JLI	SW8260C
Tert-butyl alcohol	ND	1000	200	ug/L	20	04/03/19	JLI	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:
Due to the presence of a large amount of non-target petroleum material, this sample required a dilution. Where the LOD justifies lowering the RL/PQL, the RL/PQL of some compounds are evaluated below the lowest calibration standard in order to meet criteria.

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

Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	8:00
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80694

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		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trimethylbenzene	3.1		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3,5-Trimethylbenzene	0.55	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	

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

Phoenix I.D.: CC80694

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Ethylbenzene	3.3		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/03/19	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
m&p-Xylene	1.0		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
o-Xylene	0.48	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	04/03/19	HM	70 - 130 %	
% Bromofluorobenzene	93				%	1	04/03/19	HM	70 - 130 %	
% Dibromofluoromethane	108				%	1	04/03/19	HM	70 - 130 %	

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

Phoenix I.D.: CC80694

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	89			%	1	04/03/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/03/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	04/03/19	HM	70 - 130 %
% Bromofluorobenzene	93			%	1	04/03/19	HM	70 - 130 %
% Toluene-d8	89			%	1	04/03/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/03/19	HM	SW8260C
Client MS/MSD	Completed					04/03/19		

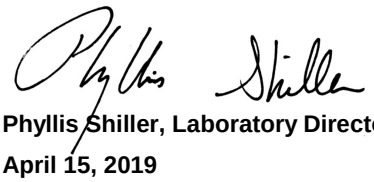
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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



Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80695

Project ID: 1815 OCEAN AVE BROOKLYN NY
Client ID: GW DUPLICATES

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	04/03/19	HM	SW8260C	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trimethylbenzene	3.1		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3,5-Trimethylbenzene	0.53	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Hexanone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN NY
Client ID: GW DUPLICATES

Phoenix I.D.: CC80695

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrolein	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrylonitrile	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Benzene	ND		0.70	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromobenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromoform	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromomethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chlorobenzene	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroform	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloromethane	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromomethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Ethylbenzene	2.9		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	04/03/19	HM	SW8260C	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
m&p-Xylene	0.92	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methylene chloride	ND		3.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
Naphthalene	ND		1.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
n-Propylbenzene	0.26	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
o-Xylene	0.43	J	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Styrene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	1
Toluene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Trichloroethene	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Vinyl chloride	ND		1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	04/03/19	HM	70 - 130 %	
% Bromofluorobenzene	91				%	1	04/03/19	HM	70 - 130 %	
% Dibromofluoromethane	119				%	1	04/03/19	HM	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	90			%	1	04/03/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/03/19	HM	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	04/03/19	HM	70 - 130 %
% Bromofluorobenzene	91			%	1	04/03/19	HM	70 - 130 %
% Toluene-d8	90			%	1	04/03/19	HM	70 - 130 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/03/19	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:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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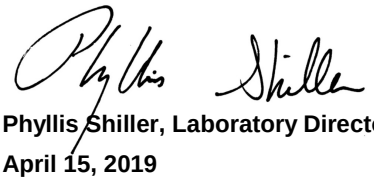


Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 15, 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	04/03/19	
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCC80689
Phoenix ID: CC80696

Project ID: 1815 OCEAN AVE BROOKLYN NY
Client ID: TRIP BLANKS

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	04/03/19	HM	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	04/03/19	HM	SW8260C	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
2-Hexanone	ND	2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	

Project ID: 1815 OCEAN AVE BROOKLYN NY
Client ID: TRIP BLANKS

Phoenix I.D.: CC80696

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrolein	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Acrylonitrile	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	
Benzene	ND	0.70	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromobenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromochloromethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromoform	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Bromomethane	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chlorobenzene	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroethane	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloroform	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Chloromethane	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dibromomethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Ethylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	04/03/19	HM	SW8260C	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
m&p-Xylene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Methylene chloride	ND	3.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
Naphthalene	ND	1.0	1.0	ug/L	1	04/03/19	HM	SW8260C	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
o-Xylene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Styrene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C	1
Toluene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	04/03/19	HM	SW8260C	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	04/03/19	HM	SW8260C	
Trichloroethene	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
Vinyl chloride	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	04/03/19	HM	70 - 130 %	
% Bromofluorobenzene	94			%	1	04/03/19	HM	70 - 130 %	
% Dibromofluoromethane	110			%	1	04/03/19	HM	70 - 130 %	

Ver 1

Project ID: 1815 OCEAN AVE BROOKLYN NY
Client ID: TRIP BLANKS

Phoenix I.D.: CC80696

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	87			%	1	04/03/19	HM	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	50	ug/l	1	04/03/19	HM	SW8260C
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	04/03/19	HM	SW8260C
Acrylonitrile	ND	5.0	0.25	ug/L	1	04/03/19	HM	SW8260C
Tert-butyl alcohol	ND	50	10	ug/L	1	04/03/19	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.

