QUARTERLY MONITORING REPORT

Site: Tomat Service Station 1815-1825 Ocean Avenue Brooklyn, NY Block 7656, Lots 58 BCP# C224217 **Client:** Ocean Units, LLC	**NYSDEC Contact:** Richard Mustico, Region 2 **Consultant:** EnviroTrac Ltd. **Project Contact:** Amy Calapa

Report Date: February 29, 2023

Reporting Period: 4th Quarter of 2023

Status Summary:

- EnviroTrac Ltd. acquired the tasks associated with the implementation of the Site Management Plan (SMP) for the Site in July of 2022.
- The building is currently occupied.

Work Performed this Quarter:

- December 20, 2023 – Volatile Organic Compounds (VOCs) sampling for groundwater. Quarterly groundwater samples were collected from monitoring wells 17GW-1, 17GW-2, 17GW-4, and 17GW-6 for laboratory analysis.
- December 20, 2023 – Per- and Polyfluoroalkyl Substances (PFAs) sampling for groundwater. Quarterly groundwater samples were collected from monitoring wells 17GW-1, 17GW-2, 17GW-4, and 17GW-6 for laboratory analysis.
- December 20, 2023 – Inspection of the Soil Vapor Extraction (SVE) system. Photo-ionization detector (PID) readings at the pre-carbon, between carbon, and post-carbon locations were collected.
- January 30, 2023 – Repairs were made to the Air Sparge blower. These repairs consisted of changing the belt of the blower and relocating the blower to provide more airflow to prevent overheating. Both legs appear to be in working order.
- October 25, 2023 and December 20, 2023 – Monthly maintenance and additional repairs to individual well locations was conducted. Addition of gauges added to SVE and AS locations. Most notably AS-7 was repaired on June 16, 2023 and is now operational.

Monitoring Program Summary

No. of Sampling Points:

- Six (6) on-site groundwater monitoring wells (17GW-1, 17GW-2, 17GW-3, 17GW-4, 17GW-5 and 17GW-6), two (2) SVE wells (SVE-1 and SVE-2), eight (8) AS wells (AS-1, AS-2, AS-3, AS-4, AS-5, AS-6, AS-7, and AS-8), and Pre-Carbon and Post-Carbon sample locations.

Gauging Frequency:

- Quarterly laboratory analysis for six (6) on-site monitoring wells (17GW-1, 17GW-2, 17GW-3, 17GW-4, 17GW-5 and 17GW-6), and Pre-Carbon and Post-Carbon sample locations. Quarterly for PID and Vacuum measurement for SVE wells (SVE-1 and SVE-2), Pre-Carbon and Post-Carbon and pressure readings for AS wells (AS-1, AS-2, AS-3, AS-4, AS-5, AS-6, AS-7, and AS-8) sample locations.

Sampling Frequency:

- Quarterly laboratory analysis for six (6) on-site monitoring wells (17GW-1, 17GW-2, 17GW-3, 17GW-4, 17GW-5 and 17GW-6), Pre-Carbon and Post-Carbon sample locations. Quarterly for PID and vacuum measurement for SVE wells (SVE-1 and SVE-2), and Pre-Carbon and Post-Carbon, and pressure readings for AS wells (AS-1, AS-2, AS-3, AS-4, AS-5, AS-6, AS-7 and AS-8) sample locations.

Reporting Frequency:

- Quarterly Inspection Report (Quarterly) and Periodic Review Report (Annually).

Groundwater Depth:

- 21 feet below sidewalk grade

Monitoring Results:

- No Liquid Phase Hydrocarbons (LPH) were detected within any of the monitoring wells.
  - Quarterly monitoring occurred during this reporting period. Based on this reporting period the groundwater monitoring results showed very few exceedances for VOCs when compared to previous monitoring events. However, a significant overall decrease in VOCs has been shown across the Site since the August 2019 groundwater injection.

This reporting period groundwater monitoring results showed slight exceedances for PFAS detected within two (2) of the accessible monitoring well. When compared to the previous groundwater monitoring results, an overall decrease is shown for the monitoring wells. Based on the current and previous sampling results, the PFAS concentrations do not appear to have significantly changed overall. Since there is no history of storage of PFAS at the Site, the overall detected concentrations appear low, and concentrations have not significantly changed over time, the PFAS detections in groundwater appear to show the concentrations for the regional area, rather than a source emanating from the Site. No 1,4-dioxane detections were reported for the sampled monitoring wells this quarter or for any previous quarter with the exception of 17GW-6 in June 28, 2021 when it was detected below the NYSDEC Regulation limit.

The AS system was restarted in January 2023 and the SVE and AS system are both currently operating optimally. Based on the above groundwater monitoring results, EnviroTrac respectfully requests to shut down the SVE and AS for two consecutive quarters, to evaluate for rebounding groundwater contamination before decommissioning both systems. EnviroTrac also respectfully requests to reduce the groundwater sample analysis to VOCs CP-51 List via US EPA Method 8260 only, which should capture the contaminants of concern emanating from the former gasoline station.

DEVIATIONS FOR THE QUARTER

It should be noted that EnviroTrac was not able to collect groundwater samples for VOC and Emerging contaminates at 17GW-3 and 17GW-5. EnviroTrac was not granted access to the apartments that house 17GW-3, 17GW-5, AS-8 and SVE-2 by the tenants for the December Sampling event and the October and December O&M event. In addition, 1,4-dioxane was not collected at 17GW-1 due to the well running dry.

LIQUID LEVEL MONITORING

Depth to water readings were taken from 17GW-1, 17GW-2, 17GW-3, 17GW-4, 17GW-5 and 17GW-6 on a quarterly basis with an electronic interface probe prior to purging of the wells for sampling. As previously noted, no LPH were detected in any of the monitoring wells during this quarter.

GROUNDWATER SAMPLING

The 2023 fourth quarter groundwater sampling event was performed on December 20, 2023. The groundwater samples were collected from monitoring wells 17GW-1, 17GW-2, 17GW-4, and

17GW-6 in accordance with the low-flow groundwater sampling procedures and PFAS sampling procedures outlined within the SMP. It should be noted that EnviroTrac was not able to collect groundwater samples for VOC and Emerging contaminates analysis at 17GW-3 and 17GW-5 since EnviroTrac was not granted access to the well locations by the tenant and 1,4-dioxane at 17GW-1 due to the well running dry. See **Figure 1**, for locations of the groundwater monitoring wells. Copies of the Well Purging-Field Water Quality Measurement Forms are attached as **Appendix A**.

The groundwater samples for VOCs and 1,4-dioxane were picked up at EnviroTrac's Yaphank, NY office by laboratory dispatched courier and delivered to Phoenix Environmental Laboratories, Inc. (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State Environmental Laboratory Accreditation Program (ELAP) certified environmental laboratory (ELAP Certification No. 11301). The groundwater samples were submitted for laboratory analysis of VOCs via EPA Method 8260 and 1,4-dioxane via EPA Method 8270.

The groundwater samples for PFAS were picked up at EnviroTrac's Yaphank office by laboratory dispatched courier and delivered to Alpha Analytical, Inc. (Alpha) of 320 Forbes Boulevard in Mansfield, MA 02048, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11627). The groundwater samples were submitted for laboratory analysis of PFAS via EPA Method 537.

Copies of the laboratory reports are attached as **Appendix B**. The laboratory results for the 2023 fourth quarter sampling event are summarized and compared to their respective New York State Department of Environmental Conservation (NYSDEC) 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. Sampling of the pre-carbon and post-carbon locations occurred on December 20, 2023. 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 accessible SVE sampling ports, pre-carbon, between carbon, and post-carbon locations were field screened with a PID and vacuum readings were collected at these locations. Summa canisters were picked up at EnviroTrac's Yaphank, NY office by laboratory dispatched courier and delivered to Phoenix. The air samples were submitted for laboratory analysis of VOCs via EPA 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 were compared to the appropriate NYSDEC standards/criteria in **Table 2**.

QUATERLY GROUNDWATER SAMPLING RESULTS

17GW-1 – December 20, 2023 – Tetrahydrofuran (THF) (100 µg/L) was detected at concentrations above their respective NYSDEC GQS. A total VOC concentration of 151.6 µg/L was reported during the 4th quarter 2023 sampling event.

17GW-2 – December 20, 2023 – 1,2,4-Trimethylbenzene (11 µg/L), m&p-Xylenes (17 µg/L) were detected at concentrations above their respective NYSDEC GQS. A total VOC concentration of 46.2 µg/L was reported during the 4th quarter 2023 sampling event.

17GW-3 – December 20, 2023 – No samples were able to be collected from the well since access was not granted by the tenant.

17GW-4 – December 20, 2023 – No VOCs were reported above their respective NYSDEC GQS. A total VOC concentration of 10.85 µg/L was reported during the 4th quarter 2023 sampling event.

17GW-5 – December 20, 2023 – No samples were able to be collected from the well since access was not granted by the tenant.

17GW-6 – December 20, 2023 – 1,2,4-Trimethylbenzene (13 µg/L), m&p-Xylenes (8.9 µg/L) were detected at concentrations above their respective NYSDEC GQS. A total VOC concentration of 33.82 µg/L was reported during the 4th quarter 2023 sampling event.

QUATERLY AIR SAMPLE RESULTS

PRE-CARBON – December 20, 2023, benzene, toluene, ethylbenzene and xylene (BTEX) concentration was reported at 0 micrograms per cubic meter (µg/m^3). The total VOC concentration during this period was reported at 95.97 µg/m^3. The PID reading for this port was 1.7 parts per million (ppm).

POST-CARBON – December 20, 2023, BTEX concentration was reported at 11.16 µg/m^3. The total VOC concentration during this period was reported at 118.79 µg/m^3. The PID reading for this port was 0.4 ppm.

QUATERLY PID AND VACUUM MEASUREMENTS

December 20, 2023:

SVE-1 – The PID reading for this port was 0.0 ppm with a vacuum of -15" H_2O.

SVE-2 – No vacuum reading was taken from this location. This well is located within a residential unit. EnviroTrac was not granted access to this unit.

PRE-CARBON – The PID reading for this port was 1.7 ppm.

BETWEEN-CARBON – The PID reading for this port was 0.8 ppm.

POST-CARBON – The PID reading for this port was 0.4 ppm.

AS-1 – The pressure reading at this location was 3.5 psi.

AS-2 – The pressure reading at this location was 6 psi.

AS-3 – No pressure reading was taken from this location. The well has not yet been located by EnviroTrac.

AS-4 – The pressure reading at this location was 6 psi.

AS-5 – No pressure reading was taken from this location. This well is located within a residential unit. EnviroTrac was not granted access to this unit.

AS-6 – The pressure reading at this location was 5 psi.

AS-7 – The pressure reading at this location was 4 psi.

AS-8 – No pressure reading was taken from this location. This well is located within a residential unit. EnviroTrac was not granted access to this unit.

QUATERLY PFAs

Groundwater samples were collected on December 20, 2023. Total groundwater PFAS were detected in a range between 15.853 ng/L (17GW-6) to 398.14 ng/L (17GW-4). The PFAS compound Perfluorooctanoic Acid (PFOA) was detected in all four (4) of the groundwater monitoring wells at a maximum concentration of 36 ng/L within 17GW-1. The PFAS compound Perfluorooctanesulfonic Acid (PFOS) was detected in two (2) of the groundwater monitoring wells at a concentration of 166 ng/L within 17GW-4. Four (4) groundwater wells 17GW-1, 17GW-2, 17GW-4, and 17GW-6 were detected above the USEPA Advisory Level for combined PFOA and PFOS in drinking water. It should be noted that a PFAS samples were not collected for 17GW-3 or 17GW-5 since access was not granted by the tenant. The laboratory results for the PFAS samples are included in Table 3. Copies of the laboratory reports are attached in **Appendix B**.

FUTURE PLANS / RECOMMENDATIONS

Based on this reporting period the groundwater monitoring results showed very few exceedances for VOCs when compared to previous monitoring events. However, a significant overall decrease in VOCs has been shown across the Site since the August 2019 groundwater injection.

This reporting period groundwater monitoring results showed slight exceedances for PFAS detected within two (2) of the accessible monitoring well. When compared to the previous groundwater monitoring results, an overall decrease is shown for the monitoring wells. Based on the current and previous sampling results, the PFAS concentrations do not appear to have significantly changed overall. Since there is no history of storage of PFAS at the Site, the overall detected concentrations appear low, and concentrations have not significantly changed over time, the PFAS detections in groundwater appear to show the concentrations for the regional area, rather than a source emanating from the Site. No 1,4-dioxane detections were reported

for the sampled monitoring wells this quarter or for any previous quarter with the exception of 17GW-6 in June 28, 2021 when it was detected below the NYSDEC Regulation limit.
The AS system was restarted in January 2023 and the SVE and AS system are both currently operating optimally. Based on the above groundwater monitoring results, EnviroTrac respectfully requests to shut down the SVE and AS for two consecutive quarters, to evaluate for rebounding groundwater contamination before decommissioning both systems. EnviroTrac also respectfully requests to reduce the groundwater sample analysis to VOCs CP-51 List via US EPA Method 8260 only, which should capture the contaminants of concern emanating from the former gasoline station.

Figures:

Figure 1 – Groundwater Monitoring Well Locations
Figure 2 – Soil Vapor Extraction System Layout
Figure 3 – Air Sparge System Layout
Figure 4 – Site Plan with BTEX & MTBE Concentrations on December 20, 2023

Tables:

Table 1 – Groundwater Monitoring Well Analytical Results - VOCs
Table 2 – Groundwater Monitoring Well Analytical Results - PFAs
Table 3 – SVE System Vapor Analytical Results - VOCs

Appendices:

Appendix A – Well Purging – Field Water Quality Measurement Forms
Appendix B – Groundwater Laboratory Reports
Appendix C – SVE System Vapor Laboratory Reports
Appendix D – Routine System Inspection Form
Appendix E – Data Usability Study Report (DUSR) for Groundwater Laboratory Report for December 20, 2023

FIGURES

north

LOT 55

LOT 58

17GW-5

17GW-1

17GW-6

17GW-2

17GW-3

17GW-4

SIDEWALK

OCEAN AVENUE

LEGEND:

PROPERTY BOUNDARY

MONITORING WELL

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 15
SCALE IN FEET

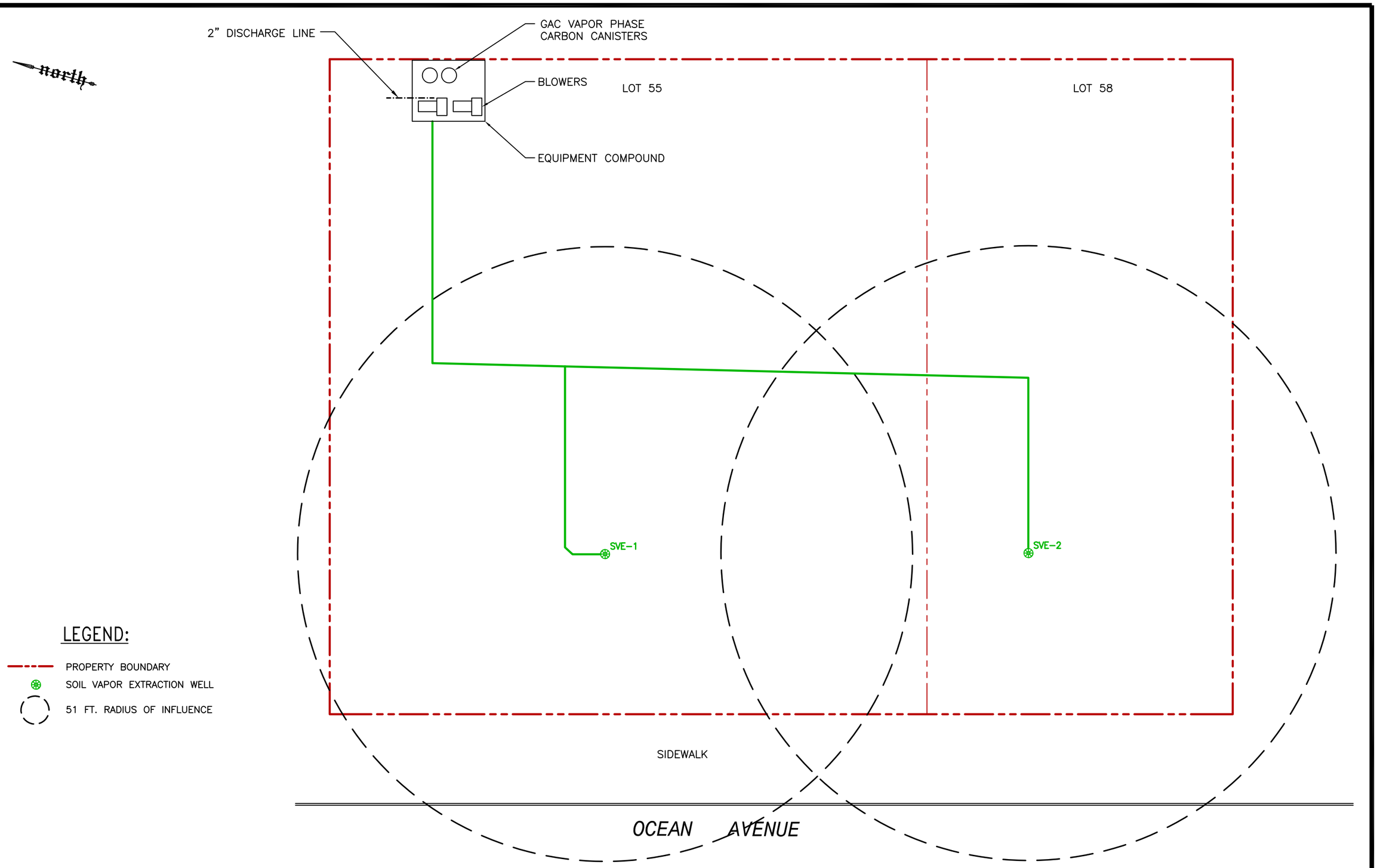
REVISION DATE: 7/18/2022

REVISED BY: BS

1815-1825 OCEAN AVENUE
BROOKLYN, NEW YORK

MONITORING WELL LOCATION MAP

FIGURE #
1



1

EnviroTrac
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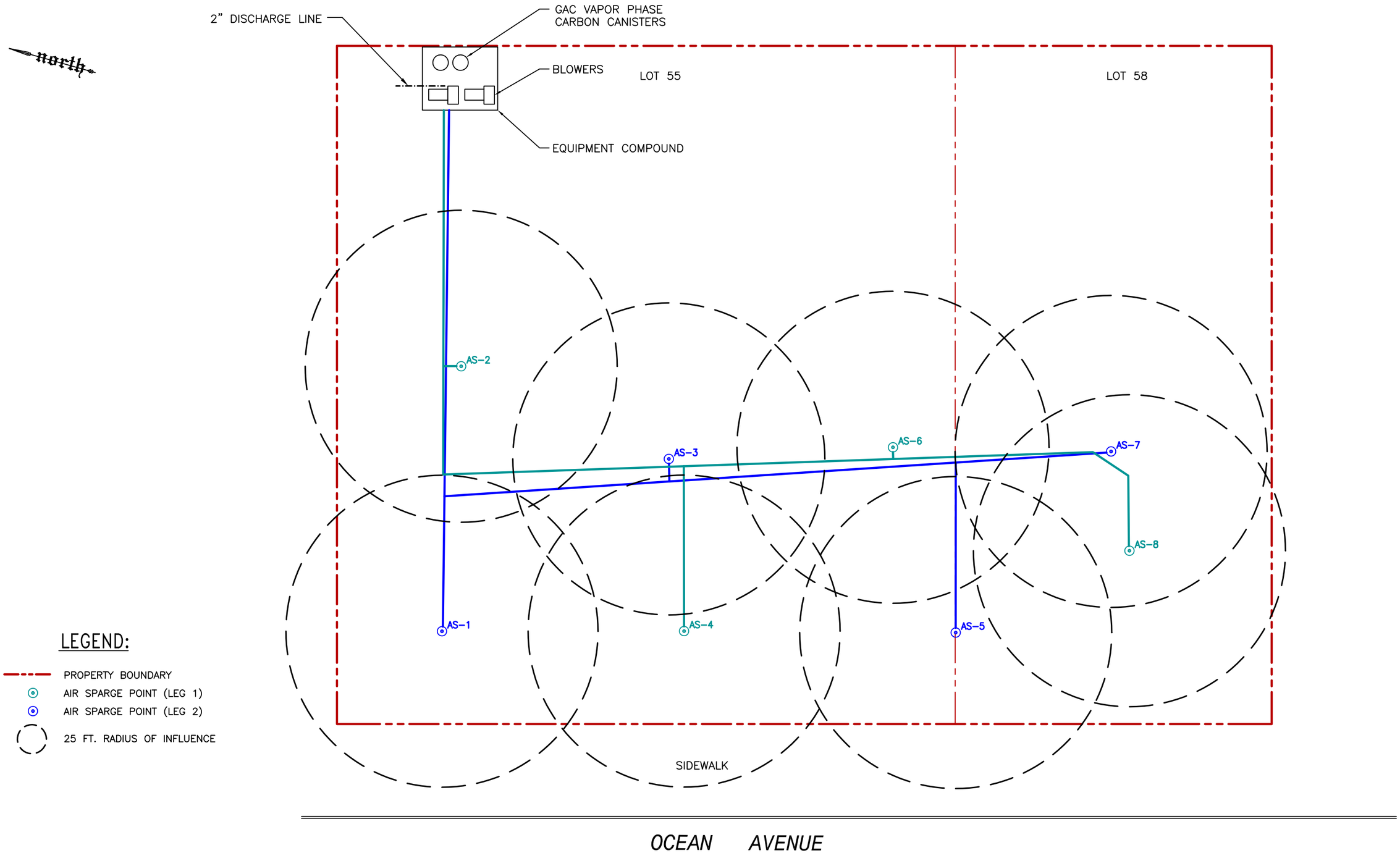
1815-1825 OCEAN AVENUE
BROOKLYN, NEW YORK

SOIL VAPOR EXTRACTION SYSTEM LAYOUT

FIGURE #
2



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1815-1825 OCEAN AVENUE
BROOKLYN, NEW YORK

AIR SPARGE SYSTEM LAYOUT

FIGURE #
3

north

2" DISCHARGE LINE

GAC VAPOR PHASE CARBON CANISTERS

BLOWERS

EQUIPMENT COMPOUND

LOT 55

LOT 58

17GW-1	BTEX	MTBE
6/28/2021	2	ND
9/30/2021	5.9	ND
3/28/2022	5.1	ND
7/21/2022	NS	NS
9/29/2022	4.2	ND
12/14/2022	3.62	ND
3/27/2023	ND	ND
4/26/2023	ND	ND
6/16/2023	ND	ND
9/14/2023	ND	ND
12/20/2023	ND	ND

17GW-5	BTEX	MTBE
6/28/2021	3.8	ND
9/30/2021	0.39	ND
3/28/2022	0.6	ND
7/21/2022	NS	NS
9/29/2022	NS	NS
12/14/2022	NS	NS
3/27/2023	NS	NS
6/16/2023	0.54	ND

17GW-2	BTEX	MTBE
6/28/2021	55.4	ND
9/30/2021	7.68	ND
3/28/2022	39.2	ND
7/21/2022	44.3	ND
9/29/2022	20.41	ND
12/14/2022	8.21	ND
3/27/2023	5.7	ND
6/16/2023	ND	ND
9/14/2023	8.29	ND
12/20/2023	19.06	ND

17GW-6	BTEX	MTBE
6/28/2021	2.24	ND
9/30/2021	33.3	ND
3/28/2022	4	ND
7/21/2022	47.6	ND
9/29/2022	27.6	ND
12/14/2022	ND	ND
3/27/2023	64.4	ND
6/20/2023	39.9	ND
9/14/2023	10.49	ND
12/20/2023	12.22	ND

17GW-3	BTEX	MTBE
6/28/2021	4.3	ND
9/30/2021	1.5	ND
3/28/2022	ND	ND
7/21/2022	20.4	ND
9/29/2022	42.37	ND
12/14/2022	1.1	ND
3/27/2023	ND	ND

17GW-4	BTEX	MTBE
6/28/2021	3.47	ND
9/30/2021	ND	ND
3/28/2022	ND	ND
7/21/2022	0.26	ND
9/29/2022	1.07	ND
12/14/2022	ND	ND
3/27/2023	ND	ND
6/16/2023	0.26	ND
9/14/2023	ND	ND
12/20/2023	ND	ND

AS-1 AS-2 AS-3 AS-4 AS-5 AS-6 AS-7 AS-8

SVE-1 SVE-2

17GW-1 17GW-2 17GW-3 17GW-4 17GW-5 17GW-6

SIDEWALK

OCEAN AVENUE

LEGEND:

- PROPERTY BOUNDARY
- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- AIR SPARGE POINT (LEG 1)
- AIR SPARGE POINT (LEG 2)

SAMPLE WELL:

17GW-6 = MONITORING WELL ID

17GW-6	BTEX	MTBE
6/28/21	2.24	ND
9/30/21	33.3	ND
3/28/22	4.0	ND
7/21/22	47.6	ND

CONCENTRATIONS IN ug/L

SYSTEM STARTUP ON 4/8/2021.

EnviroTrac
ENVIRONMENTAL SERVICES
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PHONE: (631)924-3001 FAX: (631)924-5001

0 15
SCALE IN FEET

REVISION DATE: 9/28/2023

REVISED BY: AC

1815-1825 OCEAN AVENUE
BROOKLYN, NEW YORK

BTEX AND MTBE CONCENTRATIONS SEPTEMBER 14, 2023

FIGURE # 4

TABLES

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

Compound	NYSDEC AMBIENT WATER QUALITY STANDARDS / GUIDANCE VALUES	Quarterly Groundwater Sampling (17GW-1)																	
		17GW-1 (Baseline)		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1	
		11/13/2017		12/18/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019		4/3/2019		8/21/2019	
		µg/L		µg/L		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	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	< 1.0	1.0	< 5.0	5.0	<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	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,2-Trichloroethane	1	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 2.5	2.5	<1.0	1.0	< 1.0	1.0	< 1.0	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	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	< 0.25	0.25	< 0.25	0.25	< 2.5	2.5	< 0.25	0.25	< 2.5	2.5	<0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**560**	40	**220**	20	**120**	10	**110**	5.0	**81**	5.0	**210**	10	**150**	10	**260**	20	**44**	20
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 0.50	0.50	< 0.50	0.50	< 5.0	5.0	< 0.50	0.50	< 5.0	5.0	<0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	< 0.25	0.25	< 0.25	0.25	< 2.5	2.5	< 0.25	0.25	< 2.5	2.5	<0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 4.7	4.7	< 1.0	1.0	< 4.7	4.7	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	< 0.60	0.60	< 0.60	0.60	< 5.0	5.0	< 0.60	0.60	< 5.0	5.0	<0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 2.5	2.5	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**69**	20	**19**	1.0	**16**	1.0	**9.2**	5.0	**5.1**	1.0	**18**	10	**16**	1.0	**16**	1.0	**3.5**	1.0
1,3-Dichlorobenzene	3	< 5.0	5.0	**0.34**	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 3.0	3.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 50	50	< 2.5	2.5	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	**1.4**	1.0	**1.5**	1.0	< 5.0	5.0	**0.31**	1.0	< 5.0	5.0	**1.2**	1.0	**0.92**	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 2.5	2.5	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 50	50	**7.4**	5.0	< 50	50	**8.4**	5.0	**4.5**	5.0	**17**	5.0
Acrolein	5	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 25	25	<5.0	5.0	< 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	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 5.0	5.0	< 0.70	0.70	< 0.70	0.70	< 2.5	2.5	< 0.70	0.70	< 2.5	2.5	<0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 20	20	< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 50	50	< 5.0	5.0	< 50	50	<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	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 20	20	< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	**0.74**	1.0	**0.41**	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	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	< 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	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0	< 5.0	5.0	< 7.0	7.0	<5.0	5.0	< 5.0	5.0	**0.57**	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 0.40	0.40	< 2.5	2.5	< 0.40	0.40	< 2.5	2.5	<0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 20	20	< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**320**	20	**110**	5.0	**76**	10	**80**	5.0	**65**	5.0	**130**	10	**120**	10	**140**	20	**17**	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 0.50	0.50	< 0.50	0.50	< 2.0	2.0	< 0.50	0.50	< 2.0	2.0	<0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**39**	20	**19**	1.0	**22**	1.0	**12**	5.0	**5.8**	1.0	**13**	10	**22**	1.0	**14**	1.0	**4.2**	1.0
m&p-Xylenes	5	**290**	20	**100**	5.0	**64**	10	**54**	10	**29**	1.0	**63**	10	**40**	1.0	**26**	1.0	**7**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 2.5	2.5	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5	**6**	2.5
Methyl t-butyl ether (MTBE)		< 20	20	< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 10	10	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 20	20	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 5.0	5.0	<3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**190**	20	**94**	5.0	**53**	10	**42**	10	**24**	10	**58**	10	**41**	10	**51**	20	**10**	1.0
n-Butylbenzene	5	**9.4**	20	**4.3**	1.0	**3.7**	1.0	**2.6**	5.0	**0.7**	1.0	< 5.0	5.0	**3**	1.0	**3.5**	1.0	**0.66**	1.0
n-Propylbenzene	5	**81**	20	**43**	5.0	**27**	10	**25**	5.0	**11**	1.0	**28**	10	**44**	10	**34**	20	**8.4**	1.0
o-Xylene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 5.0	5.0	**2**	1.0	**1.7**	1.0	< 5.0	5.0	**0.5**	1.0	< 5.0	5.0	**1.8**	1.0	**1.9**	1.0	**0.49**	1.0
sec-Butylbenzene	5	**5.4**	20	**2.8**	1.0	**2.9**	1.0	< 5.0	5.0	**0.68**	1.0	< 5.0	5.0	**2.7**	1.0	**2.4**	1.0	< 1.0	1.0
Styrene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	**0.34**	1.0	< 1.0	1.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	< 50	50	< 50	50	< 500	500	<50	50	< 50	50	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	**0.48**	1.0	**0.6**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	**0.38**	1.0	**0.31**	1.0	< 1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	**0.37**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 50	50	< 5.0	5.0	< 5.0	5.0	< 50	50	< 5.0	5.0	< 50	50	<5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 5.0	5.0	< 1.0	1.0	**0.26**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	**0.56**	1.0	< 1.0	1.0	< 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	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 0.40	0.40	< 2.5	2.5	< 0.40	0.40	< 2.5	2.5	<0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	< 2.5	2.5	< 2.5	2.5	< 25	25	< 2.5	2.5	< 25	25	<2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 2.5	2.5	<1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4 - dioxane	0.35*	-	-	-	-	-	-	< 0.20	0.20	< 100	100	< 1000	1,000	<100	100	< 100	100	< 100	100
BTEX		**610**		**210**		**140.26**		**134**		**94**		**193**		**160**		**166**		**24**	
Total VOCs		**1,563.8**		**616.69**		**388.66**		**334.8**		**230.49**		**520**		**433**		**554.94**		**118.82**	

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

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

Compound	NYSDEC AMBIENT WATER QUALITY STANDARDS / GUIDANCE VALUES	Quarterly Groundwater Sampling (17GW-1)																	
		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1	
		9/10/2019		11/27/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020		3/29/2021		6/28/2021		9/30/2021	
		µg/L		µg/L		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	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1,2,2-Tetrachloroethane	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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		< 250	250	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 63	63	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 250	250	< 1.0	1.0	< 1.0	1.0	< 1.0	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	**100**	63	**29**	1.0	**16**	1.0	**8.9**	1.0	**1.9**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**24**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 130	130	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 63	63	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	3	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 130	130	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 63	63	**2.1**	1.0	**1.8**	1.0	**1.4**	1.0	**0.29**	1.0	< 1.0	1.0	**0.25**	1.0	< 1.0	1.0	**5.1**	1.0
1,3-Dichlorobenzene	3	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	3	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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)	50	< 130	130	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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		< 130	130	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 500	500	**12**	5.0	**10**	5.0	**5.9**	5.0	**7.5**	5.0	**11**	5.0	**11**	5.0	**26**	5.0	**16**	5.0
Acrolein	5	< 630	630	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 130	130	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 63	63	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	**0.33**	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	50	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	50	< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 63	63	**0.64**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.39**	5.0	**0.68**	5.0	**0.28**	5.0
Chloroform	7	< 63	63	< 5.0	5.0	< 5.0	5.0	**0.27**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane		< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.34**	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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		< 63	63	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	**11**	1.0	**6.4**	1.0	**1.6**	1.0	**0.65**	1.0	**1.3**	1.0	**1.2**	1.0	**2**	1.0	**3.3**	1.0
Hexachlorobutadiene	0.5	< 50	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	< 63	63	**1.8**	1.0	**1.2**	1.0	**0.51**	1.0	< 1.0	1.0	**0.32**	1.0	**0.38**	1.0	**0.8**	1.0	**1.6**	1.0
m&p-Xylenes	5	< 250	250	**5.3**	1.0	**3.8**	1.0	**1.7**	1.0	**0.48**	1.0	< 1.0	1.0	**0.5**	1.0	< 1.0	1.0	**2.6**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 500	500	**6.5**	2.5	**5.7**	2.5	**2.8**	2.5	**3.4**	2.5	**4.4**	2.5	**5.5**	2.5	**14**	2.5	**7.8**	2.5
Methyl t-butyl ether (MTBE)		< 250	250	< 1.0	1.0	< 1.0	1.0	< 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	< 130	130	< 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	3.0	< 3.0	3.0
Naphthalene	10	< 130	130	**9.9**	1.0	**7.1**	1.0	**3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**8.3**	1.0
n-Butylbenzene	5	< 63	63	**0.32**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.91**	1.0
n-Propylbenzene	5	< 63	63	**3.6**	1.0	**2.2**	1.0	**1.4**	1.0	**0.36**	1.0	**0.79**	1.0	**0.8**	1.0	**1.7**	1.0	**4.3**	1.0
o-Xylene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.52**	1.0
sec-Butylbenzene	5	< 63	63	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.47**	1.0
Styrene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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		< 13000	13,000	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 310	310	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 63	63	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene		< 63	63	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 630	630	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 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		< 63	63	< 1.0	1.0	< 1.0	1.0	< 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	< 63	63	< 1.0	1.0	< 1.0	1.0	< 1.0	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	0.35*	< 25000	25,000	< 100	100	< 0.20	0.20	< 100	100	< 100	100	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX		**0**		**16.3**		**10.2**		**3.3**		**1.46**		**1.3**		**1.7**		**2**		**5.9**	
Total VOCs		**100**		**82.44**		**54.2**		**27.48**		**14.91**		**17.81**		**20.02**		**45.52**		**75.18**	