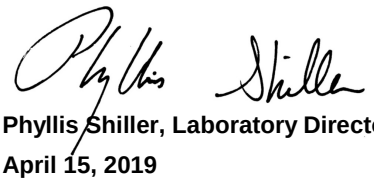
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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

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



Phyllis Shiller, Laboratory Director
April 15, 2019
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Monday, April 15, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCC80689 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC80689	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	51	20	10	10	ug/L
CC80689	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	51	20	5	5	ug/L
CC80689	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	140	20	5	5	ug/L
CC80689	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80689	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	34	20	5	5	ug/L
CC80689	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	51	20	10	10	ug/L
CC80689	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CC80689	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	16	1.0	5	5	ug/L
CC80689	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80689	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC80689	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	260	20	5	5	ug/L
CC80689	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	140	20	5	5	ug/L
CC80690	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80690	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC80690	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80691	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	18	1.0	5	5	ug/L
CC80691	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	5.4	1.0	5	5	ug/L
CC80691	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80691	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80691	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5	ug/L
CC80691	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC80691	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	35	2.0	5	5	ug/L
CC80692	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80692	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC80692	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80693	$8260DP25R	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	64	20	10	10	ug/L
CC80693	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CC80693	$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	35	20	5	5	ug/L
CC80693	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	0.7	0.7	ug/L
CC80693	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	2	2	ug/L
CC80693	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CC80693	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CC80693	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	64	20	5	5	ug/L
CC80693	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CC80693	$8260DP25R	1,3,5-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	17	5.0	5	5	ug/L
CC80693	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CC80693	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CC80693	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	190	20	5	5	ug/L
CC80693	$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	140	20	5	5	ug/L

Monday, April 15, 2019

Criteria: NY: 375GWP, GW

State: NY

Sample Criteria Exceedances Report

GCC80689 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CC80693	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	ND	5.0	2	2	ug/L
CC80693	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CC80693	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CC80693	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CC80693	$8260DP25R	p-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	6.9	5.0	5	5	ug/L
CC80693	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CC80693	$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	19	5.0	5	5	ug/L
CC80693	$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	64	20	10	10	ug/L
CC80693	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CC80693	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CC80693	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CC80693	$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	35	20	5	5	ug/L
CC80693	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CC80693	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CC80693	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CC80693	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CC80693	$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	9.5	5.0	5	5	ug/L
CC80693	$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	48	20	5	5	ug/L
CC80693	$NJADD-WM	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CC80694	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC80694	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80694	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80695	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80695	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CC80695	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80696	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CC80696	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CC80696	$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

April 15, 2019

SDG I.D.: GCC80689

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [X] No [ ]
Temp. 2.4 C Pg 1 of 1

NY/NJ CHAIN OF CUSTODY RECORD

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:

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 Rukt. Date: 4-3-19

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

Analysis Request: VOCs 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	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
806089	17GW1	GW	4-3-19	11:15	X						3						
806090	17GW2			9:00	X						3						
806091	17GW3			9:45	X						3						
806092	17GW4			12:15	X						3						
806093	17GW5			10:30	X						3						
806094	17GW6			8:00	X						9						
806095	GW duplicates				X						3						
806096	trip blanks				X						2						

Relinquished by:	Accepted by:	Date:	Time:
David Rukt.		4-3-19	12:45
	T. Tracy	4-3-19	15:30

Comments, Special Requirements or Regulations:

Run 17GW6 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
[X] 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
[ ] NJ Hazsite EDD
[X] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[X] 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, April 08, 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: **GCC80700**
Sample ID#s: CC80700 - CC80701

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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