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

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

Compound	NYSDEC AMBIENT WATER QUALITY STANDARDS / GUIDANCE VALUES	Quarterly Groundwater Sampling (17GW-1)															
		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1		17GW-1	
		3/28/2022		9/29/2022		12/14/2022		3/27/2023		4/26/2023		6/16/2023		9/14/2023		12/20/2023	
		µg/L		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	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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	< 5.0	5.0	< 0.50	0.50	< 5.0	5.0	< 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	< 2.0	2.0	< 1.0	1.0	< 5.0	5.0	< 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	< 1.0	1.0	< 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	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 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		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0	< 20	20	< 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	< 2.0	2.0	< 0.25	0.25	< 5.0	5.0	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0	< 20	20	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**27**	1.0	**2.4**	1.0	< 1.0	1.0	**16**	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	**1.7**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 2.0	2.0	< 0.50	0.50	< 10	10	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 2.0	2.0	< 0.25	0.25	< 5.0	5.0	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 4.0	4.0	< 1.0	1.0	< 5.0	5.0	< 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	< 2.0	2.0	< 0.60	0.60	< 10	10	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**5.4**	1.0	**3**	1.0	**0.44**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	**0.36**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 3.0	3.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	< 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	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 50	50	< 5.0	5.0	< 50	50	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 1.0	1.0	**0.25**	1.0	< 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-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 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		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 50	50	< 5.0	5.0	< 50	50	< 2.5	2.5	< 2.5	2.5
Acetone	50	**55**	25	**41**	25	**46**	25	**12,000**	1,000	**270**	100	**4,400**	1,000	< 5.0	5.0	**40**	5.0
Acrolein	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	-	-	-	-	< 50	50	< 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	< 1.0	1.0	< 10	10	< 5.0	5.0	< 5.0	5.0
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 2.0	2.0	< 0.70	0.70	< 5.0	5.0	< 0.70	0.70	< 0.70	0.70
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	< 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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 10	10	**2.7**	0.50	< 20	20	**3.8**	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 20	20	< 1.0	1.0	< 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	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 50	50	< 5.0	5.0	< 20	20	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	**0.35**	5.0	< 5.0	5.0	**1.3**	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0	**36**	5.0	< 7.0	7.0	**43**	25	< 5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	**0.66**	5.0	< 5.0	5.0	< 1.0	1.0	< 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	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 2.0	2.0	< 0.40	0.40	< 5.0	5.0	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 10	10	< 0.50	0.50	< 20	20	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	< 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	**2.9**	1.0	**2.5**	1.0	**2.9**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 2.0	2.0	< 0.40	0.40	< 4.0	4.0	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1.7**	1.0	**1.6**	1.0	**1.7**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes	5	**2.2**	1.0	**1.7**	1.0	**0.72**	1.0	< 20	20	< 1.0	1.0	< 20	20	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	**26**	2.5	**18**	2.5	**24**	2.5	**5,000**	1,000	**130**	25	**920**	130	< 2.5	2.5	**8.1**	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 20	20	< 1.0	1.0	< 20	20	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 1.0	1.0	< 10	10	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**9.2**	1.0	**3.9**	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 10	10	< 1.0	1.0	**1.1**	1.0
n-Butylbenzene	5	**1.4**	1.0	**1.1**	1.0	**1**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**4.3**	1.0	**4.2**	1.0	**4.3**	1.0	**5.6**	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	**0.34**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 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		**0.66**	1.0	**0.5**	1.0	**0.29**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**0.54**	1.0	**0.52**	1.0	**0.46**	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
tert- Butylalcohol		< 50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 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	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**30,000**	1,300	**420**	130	**5,800**	2,500	< 5.0	5.0	**100**	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 2.0	2.0	< 0.40	0.40	< 5.0	5.0	< 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	< 5.0	5.0	< 5.0	5.0	< 50	50	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	< 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		< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0
1,4 - dioxane	0.35*	< 100	100	< 0.20	0.20	< 0.20	0.20	< 0.40	0.40	-	-	< 0.20	0.20	< 0.20	0.20	-	-
BTEX		**5.1**		**4.2**		**3.62**		**0**		**0**		**0**		**0**		**0**	
Total VOCs		**136.65**		**80.67**		**83.77**		**47,021.6**		**858.7**		**11,120**		**46.8**		**151.6**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-2)													
		17GW-2 (Baseline)		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2	
		11/13/2017		12/18/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	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	< 5.0	5.0	< 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	< 1.0	1.0	< 5.0	5.0	< 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	< 1.0	1.0	< 2.5	2.5	< 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	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,1-Dichloropropene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 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	< 0.25	0.25	< 0.25	0.25	<0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,2,4-Trimethylbenzene	5	**2,100**	100	**380**	20	**640**	50	**2.1**	1.0	**0.46**	1.0	**0.62**	1.0	<1.0	1.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 0.50	0.50	< 5.0	5.0	< 0.50	0.50	< 0.50	0.50	< 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	< 0.25	0.25	< 0.25	0.25	<0.25	0.25
1,2-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 4.7	4.7	< 1.0	1.0	< 1.0	1.0	< 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	< 0.60	0.60	< 0.60	0.60	<0.60	0.60
1,2-Dichloropropane	1	< 5.0	5.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,3,5-Trimethylbenzene	5	**480**	20	**64**	20	**110**	10	**0.54**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,3-Dichlorobenzene	3	< 5.0	5.0	**0.32**	1.0	< 3.0	3.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,4-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<0.25	0.25
2-Isopropyltoluene	5	< 5.0	5.0	**2.4**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<0.25	0.25
Acetone	50	< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	**3.8**	5.0	**2.5**	5.0	**4.8**	5.0
Acrolein	5	< 50	50	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Acrylonitrile	5	< 50	50	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Benzene	1	**6.9**	14	< 0.70	0.70	< 2.5	2.5	< 0.70	0.70	< 0.70	0.70	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Bromodichloromethane	50	< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 50	50	< 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		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 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	< 5.0	5.0	< 7.0	7.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Chloromethane		< 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	< 1.0	1.0	< 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	< 0.40	0.40	< 0.40	0.40	<0.40	0.40
Dibromochloromethane	50	< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Ethylbenzene	5	**1,400**	100	**250**	20	**470**	50	**0.69**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 0.50	0.50	< 2.0	2.0	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	<0.50	0.50
Isopropylbenzene	5	**81**	20	**25**	20	**34**	10	**0.29**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
m&p-Xylenes	5	**1,300**	100	**380**	20	**570**	10	**0.53**	1.0	< 1.0	1.0	**0.65**	1.0	<1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5
Methyl t-butyl ether (MTBE)		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Methylene chloride	5	< 20	20	< 3.0	3.0	< 10	10	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0
Naphthalene	10	**450**	100	**140**	20	**160**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
n-Butylbenzene	5	**13**	20	**9.5**	1.0	**8.9**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
n-Propylbenzene	5	**210**	20	**49**	20	**72**	10	**0.67**	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
o-Xylene	5	**740**	100	**23**	20	**45**	10	< 1.0	1.0	< 1.0	1.0	**0.27**	1.0	<1.0	1.0
p-Isopropyltoluene		**7.7**	20	**4.4**	1.0	**3.9**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
sec-Butylbenzene	5	**12**	20	**5.7**	1.0	**6.4**	10	< 1.0	1.0	< 1.0	1.0	**0.44**	1.0	<1.0	1.0
Styrene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 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
tert-Butylbenzene	5	< 5.0	5.0	**0.65**	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Tetrahydrofuran (THF)	50	< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Toluene	5	**40**	20	**3.5**	1.0	**2.6**	10	< 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		< 5.0	5.0	< 0.40	0.40	< 2.5	2.5	< 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	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,4 - dioxane	0.35*	-	-	-	-	-	-	-	-	< 100	100	< 100	100	<100	100
BTEX		**3486.9**		**656.5**		**1087.6**		**1.22**		**0**		**0.92**		**0**	
Total VOCs		**6,840.6**		**1,337.5**		**2,122.8**		**4.82**		**4.26**		**4.48**		**4.8**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-2)													
		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2	
		4/3/2019		8/21/2019		9/10/2019		11/27/2019		3/26/2020		6/29/2020		9/29/2020	
		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	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
1,2,3-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	< 1.0	1.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	**0.26**	1.0	**1.3**	1.0	**1.9**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	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
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	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-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	**3.6**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.66**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 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	< 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
Chloromethane		< 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	< 1.0	1.0	< 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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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	< 1.0	1.0	< 1.0	1.0	**0.61**	1.0	< 1.0	1.0	**0.41**	1.0	**0.55**	1.0	**1.2**	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	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylenes	5	< 1.0	1.0	< 1.0	1.0	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	**0.68**	1.0	**1.3**	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)		< 1.0	1.0	< 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	< 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	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	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	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
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.35**	1.0	**0.63**	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	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
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	< 50	50	< 50	50
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	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
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		< 0.40	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	0.35*	< 100	100	< 100	100	< 100	100	< 100	100	< 0.20	0.20	< 100	100	< 100	100
BTEX		**0**		**0**		**0.92**		**0**		**0.41**		**1.58**		**3.13**	
Total VOCs		**0**		**0**		**1.2**		**4.26**		**0.67**		**2.88**		**5.03**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-2)													
		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2	
		12/11/2020		3/29/2021		6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022	
		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	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
1,2,3-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	**9.9**	1.0	**8.1**	1.0	**5.2**	1.0	**33**	5.0	**14**	1.0	**36**	5.0	**23**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	5	**0.85**	1.0	**1.7**	1.0	< 1.0	1.0	**4.7**	1.0	**1**	1.0	**3.3**	1.0	**7.3**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	< 1.0	1.0	**0.75**	1.0	< 1.0	1.0	< 1.0	1.0	**0.27**	1.0	< 1.0	1.0	**0.84**	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	**3.5**	5.0	**2.5**	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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	**0.28**	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	**0.34**	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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
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		< 1.0	1.0	< 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	< 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
Chloromethane		< 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	< 1.0	1.0	< 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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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	**7.1**	1.0	**4.2**	1.0	**2.2**	1.0	**19**	1.0	**2.6**	1.0	**7.7**	1.0	**3.2**	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	**4.8**	1.0	**10**	1.0	**0.52**	1.0	**4.1**	1.0	**3.5**	1.0	**4**	1.0	**3.1**	1.0
m&p-Xylenes	5	**6.4**	1.0	**6.5**	1.0	**1.8**	1.0	**29**	1.0	**2.9**	1.0	**26**	1.0	**37**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	**4.6**	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 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	< 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	3.0
Naphthalene	10	**6.4**	1.0	**2.8**	1.0	**1.1**	1.0	**15**	1.0	**7.2**	1.0	**14**	1.0	**8.2**	1.0
n-Butylbenzene	5	< 1.0	1.0	**2.3**	1.0	< 1.0	1.0	**0.32**	1.0	**0.27**	1.0	**0.42**	1.0	**0.61**	1.0
n-Propylbenzene	5	**3.4**	1.0	**11**	1.0	**0.66**	1.0	**5.6**	1.0	**2.8**	1.0	**4.6**	1.0	**3.6**	1.0
o-Xylene	5	**2.1**	1.0	**1.3**	1.0	**0.56**	1.0	**6.2**	1.0	**1.8**	1.0	**4.5**	1.0	**3.7**	1.0
p-Isopropyltoluene		< 1.0	1.0	**0.27**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.46**	1.0
sec-Butylbenzene	5	**0.31**	1.0	**2.4**	1.0	**0.42**	1.0	**0.94**	1.0	**0.75**	1.0	**0.86**	1.0	**2.2**	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	< 50	50	-	-
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	**6.1**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	**0.35**	1.0	**0.29**	1.0	< 1.0	1.0	**1.2**	1.0	**0.38**	1.0	**0.67**	1.0	**0.39**	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		< 0.40	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	0.35*	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.21**	0.20
BTEX		**16.23**		**12.29**		**4.56**		**55.4**		**7.68**		**39.21**		**44.29**	
Total VOCs		**41.89**		**51.61**		**23.16**		**122.56**		**39.97**		**102.39**		**93.81**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-2)											
		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2		17GW-2	
		9/29/2022		12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
		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
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
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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	< 0.50	0.50	< 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
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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
1,1-Dichloropropene	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
1,2,3-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
1,2,3-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
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
1,2,4-Trimethylbenzene	5	**12**	1.0	**3.6**	1.0	**11**	1.0	**0.44**	1.0	**5.6**	1.0	**11**	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
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
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	**3.3**	1.0	**2.8**	1.0	**6.2**	1.0	< 1.0	1.0	**1.2**	1.0	**2.8**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**0.67**	1.0	**0.87**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	< 1.0	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
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 25	25	**3.4**	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 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	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**0.33**	0.70	**0.46**	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
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
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	**0.37**	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 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
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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
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
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50	< 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
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
Ethylbenzene	5	**1.8**	1.0	**0.41**	1.0	**1.5**	1.0	< 1.0	1.0	**0.48**	1.0	**1.4**	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1.9**	1.0	**10**	1.0	**6.4**	1.0	**1.1**	1.0	**1.3**	1.0	**2.6**	1.0
m&p-Xylenes	5	**17**	1.0	**5.6**	1.0	**4.2**	1.0	< 1.0	1.0	**7.4**	1.0	**17**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 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)		< 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	< 3.0	3.0	< 3.0	3.0	< 1.0	1.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**7.2**	1.0	**4.8**	1.0	**22**	5.0	< 1.0	1.0	**4.1**	1.0	**7.7**	1.0
n-Butylbenzene	5	**0.32**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**1.5**	1.0	**1.1**	1.0	**14**	1.0	< 1.0	1.0	**0.76**	1.0	**2.3**	1.0
o-Xylene	5	**0.94**	1.0	**0.34**	1.0	< 1.0	1.0	< 1.0	1.0	**0.41**	1.0	**0.33**	1.0
p-Isopropyltoluene		< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**1.9**	1.0	**2.5**	1.0	< 1.0	1.0	**0.86**	1.0	**0.76**	1.0	**0.37**	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
tert- Butylalcohol		-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	< 1.0	1.0	**0.35**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	**0.34**	1.0	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.33**	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-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
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 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
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
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
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
1,4 - dioxane	0.35*	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.40	0.40
BTEX		**20.41**		**8.21**		**5.7**		**0**		**8.29**		**19.06**	
Total VOCs		**49.2**		**34.51**		**65.3**		**5.8**		**22.3**		**46.2**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-3)											
		17GW-3 (Baseline)		17GW-3		17GW-3		17GW-3		17GW-3		17GW-3	
		11/13/2017		12/18/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018	
		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
1,1,1,2-Tetrachlorothane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 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
1,1,2,2-Tetrachloroethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 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	< 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
1,1-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,1-Dichloropropene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 2.0	2.0	< 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	< 0.50	0.50	< 0.25	0.25
1,2,4-Trichlorobenzene		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**1,600**	200	**290**	10	**140**	10	**420**	13	**150**	5.0	**55**	5.0
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 0.50	0.50	< 5.0	5.0	< 0.50	0.50	< 1.0	1.0	< 0.50	0.50
1,2-Dibromoethane		< 5.0	5.0	< 0.25	0.25	< 2.5	2.5	< 0.25	0.25	< 0.50	0.50	< 0.25	0.25
1,2-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 4.7	4.7	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,2-Dichloroethane	0.6	< 10	10	< 0.60	0.60	< 5.0	5.0	< 0.60	0.60	< 1.0	1.0	< 0.60	0.60
1,2-Dichloropropane	1	< 5.0	5.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	5	**190**	20	**21**	1.0	**17**	10	**66**	5.0	**16**	2.0	**5.1**	1.0
1,3-Dichlorobenzene	3	< 5.0	5.0	**0.3**	1.0	< 3.0	3.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,3-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,4-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
2,2-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
2-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5
2-Isopropyltoluene	5	< 5.0	5.0	**5.2**	1.0	**5.2**	10	**1.2**	1.0	< 2.0	2.0	**0.43**	1.0
4-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5
Acetone	50	< 50	50	< 50	50	< 50	50	< 5.0	5.0	**12**	10	< 5.0	5.0
Acrolein	5	< 50	50	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrylonitrile	5	< 50	50	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Benzene	1	**12**	14	< 0.70	0.70	< 2.5	2.5	**2.3**	0.70	< 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	< 2.0	2.0	< 1.0	1.0
Bromochloromethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Bromodichloromethane	50	< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Bromoform	50	< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	< 10	10	< 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
Carbon Disulfide		< 20	20	< 1.0	1.0	< 10	10	**0.38**	1.0	**0.65**	2.0	< 1.0	1.0
Carbon tetrachloride	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 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
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
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
Chloromethane		< 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	< 2.0	2.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 2.5	2.5	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40
Dibromochloromethane	50	< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Dibromomethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Ethylbenzene	5	**470**	20	**56**	10	**37**	10	**200**	5.0	**55**	2.0	**9.8**	1.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 0.50	0.50	< 2.0	2.0	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**71**	20	**60**	10	**53**	10	**24**	1.0	**6.7**	2.0	**2.1**	1.0
m&p-Xylenes	5	**450**	20	**21**	1.0	**17**	10	**34**	1.0	**25**	2.0	**4.5**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 20	20	< 1.0	1.0	< 10	10	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Methylene chloride	5	< 20	20	< 3.0	3.0	< 10	10	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0
Naphthalene	10	**210**	20	**110**	10	**150**	10	**100**	10	**24**	2.0	**4.5**	1.0
n-Butylbenzene	5	**10**	20	**17**	1.0	**16**	10	**4.8**	1.0	**1.9**	2.0	**0.73**	1.0
n-Propylbenzene	5	**160**	20	**150**	10	**120**	10	**59**	5.0	**15**	2.0	**5.1**	1.0
o-Xylene	5	**180**	20	**1.1**	1.0	< 5.0	5.0	**6.2**	1.0	**1**	2.0	**0.48**	1.0
p-Isopropyltoluene		**5.5**	20	**9.1**	1.0	**8.8**	10	**2.8**	1.0	**1**	2.0	**0.64**	1.0
sec-Butylbenzene	5	**9.5**	20	**11**	1.0	**10**	10	**3.5**	1.0	< 2.0	2.0	**0.59**	1.0
Styrene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	< 50	50	< 100	100	< 50	50
tert-Butylbenzene	5	< 5.0	5.0	**1.3**	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Tetrachloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	< 10	10	< 5.0	5.0
Toluene	5	**25**	20	**0.64**	1.0	< 5.0	5.0	**2.7**	1.0	< 2.0	2.0	< 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
trans-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 2.5	2.5	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40
trans-1,4-dichloro-2-butene	5	< 50	50	< 2.5	2.5	< 25	25	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5
Trichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Trichlorofluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Trichlorotrifluoroethane		< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Vinyl Chloride	2	< 5.0	5.0	< 1.0	1.0	< 2.5	2.5	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,4 - dioxane	0.35*	-	-	-	-	-	-	< 100	100	< 200	200	< 100	100
BTEX		**1137**		**78.74**		**54**		**245.2**		**81**		**14.78**	
Total VOCs		**3,393**		**754**		**574**		**926.88**		**308.25**		**88.97**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-3)											
		17GW-3		17GW-3		17GW-3		17GW-3		17GW-3		17GW-3	
		1/30/2019		4/3/2019		8/21/2019		9/10/2019		11/27/2019		10/14/2021	
		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
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
1,1,1-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
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
1,1,2-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
1,1-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
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
1,1-Dichloropropene	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
1,2,3-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
1,2,3-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
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
1,2,4-Trimethylbenzene	5	**38**	5.0	**35**	2.0	**27**	1.0	**6.2**	1.0	**79**	20	**5.2**	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
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
1,2-Dichlorobenzene	3	<1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	**3**	1.0	**2.8**	1.0	**1.1**	1.0	< 1.0	1.0	**1.2**	1.0	**0.41**	1.0
1,3-Dichlorobenzene	3	<1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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
1,4-Dichlorobenzene	3	<1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
2-Hexanone (Methyl Butyl Ketone)	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-Isopropyltoluene	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
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
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
Acetone	50	**6.5**	5.0	< 5.0	5.0	**4.4**	5.0	< 5.0	5.0	**3.9**	5.0	< 5.0	5.0
Acrolein	5	<5.0	5.0	< 5.0	5.0	**4.4**	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
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
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
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
Bromodichloromethane	50	<1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	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
Bromomethane	5	<5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.66**	5.0	< 5.0	5.0
Carbon Disulfide		<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
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
Chloroethane	5	<5.0	5.0	< 5.0	5.0	**0.39**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	<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		<5.0	5.0	< 5.0	5.0	**0.36**	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
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
Dibromochloromethane	50	<1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
Ethylbenzene	5	**8.6**	1.0	**18**	1.0	**15**	1.0	**3.3**	1.0	**19**	1.0	**3.2**	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
Isopropylbenzene	5	**1.5**	1.0	**2.1**	1.0	**1.8**	1.0	**0.48**	1.0	**6.4**	1.0	**0.73**	1.0
m&p-Xylenes	5	**1.8**	1.0	**6.9**	1.0	**5.1**	1.0	< 1.0	1.0	**6.8**	1.0	**1.1**	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
Methyl t-butyl ether (MTBE)		<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	<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	**3.1**	1.0	**5.4**	1.0	**4.8**	1.0	< 1.0	1.0	**9.1**	1.0	< 1.0	1.0
n-Butylbenzene	5	**0.68**	1.0	**0.68**	1.0	**0.39**	1.0	< 1.0	1.0	**0.35**	1.0	< 1.0	1.0
n-Propylbenzene	5	**3.4**	1.0	**4.3**	1.0	**3.5**	1.0	**1.1**	1.0	**13**	1.0	**1.5**	1.0
o-Xylene	5	**0.35**	1.0	**0.46**	1.0	**0.45**	1.0	< 1.0	1.0	**1.5**	1.0	< 1.0	1.0
p-Isopropyltoluene		**0.36**	1.0	**0.35**	1.0	< 1.0	1.0	< 1.0	1.0	**0.29**	1.0	< 1.0	1.0
sec-Butylbenzene	5	**0.37**	1.0	**0.49**	1.0	**0.27**	1.0	< 1.0	1.0	**0.43**	1.0	< 1.0	1.0
Styrene	5	<50	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert- Butylalcohol		<1.0	1.0	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	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
Toluene	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
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
trans-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
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
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
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
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
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
1,4 - dioxane	0.35*	<100	100	< 100	100	< 100	100	< 100	100	< 100	100	< 0.20	0.20
BTEX		**10.75**		**25.36**		**20.55**		**3.3**		**27.3**		**4.3**	
Total VOCs		**61.16**		**76.48**		**68.96**		**11.08**		**141.63**		**12.14**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-3)											
		17GW-3		17GW-3		17GW-3		17GW-3		17GW-3		17GW-3	
		1/12/2022		3/28/2022		7/21/2022		9/29/2022		12/14/2022		3/27/2023	
		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
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
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
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	< 0.50	0.50
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
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
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
1,1-Dichloropropene	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
1,2,3-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
1,2,3-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
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
1,2,4-Trimethylbenzene	5	**1.8**	1.0	< 1.0	1.0	**31**	5.0	**82**	5.0	**1**	1.0	**1.1**	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
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
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**3.5**	1.0	**15**	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
2-Isopropyltoluene	5	< 1.0	1.0	< 1.0	1.0	**0.43**	1.0	**0.68**	1.0	< 1.0	1.0	< 1.0	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
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**30**	25
Acrolein	5	< 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	< 1.0	1.0
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
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
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
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0
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
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0
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
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
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50
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
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
Ethylbenzene	5	**1.5**	1.0	< 1.0	1.0	**12**	1.0	**19**	1.0	**1.1**	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	< 0.40	0.40
Isopropylbenzene	5	**0.76**	1.0	< 1.0	1.0	**3.5**	1.0	**6.3**	1.0	**1.2**	1.0	< 1.0	1.0
m&p-Xylenes	5	< 1.0	1.0	< 1.0	1.0	**7.4**	1.0	**22**	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	**16**	5.0
Methyl t-butyl ether (MTBE)		< 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	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 1.0	1.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	**4.2**	1.0	**20**	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.94**	1.0	**0.38**	1.0	< 1.0	1.0
n-Propylbenzene	5	**1.6**	1.0	< 1.0	1.0	**5.2**	1.0	**12**	1.0	**2.9**	1.0	< 1.0	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	**0.66**	1.0	**1**	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.58**	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	**0.8**	1.0	**1.4**	1.0	**0.44**	1.0	< 1.0	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
tert- Butylalcohol		< 50	50	< 50	50	-	-	-	-	-	-	-	-
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**100**	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	**0.37**	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	< 1.0	1.0
trans-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
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	< 5.0	5.0
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
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
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
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
1,4 - dioxane	0.35*	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX		**1.5**		**0**		**20.36**		**42.37**		**1.1**		**0**	
Total VOCs		**5.66**		**0**		**68.99**		**181.27**		**7.02**		**147.1**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-4)													
		17GW-4 (Baseline)		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4	
		11/16/2017		12/18/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	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	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
1,2,3-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	**220**	10	**64**	5.0	**5.1**	1.0	**2.7**	1.0	**16**	1.0	**0.82**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	5	**0.3**	1.0	**0.72**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**1.1**	1.0	<1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	**0.32**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	<2.5	2.5
2-Isopropyltoluene	5	**4.2**	1.0	**3.9**	1.0	**4.6**	1.0	**2.6**	1.0	**1.2**	1.0	**3.8**	1.0	**0.59**	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	< 5.0	5.0	**3.8**	5.0	**3**	5.0	**4.3**	5.0
Acrolein	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
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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
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		< 1.0	1.0	< 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	**0.9**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.31**	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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
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	**2**	1.0	**1.9**	1.0	**0.98**	1.0	**0.45**	1.0	**1.9**	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	**16**	1.0	**15**	1.0	**8.7**	1.0	**3.9**	1.0	**13**	1.0	**1**	1.0
m&p-Xylenes	5	**2.2**	1.0	**3**	1.0	**0.39**	1.0	< 1.0	1.0	< 1.0	1.0	**0.79**	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)		< 1.0	1.0	< 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	**1.2**	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	< 3.0	3.0	< 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	**4.2**	1.0	**9.2**	1.0	**14**	1.0	**4.5**	1.0	**8.7**	1.0	**0.74**	1.0
n-Propylbenzene	5	**25**	10	**38**	10	**52**	5.0	**30**	1.0	**13**	1.0	**34**	2.0	**2.9**	1.0
o-Xylene	5	**1.2**	1.0	**1.6**	1.0	**0.46**	1.0	< 1.0	1.0	< 1.0	1.0	**0.47**	1.0	<1.0	1.0
p-Isopropyltoluene		**4.1**	1.0	**5**	1.0	**5.2**	1.0	**2.1**	1.0	**0.66**	1.0	**1.4**	1.0	**0.3**	1.0
sec-Butylbenzene	5	**3.4**	1.0	**3.4**	1.0	**5.7**	1.0	**6.5**	1.0	**2.9**	1.0	**6.1**	1.0	**0.62**	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
tert-Butylbenzene	5	**0.97**	1.0	**1.2**	1.0	**1.5**	1.0	**0.92**	1.0	**0.39**	1.0	**1.2**	1.0	<1.0	1.0
Tetrachloroethene	5	**0.27**	1.0	**0.26**	1.0	< 1.0	1.0	< 1.0	1.0	**0.5**	1.0	**0.64**	1.0	**3.5**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Toluene	5	**0.37**	1.0	**0.61**	1.0	**0.5**	1.0	< 1.0	1.0	< 1.0	1.0	**0.54**	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		< 0.40	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	0.35*	-	-	-	-	-	-	< 0.20	0.20	< 100	100	< 100	100	<100	100
BTEX		**5.67**		**7.21**		**3.25**		**0.98**		**0.45**		**3.7**		**0**	
Total VOCs		**292.91**		**302.31**		**160.45**		**70.9**		**34.31**		**92.64**		**14.77**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-4)													
		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4		176W-4		17GW-4	
		4/3/2019		8/21/2019		9/10/2019		11/27/2019		3/26/2020		6/29/2020		9/29/2020	
		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	< 2.0	2.0	< 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	< 2.0	2.0	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 2.0	2.0	< 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	< 0.50	0.50	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**4.6**	1.0	**70**	20	**63**	20	**24**	20	**0.33**	1.0	**19**	1.0	**7.9**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 1.0	1.0	< 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	< 0.50	0.50	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 1.0	1.0	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	< 1.0	1.0	**1.7**	1.0	**0.66**	2.0	**1.9**	1.0	< 1.0	1.0	< 1.0	1.0	**0.35**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 2.0	2.0	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1**	1.0	**3**	1.0	**3.6**	2.0	**2.8**	1.0	**2.4**	1.0	**1.3**	1.0	**2.3**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 5.0	5.0	< 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	< 10	10	**2.9**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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	< 2.0	2.0	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 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	**0.64**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 2.0	2.0	< 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	< 5.0	5.0	< 5.0	5.0	< 7.0	7.0	< 5.0	5.0	< 5.0	5.0	**0.67**	5.0	< 5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.26**	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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.38**	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 2.0	2.0	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	< 1.0	1.0	**9.7**	1.0	**4.4**	2.0	**1**	1.0	< 1.0	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	**1.6**	1.0	**21**	1.0	**24**	2.0	**21**	20	**22**	1.0	**1.3**	1.0	**6**	1.0
m&p-Xylenes	5	< 1.0	1.0	**4.6**	1.0	**2.1**	2.0	**0.45**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	**6.9**	1.0	**7.1**	2.0	**8.1**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1**	1.0	**8.6**	1.0	**9.3**	2.0	**8.2**	1.0	**4**	1.0	**1.2**	1.0	**4.2**	1.0
n-Propylbenzene	5	**3.2**	1.0	**42**	20	**52**	2.0	**45**	20	**38**	2.0	**3.5**	1.0	**18**	1.0
o-Xylene	5	< 1.0	1.0	**2**	1.0	**1.4**	2.0	**0.39**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 1.0	1.0	**1**	1.0	**1.3**	2.0	**0.4**	1.0	**0.28**	1.0	**0.83**	1.0	**0.46**	1.0
sec-Butylbenzene	5	**1.1**	1.0	**7.6**	1.0	**7.8**	2.0	**6.5**	1.0	**4.3**	1.0	**1.4**	1.0	**4.6**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert- Butylalcohol		< 50	50	< 50	50	< 100	100	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	**0.3**	1.0	**1.1**	1.0	**1.2**	2.0	**1.1**	1.0	**0.88**	1.0	**0.31**	1.0	**0.74**	1.0
Tetrachloroethene	5	**2.4**	1.0	**1.8**	1.0	**1.3**	2.0	**1.4**	1.0	**0.98**	1.0	**3.1**	1.0	**1.6**	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	5	< 1.0	1.0	**0.81**	1.0	**0.91**	2.0	**1.1**	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		< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 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	< 5.0	5.0	< 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	< 2.0	2.0	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	**0.67**	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 2.0	2.0	< 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	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4 - dioxane	0.35*	< 100	100	< 100	100	< 200	200	< 100	100	< 0.20	0.20	< 100	100	< 100	100
BTEX		**0**		**17.11**		**8.81**		**2.94**		**0**		**0**		**0**	
Total VOCs		**15.2**		**181.81**		**180.07**		**127.14**		**73.45**		**32.61**		**47.2**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-4)													
		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4	
		12/11/2020		3/29/2021		6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022	
		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	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
1,2,3-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	< 1.0	1.0	**2.1**	1.0	**13**	1.0	**28**	1.0	< 1.0	1.0	< 1.0	1.0	**4.3**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	5	< 1.0	1.0	< 1.0	1.0	**4.2**	1.0	**1.1**	1.0	< 1.0	1.0	< 1.0	1.0	**0.67**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.3**	1.0	**6.1**	1.0	**1.2**	1.0	**4.3**	1.0	**1.4**	1.0	**0.27**	1.0	**0.42**	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	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
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		< 1.0	1.0	< 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	< 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
Chloromethane		< 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	**0.77**	1.0	**0.48**	1.0	**0.43**	1.0	**0.67**	1.0	< 1.0	1.0	< 1.0	1.0	**0.34**	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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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	< 1.0	1.0	**2.1**	1.0	**0.64**	1.0	**2.3**	1.0	< 1.0	1.0	< 1.0	1.0	**0.26**	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	**3.1**	1.0	**17**	1.0	**5.1**	1.0	**18**	1.0	**1.3**	1.0	< 1.0	1.0	**2.4**	1.0
m&p-Xylenes	5	< 1.0	1.0	**1.1**	1.0	< 1.0	1.0	**0.58**	1.0	< 1.0	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)		< 1.0	1.0	< 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	< 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	3.0
Naphthalene	10	**1**	1.0	**4.6**	1.0	**1.3**	1.0	**3.6**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**1.4**	1.0	**15**	1.0	**3**	1.0	**10**	1.0	**0.34**	1.0	< 1.0	1.0	**0.38**	1.0
n-Propylbenzene	5	**5.4**	1.0	**37**	10	**12**	1.0	**43**	5.0	**0.93**	1.0	< 1.0	1.0	**2.1**	1.0
o-Xylene	5	< 1.0	1.0	**0.28**	1.0	< 1.0	1.0	**0.26**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 1.0	1.0	**0.46**	1.0	**0.65**	1.0	**0.34**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2.7**	1.0	**14**	1.0	**2.5**	1.0	**8.1**	1.0	**2.1**	1.0	**0.42**	1.0	**0.62**	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	< 50	50	-	-
tert-Butylbenzene	5	**0.48**	1.0	**2.1**	1.0	**0.37**	1.0	**1.4**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	**1.5**	1.0	< 1.0	1.0	**1.2**	1.0	**0.94**	1.0	**1.6**	1.0	**1.3**	1.0	**1.9**	1.0
Tetrahydrofuran (THF)	50	**4.2**	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	< 1.0	1.0	**0.34**	1.0	< 1.0	1.0	**0.33**	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		< 0.40	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	0.35*	< 0.20	0.20	< 0.20	0.20	0.24	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX		**0**		**3.82**		**0.64**		**3.47**		**0**		**0**		**0.26**	
Total VOCs		**21.85**		**102.66**		**45.83**		**122.92**		**8.16**		**1.99**		**13.39**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-4)											
		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4		17GW-4	
		9/29/2022		12/14/2022		3/27/2023		6/19/2023		9/14/2023		12/20/2023	
		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
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 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	< 2.0	2.0	< 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
1,1,2-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
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 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	< 0.25	0.25	< 0.25	0.25	< 0.50	0.50	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 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	**1.8**	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	**0.35**	1.0
1,2-Dibromo-3-chloropropane	0.04	< 0.50	0.50	< 0.50	0.50	< 1.0	1.0	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane		< 0.25	0.25	< 0.25	0.25	< 0.50	0.50	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	3	< 1.0	1.0	< 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	< 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	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
1,3,5-Trimethylbenzene	5	**0.32**	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 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	< 2.5	2.5	< 2.5	2.5	< 10	10	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**1.7**	1.0	< 1.0	1.0	**3**	2.0	**3.4**	1.0	**1.8**	1.0	**0.74**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 10	10	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 50	50	< 5.0	5.0	< 5.0	5.0	**3.4**	5.0
Acrolein	5	< 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	< 2.0	2.0	< 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
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 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	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	**0.34**	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	5	**0.66**	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	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
Isopropylbenzene	5	**3.3**	1.0	< 1.0	1.0	**14**	2.0	**4**	1.0	**1.8**	1.0	**1.6**	1.0
m&p-Xylenes	5	**0.41**	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 10	10	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 2.0	2.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	5	**0.37**	1.0	< 1.0	1.0	**3.9**	2.0	**0.92**	1.0	**0.77**	1.0	< 1.0	1.0
n-Propylbenzene	5	**1.9**	1.0	< 1.0	1.0	**20**	2.0	**2.1**	1.0	**1.2**	1.0	**0.38**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**1.8**	1.0	**0.26**	1.0	**7**	2.0	**7.4**	1.0	**4.1**	1.0	**1.3**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert- Butylalcohol		-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	**0.6**	1.0	< 1.0	1.0	< 2.0	2.0	**1.2**	1.0	**0.6**	1.0	**0.28**	1.0
Tetrachloroethene	5	**0.56**	1.0	**1.1**	1.0	< 2.0	2.0	**0.54**	1.0	**0.99**	1.0	**2.8**	1.0
Tetrahydrofuran (THF)	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
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	**0.26**	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 2.0	2.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-1,3-Dichloropropene		< 0.40	0.40	< 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	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4 - dioxane	0.35*	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.40	0.40
BTEX		**1.07**		**0**		**0**		**0.26**		**0**		**0**	
Total VOCs		**13.76**		**1.36**		**47.9**		**19.82**		**11.26**		**10.85**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-5)															
		17GW-5 (Baseline)		17GW-5		17GW-5		17GW-5		17GW-5		17GW-5		17GW-5		17GW-5	
		11/13/2017		12/18/2017		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	
	µg/L	Results	RL	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	< 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	< 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	< 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	< 1.0	1.0	< 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	< 5.0	5.0
1,1-Dichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 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	< 5.0	5.0	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 0.25	0.25	< 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	< 1.0	1.0	< 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	**1,500**	100	**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	< 0.50	0.50	< 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	< 0.25	0.25	< 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	3	< 4.7	4.7	< 1.0	1.0	< 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	< 0.60	0.60	< 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	1	< 2.5	2.5	< 1.0	1.0	< 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	**85**	20	**110**	10	**12**	1.0	**12**	1.0	**8.5**	5.0	**15**	5.0	**17**	5.0
1,3-Dichlorobenzene	3	< 3.0	3.0	**0.29**	1.0	< 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	< 1.0	1.0	< 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	3	< 5.0	5.0	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 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)	50	< 25	25	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
2-Isopropyltoluene	5	**4.3**	10	**3.2**	1.0	< 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	< 1.0	1.0	< 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	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
Acetone	50	< 50	50	< 5.0	5.0	< 50	50	< 5.0	5.0	**2.6**	5.0	< 25	25	<25	25	< 50	50
Acrolein	5	< 25	25	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 13	13	<13	13	< 50	50
Acrylonitrile	5	< 25	25	< 5.0	5.0	< 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	**16**	0.70	**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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	50	< 10	10	< 1.0	1.0	< 10	10	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	<5.0	5.0	< 20	20
Bromoform	50	< 50	50	< 5.0	5.0	< 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	< 5.0	5.0
Carbon Disulfide		< 10	10	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 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	< 5.0	5.0
Chloroform	7	< 7.0	7.0	< 5.0	5.0	< 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		< 5.0	5.0	< 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	< 1.0	1.0	< 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	< 0.40	0.40	< 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	50	< 10	10	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	**500**	20	**270**	10	**25**	1.0	**25**	1.0	**21**	5.0	**37**	5.0	**35**	20
Hexachlorobutadiene	0.5	< 2.0	2.0	< 0.50	0.50	< 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	**69**	20	**42**	10	**55**	5.0	**49**	5.0	**43**	5.0	**32**	5.0	**48**	20
m&p-Xylenes	5	**17**	10	**110**	20	**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	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
Methyl t-butyl ether (MTBE)		< 10	10	< 1.0	1.0	< 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	< 3.0	3.0	< 10	10	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	<5.0	5.0	< 10	10
Naphthalene	10	**150**	10	**230**	20	**140**	10	**120**	10	**92**	20	**63**	5.0	**49**	5.0	**64**	20
n-Butylbenzene	5	**15**	10	**12**	1.0	**6.8**	10	**15**	1.0	**16**	1.0	**14**	5.0	**11**	5.0	**19**	5.0
n-Propylbenzene	5	**140**	10	**160**	20	**84**	10	**130**	5.0	**130**	5.0	**130**	5.0	**110**	5.0	**140**	20
o-Xylene	5	< 5.0	5.0	**50**	20	**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	**7.4**	1.0	**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	**7.4**	1.0	**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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 5.0	5.0	< 50	50	< 5.0	5.0	< 5.0	5.0	< 25	25	<25	25	< 50	50
Toluene	5	< 5.0	5.0	**15**	1.0	**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	< 5.0	5.0
trans-1,3-Dichloropropene		< 2.5	2.5	< 0.40	0.40	< 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	< 2.5	2.5	< 25	25	< 2.5	2.5	< 2.5	2.5	< 13	13	<13	13	< 50	50
Trichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	< 1.0	1.0	< 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	0.35*	-	-	-	-	-	-	< 0.20	0.20	< 100	100	< 500	500	<500	500	< 1000	1,000
BTEX		**63**		**691**		**530.8**		**39.3**		**39.07**		**28.6**		**49**		**49**	
Total VOCs		**857.50**		**2,765.29**		**1,493.10**		**555.3**		**505.67**		**416.4**		**400.5**		**543.4**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-5)											
		17GW-5		17GW-5		17GW-5		17GW-5		17GW-5		17GW-5	
		8/21/2019		9/10/2019		11/27/2019		10/14/2021		3/28/2022		6/16/2023	
		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
1,1,1,2-Tetrachlorothane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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
1,1-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
1,1-Dichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,1-Dichloropropene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,2,3-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 0.50	0.50	< 0.25	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,2,4-Trimethylbenzene	5	**13**	1.0	**16**	1.0	**22**	1.0	**2.5**	1.0	**13**	2.0	**9.4**	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	< 1.0	1.0	< 0.50	0.50
1,2-Dibromoethane		< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.50	0.50	< 0.25	0.25
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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	< 1.0	1.0	< 0.60	0.60
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	**0.7**	1.0	**1.6**	1.0	**1.5**	1.0	**0.74**	1.0	**3**	2.0	**2.7**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,3-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
2,2-Dichloropropane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
2-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
2-Hexanone (Methyl Butyl Ketone)	50	**5.5**	2.5	**4.5**	2.5	**4.7**	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5
2-Isopropyltoluene	5	**0.47**	1.0	**0.49**	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	**0.39**	1.0
4-Chlorotoluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
4-Methyl-2-Pentanone		**3.3**	2.5	**3**	2.5	**2.8**	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5
Acetone	50	**140**	50	**110**	25	**78**	50	**25**	25	**44**	10	**48**	25
Acrolein	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
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
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
Bromobenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Bromochloromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	**0.67**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		**0.88**	1.0	**0.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Carbon tetrachloride	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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
Chloroethane	5	**0.69**	5.0	**0.79**	5.0	**0.26**	5.0	**0.26**	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	**0.75**	5.0	**0.28**	5.0	< 5.0	5.0	**0.52**	5.0	< 7.0	7.0	< 5.0	5.0
Chloromethane		**0.64**	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	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
cis-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 0.40	0.40
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Dibromomethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Dichlorodifluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Ethylbenzene	5	**1.9**	1.0	**2.9**	1.0	**2.1**	1.0	< 1.0	1.0	< 2.0	2.0	< 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
Isopropylbenzene	5	**1.9**	1.0	**2.3**	1.0	**1.2**	1.0	**0.52**	1.0	< 2.0	2.0	**1.2**	1.0
m&p-Xylenes	5	**1.4**	1.0	**2.2**	1.0	**1.7**	1.0	**0.39**	1.0	**0.6**	2.0	**0.54**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	**40**	13	**35**	25	**19**	2.5	**26**	5.0	**13**	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Methylene chloride	5	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 5.0	5.0	< 3.0	3.0
Naphthalene	10	**10**	1.0	**7.8**	1.0	**12**	1.0	**1.5**	1.0	< 2.0	2.0	**3.2**	1.0
n-Butylbenzene	5	**0.92**	1.0	**1.1**	1.0	**0.46**	1.0	**0.25**	1.0	< 2.0	2.0	**0.28**	1.0
n-Propylbenzene	5	**5.7**	1.0	**6.4**	1.0	**3.2**	1.0	**0.94**	1.0	**0.81**	2.0	**1.2**	1.0
o-Xylene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
p-Isopropyltoluene		**0.32**	1.0	**0.45**	1.0	**0.25**	1.0	< 1.0	1.0	< 2.0	2.0	**0.3**	1.0
sec-Butylbenzene	5	**0.7**	1.0	**0.96**	1.0	**0.31**	1.0	< 1.0	1.0	< 2.0	2.0	**0.29**	1.0
Styrene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
tert- Butylalcohol		< 50	50	< 50	50	< 50	50	< 50	50	< 100	100	-	-
tert-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Tetrachloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 10	10	< 5.0	5.0
Toluene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 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
trans-1,3-Dichloropropene		< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.50	0.50	< 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	< 5.0	5.0	< 2.5	2.5
Trichloroethene	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Trichlorofluoromethane	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Trichlorotrifluoroethane		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
Vinyl Chloride	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 2.0	2.0	< 1.0	1.0
1,4 - dioxane	0.35*	< 100	100	< 100	100	< 100	100	< 0.20	0.20	< 200	200	< 0.20	0.20
BTEX		**3.3**		**5.1**		**3.8**		**0.39**		**0.6**		**0.54**	
Total VOCs		**188.77**		**201.17**		**166.15**		**51.62**		**87.41**		**80.5**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-6)													
		17GW-6 (Baseline)		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6	
		11/13/2017		12/18/2017		3/15/2018		6/14/2018		8/27/2018		12/14/2018		1/30/2019	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	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	< 13	13	< 5.0	5.0	< 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	< 13	13	< 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	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1,2-Trichloroethane	1	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 13	13	< 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	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,1-Dichloropropene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,2,3-Trichlorobenzene		< 20	20	< 1.0	1.0	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,2,3-Trichloropropane	0.04	< 5.0	5.0	< 0.25	0.25	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,2,4-Trichlorobenzene		< 20	20	< 1.0	1.0	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,2,4-Trimethylbenzene	5	**2,300**	200	**1,200**	100	**1,800**	100	**1,700**	25	**260**	5.0	**190**	20	**150**	20
1,2-Dibromo-3-chloropropane	0.04	< 10	10	< 0.50	0.50	< 25	25	< 10	10	< 2.5	2.5	< 2.5	2.5	<2.5	2.5
1,2-Dibromoethane		< 5.0	5.0	< 0.25	0.25	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,2-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 4.7	4.7	< 4.7	4.7	<4.7	4.7
1,2-Dichloroethane	0.6	< 10	10	< 0.60	0.60	< 25	25	< 10	10	< 2.5	2.5	< 2.5	2.5	<2.5	2.5
1,2-Dichloropropane	1	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
1,3,5-Trimethylbenzene	5	**420**	20	**260**	20	**480**	50	**240**	5.0	**59**	5.0	**36**	5.0	**33**	5.0
1,3-Dichlorobenzene	3	< 5.0	5.0	**0.32**	1.0	< 13	13	< 5.0	5.0	< 3.0	3.0	< 3.0	3.0	<3.0	3.0
1,3-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
1,4-Dichlorobenzene	3	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
2,2-Dichloropropane	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
2-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
2-Hexanone (Methyl Butyl Ketone)	50	< 50	50	< 2.5	2.5	< 130	130	< 50	50	< 13	13	< 13	13	<13	13
2-Isopropyltoluene	5	< 5.0	5.0	**3.8**	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
4-Chlorotoluene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
4-Methyl-2-Pentanone		< 50	50	< 2.5	2.5	< 130	130	< 50	50	< 13	13	< 13	13	<13	13
Acetone	50	< 50	50	< 5.0	5.0	< 130	130	< 50	50	< 25	25	< 25	25	<25	25
Acrolein	5	< 50	50	< 5.0	5.0	< 130	130	< 5.0	5.0	< 13	13	< 13	13	<13	13
Acrylonitrile	5	< 50	50	< 5.0	5.0	< 130	130	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Benzene	1	< 5.0	5.0	**6.9**	0.70	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
Bromobenzene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Bromochloromethane	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Bromodichloromethane	50	< 20	20	< 1.0	1.0	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Bromoform	50	< 50	50	< 5.0	5.0	< 50	50	< 50	50	< 25	25	< 25	25	<25	25
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Carbon Disulfide		< 20	20	< 1.0	1.0	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Carbon tetrachloride	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 13	13	< 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	< 13	13	< 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	< 13	13	< 7.0	7.0	< 7.0	7.0	< 7.0	7.0	<7.0	7.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 13	13	< 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	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
cis-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
Dibromochloromethane	50	< 20	20	< 1.0	1.0	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Dibromomethane	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Dichlorodifluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Ethylbenzene	5	**1,200**	200	**990**	100	**1,100**	50	**970**	13	**150**	5.0	**84**	5.0	**150**	5.0
Hexachlorobutadiene	0.5	< 4.0	4.0	< 0.50	0.50	< 10	10	< 4.0	4.0	< 1.0	1.0	< 1.0	1.0	<1.0	1.0
Isopropylbenzene	5	**72**	20	**77**	20	**76**	50	**89**	5.0	**9.9**	5.0	**7**	5.0	**6.9**	5.0
m&p-Xylenes	5	**2,800**	200	**730**	20	**3,500**	100	**1,600**	50	**260**	20	**130**	5.0	**140**	5.0
Methyl Ethyl Ketone (2-Butanone)	50	< 50	50	< 2.5	2.5	< 130	130	< 50	50	< 13	13	< 13	13	<13	13
Methyl t-butyl ether (MTBE)		< 20	20	< 1.0	1.0	< 50	50	< 20	20	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Methylene chloride	5	< 20	20	< 3.0	3.0	< 50	50	< 10	10	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Naphthalene	10	**410**	20	**370**	20	**460**	50	**470**	20	**56**	5.0	**36**	5.0	**39**	5.0
n-Butylbenzene	5	**23**	20	**12**	1.0	**15**	50	**16**	5.0	**3.2**	5.0	**2.6**	5.0	**1.9**	5.0
n-Propylbenzene	5	**180**	20	**170**	20	**200**	50	**160**	5.0	**24**	5.0	**18**	5.0	**17**	5.0
o-Xylene	5	**140**	20	**370**	20	**550**	50	**75**	5.0	**15**	5.0	**9.9**	5.0	**17**	5.0
p-Isopropyltoluene		**9.2**	20	**7.4**	1.0	< 13	13	**10**	5.0	**1.6**	5.0	< 5.0	5.0	<5.0	5.0
sec-Butylbenzene	5	**14**	20	**9.8**	1.0	< 13	13	**11**	5.0	**1.9**	5.0	**1.6**	5.0	**1.3**	5.0
Styrene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
tert- Butylalcohol		-	-	-	-	-	-	< 1000	1,000	< 250	250	< 250	250	<250	250
tert-Butylbenzene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Tetrachloroethene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Tetrahydrofuran (THF)	50	< 50	50	< 5.0	5.0	< 130	130	< 50	50	< 25	25	< 25	25	<25	25
Toluene	5	**5.1**	20	**28**	20	**79**	50	< 5.0	5.0	< 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	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
trans-1,3-Dichloropropene		< 5.0	5.0	< 0.40	0.40	< 13	13	< 5.0	5.0	< 1.3	1.3	< 1.3	1.3	<1.3	1.3
trans-1,4-dichloro-2-butene	5	< 50	50	< 2.5	2.5	< 130	130	< 50	50	< 13	13	< 13	13	<13	13
Trichloroethene	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Trichlorofluoromethane	5	< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Trichlorotrifluoroethane		< 5.0	5.0	< 1.0	1.0	< 13	13	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	<5.0	5.0
Vinyl Chloride	2	< 5.0	5.0	< 1.0	1.0	< 13	13	< 4.0	4.0	< 2.0	2.0	< 2.0	2.0	<2.0	2.0
1,4 - dioxane	0.35*	-	-	-	-	-	-	< 2000	2,000	< 500	500	< 500	500	<500	500
BTEX		**4145.1**		**2124.9**		**5229**		**2645**		**425**		**223.9**		**290**	
Total VOCs		**7,573.3**		**4,235.22**		**8,260**		**5,341**		**840.6**		**515.1**		**539.1**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-6)													
		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6	
		4/3/2019		8/21/2019		9/10/2019		11/27/2019		3/26/2020		6/29/2020		9/29/2020	
		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	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
1,2,3-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	**3.1**	1.0	**120**	20	**62**	5.0	**4.6**	1.0	**3.4**	1.0	**0.92**	1.0	**63**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	5	**0.55**	1.0	**10**	1.0	**4.7**	1.0	< 1.0	1.0	**0.32**	1.0	< 1.0	1.0	**9.6**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	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-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	**3.3**	5.0	**2.6**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.66**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 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	< 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
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	**0.29**	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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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	**3.3**	1.0	**89**	20	**51**	5.0	**4.1**	1.0	**2**	1.0	< 1.0	1.0	**36**	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	< 1.0	1.0	**5.3**	1.0	**3.7**	1.0	**0.29**	1.0	< 1.0	1.0	< 1.0	1.0	**3.1**	1.0
m&p-Xylenes	5	**1**	1.0	**57**	1.0	**53**	5.0	**2.8**	1.0	**2.6**	1.0	**0.3**	1.0	**56**	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)		< 1.0	1.0	< 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	< 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	3.0
Naphthalene	10	< 1.0	1.0	**24**	1.0	**18**	1.0	**1.8**	1.0	< 1.0	1.0	< 1.0	1.0	**15**	1.0
n-Butylbenzene	5	< 1.0	1.0	**0.53**	1.0	**0.39**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.58**	1.0
n-Propylbenzene	5	< 1.0	1.0	**10**	1.0	**6.6**	1.0	**0.48**	1.0	**0.25**	1.0	< 1.0	1.0	**6.8**	1.0
o-Xylene	5	**0.48**	1.0	**4.8**	1.0	**3.3**	1.0	< 1.0	1.0	**0.53**	1.0	< 1.0	1.0	**2**	1.0
p-Isopropyltoluene		< 1.0	1.0	**0.44**	1.0	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.32**	1.0
sec-Butylbenzene	5	< 1.0	1.0	**0.53**	1.0	**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.51**	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	< 50	50	< 50	50
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	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
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		< 0.40	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	0.35*	< 50	50	< 100	100	< 100	100	< 100	100	< 0.20	0.20	< 100	100	< 100	100
BTEX		**4.78**		**150.8**		**107.3**		**6.9**		**5.13**		**0.3**		**94**	
Total VOCs		**8.4**		**324.9**		**206.1**		**15.02**		**9.1**		**1.22**		**192.91**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-6)													
		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6	
		12/11/2020		3/29/2021		6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022	
		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	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
1,2,3-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	< 1.0	1.0	**15**	1.0	**12**	1.0	**1.9**	1.0	**17**	1.0	**2.4**	1.0	**20**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	5	< 1.0	1.0	**1.3**	1.0	**1.6**	1.0	< 1.0	1.0	**2.3**	1.0	< 1.0	1.0	**3.1**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	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-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	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
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		< 1.0	1.0	< 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	< 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
Chloromethane		< 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	< 1.0	1.0	< 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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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	< 1.0	1.0	**9.1**	1.0	**11**	1.0	**0.74**	1.0	**14**	1.0	**1.7**	1.0	**14**	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	< 1.0	1.0	**1.1**	1.0	**1.1**	1.0	< 1.0	1.0	**1.2**	1.0	< 1.0	1.0	**1.5**	1.0
m&p-Xylenes	5	< 1.0	1.0	**11**	1.0	**12**	1.0	**1.5**	1.0	**18**	1.0	**2.3**	1.0	**32**	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)		< 1.0	1.0	< 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	< 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	3.0
Naphthalene	10	< 1.0	1.0	**3.3**	1.0	**4.4**	1.0	< 1.0	1.0	**4.3**	1.0	< 1.0	1.0	**5.6**	1.0
n-Butylbenzene	5	< 1.0	1.0	**0.27**	1.0	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.27**	1.0
n-Propylbenzene	5	< 1.0	1.0	**1.8**	1.0	**1.8**	1.0	**0.25**	1.0	**2**	1.0	**0.29**	1.0	**2.9**	1.0
o-Xylene	5	< 1.0	1.0	**0.8**	1.0	**1.1**	1.0	< 1.0	1.0	**1.3**	1.0	< 1.0	1.0	**1.6**	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	< 1.0	1.0	< 1.0	1.0	**0.35**	1.0	< 1.0	1.0	**0.29**	1.0	< 1.0	1.0	**0.52**	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	< 50	50	-	-
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	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
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		< 0.40	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	0.35*	< 0.20	0.20	< 0.20	0.20	**0.22**	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX		**0**		**20.9**		**24.1**		**2.24**		**33.3**		**4**		**47.6**	
Total VOCs		**0**		**43.67**		**45.88**		**4.39**		**60.39**		**6.69**		**81.49**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (17GW-6)											
		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6		17GW-6	
		9/29/2022		12/14/2022		3/27/2023		6/20/2023		9/14/2023		12/20/2023	
		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
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
1,1,1-Trichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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	< 0.50	0.50	< 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
1,1-Dichloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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
1,1-Dichloropropene	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
1,2,3-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
1,2,3-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
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
1,2,4-Trimethylbenzene	5	**14**	1.0	< 1.0	1.0	**26**	2.0	**24**	1.0	**7.1**	1.0	**13**	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
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
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	**1.9**	1.0	< 1.0	1.0	**4**	1.0	**3.1**	1.0	**0.62**	1.0	**1.3**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
2-Hexanone (Methyl Butyl Ketone)	50	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	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
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
4-Methyl-2-Pentanone		< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Acetone	50	< 5.0	5.0	< 5.0	5.0	< 25	25	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	5	< 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	< 1.0	1.0	< 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
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
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
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Bromomethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 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
Chlorobenzene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroethane	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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
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
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50	< 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
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
Ethylbenzene	5	**8.4**	1.0	< 1.0	1.0	**8.2**	1.0	**5.8**	1.0	**1.2**	1.0	**2.7**	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**1.1**	1.0	< 1.0	1.0	**1.4**	1.0	**1.6**	1.0	**0.8**	1.0	**1**	1.0
m&p-Xylenes	5	**18**	1.0	< 1.0	1.0	**54**	1.0	**32**	1.0	**8.5**	1.0	**8.9**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 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)		< 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	< 3.0	3.0	< 3.0	3.0	< 1.0	1.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**5.6**	1.0	< 1.0	1.0	**11**	1.0	**7.8**	1.0	**2.2**	1.0	**4.6**	1.0
n-Butylbenzene	5	**0.28**	1.0	< 1.0	1.0	< 1.0	1.0	**0.47**	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	5	**2.2**	1.0	< 1.0	1.0	**2.7**	1.0	**3.1**	1.0	**1.3**	1.0	**1.7**	1.0
o-Xylene	5	**1.2**	1.0	< 1.0	1.0	**2.2**	1.0	**2.1**	1.0	**0.79**	1.0	**0.62**	1.0
p-Isopropyltoluene		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**0.35**	1.0	< 1.0	1.0	< 1.0	1.0	**0.57**	1.0	< 1.0	1.0	< 1.0	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
tert- Butylalcohol		-	-	-	-	-	-	-	-	-	-		
tert-Butylbenzene	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
Tetrachloroethene	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
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 2.5	2.5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Toluene	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
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-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
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 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
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
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
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
1,4 - dioxane	0.35*	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.40	0.40
BTEX		**27.6**		**0**		**64.4**		**39.9**		**10.49**		**12.22**	
Total VOCs		**53.03**		**0**		**109.5**		**80.54**		**22.51**		**33.82**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (Duplicates)											
		Duplicate		Duplicate (17GW-6)		Duplicate (17GW-6)		Duplicate (17GW-6)		Duplicate (17GW-6)		Duplicate (17GW-6)	
		12/18/2017		12/19/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020	
		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
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
1,1,1-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
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
1,1,2-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
1,1-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
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
1,1-Dichloropropene	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
1,2,3-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
1,2,3-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
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
1,2,4-Trimethylbenzene	5	**190**	10	**0.31**	1.0	**3.3**	1.0	**0.92**	1.0	**61**	1.0	< 1.0	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
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
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	**21**	1.0	< 1.0	1.0	**0.31**	1.0	< 1.0	1.0	**9.1**	1.0	< 1.0	1.0
1,3-Dichlorobenzene	3	**0.41**	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
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
2-Hexanone (Methyl Butyl Ketone)	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-Isopropyltoluene	5	**1.6**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	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
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
Acetone	50	< 5.0	5.0	**2.8**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acrolein	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
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
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
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
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
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	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
Bromomethane	5	< 5.0	5.0	**0.66**	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 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
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
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
Chloroform	7	< 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		< 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	< 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
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
Ethylbenzene	5	**110**	10	< 1.0	1.0	**1.9**	1.0	**0.3**	1.0	**35**	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
Isopropylbenzene	5	**18**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**2.9**	1.0	< 1.0	1.0
m&p-Xylenes	5	**95**	10	< 1.0	1.0	**2.5**	1.0	**0.36**	1.0	**54**	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
Methyl t-butyl ether (MTBE)		< 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	< 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	**73**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**14**	1.0	< 1.0	1.0
n-Butylbenzene	5	**5.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.39**	1.0	< 1.0	1.0
n-Propylbenzene	5	**43**	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**6.1**	1.0	< 1.0	1.0
o-Xylene	5	**0.33**	1.0	< 1.0	1.0	**0.51**	1.0	< 1.0	1.0	**1.9**	1.0	< 1.0	1.0
p-Isopropyltoluene		**2.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.3**	1.0	< 1.0	1.0
sec-Butylbenzene	5	**3**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.48**	1.0	< 1.0	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
tert- Butylalcohol		-	-	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	**0.48**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	**0.38**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	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
Toluene	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
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
trans-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
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
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
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
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
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
1,4 - dioxane	0.35*	-	-	< 100	100	< 0.20	0.20	< 100	100	< 100	100	< 0.20	0.20
BTEX		**205.33**		**0**		**4.91**		**0.66**		**90.9**		**0**	
Total VOCs		**564.00**		**3.77**		**10.02**		**1.58**		**185.17**		**0.00**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (Duplicates)											
		Duplicate (17GW-6)		Duplicate (17GW-4)		Duplicate (17GW-4)		GW Duplicate		GW Duplicate		GW Duplicate	
		3/29/2021		6/28/2021		9/30/2021		10/14/2021		1/12/2022		3/28/2022	
		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
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
1,1,1-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
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
1,1,2-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
1,1-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
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
1,1-Dichloropropene	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
1,2,3-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
1,2,3-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
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
1,2,4-Trimethylbenzene	5	**16**	1.0	**14**	1.0	**29**	1.0	**2.6**	1.0	**20**	1.0	**40**	5.0
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
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
1,2-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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
1,2-Dichloropropane	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
1,3,5-Trimethylbenzene	5	**1.4**	1.0	**4.6**	1.0	**1.1**	1.0	< 1.0	1.0	**2.7**	1.0	**3.5**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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
1,4-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
2-Hexanone (Methyl Butyl Ketone)	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-Isopropyltoluene	5	< 1.0	1.0	**1.2**	1.0	**3.6**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	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
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
Acetone	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
Acrolein	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
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
Benzene	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	**0.33**	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
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
Bromodichloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	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
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
Carbon Disulfide		< 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
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
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
Chloroform	7	< 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		< 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	< 1.0	1.0	**0.42**	1.0	**0.65**	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
Dibromochloromethane	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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
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
Ethylbenzene	5	**9.1**	1.0	**0.7**	1.0	**2.3**	1.0	**2.1**	1.0	**17**	1.0	**8**	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
Isopropylbenzene	5	**1**	1.0	**5.3**	1.0	**18**	1.0	**0.47**	1.0	**1.4**	1.0	**4.1**	1.0
m&p-Xylenes	5	**11**	1.0	**0.25**	1.0	**0.56**	1.0	**0.64**	1.0	**22**	1.0	**27**	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
Methyl t-butyl ether (MTBE)		< 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	< 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	**3.2**	1.0	**2.1**	1.0	< 1.0	1.0	< 1.0	1.0	**5.5**	1.0	**14**	1.0
n-Butylbenzene	5	< 1.0	1.0	**3.1**	1.0	**10**	1.0	< 1.0	1.0	**0.27**	1.0	**0.46**	1.0
n-Propylbenzene	5	**1.7**	1.0	**12**	1.0	**42**	5.0	**0.94**	1.0	**2.3**	1.0	**4.9**	1.0
o-Xylene	5	**0.78**	1.0	< 1.0	1.0	**0.25**	1.0	< 1.0	1.0	**1.6**	1.0	**4.8**	1.0
p-Isopropyltoluene		< 1.0	1.0	**0.7**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	< 1.0	1.0	**2.5**	1.0	**8**	1.0	< 1.0	1.0	**0.31**	1.0	**0.88**	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
tert- Butylalcohol		< 50	50	< 50	50	< 50	50	< 50	50	< 50	50	< 50	50
tert-Butylbenzene	5	< 1.0	1.0	**0.38**	1.0	**1.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	5	< 1.0	1.0	**1.1**	1.0	**0.85**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	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
Toluene	5	< 1.0	1.0	< 1.0	1.0	**0.31**	1.0	< 1.0	1.0	< 1.0	1.0	**0.7**	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
trans-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
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
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
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
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
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
1,4 - dioxane	0.35*	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.40	0.40
BTEX		**20.88**		**0.95**		**3.42**		**2.74**		**40.6**		**40.83**	
Total VOCs		**44.18**		**48.35**		**118.02**		**6.75**		**73.08**		**108.67**	

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

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

Compound	NYSDEC Groundwater Quality Standards	Quarterly Groundwater Sampling (Duplicates)													
		GW Duplicate		GW Duplicate		GW Duplicate		GW Duplicate (17GW-6)		GW Duplicate (17GW-2)		GW Duplicate (17GW-2)		GW Duplicate (17GW-6)	
		7/21/2022		9/29/2022		12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
		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	< 1.0	1.0	< 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	< 0.50	0.50	< 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	< 1.0	1.0	< 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	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
1,2,3-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	**19**	1.0	**2**	1.0	< 1.0	1.0	**29**	2.0	**1.1**	1.0	< 1.0	1.0	**14**	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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-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	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
1,3,5-Trimethylbenzene	5	**6.3**	1.0	**0.34**	1.0	< 1.0	1.0	**4**	1.0	< 1.0	1.0	< 1.0	1.0	**1.4**	1.0
1,3-Dichlorobenzene	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-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	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
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)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
2-Isopropyltoluene	5	**0.88**	1.0	**1.8**	1.0	**0.52**	1.0	< 1.0	1.0	**0.27**	1.0	**2.2**	1.0	< 1.0	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	< 5.0	5.0	< 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	< 25	25	**46**	25	**2.8**	5.0	< 5.0	5.0
Acrolein	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
Acrylonitrile	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromoform	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 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	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon Disulfide		< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 5.0	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	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	< 1.0	1.0	< 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	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloroform	7	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Chloromethane		< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
cis-1,2-Dichloroethene	5	< 1.0	1.0	**0.34**	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	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 0.50	0.50	< 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	**2.3**	1.0	**0.71**	1.0	< 1.0	1.0	**8.1**	1.0	< 1.0	1.0	< 1.0	1.0	**2.7**	1.0
Hexachlorobutadiene	0.5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.40	0.40	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Isopropylbenzene	5	**3**	1.0	**3.5**	1.0	**0.78**	1.0	**1.4**	1.0	**1.1**	1.0	**2.2**	1.0	**1.1**	1.0
m&p-Xylenes	5	**31**	1.0	**0.43**	1.0	< 1.0	1.0	**53**	1.0	< 1.0	1.0	< 1.0	1.0	**9**	1.0
Methyl Ethyl Ketone (2-Butanone)	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	**9.9**	2.5	< 2.5	2.5	< 2.5	2.5
Methyl t-butyl ether (MTBE)		< 1.0	1.0	< 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	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0	< 1.0	1.0	< 3.0	3.0	< 3.0	3.0	< 3.0	3.0
Naphthalene	10	**7.7**	1.0	< 1.0	1.0	< 1.0	1.0	**11**	1.0	< 1.0	1.0	< 1.0	1.0	**4.4**	1.0
n-Butylbenzene	5	**0.59**	1.0	**0.4**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.82**	1.0	< 1.0	1.0
n-Propylbenzene	5	**3.3**	1.0	**2**	1.0	**0.31**	1.0	**2.8**	1.0	**0.4**	1.0	**1.7**	1.0	**1.8**	1.0
o-Xylene	5	**3.4**	1.0	< 1.0	1.0	< 1.0	1.0	**2.2**	1.0	< 1.0	1.0	< 1.0	1.0	**0.62**	1.0
p-Isopropyltoluene		**0.44**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	5	**2.3**	1.0	**1.9**	1.0	**1**	1.0	< 1.0	1.0	**0.93**	1.0	**4.6**	1.0	< 1.0	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		-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	5	< 1.0	1.0	**0.61**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	**0.71**	1.0	< 1.0	1.0
Tetrachloroethene	5	< 1.0	1.0	**0.59**	1.0	**0.89**	1.0	< 1.0	1.0	< 1.0	1.0	**0.98**	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 2.5	2.5	**57**	25	< 5.0	5.0	< 5.0	5.0
Toluene	5	**0.34**	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 1.0	1.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
trans-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
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5.0	< 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	0.35*	< 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
BTEX		**37.04**		**1.14**		**0**		**63.3**		**0**		**0**		**12.32**	
Total VOCs		**80.55**		**14.62**		**3.50**		**111.50**		**116.70**		**16.01**		**35.02**	

Notes:
RL- Reporting Limit
Bold/highlighted- indicated exceedance of the NYSDEC Groundwater Standard
* - NYSDEC Regulatory Limit

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW1)													
	17GW1		17GW1		17GW1		17GW1		17GW1		17GW1		17GW1	
	12/19/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020		3/29/2021		6/28/2021	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**6.19**	1.82	ND	1.77	**2.03**	1.87	**0.867J**	1.88	ND	1.92	ND	2.04	**5.15**	1.98
Perfluoropentanoic Acid (PFPeA)	**4.96**	1.82	**1.77**	1.77	**4.19**	1.87	**3.46**	1.88	**11.9**	1.92	**6.35**	2.04	**5.43**	1.98
Perfluorobutanesulfonic Acid (PFBS)	**1.11J**	1.82	**1.50J**	1.77	**1.31J**	1.87	**1.08J**	1.88	ND	1.92	**2.51**	2.04	**3.16**	1.98
Perfluorohexanoic Acid (PFHxA)	**4.81**	1.82	**1.03J**	1.77	**5.49**	1.87	**3.48**	1.88	**6.71F**	1.92	**4.88**	2.04	**5.66**	1.98
Perfluoroheptanoic Acid (PFHpA)	**5**	1.82	**1.01J**	1.77	**3.67**	1.87	**3.88**	1.88	**4.76**	1.92	**4.26**	2.04	**4.9**	1.98
Perfluorohexanesulfonic Acid (PFHxS)	**3.36**	1.82	**1.42J**	1.77	**2.52**	1.87	**2.42**	1.88	ND	1.92	**3.35**	2.04	**3.41**	1.98
Perfluorooctanoic Acid (PFOA)	**30.3**	1.82	**14.9**	1.77	**19.3**	1.87	**19.9**	1.88	**25.6F**	1.92	**20.6**	2.04	**19.1**	1.98
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.82	ND	1.77	**2.41**	1.87	ND	1.88	**33.8F**	1.92	**14.9**	2.04	**7.02**	1.98
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	ND	1.92	ND	2.04	ND	1.98
Perfluorononanoic Acid (PFNA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	ND	1.92	**0.649J**	2.04	ND	1.98
Perfluorooctanesulfonic Acid (PFOS)	ND	1.82	**0.629J**	1.77	**0.930J**	1.87	**0.535J**	1.88	ND	1.92	**0.812JF**	2.04	**1.28J**	1.98
Perfluorodecanoic Acid (PFDA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	**0.500JF**	1.92	ND	2.04	ND	1.98
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	ND	1.92	ND	2.04	ND	1.98
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	**0.627JF**	1.92	ND	2.04	ND	1.98
Perfluoroundecanoic Acid (PFUnA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	ND	1.92	ND	2.04	ND	1.98
Perfluorodecanesulfonic Acid (PFDS)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	ND	1.92	ND	2.04	ND	1.98
Perfluorooctanesulfonamide (FOSA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	ND	1.92	ND	2.04	ND	1.98
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	**1.34JF**	1.92	ND	2.04	ND	1.98
Perfluorododecanoic Acid (PFDoA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	**0.369J**	1.92	ND	2.04	ND	1.98
Perfluorotridecanoic Acid (PFTrDA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	**0.743J**	1.92	ND	2.04	ND	1.98
Perfluorotetradecanoic Acid (PFTA)	ND	1.82	ND	1.77	ND	1.87	ND	1.88	**0.670JF**	1.92	ND	2.04	ND	1.98
PFOA/PFOS, Total	**30.3**		**15.529**		**20.23**		**20.435**		**25.6**		**21.412**		**19.912**	
Total Compounds	**55.73**		**22.259**		**41.85**		**35.622**		**87.019**		**58.311**		**55.291**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW1)													
	17GW1		17GW1		17GW1		17GW1		17GW1		17GW1		17GW1	
	7/21/2022		9/29/2022		12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	ND	2.21	**10.2**	1.94	**14.7**	2.47	**7.32**	1.78	**14.6**	1.89	ND	1.74	**12.0J**	20
Perfluoropentanoic Acid (PFPeA)	**2.84**	2.21	**7.5**	1.94	**11.3**	2.47	**6.37**	1.78	**14.5**	1.89	**0.469J**	1.74	**20.6**	20
Perfluorobutanesulfonic Acid (PFBS)	**5.51F**	2.21	**3.58**	1.94	**4.54**	2.47	**3.28**	1.78	**4.5**	1.89	ND	1.74	**8.36J**	20
Perfluorohexanoic Acid (PFHxA)	**2.29**	2.21	**5.2**	1.94	**5.59**	2.47	**3.27**	1.78	**6.86**	1.89	**0.438J**	1.74	**13.5J**	20
Perfluoroheptanoic Acid (PFHpA)	**2.78**	2.21	**4.26**	1.94	**5.06**	2.47	**3.6**	1.78	**6.58**	1.89	**0.323JF**	1.74	**13.3J**	20
Perfluorohexanesulfonic Acid (PFHxS)	**2.23F**	2.21	**2.83**	1.94	**3.7**	2.47	**2.69**	1.78	**3.71**	1.89	ND	1.74	**4.20J**	20
Perfluorooctanoic Acid (PFOA)	**18.5**	2.21	**18.1**	1.94	**18.8**	2.47	**15.5**	1.78	**22.7**	1.89	**0.448J**	1.74	**36**	20
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**17.4**	2.21	**3.2**	1.94	**174**	2.47	**6.72**	1.78	**76.1**	1.89	ND	1.74	**24.2**	20
Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorononanoic Acid (PFNA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorooctanesulfonic Acid (PFOS)	ND	2.21	**4.47**	1.94	**1.80J**	2.47	**1.12J**	1.78	**3**	1.89	ND	1.74	ND	20
Perfluorodecanoic Acid (PFDA)	ND	2.21	**0.450J**	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluoroundecanoic Acid (PFUnA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorodecanesulfonic Acid (PFDS)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorooctanesulfonamide (FOSA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.21	**0.974J**	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorododecanoic Acid (PFDoA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorotridecanoic Acid (PFTrDA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
Perfluorotetradecanoic Acid (PFTA)	ND	2.21	ND	1.94	ND	2.47	ND	1.78	ND	1.89	ND	1.74	ND	20
PFOA/PFOS, Total	**18.5**		**22.6**		**20.6J**		**16.6J**		**25.7**		**0.448J**		**36**	
Total Compounds	**51.55**		**60.764**		**239.49**		**49.87**		**152.55**		**1.678**		**132.16**	

Notes:

DL- Detection Limit

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J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW2)											
	17GW2		17GW2		17GW2		17GW2		17GW2		17GW2	
	12/19/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020		3/29/2021	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**12.9**	1.76	**4.91**	1.79	**5.2**	1.79	**6.47**	1.9	ND	1.78	**72.1**	1.81
Perfluoropentanoic Acid (PFPeA)	**10.4**	1.76	**5.42**	1.79	**5.65**	1.79	**5.29**	1.9	**6.16**	1.78	**7.46**	1.81
Perfluorobutanesulfonic Acid (PFBS)	**2.64**	1.76	**2**	1.79	**1.65J**	1.79	**1.31J**	1.9	**1.65J**	1.78	**1.32JF**	1.81
Perfluorohexanoic Acid (PFHxA)	**9.18**	1.76	**5.63**	1.79	**5.96**	1.79	**5.41**	1.9	**4.85**	1.78	**2.52**	1.81
Perfluoroheptanoic Acid (PFHpA)	**4.45**	1.76	**4.87**	1.79	**4.56**	1.79	**5.02**	1.9	**3.94**	1.78	**1.87**	1.81
Perfluorohexanesulfonic Acid (PFHxS)	**2.31**	1.76	**2.65**	1.79	**2.59**	1.79	**2.78**	1.9	**3.00F**	1.78	**1.24J**	1.81
Perfluorooctanoic Acid (PFOA)	**20**	1.76	**23.1**	1.79	**19.7**	1.79	**23**	1.9	**23.1F**	1.78	**12.6**	1.81
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**1.47J**	1.76	ND	1.79	ND	1.79	**1.36J**	1.9	**41.5F**	1.78	**1.31J**	1.81
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluorononanoic Acid (PFNA)	**0.282J**	1.76	**0.391J**	1.79	ND	1.79	ND	1.9	**0.314J**	1.78	**0.554J**	1.81
Perfluorooctanesulfonic Acid (PFOS)	**0.535J**	1.76	**0.606J**	1.79	**0.986J**	1.79	**0.878J**	1.9	**1.22JF**	1.78	**1.57J**	1.81
Perfluorodecanoic Acid (PFDA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluoroundecanoic Acid (PFUnA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluorodecanesulfonic Acid (PFDS)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluorooctanesulfonamide (FOSA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluorododecanoic Acid (PFDoA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluorotridecanoic Acid (PFTrDA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
Perfluorotetradecanoic Acid (PFTA)	ND	1.76	ND	1.79	ND	1.79	ND	1.9	ND	1.78	ND	1.81
PFOA/PFOS, Total	**20.535**		**23.706**		**20.686**		**23.878**		**24.32**		**14.17**	
Total Compounds	**64.167**		**49.577**		**46.296**		**51.518**		**85.734**		**102.544**	

Notes:

DL- Detection Limit

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J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW2)											
	17GW2		17GW2		17GW2		17GW2		17GW2		17GW2	
	6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022		9/29/2022	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	ND	1.96	ND	2.39	ND	1.73	**25.8**	1.99	**19.5**	1.78	**9.93**	2
Perfluoropentanoic Acid (PFPeA)	**2.93**	1.96	**5.25**	2.39	**5.42**	1.73	**6.34**	1.99	**7**	1.78	**1.64J**	2
Perfluorobutanesulfonic Acid (PFBS)	**0.915J**	1.96	**1.85J**	2.39	**1.53**	1.73	**1.74J**	1.99	**0.818J**	1.78	**0.816J**	2
Perfluorohexanoic Acid (PFHxA)	**2**	1.96	**2.24J**	2.39	**1.68**	1.73	**3.65**	1.99	**1.50J**	1.78	**1.29JF**	2
Perfluoroheptanoic Acid (PFHpA)	**2.02**	1.96	**2.34J**	2.39	**2.08**	1.73	**2.58**	1.99	**1.50J**	1.78	**1.04J**	2
Perfluorohexanesulfonic Acid (PFHxS)	**1.45J**	1.96	**1.30J**	2.39	**1.37**	1.73	**1.19J**	1.99	**1.34J**	1.78	**0.948J**	2
Perfluorooctanoic Acid (PFOA)	**13.1**	1.96	**10.8**	2.39	**7.85**	1.73	**12.8**	1.99	**7.03**	1.78	**5.74**	2
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**1.45J**	1.96	ND	2.39	**6.04**	1.73	ND	1.99	**2.21**	1.78	ND	2
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorononanoic Acid (PFNA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorooctanesulfonic Acid (PFOS)	**1.15J**	1.96	**1.02J**	2.39	**0.998**	1.73	**0.865J**	1.99	**1.18J**	1.78	**1.16J**	2
Perfluorodecanoic Acid (PFDA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluoroundecanoic Acid (PFUnA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorodecanesulfonic Acid (PFDS)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorooctanesulfonamide (FOSA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorododecanoic Acid (PFDoA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorotridecanoic Acid (PFTrDA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
Perfluorotetradecanoic Acid (PFTA)	ND	1.96	ND	2.39	ND	1.73	ND	1.99	ND	1.78	ND	2
PFOA/PFOS, Total	**14.67**		**11.82**		**8.85**		**13.665**		**1.78**		**6.9 J**	
Total Compounds	**26.044**		**24.8**		**26.968**		**54.965**		**42.078**		**22.564**	

Notes:

DL- Detection Limit

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J- The value is estimated.

ND- Not Detected

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Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW2)									
	17GW2		17GW2		17GW2		17GW2		17GW2	
	12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
	ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**12.2**	2.02	ND	1.79	ND	1.78	ND	1.72	**5.7**	1.79
Perfluoropentanoic Acid (PFPeA)	**10.7**	2.02	**1.34J**	1.79	ND	1.78	**2.3**	1.72	**3.68**	1.79
Perfluorobutanesulfonic Acid (PFBS)	**3.25**	2.02	**0.876J**	1.79	ND	1.78	**1.02J**	1.72	**1.62J**	1.79
Perfluorohexanoic Acid (PFHxA)	**2.86**	2.02	**1.38JF**	1.79	**0.415J**	1.78	**1.23JF**	1.72	**2.84**	1.79
Perfluoroheptanoic Acid (PFHpA)	**1.30J**	2.02	**0.893J**	1.79	**0.341J**	1.78	**0.714J**	1.72	**2.78**	1.79
Perfluorohexanesulfonic Acid (PFHxS)	**1.32J**	2.02	**0.558J**	1.79	ND	1.78	**0.755J**	1.72	**0.922J**	1.79
Perfluorooctanoic Acid (PFOA)	**9.97**	2.02	**3.7**	1.79	**2.47**	1.78	**3.46**	1.72	**14**	1.79
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**1.91J**	2.02	**2.74**	1.79	**18.5**	1.78	**1.93**	1.72	ND	1.79
Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorononanoic Acid (PFNA)	**0.411JF**	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorooctanesulfonic Acid (PFOS)	**1.68J**	2.02	**0.750J**	1.79	**0.607JF**	1.78	**0.772J**	1.72	**0.733J**	1.79
Perfluorodecanoic Acid (PFDA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluoroundecanoic Acid (PFUnA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorodecanesulfonic Acid (PFDS)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorooctanesulfonamide (FOSA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorododecanoic Acid (PFDoA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorotridecanoic Acid (PFTrDA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
Perfluorotetradecanoic Acid (PFTA)	ND	2.02	ND	1.79	ND	1.78	ND	1.72	ND	1.79
PFOA/PFOS, Total	**11.7J**		**4.45J**		**3.08J**		**4.23J**		**14.7J**	
Total Compounds	**45.601**		**12.237**		**22.333**		**12.181**		**32.275**	

Notes:

DL- Detection Limit

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J- The value is estimated.