NY # 11301

SDG Comments

April 08, 2019

SDG I.D.: GCC80700

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

Sample Id Cross Reference

April 08, 2019

SDG I.D.: GCC80700

Project ID: 1815 OCEAN AVE BROOKLYN NY

Client Id	Lab Id	Matrix
POST CARBON	CC80700	AIR
PRE CARBON	CC80701	AIR

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

April 08, 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	04/03/19	8:22
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	23330				

Laboratory Data

SDG ID: GCC80700
Phoenix ID: CC80700

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	*0.729*	0.729	ND	*5.00*	5.00	04/04/19	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	04/04/19	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	04/04/19	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	04/04/19	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	04/04/19	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/04/19	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	04/04/19	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	04/04/19	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	04/04/19	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	04/04/19	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	04/04/19	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	04/04/19	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	04/04/19	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	04/04/19	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	04/04/19	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	04/04/19	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	04/04/19	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	04/04/19	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	04/04/19	KCA	5	1
4-Ethyltoluene	ND	*1.02*	1.02	ND	*5.01*	5.01	04/04/19	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	04/04/19	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	04/04/19	KCA	5	
Acetone	21.4	*2.11*	2.11	50.8	*5.01*	5.01	04/04/19	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	04/04/19	KCA	5	
Benzene	ND	*1.57*	1.57	ND	*5.01*	5.01	04/04/19	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	04/04/19	KCA	5	

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

Phoenix I.D.: CC80700

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	04/04/19	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	04/04/19	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	04/04/19	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	04/04/19	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	04/04/19	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	04/04/19	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	04/04/19	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	04/04/19	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	04/04/19	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/04/19	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	04/04/19	KCA	5	
Cyclohexane	45.9	*1.45*	1.45	158	*4.99*	4.99	04/04/19	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	04/04/19	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	04/04/19	KCA	5	
Ethanol	9.74	*2.66*	2.66	18.3	*5.01*	5.01	04/04/19	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	04/04/19	KCA	5	1
Ethylbenzene	ND	*1.15*	1.15	ND	*4.99*	4.99	04/04/19	KCA	5	
Heptane	263	*3.66*	3.66	1080	*15.0*	15.0	04/05/19	KCA	15	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	04/04/19	KCA	5	
Hexane	131	*1.42*	1.42	461	*5.00*	5.00	04/04/19	KCA	5	
Isopropylalcohol	ND	*2.04*	2.04	ND	*5.01*	5.01	04/04/19	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	04/04/19	KCA	5	
m,p-Xylene	ND	*1.15*	1.15	ND	*4.99*	4.99	04/04/19	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	1.70	ND	*5.01*	5.01	04/04/19	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	1.39	ND	*5.01*	5.01	04/04/19	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	04/04/19	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	04/04/19	KCA	5	1
o-Xylene	ND	*1.15*	1.15	ND	*4.99*	4.99	04/04/19	KCA	5	
Propylene	ND	*2.91*	2.91	ND	*5.01*	5.01	04/04/19	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	04/04/19	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	04/04/19	KCA	5	
Tetrachloroethene	ND	*0.184*	0.184	ND	*1.25*	1.25	04/04/19	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	04/04/19	KCA	5	1
Toluene	ND	*1.33*	1.33	ND	*5.01*	5.01	04/04/19	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	04/04/19	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	04/04/19	KCA	5	
Trichloroethene	ND	*0.186*	0.186	ND	*1.00*	1.00	04/04/19	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	04/04/19	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	04/04/19	KCA	5	
Vinyl Chloride	ND	*0.391*	0.391	ND	*1.00*	1.00	04/04/19	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene (5x)	123	*%*	%	123	*%*	%	04/04/19	KCA	5	
% IS-1,4-Difluorobenzene (5x)	78	*%*	%	78	*%*	%	04/04/19	KCA	5	
% IS-Bromochloromethane (5x)	80	*%*	%	80	*%*	%	04/04/19	KCA	5	
% IS-Chlorobenzene-d5 (5x)	104	*%*	%	104	*%*	%	04/04/19	KCA	5	
% Bromofluorobenzene (15x)	111	*%*	%	111	*%*	%	04/05/19	KCA	15	
% IS-1,4-Difluorobenzene (15x)	109	*%*	%	109	*%*	%	04/05/19	KCA	15	
% IS-Bromochloromethane (15x)	131	*%*	%	131	*%*	%	04/05/19	KCA	15	
% IS-Chlorobenzene-d5 (15x)	130	*%*	%	130	*%*	%	04/05/19	KCA	15	

Ver 1

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

Phoenix I.D.: CC80700

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:

An elevated reporting level was reported for TO15 due to a matrix interference of non target compounds.