ND- Not Detected

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Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW3)															
	17GW3		17GW3		17GW3		17GW3		17GW3		17GW3		17GW3		17GW3	
	12/19/2019		10/14/2021		1/12/2022		3/28/2022		7/21/2022		9/29/2022		12/14/2022		3/27/2023	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**17.8**	1.8	**4.88**	1.72	**3.23**	1.72	**2.76**	1.97	**5.7**	1.77	**6.31**	1.89	**4.76**	1.91	**1.18J**	1.85
Perfluoropentanoic Acid (PFPeA)	**12.8**	1.8	**3.86**	1.72	**3.21**	1.72	**1.37J**	1.97	**2.98**	1.77	**2**	1.89	**3.54**	1.91	**0.366J**	1.85
Perfluorobutanesulfonic Acid (PFBS)	**3.67**	1.8	**2.59F**	1.72	**1.12**	1.72	**0.872J**	1.97	**0.871J**	1.77	**0.826J**	1.89	**0.950J**	1.91	**0.699J**	1.85
Perfluorohexanoic Acid (PFHxA)	**15.2**	1.8	**3.2**	1.72	**1.77**	1.72	**0.927J**	1.97	**1.87**	1.77	**1.08JF**	1.89	**1.52J**	1.91	ND	1.85
Perfluoroheptanoic Acid (PFHpA)	**12.1**	1.8	**4.08**	1.72	**2.54**	1.72	**1.28J**	1.97	**1.30J**	1.77	**1.23J**	1.89	**1.74J**	1.91	**0.270J**	1.85
Perfluorohexanesulfonic Acid (PFHxS)	**5.1**	1.8	**2.9**	1.72	**2.9**	1.72	**2.45**	1.97	**1.84**	1.77	**1.71J**	1.89	**2.04**	1.91	**1.59J**	1.85
Perfluorooctanoic Acid (PFOA)	**104**	1.8	**40.2**	1.72	**27.9**	1.72	**14.6**	1.97	**13.1**	1.77	**11.3**	1.89	**12.7**	1.91	**4.44**	1.85
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.8	**3.38**	1.72	**6.76**	1.72	ND	1.97	**2.4**	1.77	ND	1.89	**12.3**	1.91	**2.2**	1.85
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorononanoic Acid (PFNA)	ND	1.8	**0.404J**	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorooctanesulfonic Acid (PFOS)	**2.16**	1.8	**3.16**	1.72	**3.3**	1.72	**1.63J**	1.97	**1.85**	1.77	**1.37J**	1.89	**1.43J**	1.91	**1.01J**	1.85
Perfluorodecanoic Acid (PFDA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluoroundecanoic Acid (PFUnA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorodecanesulfonic Acid (PFDS)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorododecanoic Acid (PFDoA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorotridecanoic Acid (PFTrDA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
Perfluorotetradecanoic Acid (PFTA)	ND	1.8	ND	1.72	ND	1.72	ND	1.97	ND	1.77	ND	1.89	ND	1.91	ND	1.85
PFOA/PFOS, Total	**106.16**		**43.36**		**31.2**		**16.2J**		**15**		**12.7 J**		**14.1J**		**5.45J**	
Total Compounds	**172.83**		**68.654**		**49.43**		**25.889**		**31.911**		**25.826**		**40.98**		**11.755**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW4)											
	17GW4		17GW4		17GW4		17GW4		17GW4		17GW4	
	12/19/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020		3/29/2021	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**30.4**	1.74	**63.9**	1.79	**2.09**	1.82	**13.5**	1.96	**24**	1.86	**4.47**	1.92
Perfluoropentanoic Acid (PFPeA)	**21.5**	1.74	**24.9**	1.79	**3.54**	1.82	**18.1**	1.96	**34.6**	1.86	**5.72**	1.92
Perfluorobutanesulfonic Acid (PFBS)	**7.98**	1.74	**6.74**	1.79	**0.474J**	1.82	**3.21**	1.96	**12.2**	1.86	**2.06**	1.92
Perfluorohexanoic Acid (PFHxA)	**19**	1.74	**18.8**	1.79	**4**	1.82	**10.6**	1.96	**23.3**	1.86	**3.95**	1.92
Perfluoroheptanoic Acid (PFHpA)	**13**	1.74	**14.3**	1.79	**1.45J**	1.82	**2.64**	1.96	**8.54**	1.86	**1.66J**	1.92
Perfluorohexanesulfonic Acid (PFHxS)	**4.21**	1.74	**4.22**	1.79	**0.463J**	1.82	**0.574J**	1.96	**2.52**	1.86	**0.538J**	1.92
Perfluorooctanoic Acid (PFOA)	**84.6**	1.74	**96**	1.79	**14.3**	1.82	**7.68**	1.96	**41.5F**	1.86	**7.85**	1.92
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	**35.6F**	1.86	ND	1.92
Perfluoroheptanesulfonic Acid (PFHpS)	**0.644J**	1.74	**1.42J**	1.79	ND	1.82	ND	1.96	**0.713J**	1.86	ND	1.92
Perfluorononanoic Acid (PFNA)	**3.35**	1.74	**3.4**	1.79	**1.63J**	1.82	**1.33J**	1.96	**3.4**	1.86	**1.62J**	1.92
Perfluorooctanesulfonic Acid (PFOS)	**60.5**	1.74	**68.3**	1.79	**35.5**	1.82	**32.6F**	1.96	**62.2F**	1.86	**22**	1.92
Perfluorodecanoic Acid (PFDA)	**0.286J**	1.74	ND	1.79	**0.649J**	1.82	**0.763J**	1.96	**1.06J**	1.86	ND	1.92
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
Perfluoroundecanoic Acid (PFUnA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
Perfluorodecanesulfonic Acid (PFDS)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
Perfluorooctanesulfonamide (FOSA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
Perfluorododecanoic Acid (PFDoA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
Perfluorotridecanoic Acid (PFTrDA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
Perfluorotetradecanoic Acid (PFTA)	ND	1.74	ND	1.79	ND	1.82	ND	1.96	ND	1.86	ND	1.92
PFOA/PFOS, Total	**145.1**		**164.3**		**49.8**		**40.28**		**103.7**		**29.85**	
Total Compounds	**245.47**		**301.98**		**64.096**		**90.997**		**249.633**		**49.868**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW4)											
	17GW4		17GW4		17GW4		17GW4		17GW4		17GW4	
	6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022		9/29/2022	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**16.8**	1.92	**22.8**	1.86	**19.2**	1.71	**23.6**	1.89	**37.7**	1.75	**33.6**	1.9
Perfluoropentanoic Acid (PFPeA)	**21.1**	1.92	**20**	1.86	**19.8**	1.71	**12.2**	1.89	**23.6**	1.75	**18.3**	1.9
Perfluorobutanesulfonic Acid (PFBS)	**5.56**	1.92	**5.14**	1.86	**7.13**	1.71	**8.12**	1.89	**8.54**	1.75	**5.91**	1.9
Perfluorohexanoic Acid (PFHxA)	**13.5**	1.92	**12.9**	1.86	**15**	1.71	**8.67**	1.89	**15.8**	1.75	**11.4**	1.9
Perfluoroheptanoic Acid (PFHpA)	**4.32**	1.92	**4.19**	1.86	**7.77**	1.71	**3.79**	1.89	**3.74**	1.75	**4.4**	1.9
Perfluorohexanesulfonic Acid (PFHxS)	**1.42J**	1.92	**1.52J**	1.86	**2.38**	1.71	**1.35J**	1.89	**1.45J**	1.75	**2.23**	1.9
Perfluorooctanoic Acid (PFOA)	**19.7**	1.92	**30.8**	1.86	**43.8**	1.71	**22.7**	1.89	**26.2**	1.75	**31.8**	1.9
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.92	ND	1.86	**4.41**	1.71	ND	1.89	**2.83**	1.75	ND	1.9
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluorononanoic Acid (PFNA)	**1.02J**	1.92	**5.55**	1.86	**3.45**	1.71	**2.55F**	1.89	**0.758J**	1.75	**0.959J**	1.9
Perfluorooctanesulfonic Acid (PFOS)	**25.6**	1.92	**142**	1.86	**109**	1.71	**53.9**	1.89	**32.2**	1.75	**22.2**	1.9
Perfluorodecanoic Acid (PFDA)	**0.423JF**	1.92	**0.724J**	1.86	**0.752**	1.71	**0.581J**	1.89	**0.678J**	1.75	**0.811J**	1.9
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluoroundecanoic Acid (PFUnA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluorooctanesulfonamide (FOSA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluorododecanoic Acid (PFDoA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluorotridecanoic Acid (PFTrDA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
Perfluorotetradecanoic Acid (PFTA)	ND	1.92	ND	1.86	ND	1.71	ND	1.89	ND	1.75	ND	1.9
PFOA/PFOS, Total	**41.7**		**172.8**		**153**		**76.6**		**58.4**		**54**	
Total Compounds	**110.398**		**245.624**		**232.692**		**137.461**		**153.496**		**131.61**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW4)									
	17GW4		17GW4		17GW4		17GW4		17GW4	
	12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
	ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**158**	1.94	**121**	1.77	**129**	1.71	**116**	1.7	**35.7**	1.77
Perfluoropentanoic Acid (PFPeA)	**53.4**	1.94	**66.1**	1.77	**87.6**	1.71	**75.7**	1.7	**49.3**	1.77
Perfluorobutanesulfonic Acid (PFBS)	**10.7**	1.94	**10.7**	1.77	**10.3**	1.71	**14.8**	1.7	**52.4**	1.77
Perfluorohexanoic Acid (PFHxA)	**23.5**	1.94	**32.8**	1.77	**38.7**	1.71	**37.2**	1.7	**35.2**	1.77
Perfluoroheptanoic Acid (PFHpA)	**3.94**	1.94	**5.25**	1.77	**6.7**	1.71	**7.28**	1.7	**11.6**	1.77
Perfluorohexanesulfonic Acid (PFHxS)	**1.44J**	1.94	**1.75J**	1.77	**1.8**	1.71	**1.98**	1.7	**2.62**	1.77
Perfluorooctanoic Acid (PFOA)	**28.5**	1.94	**27.9**	1.77	**30**	1.71	**27.3**	1.7	**32.6**	1.77
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**8.16**	1.94	**3.5**	1.77	**26.3**	1.71	**1.43J**	1.7	ND	1.77
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.94	**0.651J**	1.77	**0.663J**	1.71	ND	1.7	ND	1.77
Perfluorononanoic Acid (PFNA)	**1.04J**	1.94	**1.48JF**	1.77	**2.36**	1.71	**2.77**	1.7	**6.81**	1.77
Perfluorooctanesulfonic Acid (PFOS)	**27.4**	1.94	**25.4**	1.77	**33.7**	1.71	**57.3**	1.7	**166**	1.77
Perfluorodecanoic Acid (PFDA)	**0.935J**	1.94	**0.814JF**	1.77	**0.766JF**	1.71	**0.292J**	1.7	**5.91**	1.77
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
Perfluoroundecanoic Acid (PFUnA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
Perfluorodecanesulfonic Acid (PFDS)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
Perfluorooctanesulfonamide (FOSA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
Perfluorododecanoic Acid (PFDoA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
Perfluorotridecanoic Acid (PFTrDA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
Perfluorotetradecanoic Acid (PFTA)	ND	1.94	ND	1.77	ND	1.71	ND	1.7	ND	1.77
PFOA/PFOS, Total	**55.9**		**53.3**		**63.7**		**84.6**		**199**	
Total Compounds	**317.015**		**297.345**		**367.889**		**342.052**		**398.14**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW5)					
	17GW5		17GW5		17GW5	
	12/19/2019		3/28/2022		6/16/2023	
	ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**60.8**	1.87	**26.6**	2.15	**30.6**	1.89
Perfluoropentanoic Acid (PFPeA)	**22.9**	1.87	**40.1**	2.15	**71.1**	1.89
Perfluorobutanesulfonic Acid (PFBS)	**6.37**	1.87	**9.57**	2.15	**10.5**	1.89
Perfluorohexanoic Acid (PFHxA)	**26.9**	1.87	**50.7**	2.15	**79.5**	1.89
Perfluoroheptanoic Acid (PFHpA)	**25**	1.87	**36.4**	2.15	**40.2**	1.89
Perfluorohexanesulfonic Acid (PFHxS)	**10.1**	1.87	**11.3**	2.15	**11.2**	1.89
Perfluorooctanoic Acid (PFOA)	**87.6**	1.87	**89.3**	2.15	**96.4**	1.89
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.87	**1.95J**	2.15	**66.9**	1.89
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.87	ND	2.15	ND	1.89
Perfluorononanoic Acid (PFNA)	**0.992J**	1.87	**0.404JF**	2.15	**0.428J**	1.89
Perfluorooctanesulfonic Acid (PFOS)	**5.01**	1.87	**2.04J**	2.15	**1.66J**	1.89
Perfluorodecanoic Acid (PFDA)	ND	1.87	ND	2.15	ND	1.89
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.87	ND	2.15	ND	1.89
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.87	ND	2.15	ND	1.89
Perfluoroundecanoic Acid (PFUnA)	ND	1.87	ND	2.15	ND	1.89
Perfluorodecanesulfonic Acid (PFDS)	ND	1.87	ND	2.15	ND	1.89
Perfluorooctanesulfonamide (FOSA)	ND	1.87	ND	2.15	ND	1.89
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.87	ND	2.15	ND	1.89
Perfluorododecanoic Acid (PFDoA)	ND	1.87	ND	2.15	ND	1.89
Perfluorotridecanoic Acid (PFTrDA)	ND	1.87	ND	2.15	ND	1.89
Perfluorotetradecanoic Acid (PFTA)	ND	1.87	ND	2.15	ND	1.89
PFOA/PFOS, Total	**92.61**		**91.3J**		**98.1J**	
Total Compounds	**245.672**		**268.364**		**408.488**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW-6)											
	17GW6		17GW6		17GW6		17GW6		17GW6		17GW6	
	12/19/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020		3/29/2021	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**15**	1.76	**5.08**	1.75	**1.29J**	1.81	**0.521J**	1.93	ND	1.81	**2.37**	1.82
Perfluoropentanoic Acid (PFPeA)	**3.3**	1.76	**1.15J**	1.75	**1.29J**	1.81	**0.907J**	1.93	**1.13J**	1.81	**0.708J**	1.82
Perfluorobutanesulfonic Acid (PFBS)	**1.47J**	1.76	**0.385J**	1.75	**1.88**	1.81	**0.374J**	1.93	**0.453J**	1.81	**0.945J**	1.82
Perfluorohexanoic Acid (PFHxA)	**2.78**	1.76	**1.00J**	1.75	**1.14J**	1.81	**0.834J**	1.93	**0.508J**	1.81	**0.598J**	1.82
Perfluoroheptanoic Acid (PFHpA)	**2.31**	1.76	**0.654J**	1.75	**0.775J**	1.81	**0.768J**	1.93	**0.508J**	1.81	**0.591J**	1.82
Perfluorohexanesulfonic Acid (PFHxS)	**0.655J**	1.76	ND	1.75	**0.485J**	1.81	**0.467J**	1.93	ND	1.81	**0.504J**	1.82
Perfluorooctanoic Acid (PFOA)	**8.98**	1.76	**3.26**	1.75	**3.33**	1.81	**3.41**	1.93	**3.19F**	1.81	**3.45**	1.82
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.76	ND	1.75	**1.47J**	1.81	ND	1.93	**7.38F**	1.81	ND	1.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorononanoic Acid (PFNA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	**0.284J**	1.82
Perfluorooctanesulfonic Acid (PFOS)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorodecanoic Acid (PFDA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluoroundecanoic Acid (PFUnA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorodecanesulfonic Acid (PFDS)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorooctanesulfonamide (FOSA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorododecanoic Acid (PFDoA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorotridecanoic Acid (PFTrDA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
Perfluorotetradecanoic Acid (PFTA)	ND	1.76	ND	1.75	ND	1.81	ND	1.93	ND	1.81	ND	1.82
PFOA/PFOS, Total	**8.98**		**3.26**		**3.33**		**3.41**		**3.19**		**3.45**	
Total Compounds	**34.495**		**9.379**		**11.66**		**7.281**		**13.169**		**9.45**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW-6)											
	17GW6		17GW6		17GW6		17GW6		17GW6		17GW6	
	6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022		9/29/2022	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**0.993J**	1.88	ND	2.42	**1.13**	1.71	**0.445J**	2.14	ND	1.76	**0.454J**	1.89
Perfluoropentanoic Acid (PFPeA)	**0.937J**	1.88	**2.22J**	2.42	**1.32**	1.71	**0.809J**	2.14	**1.22J**	1.76	**0.606J**	1.89
Perfluorobutanesulfonic Acid (PFBS)	**0.670J**	1.88	ND	2.42	**0.511**	1.71	**0.308J**	2.14	**0.254J**	1.76	ND	1.89
Perfluorohexanoic Acid (PFHxA)	**1.01J**	1.88	**0.792J**	2.42	**1.21**	1.71	**0.646J**	2.14	**0.523J**	1.76	**0.405JF**	1.89
Perfluoroheptanoic Acid (PFHpA)	**0.741J**	1.88	**0.614J**	2.42	**0.894**	1.71	**0.561J**	2.14	**0.402J**	1.76	**0.420J**	1.89
Perfluorohexanesulfonic Acid (PFHxS)	**0.504J**	1.88	ND	2.42	**0.733**	1.71	**0.496J**	2.14	**0.473JF**	1.76	ND	1.89
Perfluorooctanoic Acid (PFOA)	**4.6**	1.88	**3.96**	2.42	**5.42**	1.71	**4.36**	2.14	**2.75**	1.76	**2.04**	1.89
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.88	ND	2.42	**12.1**	1.71	ND	2.14	**1.20J**	1.76	ND	1.89
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorononanoic Acid (PFNA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorooctanesulfonic Acid (PFOS)	**0.734JF**	1.88	ND	2.42	**0.723**	1.71	ND	2.14	**0.494J**	1.76	ND	1.89
Perfluorodecanoic Acid (PFDA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluoroundecanoic Acid (PFUnA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorodecanesulfonic Acid (PFDS)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorooctanesulfonamide (FOSA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorododecanoic Acid (PFDoA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorotridecanoic Acid (PFTrDA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	1.76	ND	1.89
Perfluorotetradecanoic Acid (PFTA)	ND	1.88	ND	2.42	ND	1.71	ND	2.14	ND	2.76	ND	2.89
PFOA/PFOS, Total	**4.6**		**3.96**		**6.14**		**4.36**		**3.24J**		**2.04**	
Total Compounds	**8.23**		**7.586**		**24.041**		**7.625**		**7.316**		**3.925**	

Notes:

DL- Detection Limit

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J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (17GW-6)									
	17GW6		17GW-6		17GW-6		17GW-6		17GW-6	
	12/14/2022		3/27/2023		6/20/2023		9/14/2023		12/20/2023	
	ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**0.589J**	1.9	**2.01**	1.72	**8.07**	1.79	**1.09J**	1.69	**2.27**	1.77
Perfluoropentanoic Acid (PFPeA)	**0.828J**	1.9	**1.59J**	1.72	**8.48**	1.79	**1.17J**	1.69	**1.94**	1.77
Perfluorobutanesulfonic Acid (PFBS)	**0.254J**	1.9	**0.844J**	1.72	**1.60J**	1.79	**0.525J**	1.69	**1.11J**	1.77
Perfluorohexanoic Acid (PFHxA)	**0.558J**	1.9	**1.11J**	1.72	**6.52**	1.79	**0.803J**	1.69	**1.56J**	1.77
Perfluoroheptanoic Acid (PFHpA)	**0.486J**	1.9	**0.957J**	1.72	**3.05**	1.79	**0.478JF**	1.69	**1.46J**	1.77
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.9	**0.513J**	1.72	**1.64J**	1.79	**0.336JF**	1.69	**0.933J**	1.77
Perfluorooctanoic Acid (PFOA)	**2.43**	1.9	**3.99**	1.72	**13.7**	1.79	**2.46**	1.69	**6.58**	1.77
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**7.5**	1.9	**1.58J**	1.72	**267**	1.79	ND	1.69	ND	1.77
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorononanoic Acid (PFNA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorooctanesulfonic Acid (PFOS)	ND	1.9	**1.37J**	1.72	**0.947J**	1.79	ND	1.69	ND	1.77
Perfluorodecanoic Acid (PFDA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluoroundecanoic Acid (PFUnA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorodecanesulfonic Acid (PFDS)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorooctanesulfonamide (FOSA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorododecanoic Acid (PFDoA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorotridecanoic Acid (PFTrDA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
Perfluorotetradecanoic Acid (PFTA)	ND	1.9	ND	1.72	ND	1.79	ND	1.69	ND	1.77
PFOA/PFOS, Total	**2.43**		**5.36J**		**14.6J**		**2.46**		**6.58**	
Total Compounds	**12.645**		**13.964**		**311.007**		**6.862**		**15.853**	

Notes:

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J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (Duplicates)											
	Duplicate (17GW6)		Duplicate (17GW6)		Duplicate (17GW6)		Duplicate (17GW6)		Duplicate (17GW6)		Duplicate (17GW6)	
	12/19/2019		3/26/2020		6/29/2020		9/29/2020		12/11/2020		3/29/2021	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**16.6**	1.77	**5.11**	1.77	**1.04J**	1.75	**0.532J**	1.97	ND	1.78	**2.31**	1.9
Perfluoropentanoic Acid (PFPeA)	**3.24**	1.77	**1.22J**	1.77	**1.38J**	1.75	**1.04J**	1.97	**0.910J**	1.78	**0.633J**	1.9
Perfluorobutanesulfonic Acid (PFBS)	**1.33J**	1.77	**0.294J**	1.77	**1.83**	1.75	**0.402J**	1.97	**0.562J**	1.78	**0.964J**	1.9
Perfluorohexanoic Acid (PFHxA)	**2.73**	1.77	**1.04J**	1.77	**1.05J**	1.75	**0.918J**	1.97	**0.537J**	1.78	**0.618J**	1.9
Perfluoroheptanoic Acid (PFHpA)	**2.59**	1.77	**0.698J**	1.77	**0.662J**	1.75	**0.855J**	1.97	**0.498J**	1.78	**0.625J**	1.9
Perfluorohexanesulfonic Acid (PFHxS)	**1.01J**	1.77	ND	1.77	**0.456J**	1.75	**0.528J**	1.97	**0.448J**	1.78	**0.412J**	1.9
Perfluorooctanoic Acid (PFOA)	**9.48**	1.77	**3.35**	1.77	**3.15**	1.75	**3.52**	1.97	**3.10F**	1.78	**3.66**	1.9
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	**6.20F**	1.78	ND	1.9
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluorononanoic Acid (PFNA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	**0.434J**	1.9
Perfluorooctanesulfonic Acid (PFOS)	ND	1.77	ND	1.77	ND	1.75	**1.14J**	1.97	ND	1.78	ND	1.9
Perfluorodecanoic Acid (PFDA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluoroundecanoic Acid (PFUnA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluorodecanesulfonic Acid (PFDS)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluorooctanesulfonamide (FOSA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluorododecanoic Acid (PFDoA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	ND	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
Perfluorotetradecanoic Acid (PFTA)	ND	1.77	**0.323J**	1.77	ND	1.75	ND	1.97	ND	1.78	ND	1.9
PFOA/PFOS, Total	**9.48**		**3.35**		**3.15**		**4.66**		**3.1**		**3.66**	
Total Compounds	**36.98**		**11.712**		**9.568**		**8.935**		**12.255**		**9.656**	

Notes:

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J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (Duplicates)											
	Duplicate (17GW4)		Duplicate (17GW4)		Duplicate		Duplicate		Duplicate		Duplicate	
	6/28/2021		9/30/2021		10/14/2021		1/12/2022		3/28/2022		7/21/2022	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**16.5**	1.89	**22.5**	2.23	**4.86**	1.74	**1.65**	1.72	**29.8**	1.98	**22.2**	1.77
Perfluoropentanoic Acid (PFPeA)	**20.9**	1.89	**20.5**	2.23	**3.62**	1.74	**1.5**	1.72	**5.98**	1.98	**5.4**	1.77
Perfluorobutanesulfonic Acid (PFBS)	**5.41**	1.89	**5.08**	2.23	**2.10F**	1.74	**0.642**	1.72	**1.91J**	1.98	**0.837J**	1.77
Perfluorohexanoic Acid (PFHxA)	**13.7**	1.89	**13.1**	2.23	**3.19**	1.74	**1.34**	1.72	**3.8**	1.98	**1.04JF**	1.77
Perfluoroheptanoic Acid (PFHpA)	**4.3**	1.89	**4.62**	2.23	**3.99**	1.74	**1.04**	1.72	**3.01**	1.98	**0.858J**	1.77
Perfluorohexanesulfonic Acid (PFHxS)	**1.38J**	1.89	**1.56J**	2.23	**2.7**	1.74	**0.842**	1.72	**1.26J**	1.98	**1.12J**	1.77
Perfluorooctanoic Acid (PFOA)	**18.9**	1.89	**32.4**	2.23	**40.5**	1.74	**5.91**	1.72	**13.5**	1.98	**8.28**	1.77
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.89	ND	2.23	**1.89**	1.74	**10.6**	1.72	ND	1.98	**1.62J**	1.77
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorononanoic Acid (PFNA)	**0.954J**	1.89	**5.88**	2.23	**0.362J**	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorooctanesulfonic Acid (PFOS)	**24.5**	1.89	**152**	2.23	**3.44**	1.74	**1.64**	1.72	**1.13J**	1.98	**1.38J**	1.77
Perfluorodecanoic Acid (PFDA)	**0.439J**	1.89	**0.666J**	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluoroundecanoic Acid (PFUnA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorodecanesulfonic Acid (PFDS)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorooctanesulfonamide (FOSA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorododecanoic Acid (PFDoA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorotridecanoic Acid (PFTrDA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
Perfluorotetradecanoic Acid (PFTA)	ND	1.89	ND	2.23	ND	1.74	ND	1.72	ND	1.98	ND	1.77
PFOA/PFOS, Total	**18.9**		**184.4**		**43.94**		**7.55**		**14.6J**		**9.66J**	
Total Compounds	**107.896**		**262.266**		**69.91**		**25.164**		**60.39**		**42.735**	

Notes:

DL- Detection Limit

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J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 2
1815-1825 Ocean Avenue
Brooklyn, New York
PFAs

Compound	Quarterly Groundwater Sampling (Duplicates)											
	Duplicate		Duplicate		Duplicate		Duplicate		Duplicate (17GW-2)		Duplicate (17GW-6)	
	9/29/2022		12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Perfluorobutanoic Acid (PFBA)	**35.5**	1.85	**125**	1.91	**2.29**	1.76	ND	1.76	**117**	1.71	**2.31**	1.77
Perfluoropentanoic Acid (PFPeA)	**19**	1.85	**49.3**	1.91	**1.44J**	1.76	ND	1.76	**76.4**	1.71	**1.88**	1.77
Perfluorobutanesulfonic Acid (PFBS)	**6.04**	1.85	**9.28**	1.91	**0.861J**	1.76	**0.362JF**	1.76	**15.1**	1.71	**1.10J**	1.77
Perfluorohexanoic Acid (PFHxA)	**11**	1.85	**22.4**	1.91	**1.28J**	1.76	**0.456J**	1.76	**37.4**	1.71	**1.54J**	1.77
Perfluoroheptanoic Acid (PFHpA)	**4.46**	1.85	**4.28**	1.91	**0.561J**	1.76	**0.330J**	1.76	**7.07**	1.71	**1.43J**	1.77
Perfluorohexanesulfonic Acid (PFHxS)	**2.1**	1.85	**1.56J**	1.91	**0.519J**	1.76	**0.622J**	1.76	**2.18**	1.71	**0.901J**	1.77
Perfluorooctanoic Acid (PFOA)	**32.2**	1.85	**29.2**	1.91	**4.11**	1.76	**2.66**	1.76	**28.1**	1.71	**6.36**	1.77
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.85	**6.46**	1.91	**1.26JF**	1.76	**18.5**	1.76	ND	1.71	ND	1.77
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluorononanoic Acid (PFNA)	**0.942J**	1.85	**1.08J**	1.91	ND	1.76	ND	1.76	**2.55**	1.71	ND	1.77
Perfluorooctanesulfonic Acid (PFOS)	**23.4**	1.85	**26.6**	1.91	ND	1.76	**0.572J**	1.76	**53.9**	1.71	ND	1.77
Perfluorodecanoic Acid (PFDA)	**0.849J**	1.85	**1.31JF**	1.91	ND	1.76	ND	1.76	**0.549J**	1.71	ND	1.77
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluoroundecanoic Acid (PFUnA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluorodecanesulfonic Acid (PFDS)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluorooctanesulfonamide (FOSA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluorododecanoic Acid (PFDoA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluorotridecanoic Acid (PFTrDA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
Perfluorotetradecanoic Acid (PFTA)	ND	1.85	ND	1.91	ND	1.76	ND	1.76	ND	1.71	ND	1.77
PFOA/PFOS, Total	**55.6**		**55.8**		**4.11**		**3.23J**		**82**		**6.36**	
Total Compounds	**135.491**		**276.47**		**12.32**		**23.502**		**340.249**		**15.521**	

Notes:

DL- Detection Limit

F- The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

J- The value is estimated.

ND- Not Detected

The USEPA Health Advisory Level for drinking water is 4 ng/L (ppt) for combined detections of PFOA and PFOs

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Pre Carbon													
			Pre Carbon													
			12/18/2017		1/30/2018		2/28/2018		3/15/2018		6/14/2018		8/23/2018		12/17/2018	
	(µg/m³) (a)	(µg/m³) (b)	(µg/m³) Result	RL	(µg/m³) Result	RL	(µg/m³) Result	RL	(µg/m³) Result	RL	(µg/m³) Result	RL	(µg/m³) Result	RL	(µg/m³) Result	RL
1,1,1,2-Tetrachloroethane			< 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
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 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
1,1,2,2-Tetrachloroethane		<1.5	< 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
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	-	-	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	< 1.00	1.00	**4.87**	1.00	< 1.00	1.00	**1.78**	1.00	**414**	15.0	**870**	15.0	**76.2**	1.00
1,2-Dibromoethane		<1.5	**5.21**	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
1,2-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
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**2.06**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 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
1,3,5-Trimethylbenzene		<1.0	**1.66**	1.00	**1.58**	1.00	< 1.00	1.00	< 1.00	1.00	**349**	15.0	**570**	15.0	**95.8**	1.00
1,3-Butadiene		NA	< 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
1,3-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
1,4-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
1,4-Dioxane			< 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
2-Hexanone			< 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
4-Ethyltoluene		NA	**1.18**	1.00	**4.79**	1.00	< 1.00	1.00	< 1.00	1.00	**757**	15.0	**747**	15.0	**112**	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**24.8**	15.0	**33.2**	1.00	**12.1**	1.00
4-Methyl-2-pentanone			< 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
Acetone		NA	**264**	15.0	**25.4**	1.00	**7.76**	1.00	**41.3**	1.00	**175**	15.0	**193**	15.0	**13.4**	1.00
Acrylonitrile			< 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
Benzene		<1.6 - 4.7	**4.12**	1.00	**1.47**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.62**	1.00
Benzyl Chloride		NA	-	-	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**15.5**	15.0	**3.64**	1.00	**5.76**	1.00
Carbon Tetrachloride	5	<3.1	**0.32**	0.25	**0.75**	0.20	**0.74**	0.20	**0.74**	0.20	< 3.00	3.00	**0.57**	0.20	**0.56**	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 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
Chloroform		<2.4	**4.28**	1.00	**5.95**	1.00	**4.19**	1.00	**11.9**	1.00	< 15.0	15.0	**18.3**	1.00	< 1.00	1.00
Chloromethane		<1.0 - 1.4	< 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
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 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
Cyclohexane		NA	**1.35**	1.00	**2.21**	1.00	**1.42**	1.00	< 1.00	1.00	**1,110**	15.0	**117**	15.0	**230**	10.0
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**5.88**	1.00	**3.69**	1.00	**2.87**	1.00	**4.03**	1.00	< 15.0	15.0	**2.76**	1.00	**4.36**	1.00
Ethanol			**10.3**	1.00	**19.6**	1.00	**1.75**	1.00	**11.9**	1.00	**22.8**	15.0	**15.6**	1.00	**21.8**	1.00
Ethyl Acetate		NA	< 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
Ethylbenzene		<4.3	**4.21**	1.00	**3.11**	1.00	< 1.00	1.00	**2.1**	1.00	**798**	15.0	**116**	1.00	**49.9**	1.00
Heptane		NA	**4.22**	1.00	**3.2**	1.00	< 1.00	1.00	< 1.00	1.00	**3,030**	150	**310**	15.0	**573**	9.99
Hexachlorobutadiene		NA	< 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
Hexane		<1.5	**5.53**	1.00	**2.61**	1.00	**1.29**	1.00	< 1.00	1.00	**1,390**	15.0	**110**	15.0	**213**	10.0
Isopropylalcohol		NA	**2.18**	1.00	**17.3**	1.00	**5.55**	1.00	**2.51**	1.00	< 15.0	15.0	**2.51**	1.00	< 1.00	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**84.5**	15.0	< 1.00	1.00	**9.73**	1.00
Xylene (m&p)		<4.3	**16.1**	1.00	**11.1**	1.00	**3.1**	1.00	**7.81**	1.00	**3,220**	15.0	**911**	15.0	**318**	1.00
Methyl Ethyl Ketone			**200**	15.0	**8.96**	1.00	**2.4**	1.00	**4.13**	1.00	< 15.0	15.0	**3.01**	1.00	< 1.00	1.00
MTBE		NA	< 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
Methylene Chloride		<3.4	**2.18**	1.00	< 3.00	3.00	< 3.00	3.00	**7.71**	3.00	< 45.1	45.1	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**23**	15.0	**95.5**	1.00	**9.33**	1.00
Xylene (o)		<4.3	**4.95**	1.00	**4.29**	1.00	**1.4**	1.00	**2.94**	1.00	**733**	15.0	**132**	1.00	**94.2**	1.00
Propylene		NA	< 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
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**15.4**	1.00	**4.92**	1.00
Styrene		<1.0	**19.7**	0.25	**1.6**	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.47**	1.00
Tetrachloroethene	30		**1,420**	15.0	**42.5**	0.25	**25.8**	0.25	**36.2**	0.25	**25.1**	3.75	**57**	0.25	**33.4**	0.25
Tetrahydrofuran		NA	**8.55**	1.00	**29**	1.00	**4.57**	1.00	**8.96**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Toluene		1.0 - 6.1	< 1.00	1.00	**32.1**	1.00	**4.37**	1.00	**4.33**	1.00	**94.5**	15.0	< 1.00	1.00	**13.5**	1.00
trans-1,2-Dichloroethene		NA	-	-	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**1.05**	1.00	< 1.00	1.00
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
Trichloroethene	2	<1.7	< 0.25	0.25	**0.27**	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	**0.33**	0.20	**0.35**	0.20
Trichlorofluoromethane		NA	**1.25**	1.00	**1.24**	1.00	**1.3**	1.00	**1.75**	1.00	< 15.0	15.0	**1.36**	1.00	**1.94**	1.00
Trichlorotrifluoroethane			< 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
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 2.99	2.99	< 0.20	0.20	< 0.20	0.20
BTEX			**29.38**		**52.07**		**9**		**17.18**		**4,845.5**		**1,159**		**477**	
Total VOCs			**1,987.17**		**227.59**		**68.51**		**152.15**		**12,266.2**		**4,326.23**		**1,899.16**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Pre Carbon													
			Pre Carbon													
			1/30/2019		4/3/2019		9/25/2019		12/19/2019		3/26/2020		6/30/2020		11/30/2020	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	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	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**4.09**	1.00	**14**	1.00	**3.31**	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	**8.7**	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**7.91**	1.00	**47**	1.00	**2.63**	1.00	**2.06**	1.00	< 5.01	5.01	< 1.00	1.00	**2.98**	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	**1.34**	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
2-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	**3.21**	1.00	**30.3**	1.00	**1.45**	1.00	< 1.00	1.00	< 5.01	5.01	**1.21**	1.00	**4.55**	1.00
4-Isopropyltoluene			< 1.00	1.00	**7.68**	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	**1.56**	1.00
Acetone		NA	**10.7**	1.00	**7.69**	1.00	**29.7**	1.00	**3.49**	1.00	**43.7**	5.01	**26.8**	1.00	**19**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	**1.4**	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**0.51**	0.20	**0.45**	0.20	**0.69**	0.20	**0.51**	0.20	< 1.00	1.00	**0.59**	0.20	**0.59**	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	**19.7**	1.00	**15**	1.00	**28.9**	1.00	**7.61**	1.00	< 4.98	4.98	**28.9**	1.00	**12.1**	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00
Cyclohexane		NA	**15.4**	1.00	**24**	1.00	**65**	1.00	**34**	1.00	**171**	4.99	**35.8**	1.00	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.93**	1.00	**2.54**	1.00	**3.17**	1.00	**3.33**	1.00	< 4.99	4.99	**1.83**	1.00	**2.68**	1.00
Ethanol			**1.4**	1.00	**5.2**	1.00	**26.7**	1.00	**4.16**	1.00	**11.3**	5.01	**46.7**	1.00	**33**	1.00
Ethyl Acetate		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	**16.5**	1.00
Ethylbenzene		<4.3	< 1.00	1.00	**2.47**	1.00	**2.98**	1.00	< 1.00	1.00	< 4.99	4.99	**4.9**	1.00	**1.88**	1.00
Heptane		NA	**12.5**	1.00	**30.9**	1.00	**93.8**	1.00	**57.3**	1.00	**366**	5.00	**14.2**	1.00	< 1.00	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	**6.2**	1.00	**12.4**	1.00	**69.7**	1.00	**35.1**	1.00	**246**	5.00	**17.6**	1.00	< 1.00	1.00
Isopropylalcohol		NA	< 1.00	1.00	**1.14**	1.00	**2.73**	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	**2.87**	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	< 1.00	1.00	**25.5**	1.00	**14.7**	1.00	**1.16**	1.00	< 4.99	4.99	**16**	1.00	**7.25**	1.00
Methyl Ethyl Ketone			< 1.00	1.00	< 1.00	1.00	**2.36**	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	**1.94**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 15.0	15.0	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	**1.85**	1.00
Xylene (o)		<4.3	**1.14**	1.00	**10.5**	1.00	**4.14**	1.00	< 1.00	1.00	< 4.99	4.99	**5.34**	1.00	**2.79**	1.00
Propylene		NA	< 1.00	1.00	< 1.00	1.00	**2.22**	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	< 1.00	1.00	< 1.00	1.00	**1.08**	1.00	< 1.00	1.00	< 4.98	4.98	**1.09**	1.00	< 1.00	1.00
Tetrachloroethene	30		**36.1**	0.25	**29.7**	0.25	**36.1**	0.25	**21.4**	0.25	**20.6**	1.25	**38.6**	0.25	**26.6**	0.25
Tetrahydrofuran		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	**1.49**	1.00
Toluene		1.0 - 6.1	**2.2**	1.00	**1.46**	1.00	**6.21**	1.00	< 1.00	1.00	< 5.01	5.01	**2.32**	1.00	**2.41**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00
Trichloroethene	2	<1.7	**0.73**	0.20	**0.22**	0.20	**4.3**	0.20	**0.37**	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20
Trichlorofluoromethane		NA	**1.47**	1.00	< 1.00	1.00	**1.57**	1.00	**1.79**	1.00	< 5.00	5.00	**1.47**	1.00	**1.22**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20
BTEX			**3**		**40**		**28**		**1**		**0.00**		**28.56**		**14.33**	
Total VOCs			**126.19**		**268.15**		**404.84**		**172.28**		**858.60**		**244.69**		**151.96**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Pre Carbon													
			Pre Carbon													
			12/11/2020		3/29/2021		6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	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	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**2.69**	1.00	**4.04**	1.00	< 1.00	1.00	< 1.00	1.00	**7.07**	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dibromoethane		<1.5	< 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
1,2-Dichlorobenzene		<2.0	< 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
1,2-Dichloroethane		<1.0	< 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
1,2-Dichloropropane			< 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
1,2-Dichlorotetrafluoroethane			< 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
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	**1.31**	1.00	< 1.00	1.00	< 1.00	1.00	**1.81**	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Butadiene		NA	< 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
1,3-Dichlorobenzene		<2.0	< 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
1,4-Dichlorobenzene		NA	< 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
1,4-Dioxane			< 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
2-Hexanone			< 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
4-Ethyltoluene		NA	**1.85**	1.00	**3.33**	1.00	< 1.00	1.00	< 1.00	1.00	**6.34**	1.00	< 1.00	1.00	< 1.00	1.00
4-Isopropyltoluene			< 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
4-Methyl-2-pentanone			< 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
Acetone		NA	**21.8**	1.00	**17.1**	1.00	**13**	1.00	**15.4**	1.00	**12.8**	1.00	**10.7**	1.00	**30.9**	1.00
Acrylonitrile			< 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
Benzene		<1.6 - 4.7	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.02**	1.00	< 1.00	1.00	< 1.00	1.00
Benzyl Chloride		NA	< 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
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	**1.33**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.74**	1.00
Bromoform		<1.0	< 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
Bromomethane		<1.0	< 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
Carbon Disulfide		NA	< 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
Carbon Tetrachloride	5	<3.1	**0.67**	0.20	**0.76**	0.20	**0.7**	0.20	**0.56**	0.20	**0.5**	0.20	**0.52**	0.20	**0.61**	0.20
Chlorobenzene		<2.0	< 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
Chloroethane		NA	< 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
Chloroform		<2.4	**7.95**	1.00	**15.1**	1.00	**29.2**	1.00	**25.8**	1.00	**11.7**	1.00	**6.54**	1.00	**28.2**	1.00
Chloromethane		<1.0 - 1.4	< 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
cis-1,2-Dichloroethene		<1.0	< 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
cis-1,3-Dichloropropene		NA	< 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
Cyclohexane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**32.7**	1.00	< 1.00	1.00	**1.63**	1.00	< 1.00	1.00
Dibromochloromethane		<5.0	< 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
Dichlorodifluromethane		NA	**2.24**	1.00	**2.87**	1.00	**2.92**	1.00	**2.61**	1.00	**2.86**	1.00	**1.86**	1.00	**2.58**	1.00
Ethanol			**16.3**	1.00	**60.3**	1.00	**27.3**	1.00	**10.7**	1.00	**20.3**	1.00	**11.1**	1.00	**23.5**	1.00
Ethyl Acetate		NA	< 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
Ethylbenzene		<4.3	< 1.00	1.00	**1.52**	1.00	< 1.00	1.00	< 1.00	1.00	**2.71**	1.00	< 1.00	1.00	< 1.00	1.00
Heptane		NA	**26.9**	1.00	**1.13**	1.00	< 1.00	1.00	**46.7**	1.00	**3.87**	1.00	< 1.00	1.00	< 1.00	1.00
Hexachlorobutadiene		NA	< 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
Hexane		<1.5	**18.2**	1.00	< 1.00	1.00	< 1.00	1.00	**39.8**	1.00	**1.03**	1.00	< 1.00	1.00	< 1.00	1.00
Isopropylalcohol		NA	**1.6**	1.00	**4.62**	1.00	**11.4**	1.00	**6.98**	1.00	**5.18**	1.00	**9.04**	1.00	**7.76**	1.00
Isopropylbenzene			< 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
Xylene (m&p)		<4.3	**3.83**	1.00	**5.34**	1.00	**1.07**	1.00	**1.71**	1.00	**10.2**	1.00	< 1.00	1.00	**1.25**	1.00
Methyl Ethyl Ketone			**5.25**	1.00	**10.1**	1.00	**6.04**	1.00	< 1.00	1.00	**2.78**	1.00	< 1.00	1.00	**1.87**	1.00
MTBE		NA	< 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
Methylene Chloride		<3.4	**8.51**	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 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
Xylene (o)		<4.3	**1.53**	1.00	**2.61**	1.00	< 1.00	1.00	< 1.00	1.00	**3.38**	1.00	< 1.00	1.00	< 1.00	1.00
Propylene		NA	< 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
sec-Butylbenzene			< 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
Styrene		<1.0	< 1.00	1.00	**1.21**	1.00	< 1.00	1.00	< 1.00	1.00	**3.5**	1.00	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	30		**27.7**	0.25	**20.3**	0.25	**31.9**	0.25	**30.9**	0.25	**7.05**	0.25	**11.4**	0.25	**29**	0.25
Tetrahydrofuran		NA	< 1.00	1.00	**25.3**	1.00	**10.8**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Toluene		1.0 - 6.1	**2.86**	1.00	**2.55**	1.00	**1.07**	1.00	< 1.00	1.00	**7.57**	1.00	< 1.00	1.00	**3.16**	1.00
trans-1,2-Dichloroethene		NA	< 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
trans-1,3-Dichloropropene		NA	< 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
Trichloroethene	2	<1.7	**0.61**	0.20	< 0.20	0.20	**0.42**	0.20	< 0.20	0.20	**0.28**	0.20	< 0.20	0.20	**0.27**	0.20
Trichlorofluoromethane		NA	**1.31**	1.00	**1.41**	1.00	**1.22**	1.00	**1.09**	1.00	**1.39**	1.00	**1.07**	1.00	**1.22**	1.00
Trichlorotrifluoroethane			< 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
Vinyl Chloride		<1.0	< 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
BTEX			**8.22**		**12.02**		**2.14**		**1.71**		**24.88**		**0.00**		**4.41**	
Total VOCs			**151.80**		**180.90**		**138.37**		**214.95**		**113.34**		**53.86**		**132.06**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Pre Carbon											
			Pre Carbon											
			9/29/2022		12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	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	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**3.71**	1.00	**13.9**	1.00	< 1.00	1.00	**11.8**	1.00	**1.87**	1.00	< 1.00	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**1.1**	1.00	**4.1**	1.00	< 1.00	1.00	**2.3**	1.00	**2.81**	1.00	< 1.00	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane			< 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-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	< 1.00	1.00	**13**	1.00	< 1.00	1.00	**8.65**	1.00	**1.23**	1.00	< 1.00	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone			**1.13**	1.00	**1.58**	1.00	< 1.00	1.00	**3.06**	1.00	< 1.00	1.00	< 1.00	1.00
Acetone		NA	**22.1**	1.00	**89.3**	1.00	**26.6**	1.00	**45.1**	1.00	**40.4**	1.00	**20.8**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	< 1.00	1.00	**4.66**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	**1.08**	1.00	< 1.00	1.00	< 1.00	1.00	**1.07**	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**0.56**	0.20	**0.57**	0.20	**0.54**	0.20	**0.59**	0.20	**0.6**	0.20	**0.47**	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	**18.9**	1.00	**7.9**	1.00	**9.37**	1.00	**20.1**	1.00	**34.4**	1.00	**9.47**	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	**14.2**	0.20	< 0.20	0.20	< 0.20	0.20	**0.42**	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane		NA	**1.55**	1.00	**5.78**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.74**	1.00	**2.63**	1.00	**2.9**	1.00	**2.54**	1.00	**2.63**	1.00	**2.87**	1.00
Ethanol			**25**	1.00	**113**	5.01	**30.1**	1.00	**59.9**	1.00	**9.64**	1.00	**21.7**	1.00
Ethyl Acetate		NA	**57.3**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Ethylbenzene		<4.3	**1.21**	1.00	**11.8**	1.00	< 1.00	1.00	**5.29**	1.00	< 1.00	1.00	< 1.00	1.00
Heptane		NA	< 1.00	1.00	**7.66**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	< 1.00	1.00	**6.9**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Isopropylalcohol		NA	**17.4**	1.00	**20.5**	1.00	**21.7**	1.00	**88.9**	1.00	**19.4**	1.00	**16.7**	1.00
Isopropylbenzene			< 1.00	1.00	**3.06**	1.00	< 1.00	1.00	**1.45**	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	**4.16**	1.00	**40.7**	1.00	< 1.00	1.00	**17.6**	1.00	**1.11**	1.00	< 1.00	1.00
Methyl Ethyl Ketone			**2.36**	1.00	**19.2**	1.00	**1.01**	1.00	**4.72**	1.00	**3.3**	1.00	**4.69**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (o)		<4.3	**2**	1.00	**15.1**	1.00	< 1.00	1.00	**6.6**	1.00	< 1.00	1.00	< 1.00	1.00
Propylene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	< 1.00	1.00	**1.07**	1.00	< 1.00	1.00	**8.34**	1.00	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	30		**29.7**	0.25	**3.4**	0.25	**7.8**	0.25	**24.4**	0.25	**25.2**	0.25	**11.5**	0.25
Tetrahydrofuran		NA	**2.25**	1.00	**28.8**	1.00	< 1.00	1.00	**7.55**	1.00	**10.3**	1.00	**6.69**	1.00
Toluene		1.0 - 6.1	**2.59**	1.00	**46.7**	1.00	**2.13**	1.00	**8.06**	1.00	**1.93**	1.00	< 1.00	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	2	<1.7	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.35**	0.20	**0.86**	0.20	< 0.20	0.20
Trichlorofluoromethane		NA	**1.09**	1.00	**1.14**	1.00	**1.35**	1.00	**1.16**	1.00	**1.29**	1.00	**1.08**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX			**9.96**		**118.96**		**2.13**		**37.55**		**3.04**		**0.00**	
Total VOCs			**212.13**		**462.45**		**103.50**		**329.95**		**156.97**		**95.97**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Post Carbon													
			Post Carbon													
			12/18/2017		1/30/2018		2/28/2018		3/15/2018		6/14/2018		8/23/2018		12/17/2018	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	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	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	**0.25**	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	-	-	< 1.00	1.00	< 1.00	1.00	**2.26**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**1.08**	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
1,2-Dibromoethane		<1.5	< 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
1,2-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
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 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
1,2-Dichlorotetrafluoroethane			< 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
1,3,5-Trimethylbenzene		<1.0	< 1.00	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
1,3-Butadiene		NA	< 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
1,3-Dichlorobenzene		<2.0	-	-	< 1.00	1.00	< 1.00	1.00	**1.13**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	-	-	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**2.61**	1.00
1,4-Dioxane			< 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
2-Hexanone			< 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
4-Ethyltoluene		NA	< 1.00	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
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	**1.28**	1.00
4-Methyl-2-pentanone			< 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
Acetone		NA	**14.5**	1.00	**15.3**	1.00	**9.45**	1.00	**32.3**	1.00	< 15.0	15.0	**166**	15.0	**9.04**	1.00
Acrylonitrile			< 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
Benzene		<1.6 - 4.7	**3.67**	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
Benzyl Chloride		NA	-	-	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**1.59**	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	< 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
Carbon Tetrachloride	5	<3.1	< 0.25	0.25	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	**0.27**	0.20	< 0.20	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 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
Chloroform		<2.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	**18**	1.00	< 1.00	1.00
Chloromethane		<1.0 - 1.4	**4.31**	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
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 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
Cyclohexane		NA	**1.01**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1,420**	15.0	**375**	15.0	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	< 1.00	1.00	**2.52**	1.00	**3.47**	1.00	**4.05**	1.00	< 15.0	15.0	**2.7**	1.00	**3.14**	1.00
Ethanol			**11.4**	1.00	**22.8**	1.00	**4.73**	1.00	**45.2**	1.00	**28.1**	15.0	**27.5**	1.00	**24.1**	1.00
Ethyl Acetate		NA	< 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
Ethylbenzene		<4.3	**1.61**	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
Heptane		NA	**3.09**	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
Hexachlorobutadiene		NA	< 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
Hexane		<1.5	**1.14**	1.00	< 1.00	1.00	**1.05**	1.00	< 1.00	1.00	**1,890**	15.0	**339**	15.0	< 1.00	1.00
Isopropylalcohol		NA	**1.44**	1.00	**4.3**	1.00	< 1.00	1.00	**4.13**	1.00	< 15.0	15.0	**4.3**	1.00	**1.14**	1.00
Isopropylbenzene			< 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
Xylene (m&p)		<4.3	**5.47**	1.00	**7.72**	1.00	< 1.00	1.00	**6.86**	1.00	< 15.0	15.0	**3,390**	15.0	**153**	1.00
Methyl Ethyl Ketone			< 1.00	1.00	**3.65**	1.00	**5.25**	1.00	**6.1**	1.00	< 15.0	15.0	**12.2**	1.00	**5.42**	1.00
MTBE		NA	< 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
Methylene Chloride		<3.4	**2.22**	1.00	< 3.00	3.00	< 3.00	3.00	**128**	6.01	< 45.1	45.1	< 3.00	3.00	**53.5**	3.00
n-Butylbenzene			< 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
Xylene (o)		<4.3	**1.92**	1.00	**3.36**	1.00	< 1.00	1.00	**3.29**	1.00	< 15.0	15.0	**98.9**	1.00	**52.9**	1.00
Propylene		NA	< 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
sec-Butylbenzene			< 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
Styrene		<1.0	< 0.25	0.25	**1.56**	1.00	< 1.00	1.00	**1.58**	1.00	< 15.0	15.0	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	30		**2.28**	1.00	**2.71**	0.25	**0.73**	0.25	**1.12**	0.25	**16.7**	3.75	**43.9**	0.25	**32**	0.25
Tetrahydrofuran		NA	**6.18**	1.00	**14.9**	1.00	**10.8**	1.00	**24.5**	1.00	< 15.0	15.0	< 1.00	1.00	**2.87**	1.00
Toluene		1.0 - 6.1	< 1.00	1.00	**7.95**	1.00	< 1.00	1.00	**6.59**	1.00	< 15.0	15.0	**11.1**	1.00	**9.42**	1.00
trans-1,2-Dichloroethene		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
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
Trichloroethene	2	<1.7	< 0.25	0.25	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 3.00	3.00	**0.49**	0.20	**0.54**	0.20
Trichlorofluoromethane		NA	< 1.00	1.00	< 1.00	1.00	**2.17**	1.00	**2.95**	1.00	< 15.0	15.0	**1.11**	1.00	< 1.00	1.00
Trichlorotrifluoroethane			< 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
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 2.99	2.99	< 0.20	0.20	< 0.20	0.20
BTEX			**12.67**		**21.15**		**0.00**		**18.3**		**0**		**4,112**		**252**	
Total VOCs			**61.32**		**101.12**		**37.65**		**278.8**		**12,832.4**		**6,542.22**		**511.55**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Post Carbon													
			Post Carbon													
			1/30/2019		4/3/2019		9/25/2019		12/19/2019		3/26/2020		6/30/2020		11/30/2020	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 5.02	5.02	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**4.91**	1.00	< 5.01	5.01	**3.2**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.82**	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 5.02	5.02	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	**5.16**	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.41**	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.34**	1.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone			< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene		NA	**3.29**	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.21**	1.00	**2.29**	1.00
4-Isopropyltoluene			< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone			< 1.00	1.00	< 4.99	4.99	**3.24**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone		NA	**7.74**	1.00	**50.8**	5.01	**45.6**	1.00	**8.1**	1.00	< 1.00	1.00	**26.8**	1.00	**46.1**	1.00
Acrylonitrile			< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	**1.07**	1.00	< 5.01	5.01	**1.46**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**0.34**	0.20	< 1.00	1.00	< 0.20	0.20	**0.31**	0.20	**0.66**	0.20	**0.59**	0.20	**0.58**	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	**1.31**	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	**28.6**	1.00	< 4.98	4.98	**38.5**	1.00	**11.9**	1.00	< 1.00	1.00	**28.9**	1.00	**14.1**	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	**0.23**	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane		NA	< 1.00	1.00	**158**	4.99	**52.6**	1.00	**48.8**	1.00	< 1.00	1.00	**35.8**	1.00	**7.98**	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.71**	1.00	< 4.99	4.99	**2.9**	1.00	**2.89**	1.00	**2.5**	1.00	**1.83**	1.00	**4.05**	1.00
Ethanol			**3.94**	1.00	**18.3**	5.01	**25.2**	1.00	**4.76**	1.00	**12.8**	1.00	**46.7**	1.00	**30.3**	1.00
Ethyl Acetate		NA	**1.65**	1.00	< 5.01	5.01	**1.94**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**12.1**	1.00
Ethylbenzene		<4.3	< 1.00	1.00	< 4.99	4.99	**2.63**	1.00	< 1.00	1.00	< 1.00	1.00	**4.9**	1.00	< 1.00	1.00
Heptane		NA	< 1.00	1.00	**1,080**	15.0	< 1.00	1.00	< 1.00	1.00	**80.7**	1.00	**14.2**	1.00	**34.6**	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	< 1.00	1.00	**461**	5.00	**1.94**	1.00	< 1.00	1.00	**140**	5.00	**17.6**	1.00	**63.4**	1.00
Isopropylalcohol		NA	**1.61**	1.00	< 5.01	5.01	**2.73**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**2.48**	1.00
Isopropylbenzene			< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	**1.97**	1.00	< 4.99	4.99	**10.8**	1.00	< 1.00	1.00	< 1.00	1.00	**16**	1.00	**4.08**	1.00
Methyl Ethyl Ketone			< 1.00	1.00	< 5.01	5.01	**1.51**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
MTBE		NA	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	< 3.00	3.00	< 15.0	15.0	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (o)		<4.3	< 1.00	1.00	< 4.99	4.99	**3.29**	1.00	< 1.00	1.00	< 1.00	1.00	**5.34**	1.00	**1.58**	1.00
Propylene		NA	< 1.00	1.00	< 5.01	5.01	**2.6**	1.00	**1.42**	1.00	< 1.00	1.00	< 1.00	1.00	**1.44**	1.00
sec-Butylbenzene			< 1.00	1.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**4.27**	1.00
Styrene		<1.0	< 1.00	1.00	< 4.98	4.98	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.09**	1.00	< 1.00	1.00
Tetrachloroethene	30		**3.08**	0.25	< 1.25	1.25	**5.47**	0.25	**0.28**	0.25	**1.43**	0.25	**38.6**	0.25	**31**	0.25
Tetrahydrofuran		NA	**12.1**	1.00	< 5.01	5.01	**1.24**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**2.69**	1.00
Toluene		1.0 - 6.1	< 1.00	1.00	< 5.01	5.01	**5.2**	1.00	< 1.00	1.00	< 1.00	1.00	**2.32**	1.00	**2.21**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	2	<1.7	**0.34**	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	**0.9**	0.20
Trichlorofluoromethane		NA	**3.4**	1.00	< 5.00	5.00	**1.25**	1.00	**1.65**	1.00	**1.54**	1.00	**1.47**	1.00	**1.3**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 5.00	5.00	**1.13**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
BTEX			**2**		**0**		**22**		**0**		**0.00**		**28.56**		**7.87**	
Total VOCs			**83.45**		**1,768.10**		**214.43**		**80.11**		**239.63**		**244.69**		**272.68**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Post Carbon													
			Post Carbon													
			12/11/2020		3/29/2021		6/28/2021		9/30/2021		1/12/2022		3/28/2022		7/21/2022	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	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	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	**1.11**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**2.53**	1.00	**4.07**	1.00	< 1.00	1.00	< 1.00	1.00	**3.39**	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dibromoethane		<1.5	< 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
1,2-Dichlorobenzene		<2.0	< 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
1,2-Dichloroethane		<1.0	< 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
1,2-Dichloropropane			< 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
1,2-Dichlorotetrafluoroethane			< 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
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	**1.18**	1.00	< 1.00	1.00	< 1.00	1.00	**1.03**	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Butadiene		NA	< 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
1,3-Dichlorobenzene		<2.0	< 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
1,4-Dichlorobenzene		NA	< 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
1,4-Dioxane			< 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
2-Hexanone			< 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
4-Ethyltoluene		NA	**1.62**	1.00	**3.29**	1.00	< 1.00	1.00	< 1.00	1.00	**3.72**	1.00	< 1.00	1.00	< 1.00	1.00
4-Isopropyltoluene			< 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
4-Methyl-2-pentanone			< 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
Acetone		NA	**7.29**	1.00	**39.2**	1.00	**48.4**	1.00	**43.4**	1.00	**7.1**	1.00	**14.3**	1.00	**56**	1.00
Acrylonitrile			< 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
Benzene		<1.6 - 4.7	< 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
Benzyl Chloride		NA	< 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
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**2.46**	1.00
Bromoform		<1.0	< 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
Bromomethane		<1.0	< 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
Carbon Disulfide		NA	< 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
Carbon Tetrachloride	5	<3.1	**0.64**	0.20	**0.69**	0.20	**0.77**	0.20	**0.57**	0.20	**0.56**	0.20	**0.41**	0.20	**0.6**	0.20
Chlorobenzene		<2.0	< 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
Chloroethane		NA	< 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
Chloroform		<2.4	**8.15**	1.00	**14.3**	1.00	< 1.00	1.00	**27.5**	1.00	**10.5**	1.00	**6.88**	1.00	**28.7**	1.00
Chloromethane		<1.0 - 1.4	< 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
cis-1,2-Dichloroethene		<1.0	< 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
cis-1,3-Dichloropropene		NA	< 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
Cyclohexane		NA	< 1.00	1.00	**5.37**	1.00	< 1.00	1.00	**13.8**	1.00	< 1.00	1.00	**1.66**	1.00	< 1.00	1.00
Dibromochloromethane		<5.0	< 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
Dichlorodifluromethane		NA	**2.62**	1.00	**2.51**	1.00	**2.71**	1.00	**2.63**	1.00	**2.85**	1.00	**1.17**	1.00	**2.61**	1.00
Ethanol			**13.3**	1.00	**68.4**	1.00	**19.2**	1.00	**14.2**	1.00	**14.9**	1.00	**20.7**	1.00	**23.7**	1.00
Ethyl Acetate		NA	< 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
Ethylbenzene		<4.3	< 1.00	1.00	**1.69**	1.00	< 1.00	1.00	< 1.00	1.00	**2.37**	1.00	< 1.00	1.00	< 1.00	1.00
Heptane		NA	< 1.00	1.00	**26.3**	1.00	**61.8**	1.00	**23.6**	1.00	< 1.00	1.00	**3.13**	1.00	**8.76**	1.00
Hexachlorobutadiene		NA	< 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
Hexane		<1.5	< 1.00	1.00	**62.7**	1.00	**7.86**	1.00	**24**	1.00	< 1.00	1.00	**1.05**	1.00	**2.17**	1.00
Isopropylalcohol		NA	**1.09**	1.00	**5.53**	1.00	**13.9**	1.00	**7.44**	1.00	**4.1**	1.00	**7.74**	1.00	**9.29**	1.00
Isopropylbenzene			< 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
Xylene (m&p)		<4.3	**3.38**	1.00	**5.81**	1.00	< 1.00	1.00	< 1.00	1.00	**8.29**	1.00	< 1.00	1.00	**1.6**	1.00
Methyl Ethyl Ketone			**1.18**	1.00	**17**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.21**	1.00	**9.7**	1.00
MTBE		NA	< 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
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	**3.08**	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene			< 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
Xylene (o)		<4.3	**1.28**	1.00	**2.94**	1.00	< 1.00	1.00	< 1.00	1.00	**2.48**	1.00	< 1.00	1.00	< 1.00	1.00
Propylene		NA	< 1.00	1.00	< 1.00	1.00	**1.4**	1.00	**1.21**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene			< 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
Styrene		<1.0	< 1.00	1.00	**1.26**	1.00	< 1.00	1.00	< 1.00	1.00	**2.83**	1.00	< 1.00	1.00	< 1.00	1.00
Tetrachloroethene	30		**28.4**	0.25	**21.4**	0.25	**53.5**	0.25	**43.2**	0.25	**10.5**	0.25	**11**	0.25	**53.5**	0.25
Tetrahydrofuran		NA	< 1.00	1.00	**27.3**	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Toluene		1.0 - 6.1	**2.07**	1.00	**3.92**	1.00	**3.15**	1.00	**4.22**	1.00	**28.8**	1.00	**1.51**	1.00	**4.14**	1.00
trans-1,2-Dichloroethene		NA	< 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
trans-1,3-Dichloropropene		NA	< 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
Trichloroethene	2	<1.7	< 0.20	0.20	**0.42**	0.20	**0.65**	0.20	**0.28**	0.20	< 0.20	0.20	< 0.20	0.20	**0.26**	0.20
Trichlorofluoromethane		NA	**1.33**	1.00	**1.3**	1.00	**1.22**	1.00	**1.27**	1.00	**1.26**	1.00	< 1.00	1.00	**1.27**	1.00
Trichlorotrifluoroethane			< 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
Vinyl Chloride		<1.0	< 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
BTEX			**6.73**		**14.36**		**3.15**		**4.22**		**41.94**		**1.51**		**5.74**	
Total VOCs			**74.88**		**317.69**		**217.64**		**207.32**		**104.68**		**72.76**		**204.76**	