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

Phyllis Shiller, Laboratory Director

April 08, 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

April 08, 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	04/03/19	8:23
Location Code:	EBC	Received by:	B	04/03/19	15:30
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	367				

Laboratory Data

SDG ID: GCC80700
Phoenix ID: CC80701

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	04/05/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/05/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	04/05/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	04/05/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/05/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/05/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	04/05/19	KCA	1	
1,2,4-Trimethylbenzene	2.84	*0.204*	0.204	14.0	*1.00*	1.00	04/05/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	04/05/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/05/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	04/05/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	04/05/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	04/05/19	KCA	1	
1,3,5-Trimethylbenzene	9.56	*0.204*	0.204	47.0	*1.00*	1.00	04/05/19	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	04/05/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/05/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	04/05/19	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	04/05/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/05/19	KCA	1	1
4-Ethyltoluene	6.17	*0.204*	0.204	30.3	*1.00*	1.00	04/05/19	KCA	1	1
4-Isopropyltoluene	1.40	*0.182*	0.182	7.68	*1.00*	1.00	04/05/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	04/05/19	KCA	1	
Acetone	3.24	*0.421*	0.421	7.69	*1.00*	1.00	04/05/19	KCA	1	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	04/05/19	KCA	1	
Benzene	ND	*0.313*	0.313	ND	*1.00*	1.00	04/05/19	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	04/05/19	KCA	1	

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

Phoenix I.D.: CC80701

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	04/05/19	KCA	1	
Bromoform	ND	*0.097*	0.097	ND	*1.00*	1.00	04/05/19	KCA	1	
Bromomethane	ND	*0.258*	0.258	ND	*1.00*	1.00	04/05/19	KCA	1	
Carbon Disulfide	ND	*0.321*	0.321	ND	*1.00*	1.00	04/05/19	KCA	1	
Carbon Tetrachloride	0.072	*0.032*	0.032	0.45	*0.20*	0.20	04/05/19	KCA	1	
Chlorobenzene	ND	*0.217*	0.217	ND	*1.00*	1.00	04/05/19	KCA	1	
Chloroethane	ND	*0.379*	0.379	ND	*1.00*	1.00	04/05/19	KCA	1	
Chloroform	3.08	*0.205*	0.205	15.0	*1.00*	1.00	04/05/19	KCA	1	
Chloromethane	ND	*0.485*	0.485	ND	*1.00*	1.00	04/05/19	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	0.051	ND	*0.20*	0.20	04/05/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/05/19	KCA	1	
Cyclohexane	6.99	*0.291*	0.291	24.0	*1.00*	1.00	04/05/19	KCA	1	
Dibromochloromethane	ND	*0.118*	0.118	ND	*1.00*	1.00	04/05/19	KCA	1	
Dichlorodifluoromethane	0.513	*0.202*	0.202	2.54	*1.00*	1.00	04/05/19	KCA	1	
Ethanol	2.76	*0.531*	0.531	5.20	*1.00*	1.00	04/05/19	KCA	1	1
Ethyl acetate	ND	*0.278*	0.278	ND	*1.00*	1.00	04/05/19	KCA	1	1
Ethylbenzene	0.569	*0.230*	0.230	2.47	*1.00*	1.00	04/05/19	KCA	1	
Heptane	7.54	*0.244*	0.244	30.9	*1.00*	1.00	04/05/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	0.094	ND	*1.00*	1.00	04/05/19	KCA	1	
Hexane	3.53	*0.284*	0.284	12.4	*1.00*	1.00	04/05/19	KCA	1	
Isopropylalcohol	0.464	*0.407*	0.407	1.14	*1.00*	1.00	04/05/19	KCA	1	
Isopropylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	04/05/19	KCA	1	
m,p-Xylene	5.87	*0.230*	0.230	25.5	*1.00*	1.00	04/05/19	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	0.339	ND	*1.00*	1.00	04/05/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	0.278	ND	*1.00*	1.00	04/05/19	KCA	1	
Methylene Chloride	ND	*0.864*	0.864	ND	*3.00*	3.00	04/05/19	KCA	1	
n-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/05/19	KCA	1	1
o-Xylene	2.42	*0.230*	0.230	10.5	*1.00*	1.00	04/05/19	KCA	1	
Propylene	ND	*0.581*	0.581	ND	*1.00*	1.00	04/05/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	0.182	ND	*1.00*	1.00	04/05/19	KCA	1	1
Styrene	ND	*0.235*	0.235	ND	*1.00*	1.00	04/05/19	KCA	1	
Tetrachloroethene	4.38	*0.037*	0.037	29.7	*0.25*	0.25	04/05/19	KCA	1	
Tetrahydrofuran	ND	*0.339*	0.339	ND	*1.00*	1.00	04/05/19	KCA	1	1
Toluene	0.388	*0.266*	0.266	1.46	*1.00*	1.00	04/05/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	04/05/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	0.221	ND	*1.00*	1.00	04/05/19	KCA	1	
Trichloroethene	0.041	*0.037*	0.037	0.22	*0.20*	0.20	04/05/19	KCA	1	
Trichlorofluoromethane	ND	*0.178*	0.178	ND	*1.00*	1.00	04/05/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	0.131	ND	*1.00*	1.00	04/05/19	KCA	1	
Vinyl Chloride	ND	*0.078*	0.078	ND	*0.20*	0.20	04/05/19	KCA	1	
QA/QC Surrogates/Internals										
% Bromofluorobenzene	132	*%*	%	132	*%*	%	04/05/19	KCA	1	3
% IS-1,4-Difluorobenzene	114	*%*	%	114	*%*	%	04/05/19	KCA	1	
% IS-Bromochloromethane	124	*%*	%	124	*%*	%	04/05/19	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	%	111	*%*	%	04/05/19	KCA	1	