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 Database, Outdoor

Table 3
1815-1825 Ocean Avenue
Brooklyn, New York
Pre and Post Carbon

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SVE System Post Carbon											
			Post Carbon											
			9/29/2022		12/14/2022		3/27/2023		6/16/2023		9/14/2023		12/20/2023	
			(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)		(µg/m³)	
	(µg/m³) (a)	(µg/m³) (b)	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	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**3.45**	1.00	**6.63**	1.00	< 1.00	1.00	**14.9**	1.00	< 5.01	5.01	< 1.00	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.02	5.02	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	**2.2**	1.00	< 1.00	1.00	**3.21**	1.00	< 5.01	5.01	< 1.00	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
2-Hexanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
4-Ethyltoluene		NA	< 1.00	1.00	**6.63**	1.00	< 1.00	1.00	**11.7**	1.00	< 5.01	5.01	< 1.00	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.04**	1.00	< 5.00	5.00	< 1.00	1.00
4-Methyl-2-pentanone			**1.15**	1.00	**1.36**	1.00	< 1.00	1.00	**5.98**	1.00	< 4.99	4.99	< 1.00	1.00
Acetone		NA	**42.7**	1.00	**105**	5.01	**53.4**	1.00	**71.5**	1.00	**75**	5.01	**28**	1.00
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Benzene		<1.6 - 4.7	< 1.00	1.00	**5.56**	1.00	**1.13**	1.00	**1.66**	1.00	< 5.01	5.01	< 1.00	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Carbon Disulfide		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**0.57**	0.20	**0.49**	0.20	**0.58**	0.20	**0.54**	0.20	< 1.00	1.00	**0.43**	0.20
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Chloroform		<2.4	**16**	1.00	**7.51**	1.00	**8.98**	1.00	**18.9**	1.00	**33.3**	4.98	**10.5**	1.00
Chloromethane		<1.0 - 1.4	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
cis-1,2-Dichloroethene		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
Cyclohexane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Dichlorodifluromethane		NA	**2.55**	1.00	**2.61**	1.00	**3.13**	1.00	**2.8**	1.00	< 4.99	4.99	**2.87**	1.00
Ethanol			**23.9**	1.00	**132**	5.01	**43.9**	1.00	**78.5**	1.00	**16.8**	5.01	**20.3**	1.00
Ethyl Acetate		NA	**65.5**	1.00	**1.53**	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Ethylbenzene		<4.3	**1.25**	1.00	**7.51**	1.00	< 1.00	1.00	**10.2**	1.00	< 4.99	4.99	**1.27**	1.00
Heptane		NA	**3.8**	1.00	**8.19**	1.00	**1.69**	1.00	**11.8**	1.00	**30.2**	5.00	**2.2**	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Hexane		<1.5	**1.24**	1.00	**8.74**	1.00	**6.52**	1.00	**3.11**	1.00	< 5.00	5.00	< 1.00	1.00
Isopropylalcohol		NA	**22.5**	1.00	**28.3**	1.00	**23.3**	1.00	**74.4**	1.00	**24.3**	5.01	**15.1**	1.00
Isopropylbenzene			< 1.00	1.00	**1.94**	1.00	< 1.00	1.00	**2.29**	1.00	< 5.01	5.01	**1.04**	1.00
Xylene (m&p)		<4.3	**4.21**	1.00	**24.6**	1.00	**1.58**	1.00	**29.8**	1.00	**5.99**	4.99	**7.12**	1.00
Methyl Ethyl Ketone			**6.75**	1.00	**19.3**	1.00	**11.3**	1.00	**11.4**	1.00	**16.5**	5.01	**6.4**	1.00
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.01	5.01	< 1.00	1.00
Methylene Chloride		<3.4	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 15.0	15.0	< 3.00	3.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Xylene (o)		<4.3	**2.35**	1.00	**9.03**	1.00	< 1.00	1.00	**11**	1.00	< 4.99	4.99	**1**	1.00
Propylene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**1.44**	1.00	< 5.01	5.01	**1.05**	1.00
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Styrene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**12.8**	1.00	< 4.98	4.98	< 1.00	1.00
Tetrachloroethene	30		**30.2**	0.25	**1.79**	0.25	**3.63**	0.25	**17.2**	0.25	**19**	1.25	**14.2**	0.25
Tetrahydrofuran		NA	**1.83**	1.00	**24.6**	1.00	**23.4**	1.00	**11.1**	1.00	**23.8**	5.01	**5.54**	1.00
Toluene		1.0 - 6.1	**4.71**	1.00	**38.8**	1.00	**3.02**	1.00	**17**	1.00	**7.19**	5.01	**1.77**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 4.99	4.99	< 1.00	1.00
Trichloroethene	2	<1.7	< 0.20	0.20	**0.44**	0.20	< 0.20	0.20	< 0.20	0.20	< 0.99	0.99	< 0.20	0.20
Trichlorofluoromethane		NA	**1.16**	1.00	**1.12**	1.00	**1.47**	1.00	**1.2**	1.00	< 5.00	5.00	< 1.00	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 5.00	5.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 1.00	1.00	< 0.20	0.20
BTEX			**12.52**		**85.50**		**5.73**		**69.66**		**13.18**		**11.16**	
Total VOCs			**235.82**		**445.88**		**187.03**		**425.47**		**252.08**		**118.79**	

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 Database, Outdoor

APPENDICES

Appendix A

Low Flow Sampling Data Sheet

Site ID	176w-1
Field Personnel	NE
Date	12/20/23
Weather	
Monitoring Well ID	
Depth to Product	
Depth to Water	20.92
Depth to Bottom	26.77
Height of Water in Well	
Gallons of Water per Well Volume	
Flow Rate	200 ml/min

Time	11:20	11:28			
Temp (C)	17.67	16.98			
Conductivity (mS/cm)	0.361	0.366			
DO (mg/L)	2.01	1.98			
pH	6.61	6.08			
ORP	91	90			
Turbidity	200	161			

Sample ID	
Water Sample Time	11:30
Hydrogen Sample Time	

Comments well going dry

EnviroTrac

Low Flow Sampling Data Sheet

Site ID	176W-2
Field Personnel	DM
Date	12/20/23
Weather	
Monitoring Well ID	176W-2
Depth to Product	NA
Depth to Water	10.09
Depth to Bottom	20.11
Height of Water in Well	10.02
Gallons of Water per Well Volume	
Flow Rate	200 ml/min

Time	0815	0820	0825	0830	0835	~~0840~~
Temp (C)	16.27	17.22	17.19	17.17	17.16	
Conductivity (mS/cm)	0.360	0.363	0.371	0.371	0.372	
DO (mg/L)	1.19	0.00	0.00	0.00	0.00	
pH	6.43	6.69	~~7.00~~ 6.99	7.00	7.02	
ORP	8	-31	-59	-61	-62	
Turbidity	220	210	140	138	135	

Sample ID	176W-2
Water Sample Time	0840
Hydrogen Sample Time	

Comments Collected MS/MSD @ 0857

EnviroTrac

Low Flow Sampling Data Sheet

Site ID	176W-4
Field Personnel	DMA/MA
Date	12/20/24
Weather	35° Cloudy
Monitoring Well ID	176W-4
Depth to Product	NA
Depth to Water	21.01
Depth to Bottom	29.80
Height of Water in Well	
Gallons of Water per Well Volume	
Flow Rate	200 ml/min

Time	1030	1035	1040	1045	1050
Temp (C)	16.53	16.50	16.58	16.57	16.60
Conductivity (mS/cm)	0.314	0.310	0.308	0.308	0.308
DO (mg/L)	2.23	2.69	3.29	3.23	3.19
pH	9.94	9.58	9.21	9.16	9.09
ORP	95	116	133	135	138
Turbidity	205	176	120	106	100

Sample ID	
Water Sample Time	10:55
Hydrogen Sample Time	

Comments

EnviroTrac

Low Flow Sampling Data Sheet

Site ID	176W-6
Field Personnel	DM / MA
Date	12/20/23
Weather	
Monitoring Well ID	176W-6
Depth to Product	NA
Depth to Water	11.10
Depth to Bottom	20.92
Height of Water in Well	9.82
Gallons of Water per Well Volume	
Flow Rate	200 ml/min

Time	0910	0915	0920	0925	
Temp (C)	17.98	18.18	18.14	18.10	
Conductivity (mS/cm)	0.333	0.332	0.332	0.333	
DO (mg/L)	9.63	9.40	9.36	9.32	
pH	7.07	7.06	7.05	7.03	
ORP	100	96	94	93	
Turbidity	88.9	46	35.7	26.3	

Sample ID	~~DUP~~ 176W-6
Water Sample Time	0930
Hydrogen Sample Time	

Comments Collected Dup from 176W-6 @ 0949

EnviroTrac

Appendix B

PHOENIX
Environmental Laboratories, Inc.

Tuesday, January 02, 2024

Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: **1815 OCEAN AVE BROOKLYN, NY**
SDG ID: **GCP73441**
Sample ID#s: CP73441 - CP73446

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
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

January 02, 2024

SDG I.D.: GCP73441

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

January 02, 2024

SDG I.D.: GCP73441

Project ID: 1815 OCEAN AVE BROOKLYN, NY

Client Id	Lab Id	Matrix
17GW-2	CP73441	GROUND WATER
17GW-6	CP73442	GROUND WATER
17GW-4	CP73443	GROUND WATER
17GW-1	CP73444	GROUND WATER
DUPLICATE	CP73445	GROUND WATER
TRIP BLANKS	CP73446	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

January 02, 2024

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/20/23	8:40
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP73441
Phoenix ID: CP73441

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Client MS/MSD	Completed					12/27/23			
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2,4-Trimethylbenzene	11	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/27/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/27/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,3,5-Trimethylbenzene	2.8	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/27/23	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-2

Phoenix I.D.: CP73441

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	12/27/23	MH	SW8260D	
Acetone	ND		5.0	2.5	ug/L	1	12/27/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/27/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/27/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/27/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Bromomethane	0.37	J	5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/27/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Ethylbenzene	1.4		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/27/23	MH	SW8260D	
Isopropylbenzene	2.6		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
m&p-Xylene	17		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/27/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/27/23	MH	SW8260D	
Naphthalene	7.7		1.0	1.0	ug/L	1	12/27/23	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
n-Propylbenzene	2.3		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
o-Xylene	0.33	J	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
sec-Butylbenzene	0.37	J	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/27/23	MH	SW8260D	1
Toluene	0.33	J	1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/27/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/27/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/27/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	12/27/23	MH	70 - 130 %	
% Bromofluorobenzene	99				%	1	12/27/23	MH	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Dibromofluoromethane	102			%	1	12/27/23	MH	70 - 130 %	
% Toluene-d8	102			%	1	12/27/23	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	0.40	0.40	ug/l	1	12/29/23	KCA	SW8270ESIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	79			%	1	12/29/23	KCA	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					12/27/23	G/G		

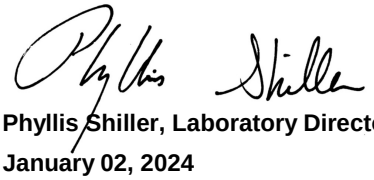
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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
January 02, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

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

January 02, 2024

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/20/23	9:49
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP73441
Phoenix ID: CP73442

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-6

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	12/22/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trimethylbenzene	13	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3,5-Trimethylbenzene	1.3	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-6

Phoenix I.D.: CP73442

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Ethylbenzene	2.7		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/22/23	MH	SW8260D	
Isopropylbenzene	1.0		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
m&p-Xylene	8.9		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
Naphthalene	4.6		1.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
n-Propylbenzene	1.7		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
o-Xylene	0.62	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	12/22/23	MH	70 - 130 %	
% Bromofluorobenzene	95				%	1	12/22/23	MH	70 - 130 %	
% Dibromofluoromethane	100				%	1	12/22/23	MH	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	103			%	1	12/22/23	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	0.40	0.40	ug/l	1	12/29/23	KCA	SW8270ESIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	82			%	1	12/29/23	KCA	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					12/27/23	G/G		

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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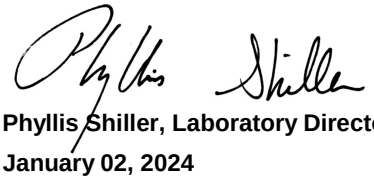


Phyllis Shiller, Laboratory Director
January 02, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

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

January 02, 2024

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/20/23	10:55
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP73441
Phoenix ID: CP73443

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trimethylbenzene	0.35	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3,5-Trimethylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
2-Isopropyltoluene	0.74	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-4

Phoenix I.D.: CP73443

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.4	JS	5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/22/23	MH	SW8260D	
Isopropylbenzene	1.6		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
n-Propylbenzene	0.38	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
sec-Butylbenzene	1.3		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
tert-Butylbenzene	0.28	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrachloroethene	2.8		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	12/22/23	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	12/22/23	MH	70 - 130 %	
% Dibromofluoromethane	99				%	1	12/22/23	MH	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	103			%	1	12/22/23	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	0.40	0.40	ug/l	1	12/29/23	KCA	SW8270ESIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	81			%	1	12/29/23	KCA	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					12/27/23	G/G		

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.

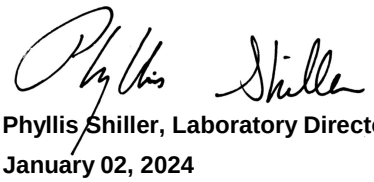
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab 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
January 02, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

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

January 02, 2024

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/20/23	11:30
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP73441
Phoenix ID: CP73444

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles										
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,1-Trichloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2-Trichloroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloropropene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichloropropane	ND		0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trimethylbenzene	1.7		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND		0.50	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromoethane	ND		0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloroethane	ND		0.60	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3,5-Trimethylbenzene	0.36	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichloropropane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,4-Dichlorobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2,2-Dichloropropane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Hexanone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
2-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	1
4-Chlorotoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
4-Methyl-2-pentanone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-1

Phoenix I.D.: CP73444

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	40	S	5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/22/23	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methyl ethyl ketone	8.1		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
Naphthalene	1.1		1.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
n-Propylbenzene	0.34	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrahydrofuran (THF)	100		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	12/22/23	MH	70 - 130 %	
% Bromofluorobenzene	97				%	1	12/22/23	MH	70 - 130 %	
% Dibromofluoromethane	100				%	1	12/22/23	MH	70 - 130 %	

Ver 1

Project ID: 1815 OCEAN AVE BROOKLYN, NY
Client ID: 17GW-1

Phoenix I.D.: CP73444

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	12/22/23	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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

January 02, 2024

Reviewed and Released by: Rashmi Makol, Project Manager

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

January 02, 2024

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/20/23	
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP73441
Phoenix ID: CP73445

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trimethylbenzene	14	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3,5-Trimethylbenzene	1.4	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	

Ver 1

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

Phoenix I.D.: CP73445

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromomethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Ethylbenzene	2.7		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	12/22/23	MH	SW8260D	
Isopropylbenzene	1.1		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
m&p-Xylene	9.0		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
Naphthalene	4.4		1.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
n-Propylbenzene	1.8		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
o-Xylene	0.62	J	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	100				%	1	12/22/23	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	12/22/23	MH	70 - 130 %	
% Dibromofluoromethane	97				%	1	12/22/23	MH	70 - 130 %	

Ver 1

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

Phoenix I.D.: CP73445

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	103			%	1	12/22/23	MH	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	0.20	0.20	ug/l	1	12/29/23	KCA	SW8270ESIM	1
QA/QC Surrogates									
% 1,4-dioxane-d8	78			%	1	12/29/23	KCA	70 - 130 %	
Extraction for 1,4-Dioxane	Completed					12/27/23	G/G		

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
January 02, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

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

January 02, 2024

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/20/23	
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCP73441
Phoenix ID: CP73446

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	12/22/23	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	12/22/23	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	

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

Phoenix I.D.: CP73446

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrolein	ND	5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	
Benzene	ND	0.70	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromobenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromoform	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Bromomethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloroform	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Chloromethane	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dibromomethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/22/23	MH	SW8260D	
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Methylene chloride	ND	3.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
Naphthalene	ND	1.0	1.0	ug/L	1	12/22/23	MH	SW8260D	
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
o-Xylene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Styrene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/22/23	MH	SW8260D	1
Toluene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/22/23	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/22/23	MH	SW8260D	
Trichloroethene	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/22/23	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	12/22/23	MH	70 - 130 %	
% Bromofluorobenzene	94			%	1	12/22/23	MH	70 - 130 %	
% Dibromofluoromethane	98			%	1	12/22/23	MH	70 - 130 %	

Ver 1

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

Phoenix I.D.: CP73446

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	103			%	1	12/22/23	MH	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected 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
January 02, 2024
Reviewed and Released by: Rashmi Makol, Project Manager

Tuesday, January 02, 2024

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCP73441 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP73441	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	7.7	1.0	5	5	ug/L
CP73441	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CP73441	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP73441	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP73441	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP73442	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP73442	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	13	1.0	5	5	ug/L
CP73442	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP73442	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP73443	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP73443	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP73443	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP73444	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP73444	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP73444	$8260DP25R	Tetrahydrofuran (THF)	NY / TOGS - Water Quality / GA Criteria	100	5.0	50	50	ug/L
CP73444	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP73445	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP73445	$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CP73445	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP73445	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP73446	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP73446	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP73446	$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

January 02, 2024

SDG I.D.: GCP73441

The samples in this delivery group were received at 1.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☐ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 1.7 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: EnviroTrac Ltd
Address: 5 Old Dock Road
Yaphank, NY 11980

Project: 1815 Ocean Ave, Brooklyn NY
Report to: Amy Calapa
Invoice to: acalapa@EnviroTrac.com
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: MA
Date: 12/20/23

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs 8260	1,4-Dioxane 8260	GL Amber 8 oz. [ ] w/H_3PO_4 [X] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( )oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO_3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
73441	176W-2	GW	12/20/23	8:40	X	X	X						3				9		
73442	176W-6	GW	12/20/23	9:49		X	X						1				3		
73443	176W-4	GW	12/20/23	10:55		X	X						1				3		
73444	176W-1	GW	12/20/23	11:30		X	X[AC]										3		
73445	Duplicate	GW	12/20/23			X	X						1				3		
73446	TripBlanks					X											2		

Relinquished by:	Accepted by:	Date:	Time:
		12/20/23	15:20
		12/21/23	0930
		12/21/23	19:25

Comments, Special Requirements or Regulations:
*Run MS/MSD on 176W-6

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

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

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☒ Standard
* SURCHARGE APPLIES

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

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

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

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

State Samples Collected? NY

PEL-111 Rev 1/2023

ANALYTICAL REPORT

Lab Number:	L2375404
Client:	Envirotrac Ltd. 5 Old Dock Road Yaphank, NY 11980
ATTN:	Debora Engelhardt
Phone:	(631) 924-3001
Project Name:	1815 OCEAN AVENUE
Project Number:	01.992724.00
Report Date:	01/11/24

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00

Lab Number: L2375404
Report Date: 01/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2375404-01	17GW-2	WATER	1815 OCEAN AVENUE, BROOKLYN NY	12/20/23 08:40	12/21/23
L2375404-02	17GW-6	WATER	1815 OCEAN AVENUE, BROOKLYN NY	12/20/23 09:49	12/21/23
L2375404-03	17GW-4	WATER	1815 OCEAN AVENUE, BROOKLYN NY	12/20/23 10:55	12/21/23
L2375404-04	17GW-1	WATER	1815 OCEAN AVENUE, BROOKLYN NY	12/20/23 11:30	12/21/23
L2375404-05	FIELD BLANK	WATER	1815 OCEAN AVENUE, BROOKLYN NY	12/20/23 11:30	12/21/23
L2375404-06	DUP	WATER	1815 OCEAN AVENUE, BROOKLYN NY	12/20/23 09:49	12/21/23

Project Name:	1815 OCEAN AVENUE	**Lab Number:**	L2375404
Project Number:	01.992724.00	**Report Date:**	01/11/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1815 OCEAN AVENUE	**Lab Number:**	L2375404
Project Number:	01.992724.00	**Report Date:**	01/11/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2375404-06: A sample identified as "DUP" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

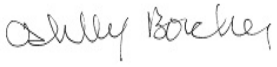
Perfluorinated Alkyl Acids by Isotope Dilution

L2375404-02: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

L2375404-04: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

WG1868483-6: The Extracted Internal Standard recovery for the WG1868483-6 MS, performed on L2375404-01, is below the acceptance criteria (less than 10%) for perfluoro[13c8]octanesulfonamide (m8fosa) (7%); however, all associated target analytes are within MS criteria; therefore, no further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Ashley Boucher

Title: Technical Director/Representative Date: 01/11/24

ORGANICS

SEMIVOLATILES

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-01
Client ID: 17GW-2
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY

Date Collected: 12/20/23 08:40
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/23 09:21
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.70		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	3.68		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	1.62	J	ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	2.84		ng/l	1.79	0.293	1
Perfluoroheptanoic Acid (PFHpA)	2.78		ng/l	1.79	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	0.922	J	ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	14.0		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.615	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	0.733	J	ng/l	1.79	0.450	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.579	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.876	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.518	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.718	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.332	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.292	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	14.7	J	ng/l	1.79	0.211	1

Project Name: 1815 OCEAN AVENUE **Lab Number:** L2375404

Project Number: 01.992724.00 **Report Date:** 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-01 Date Collected: 12/20/23 08:40

Client ID: 17GW-2 Date Received: 12/21/23

Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	80		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	86		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	107		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	69		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	64		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	61		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	60		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	57		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		22-136

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-02
Client ID: 17GW-6
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY

Date Collected: 12/20/23 09:49
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/02/24 17:42
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.512	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	69		10-112

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-02
Client ID: 17GW-6
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY

Date Collected: 12/20/23 09:49
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/23 10:11
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.27		ng/l	1.77	0.360	1
Perfluoropentanoic Acid (PFPeA)	1.94		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	1.11	J	ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	1.56	J	ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	1.46	J	ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	0.933	J	ng/l	1.77	0.332	1
Perfluorooctanoic Acid (PFOA)	6.58		ng/l	1.77	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.608	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.77	0.445	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.573	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.866	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.710	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.289	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	6.58		ng/l	1.77	0.208	1

Project Name: 1815 OCEAN AVENUE **Lab Number:** L2375404

Project Number: 01.992724.00 **Report Date:** 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-02 Date Collected: 12/20/23 09:49

Client ID: 17GW-6 Date Received: 12/21/23

Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	71		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	87		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	70		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	61		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	46		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	70		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	92		22-136

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-03
Client ID: 17GW-4
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY

Date Collected: 12/20/23 10:55
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/23 10:27
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	35.7		ng/l	1.77	0.362	1
Perfluoropentanoic Acid (PFPeA)	49.3		ng/l	1.77	0.351	1
Perfluorobutanesulfonic Acid (PFBS)	52.4		ng/l	1.77	0.211	1
Perfluorohexanoic Acid (PFHxA)	35.2		ng/l	1.77	0.291	1
Perfluoroheptanoic Acid (PFHpA)	11.6		ng/l	1.77	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	2.62		ng/l	1.77	0.333	1
Perfluorooctanoic Acid (PFOA)	32.6		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.610	1
Perfluorononanoic Acid (PFNA)	6.81		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	166		ng/l	1.77	0.447	1
Perfluorodecanoic Acid (PFDA)	5.91		ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.574	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.868	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.514	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.712	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.330	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.290	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.220	1
PFOA/PFOS, Total	199		ng/l	1.77	0.209	1

Project Name: 1815 OCEAN AVENUE **Lab Number:** L2375404

Project Number: 01.992724.00 **Report Date:** 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-03 Date Collected: 12/20/23 10:55

Client ID: 17GW-4 Date Received: 12/21/23

Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	81		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	67		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	39		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	41		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	58		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	33		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	54		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-04
Client ID: 17GW-1
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY

Date Collected: 12/20/23 11:30
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/23 11:46
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.0	J	ng/l	20.0	4.08	1
Perfluoropentanoic Acid (PFPeA)	20.6		ng/l	20.0	3.96	1
Perfluorobutanesulfonic Acid (PFBS)	8.36	J	ng/l	20.0	2.38	1
Perfluorohexanoic Acid (PFHxA)	13.5	J	ng/l	20.0	3.28	1
Perfluoroheptanoic Acid (PFHpA)	13.3	J	ng/l	20.0	2.25	1
Perfluorohexanesulfonic Acid (PFHxS)	4.20	J	ng/l	20.0	3.76	1
Perfluorooctanoic Acid (PFOA)	36.0		ng/l	20.0	2.36	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	24.2		ng/l	20.0	13.3	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	20.0	6.88	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	20.0	3.12	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	20.0	5.04	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	20.0	3.04	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	20.0	12.1	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	20.0	6.48	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	20.0	2.60	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	20.0	9.80	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	20.0	5.80	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	20.0	8.04	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	20.0	3.72	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	20.0	3.27	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	20.0	2.48	1
PFOA/PFOS, Total	36.0		ng/l	20.0	2.36	1

Project Name: 1815 OCEAN AVENUE **Lab Number:** L2375404

Project Number: 01.992724.00 **Report Date:** 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-04 Date Collected: 12/20/23 11:30

Client ID: 17GW-1 Date Received: 12/21/23

Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	66		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	67		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	71		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	88		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	70		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	41		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	62		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	62		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-05
Client ID: FIELD BLANK
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY

Date Collected: 12/20/23 11:30
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/23 12:02
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.09	0.427	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.09	0.415	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.09	0.249	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.09	0.343	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.09	0.236	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.09	0.394	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.09	0.247	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.09	1.39	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.09	0.720	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.09	0.327	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.09	0.528	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.09	0.318	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.09	1.27	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.09	0.678	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.09	0.272	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.09	1.03	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.09	0.607	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.09	0.842	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.09	0.390	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.09	0.343	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.09	0.260	1
PFOA/PFOS, Total	ND		ng/l	2.09	0.247	1

Project Name: 1815 OCEAN AVENUE **Lab Number:** L2375404

Project Number: 01.992724.00 **Report Date:** 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-05 Date Collected: 12/20/23 11:30

Client ID: FIELD BLANK Date Received: 12/21/23

Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	58		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	106		22-136

Project Name: 1815 OCEAN AVENUE
Lab Number: L2375404
Project Number: 01.992724.00
Report Date: 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-06
Client ID: DUP
Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY
Date Collected: 12/20/23 09:49
Date Received: 12/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/23 12:19
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.31		ng/l	1.77	0.362	1
Perfluoropentanoic Acid (PFPeA)	1.88		ng/l	1.77	0.351	1
Perfluorobutanesulfonic Acid (PFBS)	1.10	J	ng/l	1.77	0.211	1
Perfluorohexanoic Acid (PFHxA)	1.54	J	ng/l	1.77	0.291	1
Perfluoroheptanoic Acid (PFHpA)	1.43	J	ng/l	1.77	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	0.901	J	ng/l	1.77	0.334	1
Perfluorooctanoic Acid (PFOA)	6.36		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.610	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.277	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.77	0.447	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.270	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.575	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.231	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.869	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.514	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.713	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.330	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.290	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.220	1
PFOA/PFOS, Total	6.36		ng/l	1.77	0.209	1

Project Name: 1815 OCEAN AVENUE **Lab Number:** L2375404

Project Number: 01.992724.00 **Report Date:** 01/11/24

SAMPLE RESULTS

Lab ID: L2375404-06 Date Collected: 12/20/23 09:49

Client ID: DUP Date Received: 12/21/23

Sample Location: 1815 OCEAN AVENUE, BROOKLYN NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	72		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	71		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	68		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	48		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	97		22-136

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00
Lab Number: L2375404
Report Date: 01/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/02/24 17:23
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-06 Batch: WG1868483-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	70		10-112

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00
Lab Number: L2375404
Report Date: 01/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/23 15:07
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-06 Batch: WG1868483-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00
Lab Number: L2375404
Report Date: 01/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/23 15:07
Analyst: PS

Extraction Method: ALPHA 23528
Extraction Date: 12/27/23 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-06 Batch: WG1868483-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	117		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	103		22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 Batch: WG1868483-2								
Perfluorobutanoic Acid (PFBA)	95		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	97		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	88		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	100		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	99		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	99		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	87		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	96		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	94		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	81		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	94		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	95		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	89		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	90		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	100		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 Batch: WG1868483-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	71				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	71				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	113				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 Batch: WG1868483-2								
Perfluorooctanesulfonamide (FOSA)	101		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	92				10-112

Matrix Spike Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1868483-3 WG1868483-4 QC Sample: L2374102-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	14.7	38.4	53.5	101		51.8	98		67-148	3		30
Perfluoropentanoic Acid (PFPeA)	28.4	38.4	66.3	99		64.7	96		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	2.08	34.1	36.1	100		34.2	95		65-157	5		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36	35.3	98		32.5	91		37-219	8		30
Perfluorohexanoic Acid (PFHxA)	25.7	38.4	65.6	104		60.8	92		69-168	8		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	36.2	33.2	92		29.8	83		52-156	11		30
Perfluoroheptanoic Acid (PFHpA)	3.24	38.4	41.8	100		40.8	99		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	0.928J	35.1	32.9	91		31.2	87		69-177	5		30
Perfluorooctanoic Acid (PFOA)	4.13	38.4	40.4	94		42.9	102		63-159	6		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.6	35.7	98		35.5	98		49-187	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.6	36.3	99		36.6	101		61-179	1		30
Perfluorononanoic Acid (PFNA)	0.340J	38.4	40.7	105		37.8	99		68-171	7		30
Perfluorooctanesulfonic Acid (PFOS)	10.1F	35.6	43.0	92		42.2	91		52-151	2		30
Perfluorodecanoic Acid (PFDA)	ND	38.4	42.5	111		37.0	98		63-171	14		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.9	38.5	104		38.0	104		56-173	1		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.9	31.5	85		29.1	80		48-150	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.25J	38.4	39.7	100		38.6	98		60-166	3		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.4	40.0	104		39.4	104		60-153	2		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.1	30.3	82		30.3	83		38-156	0		30
Perfluorooctanesulfonamide (FOSA)	ND	38.4	38.0F	99		34.2	90		46-170	11		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.66J	38.4	45.8	115		41.4	105		45-170	10		30
Perfluorododecanoic Acid (PFDoA)	ND	38.4	39.4	103		36.1	95		67-153	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1868483-3 WG1868483-4 QC Sample: L2374102-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.4	36.4	95		38.0	100		48-158	4		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.4	39.5	103		40.0	105		59-182	1		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	144		124		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**204**	Q	**182**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**201**	Q	**178**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		73		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		72		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		68		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	72		71		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		78		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		75		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		86		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		76		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	78		74		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		25		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	84		74		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		80		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		83		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		82		70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1868483-5 WG1868483-6 QC Sample: L2375404-01 Client ID: 17GW-2												
Perfluorobutanoic Acid (PFBA)	5.70	36.3	42.7	102		43.5	104		67-148	2		30
Perfluoropentanoic Acid (PFPeA)	3.68	36.3	38.5	96		39.3	98		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	1.62J	32.2	31.7	93		33.1	97		65-157	4		30
Perfluorohexanoic Acid (PFHxA)	2.84	36.3	38.5	98		38.6	98		69-168	0		30
Perfluoroheptanoic Acid (PFHpA)	2.78	36.3	37.2	95		39.4	101		58-159	6		30
Perfluorohexanesulfonic Acid (PFHxS)	0.922J	33.1	29.4	86		31.2	91		69-177	6		30
Perfluorooctanoic Acid (PFOA)	14.0	36.3	52.0	105		50.3	100		63-159	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.5	33.8	98		34.4	99		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.6	34.6	100		35.6	102		61-179	3		30
Perfluorononanoic Acid (PFNA)	ND	36.3	36.2	100		36.5	100		68-171	1		30
Perfluorooctanesulfonic Acid (PFOS)	0.733J	33.6	31.1	90		33.9	98		52-151	9		30
Perfluorodecanoic Acid (PFDA)	ND	36.3	34.5	95		37.5	103		63-171	8		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.8	40.4	116		40.2	115		56-173	0		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.3	35.6	98		36.1	99		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.3	39.5	109		39.6	109		60-153	0		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35	25.8	74		26.9	76		38-156	4		30
Perfluorooctanesulfonamide (FOSA)	ND	36.3	35.6	98		34.6F	95		46-170	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.3	38.5	106		39.5	108		45-170	3		30
Perfluorododecanoic Acid (PFDoA)	ND	36.3	36.7	101		35.5	98		67-153	3		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.3	35.2	97		36.3	100		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	ND	36.3	39.5	109		33.7	93		59-182	16		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1815 OCEAN AVENUE

Project Number: 01.992724.00

Lab Number: L2375404

Report Date: 01/11/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1868483-5 WG1868483-6 QC Sample: L2375404-01 Client ID: 17GW-2

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	57		57		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	136		119		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		44		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		48		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	56		57		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		62		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		67		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		71		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		84		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	56		61		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		81		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		72		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	71		67		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		**7**	Q	10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		76		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72		74		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		69		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		84		70-131

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00

Lab Number: L2375404
Report Date: 01/11/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2375404-01A	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-01A1	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-01A2	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-01B	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-01B1	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-01B2	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-02A	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-02B	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-03A	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-03B	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-04A	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-05A	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-06A	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)
L2375404-06B	Plastic 250ml unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(28)

*Values in parentheses indicate holding time in days

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00

Lab Number: L2375404
Report Date: 01/11/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1815 OCEAN AVENUE
Project Number: 01.992724.00

Lab Number: L2375404
Report Date: 01/11/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1815 OCEAN AVENUE	**Lab Number:**	L2375404
Project Number:	01.992724.00	**Report Date:**	01/11/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1815 OCEAN AVENUE	**Lab Number:**	L2375404
Project Number:	01.992724.00	**Report Date:**	01/11/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1815 OCEAN AVENUE	**Lab Number:**	L2375404
Project Number:	01.992724.00	**Report Date:**	01/11/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1815 OCEAN AVENUE	**Lab Number:**	L2375404
Project Number:	01.992724.00	**Report Date:**	01/11/24

REFERENCES

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 12/22/23

ALPHA Job #: L2375404

Client Information
Client: EnviroTrac Ltd
Address: 5 Old Dock Road
Yaphank NY 11980
Phone: 631-924-3001
Fax:
Email: acalapa@envirotrac.com

Project Information
Project Name: 1815 Ocean Avenue, Brooklyn
Project Location: 1815 Ocean Avenue, Brooklyn NY
Project #: 01.992724.00
(Use Project name as Project #) ☐
Project Manager: Amy Calapa
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other EQuIS NY

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	21 PFAS Compounds 537 (mod)	Sample Filtration / Preservation	Sample Specific Comments	Total Bottle
75404-01	176W-2	12/20/23	8:40	GW	NB	X		Run MS MSD	6
02	176W-6	12/20/23	9:49	GW	NB	X			
03	176W-4	12/20/23	10:55	GW	NB	X			
04	176W-1	12/20/23	11:30	GW	NB	X			
05	Field Blank					X			

Container Type: P
Preservative: A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/20/23 15:00		
	12/21/23		12/21 10:05
Paul Mazzella	12/21/23	Paul Mazzella	12/21/23 16:50
	12/21/23 2325		12/21/23 23:25
	12/22/23 500 (OJ)		
F. Mendoza AAL	12/22/23 0700		12/22/23 0700

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Appendix C

PHOENIX
Environmental Laboratories, Inc.