Ver 1

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

Phoenix I.D.: CC80701

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.
3 = This parameter exceeds laboratory specified limits.

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:

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Phyllis Shiller, Laboratory Director
April 08, 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

April 08, 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.: GCC80700

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	CC80700	23330	6.0L	4992	03/25/19	-30	-6	173	176	1.7	-26	-5	04/03/19 7:55	04/03/19 8:22
PRE CARBON	CC80701	367	6.0L	5385	03/25/19	-30	-2	173	172	0.6	-28	-4	04/03/19 7:58	04/03/19 8:23

Monday, April 08, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC80700 - 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: Chawinic
Customer: EBC
Address:

Invoice to: EBC

Sampled by: David Rukh

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	
80700	Post Carbon	23330	6.0	-30	-6	4992	173	7:55	8:29	4-3-19	-26	-5		X			X
	Did Not Use	11290	↓	↓		5388	↓										
80701	Pre Carbon	367	↓	↓	-2	5385	↓	7:58	8:23	4-3-19	-28	-4		X			X

Relinquished by:	Accepted by:	Date:	Time:
David Rukh		4-3-19	12:45
	TRANSCOM	4-3-19	15:30

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

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION: (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: David Rukh Date: 4/3/19

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: 4-3-19

Time: 13:00

Weather: Clear / 49°F

Inspector: DR

Extraction Point	Vacuum (iwc)	PID Reading(ppm)
SVE-1	-24.0	0.9
SVE-2	-23.9	1.7
Blower inlet	-18.0	15.2
Carbon inlet	---	12.8
Between carbon	---	36.0

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

Comments:

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

AIR SPARGING SYSTEM INSPECTION FORM

Injection Point	Pressure
AS-1	5.4
AS-2	5.3
AS-3	No reading
AS-4	5.5
AS-5	No reading
AS-6	5.5
AS-7	No reading
AS-8	5.3

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

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)
4-3-19 / 13:05	Pre-Carbon	15.2	Ppm
4-3-19 / 13:08	Between Carbon	36.0	Ppm
4-3-19 / 13:10	Post -Carbon	12.8	Ppm

Comments:

Tomat Service Station
1815-1825 Ocean Avenue, Brooklyn NY

EQUIPMENT SHED

Inspection:	Yes / No	Comments
Vent Operating?	Yes	