Wednesday, December 27, 2023

Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: **OCEAN UNITS 1815-1825 OCEAN AVE**
SDG ID: **GCP73447**
Sample ID#s: **CP73447 - CP73448**

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
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

Sample Id Cross Reference

December 27, 2023

SDG I.D.: GCP73447

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE

Client Id	Lab Id	Matrix
SVE CARBON INF	CP73447	AIR
SVE CARBON EFF	CP73448	AIR

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

NY # 11301

Analysis Report

December 27, 2023

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MA	12/20/23	8:30
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21356				

Laboratory Data

SDG ID: GCP73447
Phoenix ID: CP73447

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE
Client ID: SVE CARBON INF

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	12/22/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	12/22/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	12/22/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	12/22/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	12/22/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	12/22/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	12/22/23	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	12/22/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	12/22/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	12/22/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	12/22/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	12/22/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	12/22/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	12/22/23	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	12/22/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	12/22/23	KCA	1	
Acetone	8.77	*0.421*	20.8	*1.00*	12/22/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	12/22/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	12/22/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	12/22/23	KCA	1	

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE

Phoenix I.D.: CP73447

Client ID: SVE CARBON INF

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	12/22/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	12/22/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	12/22/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	12/22/23	KCA	1	
Carbon Tetrachloride	0.075	*0.032*	0.47	*0.20*	12/22/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	12/22/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	12/22/23	KCA	1	
Chloroform	1.94	*0.205*	9.47	*1.00*	12/22/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	12/22/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	12/22/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	12/22/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	12/22/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	12/22/23	KCA	1	
Dichlorodifluoromethane	0.580	*0.202*	2.87	*1.00*	12/22/23	KCA	1	
Ethanol	11.5	*0.531*	21.7	*1.00*	12/22/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	12/22/23	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	12/22/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	12/22/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	12/22/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	12/22/23	KCA	1	
Isopropylalcohol	6.79	*0.407*	16.7	*1.00*	12/22/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	
m,p-Xylene	ND	*0.230*	ND	*1.00*	12/22/23	KCA	1	
Methyl Ethyl Ketone	1.59	*0.339*	4.69	*1.00*	12/22/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	12/22/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	12/22/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	12/22/23	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	12/22/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	12/22/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	12/22/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	12/22/23	KCA	1	
Tetrachloroethene	1.70	*0.037*	11.5	*0.25*	12/22/23	KCA	1	
Tetrahydrofuran	2.27	*0.339*	6.69	*1.00*	12/22/23	KCA	1	1
Toluene	ND	*0.266*	ND	*1.00*	12/22/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	12/22/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	12/22/23	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	12/22/23	KCA	1	
Trichlorofluoromethane	0.193	*0.178*	1.08	*1.00*	12/22/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	12/22/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	12/22/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	102	*%*	102	*%*	12/22/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	12/22/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	12/22/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	12/22/23	KCA	1	

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE
Client ID: SVE CARBON INF

Phoenix I.D.: CP73447

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

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

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

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

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
December 27, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

December 27, 2023

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MA	12/20/23	8:35
Location Code:	ENVIROTR	Received by:	CP	12/21/23	19:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	499				

Laboratory Data

SDG ID: GCP73447
Phoenix ID: CP73448

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE
Client ID: SVE CARBON EFF

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	12/22/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	12/22/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	12/22/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	12/22/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	12/22/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	12/22/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	12/22/23	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	12/22/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	12/22/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	12/22/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	12/22/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	12/22/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	12/22/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	12/22/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	12/22/23	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	12/22/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	12/22/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	12/22/23	KCA	1	
Acetone	11.8	*0.421*	28.0	*1.00*	12/22/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	12/22/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	12/22/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	12/22/23	KCA	1	

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE
Client ID: SVE CARBON EFF

Phoenix I.D.: CP73448

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	12/22/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	12/22/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	12/22/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	12/22/23	KCA	1	
Carbon Tetrachloride	0.068	*0.032*	0.43	*0.20*	12/22/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	12/22/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	12/22/23	KCA	1	
Chloroform	2.15	*0.205*	10.5	*1.00*	12/22/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	12/22/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	12/22/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	12/22/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	12/22/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	12/22/23	KCA	1	
Dichlorodifluoromethane	0.581	*0.202*	2.87	*1.00*	12/22/23	KCA	1	
Ethanol	10.8	*0.531*	20.3	*1.00*	12/22/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	12/22/23	KCA	1	1
Ethylbenzene	0.293	*0.230*	1.27	*1.00*	12/22/23	KCA	1	
Heptane	0.537	*0.244*	2.20	*1.00*	12/22/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	12/22/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	12/22/23	KCA	1	
Isopropylalcohol	6.13	*0.407*	15.1	*1.00*	12/22/23	KCA	1	
Isopropylbenzene	0.212	*0.204*	1.04	*1.00*	12/22/23	KCA	1	
m,p-Xylene	1.64	*0.230*	7.12	*1.00*	12/22/23	KCA	1	
Methyl Ethyl Ketone	2.17	*0.339*	6.40	*1.00*	12/22/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	12/22/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	12/22/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	12/22/23	KCA	1	1
o-Xylene	0.231	*0.230*	1.00	*1.00*	12/22/23	KCA	1	
Propylene	0.613	*0.581*	1.05	*1.00*	12/22/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	12/22/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	12/22/23	KCA	1	
Tetrachloroethene	2.09	*0.037*	14.2	*0.25*	12/22/23	KCA	1	
Tetrahydrofuran	1.88	*0.339*	5.54	*1.00*	12/22/23	KCA	1	1
Toluene	0.471	*0.266*	1.77	*1.00*	12/22/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	12/22/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	12/22/23	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	12/22/23	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	12/22/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	12/22/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	12/22/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	106	*%*	106	*%*	12/22/23	KCA	1	
% IS-1,4-Difluorobenzene	97	*%*	97	*%*	12/22/23	KCA	1	
% IS-Bromochloromethane	98	*%*	98	*%*	12/22/23	KCA	1	
% IS-Chlorobenzene-d5	101	*%*	101	*%*	12/22/23	KCA	1	

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

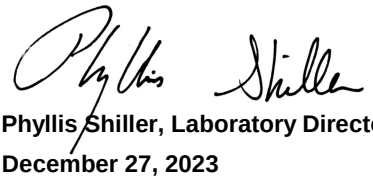
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

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
December 27, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

December 27, 2023

FOR: Attn: Amy Calapa
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Location Code: ENVIROTR

SDG I.D.: GCP73447

Project ID: OCEAN UNITS 1815-1825 OCEAN AVE

						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
SVE CARBON INF	CP73447	21356	6.0L	10680	12/18/23	-30	0	182	185	1.6	-26	0	12/20/23 08:00	12/20/23 08:30
SVE CARBON EFF	CP73448	499	6.0L	6996	12/18/23	-30	0	181	187	3.3	-29	0	12/20/23 08:05	12/20/23 08:35

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 27, 2023

QA/QC Data

SDG I.D.: GCP73447

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 711750 (ppbv), QC Sample No: CP73447 (CP73447, CP73448)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	106	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	101	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	107	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	99	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	116	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	100	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	99	20.8	20.9	8.77	8.81	0.5	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	105	0.47	0.47	0.075	0.075	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	9.47	9.6	1.94	1.97	1.5	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	100	ND	1.37	ND	0.398	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	105	2.87	2.88	0.580	0.582	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	54	21.7	20.7	11.5	11.0	4.4	70 - 130	25

QA/QC Data

SDG I.D.: GCP73447

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.280	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	109	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	110	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	85	16.7	16.8	6.79	6.83	0.6	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	105	4.69	4.66	1.59	1.58	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	106	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	100	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	101	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	109	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	102	11.5	11.4	1.70	1.68	1.2	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	108	6.69	6.51	2.27	2.21	2.7	70 - 130	25
Toluene	ND	0.270	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	103	1.08	1.10	0.193	0.196	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	106	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	98	%	98	%	100	102	101	102	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	100	%	100	%	100	99	98	99	98	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	97	100	99	100	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	100	%	100	%	105	99	98	99	98	NC	60 - 140	25

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

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

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

Phyllis Shiller, Laboratory Director
December 27, 2023

Wednesday, December 27, 2023

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCP73447 - ENVIROTR

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

December 27, 2023 SDG I.D.: GCP73447

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

AIRSIM

CHEM39 12/23/23-1: CP73447, CP73448

The following Continuing Calibration compounds did not meet % deviation criteria: 1,4-Dioxane(sim) 32%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: 1,4-Dioxane(sim) 32%H (30%)

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
ENVIROTR

860-645-1102
email: greg@phoenixlabs.com

P.O. # [redacted] Page 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: AmyL@Envirotrac.com
☐ Phone #:

Report to: Amy Calapa
Customer: EnviroTrac
Address: 5 Old Dock Rd
15310 Yaphank, NY 11980

Project Name: Clean Un-Ts 1815-1825 Main Ave
Invoice to:
Sampled by: Mike 11:29 AM

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B / MCP NJ Deliverables
Quote Number:

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-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
73447	SVE Carbon Inf	21356	6.0L	-30	0	10680	182	8:00	8:30	12/20	26	0			G	X	
73448	SVE Carbon Eff	499	6.0L	-30	0	6996	181	8:05	8:35	12/20	29	0			G	X	
		~~13647~~	~~6.0L~~	~~-30~~		~~6995~~	~~183~~										

Relinquished by:	Accepted by:	Date:	Time:
[redacted]	[redacted]	12/20/23	
	[redacted]	12/21/23	19:25

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: [redacted] Date: 12/20/23

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(3) - 6.0L 30 min

Received Unused ES

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☐

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial

Appendix D

Operation & Maintenance Data Sheet
Ocean Units
1815-1825 Ocean Avenue
Brooklyn, NY

EnviroTrac Environmental Services
5 Old Dock Road, Yaphank, NY 11980
(631)924-3001, Fax (631)924-5001

Date: 12/20/23
Weather / Temp: 36° clear
Technician / Operator: MA

Arrival Time: 7:00
Departure Time: 15:00

System Status					
	Arrival	Departure		Arrival	Departure
SVE Blower (ON/OFF)	ON		AS Blower (ON/OFF)	ON	

Soil Vapor Extraction System			
Blower Inlet Vacuum ("H2O)	18	Vacuum Before Moisture Separatror ("H2O)	16
Fresh Air Valve Open (%)	0	Drained Moisture Separator? (Y or N)	Y
Discharge Flow Rate (cfm)	161		
VGAC-1 Influent Pressure ("H2O)	22	VGAC-1 Influent PID (ppm)	1.7
VGAC-2 Influent Pressure ("H2O)	18	VGAC-2 Influent PID (ppm)	0.8
VGAC-2 Effluent Pressure ("H2O)	5	VGAC-2 Effluent PID (ppm)	0.4

SVE Wellheads			
Well ID	Vacuum ("H2O)	Well ID	Vacuum ("H2O)
SVE-1	15.00	SVE-2	NA

Air Sparge System			
AS Blower Pressure (psi)	7		
AS Header Pipe #2 Pressure (psi)	10	AS Header Pipe #1 Pressure (psi)	5

AS Wellheads			
Well ID	Pressure (psi)	Well ID	Pressure (psi)
AS-1	3.5	AS-2	6.0
AS-3	NA	AS-4	6.0
AS-5	NA	AS-6	5.0
AS-7	4.0	AS-8	NA

Notes, Comments & Observations:

NA = not accessible

NM = not measured

Appendix E

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1815-1825 OCEAN AVENUE, BROOKLYN, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: GCP73441
Laboratory: Phoenix Environmental Laboratories, Manchester, Connecticut
Site: 1815-1825 Ocean Avenue, Brooklyn, New York
Date: March 6, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	17GW-2	CP73441	Water
1MS	17GW-2MS	CP73441MS	Water
1MSD	17GW-2MSD	CP73441MSD	Water
2	17GW-6	CP73442	Water
3	17GW-4	CP73443	Water
4*	17GW-1	CP73444	Water
5	DUPLICATE	CP73445	Water
6*	TRIP BLANKS	CP73446	Water

* - VOC only

A Data Usability Summary Review was performed on the analytical data for five water samples and one aqueous trip blank sample collected on December 20, 2023 by EnviroTrac at the 1815-1825 Ocean Avenue site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) "Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C
1,4-Dioxane	USEPA SW-846 Method 8270D SIM

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-33A, Revision 1, September 2016: Low/Medium Volatile Data Validation;
- SOP Number HW-35A, Revision 1, September 2016: Semivolatile Data Validation;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Tentatively Identified Compounds (TICs)
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
12/22/23 (0708)	Acrolein	25.7%	UJ	All Samples
	Acrylonitrile	22.8%		

Method Blank

- The method blanks were free of contamination.

Field Blank

- The field QC samples are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRIP BLANKS	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

Sample ID	Compound	MS %R/MSD/%R/RPD	Qualifier
1	Bromomethane	OK/146%/OK	J
	Chloroethane	OK/144%/OK	None - Sample ND
	Trichlorofluoromethane	OK/134%/OK	

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The following table presents LCS/LCSD percent recoveries (%R) and RPD values outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS/LCSD ID	Compound	%R/%RSD/RPD	Qualifier	Affected Samples
CP73394LCS/LCSD	Chloromethane	134%/OK/OK	None	All Associated ND
	Chloroethane	133%/OK/OK		
	Acrolein	144%/149%/OK		
	cis-1,2-Dichloroethene	131%/OK/OK		
	2,2-Dichloropropane	141%/OK/OK		
	Acetone	OK/131%/OK	J	1, 3, 4

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Field Duplicate Sample Precision

- Field duplicate samples are summarized below. The precision was acceptable.

Compound	17GW-6 ug/L	DUPLICATE ug/L	RPD	Qualifier
Ethylbenzene	2.7	2.7	0%	None
m&p-Xylene	8.9	9.0	1%	
o-Xylene	0.62	0.62	0%	
Isopropylbenzene	1.0	1.1	10%	
n-Propylbenzene	1.7	1.8	6%	
1,3,5-Trimethylbenzene	1.3	1.4	7%	

Compound	17GW-6 ug/L	DUPLICATE ug/L	RPD	Qualifier
1,2,4-Trimethylbenzene	13	14	7%	None
Naphthalene	4.6	4.4	4%	

Semivolatile Organic Compounds (1,4-Dioxane)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not analyzed.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate percent recoveries (%R).

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD)

- The LCS/LCSD samples exhibited acceptable %R values and RPD values.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Compound Quantitation

- All criteria were met.

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Field Duplicate Sample Precision

- Field duplicate samples are summarized below. The precision was acceptable.

Compound	17GW-6 ug/L	DUPLICATE ug/L	RPD	Qualifier
None	ND	ND	-	-

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/6/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 1

17GW-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73441

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_14.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	
74-87-3	Chloromethane	5.0	U	0.25	5.0	
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	
74-83-9	Bromomethane	0.68	~~U~~	J 0.25	5.0	
75-00-3	Chloroethane	5.0	U	0.25	5.0	
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	
107-02-8	Acrolein	5.0	~~U~~	UJ 2.5	5.0	
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	
67-64-1	Acetone	5.0		J 2.5	5.0	
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	
107-13-1	Acrylonitrile	5.0	~~U~~	UJ 2.5	5.0	
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	
67-66-3	Chloroform	5.0	U	0.25	5.0	
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	
109-99-9	Tetrahydrofuran (THF)	5.0	U	2.5	5.0	
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	
71-43-2	Benzene	0.70	U	0.25	0.70	
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	
79-01-6	Trichloroethene	1.0	U	0.25	1.0	
74-95-3	Dibromomethane	1.0	U	0.25	1.0	
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	
108-88-3	Toluene	0.35	J	0.25	1.0	
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

17GW-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73441

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_14.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	
106-93-4	1,2-Dibromoethane	1.0	U	0.25	1.0	
591-78-6	2-Hexanone	2.5	U	2.5	2.5	
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	
100-41-4	Ethylbenzene	1.6		0.25	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	
179601-23-1	m&p-Xylene	18		0.25	1.0	
95-47-6	o-Xylene	0.36	J	0.25	1.0	
100-42-5	Styrene	1.0	U	0.25	1.0	
75-25-2	Bromoform	5.0	U	0.25	5.0	
98-82-8	Isopropylbenzene	2.6		0.25	1.0	
108-86-1	Bromobenzene	1.0	U	0.25	1.0	
103-65-1	n-Propylbenzene	2.4		0.25	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	
108-67-8	1,3,5-Trimethylbenzene	2.9		0.25	1.0	
96-18-4	1,2,3-Trichloropropane	1.0	U	0.25	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	2.5	2.5	
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	
95-63-6	1,2,4-Trimethylbenzene	13		0.25	1.0	
135-98-8	sec-Butylbenzene	0.39	J	0.25	1.0	
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	0.50	1.0	
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	
91-20-3	Naphthalene	8.7		1.0	1.0	
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 2

17GW-6

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73442

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_15.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	~~U~~ UJ	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	~~U~~ UJ	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 316124

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 2

17GW-6

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73442

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_15.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	0.25	U	0.25	0.25	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	2.7		0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	8.9		0.25	1.0	r
95-47-6	o-Xylene	0.62	J	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	0.25	5.0	r
98-82-8	Isopropylbenzene	1.0		0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.7		0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.3		0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	0.25	U	0.25	0.25	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	13		0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	4.6		1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 3

17GW-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73443

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_16.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	~~U~~ UJ	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	3.4	~~J~~ J	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	~~U~~ UJ	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	2.8		0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 3

17GW-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73443

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_16.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	0.25	U	0.25	0.25	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	0.25	5.0	r
98-82-8	Isopropylbenzene	1.6		0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	0.38	J	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	0.25	U	0.25	0.25	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	0.28	J	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	0.35	J	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.3		0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	0.74	J	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 5/6/24

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID: 4

17GW-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73444

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_17.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	~~U~~ UJ	2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	40	~~J~~ J	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	~~U~~ UJ	2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	100		2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	8.1		2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MD 3/6/24

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 4

17GW-1

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73444

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_17.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	0.25	U	0.25	0.25	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	0.34	J	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	0.36	J	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	0.25	U	0.25	0.25	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.7		0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.1		1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

CLIENT ID 5

VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73445

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_18.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	U	UJ 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	U	UJ 2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID 5

DUPLICATE

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73445

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_18.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	0.25	U	0.25	0.25	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	2.7		0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	9.0		0.25	1.0	r
95-47-6	o-Xylene	0.62	J	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	0.25	5.0	r
98-82-8	Isopropylbenzene	1.1		0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.8		0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.4		0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	0.25	U	0.25	0.25	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	14		0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	4.4		1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT ID: 6 — TRIP BLANKS

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73446

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_13.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
75-71-8	Dichlorodifluoromethane	1.0	U	0.25	1.0	r
74-87-3	Chloromethane	5.0	U	0.25	5.0	r
75-01-4	Vinyl Chloride	1.0	U	0.25	1.0	r
74-83-9	Bromomethane	5.0	U	0.25	5.0	r
75-00-3	Chloroethane	5.0	U	0.25	5.0	r
75-69-4	Trichlorofluoromethane	1.0	U	0.25	1.0	r
75-35-4	1,1-Dichloroethene	1.0	U	0.25	1.0	r
76-13-1	Trichlorotrifluoroethane	1.0	U	0.25	1.0	r
75-15-0	Carbon Disulfide	1.0	U	0.25	1.0	r
107-02-8	Acrolein	5.0	~~U~~	UJ 2.5	5.0	r
75-09-2	Methylene Chloride	3.0	U	1.0	3.0	r
67-64-1	Acetone	5.0	U	2.5	5.0	r
156-60-5	Trans-1,2-Dichloroethene	5.0	U	0.25	5.0	r
1634-04-4	Methyl t-Butyl Ether (MTBE)	1.0	U	0.25	1.0	r
75-34-3	1,1-Dichloroethane	5.0	U	0.25	5.0	r
107-13-1	Acrylonitrile	5.0	~~U~~	UJ 2.5	5.0	r
156-59-2	Cis-1,2-Dichloroethene	1.0	U	0.25	1.0	r
594-20-7	2,2-Dichloropropane	1.0	U	0.25	1.0	r
74-97-5	Bromochloromethane	1.0	U	0.25	1.0	r
67-66-3	Chloroform	5.0	U	0.25	5.0	r
56-23-5	Carbon Tetrachloride	1.0	U	0.25	1.0	r
109-99-9	Tetrahydrofuran (THF)	5.0	U	2.5	5.0	r
71-55-6	1,1,1-Trichloroethane	5.0	U	0.25	5.0	r
78-93-3	Methyl Ethyl Ketone	2.5	U	2.5	2.5	r
563-58-6	1,1-Dichloropropene	1.0	U	0.25	1.0	r
71-43-2	Benzene	0.70	U	0.25	0.70	r
107-06-2	1,2-Dichloroethane	0.60	U	0.50	0.60	r
79-01-6	Trichloroethene	1.0	U	0.25	1.0	r
74-95-3	Dibromomethane	1.0	U	0.25	1.0	r
78-87-5	1,2-dichloropropane	1.0	U	0.25	1.0	r
75-27-4	Bromodichloromethane	1.0	U	0.25	1.0	r
10061-01-5	cis-1,3-Dichloropropene	0.40	U	0.25	0.40	r
108-88-3	Toluene	1.0	U	0.25	1.0	r
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.5	2.5	r
127-18-4	Tetrachloroethene	1.0	U	0.25	1.0	r
10061-02-6	trans-1,3-Dichloropropene	0.40	U	0.25	0.40	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

CLIENT ID 6

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIP BLANKS

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73446

Sample wt/vol: 5 (g/mL) mL Lab File ID: 1222_13.D

Level: (low/med/meth): Low Date Received: 12/21/23

% Moisture: n.a. Date Analyzed: 12/22/23

Instrument: CHEM23 Column: RTX-VMS Dilution Factor: 1

Purge Volume 5000 (uL) pH: < 2 Soil Aliquot Vol: n.a. (uL)

Matrix: (soil/water) Water CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL/LOD	RL/PQL	R
79-00-5	1,1,2-Trichloroethane	1.0	U	0.25	1.0	r
124-48-1	Dibromochloromethane	1.0	U	0.25	1.0	r
142-28-9	1,3-Dichloropropane	1.0	U	0.25	1.0	r
106-93-4	1,2-Dibromoethane	0.25	U	0.25	0.25	r
591-78-6	2-Hexanone	2.5	U	2.5	2.5	r
108-90-7	Chlorobenzene	5.0	U	0.25	5.0	r
100-41-4	Ethylbenzene	1.0	U	0.25	1.0	r
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	0.25	1.0	r
179601-23-1	m&p-Xylene	1.0	U	0.25	1.0	r
95-47-6	o-Xylene	1.0	U	0.25	1.0	r
100-42-5	Styrene	1.0	U	0.25	1.0	r
75-25-2	Bromoform	5.0	U	0.25	5.0	r
98-82-8	Isopropylbenzene	1.0	U	0.25	1.0	r
108-86-1	Bromobenzene	1.0	U	0.25	1.0	r
103-65-1	n-Propylbenzene	1.0	U	0.25	1.0	r
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	0.25	1.0	r
95-49-8	2-Chlorotoluene	1.0	U	0.25	1.0	r
108-67-8	1,3,5-Trimethylbenzene	1.0	U	0.25	1.0	r
96-18-4	1,2,3-Trichloropropane	0.25	U	0.25	0.25	r
110-57-6	trans-1,4-Dichloro-2-butene	2.5	U	2.5	2.5	r
106-43-4	4-Chlorotoluene	1.0	U	0.25	1.0	r
98-06-6	tert-Butylbenzene	1.0	U	0.25	1.0	r
95-63-6	1,2,4-Trimethylbenzene	1.0	U	0.25	1.0	r
135-98-8	sec-Butylbenzene	1.0	U	0.25	1.0	r
99-87-6	p-Isopropyltoluene	1.0	U	0.25	1.0	r
541-73-1	1,3-Dichlorobenzene	1.0	U	0.25	1.0	r
106-46-7	1,4-Dichlorobenzene	1.0	U	0.25	1.0	r
527-84-4	2-Isopropyltoluene	1.0	U	0.25	1.0	r
104-51-8	n-Butylbenzene	1.0	U	0.25	1.0	r
95-50-1	1,2-Dichlorobenzene	1.0	U	0.25	1.0	r
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50	r
87-68-3	Hexachlorobutadiene	0.50	U	0.20	0.50	r
120-82-1	1,2,4-Trichlorobenzene	1.0	U	0.25	1.0	r
91-20-3	Naphthalene	1.0	U	1.0	1.0	r
87-61-6	1,2,3-Trichlorobenzene	1.0	U	0.25	1.0	r

FORM I VOA

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

1

ANALYSIS DATA SHEET

CLIENT ID

17GW-2

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73441

Sample wt/vol: 50.00 (g/mL) mL Lab File ID: 1228_51.D

Concentrated Extract Volume: 1000 (uL) Date Received: 12/21/23

% Moisture: n.a. Date Extracted: 12/27/23

Instrument: CHEM34 Inj. Vol. 1.0 (uL) Date Analyzed: 12/29/23

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Water CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
123-91-1	1,4-Dioxane	0.40	U	0.40	0.40	r

FORM I DIOX

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

1

ANALYSIS DATA SHEET

CLIENT ID

2

17GW-6

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73442

Sample wt/vol: 50.00 (g/mL) mL Lab File ID: 1228_68.D

Concentrated Extract Volume: 1000 (uL) Date Received: 12/21/23

% Moisture: n.a. Date Extracted: 12/27/23

Instrument: CHEM34 Inj. Vol. 1.0 (uL) Date Analyzed: 12/29/23

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Water CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
123-91-1	1,4-Dioxane	0.40	U	0.40	0.40	r

FORM I DIOX

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

ANALYSIS DATA SHEET

CLIENT ID 3

17GW-4

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73443

Sample wt/vol: 50.00 (g/mL) mL Lab File ID: 1228_70.D

Concentrated Extract Volume: 1000 (uL) Date Received: 12/21/23

% Moisture: n.a. Date Extracted: 12/27/23

Instrument: CHEM34 Inj. Vol. 1.0 (uL) Date Analyzed: 12/29/23

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Water CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
123-91-1	1,4-Dioxane	0.40	U	0.40	0.40	r

FORM I DIOX

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

ANALYSIS DATA SHEET

CLIENT ID: 5 — DUPLICATE

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73441 Lab Sample ID: CP73445

Sample wt/vol: 100.0 (g/mL) mL Lab File ID: 1228_71.D

Concentrated Extract Volume: 1000 (uL) Date Received: 12/21/23

% Moisture: n.a. Date Extracted: 12/27/23

Instrument: CHEM34 Inj. Vol. 1.0 (uL) Date Analyzed: 12/29/23

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1

Matrix: (soil/water) Water CONCENTRATION UNITS:(ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
123-91-1	1,4-Dioxane	0.20	U	0.20	0.20	r

FORM I DIOX

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

MW 3/6/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1815-1825 OCEAN AVENUE, BROOKLYN, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: GCP73447
Laboratory: Phoenix Environmental Laboratories, Manchester, Connecticut
Site: 1815-1825 Ocean Avenue, Brooklyn, New York
Date: March 6, 2024

EDS ID	Client ID	Laboratory ID	Matrix
1	SVE CARBON INF	CP73447	Air
2	SVE CARBON EFF	CP73448	Air

A Data Usability Summary Review was performed on the analytical data for two air samples collected on December 20, 2023 by EnviroTrac at the 1815-1825 Ocean Avenue site in Brooklyn, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- GC/MS Tuning

- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Laboratory Control Sample (LCS) recoveries
- Surrogate recoveries
- Internal Standard (IS) Area Performance
- Compound Quantitation
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The canister blanks exhibited ethanol and acetone at low levels. The data was not affected since the concentrations were greater than 10X.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) and/or RRF values <0.05 (0.01 for poor performers) in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected ® and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
12/22/23 (1907)	1,4-Dioxane (SIM)	31.9%	UJ	All Samples

Method Blank

- The method blanks were free of contamination.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
CP73447 LCS	Ethanol	54%	J	1, 2

Surrogate Samples

- All samples exhibited acceptable surrogate percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- A laboratory duplicate was performed on EDS sample 1 and the precision was acceptable.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/6/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

1

AIR ANALYSIS DATA SHEET

CLIENT ID: SVE CARBON INF

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73447 Lab Sample ID: CP73447

Canister: 21356 Lab File ID: 1223_10.D

Instrument: CHEM39 Column: RTX-1 ; #10157 Date Received: 12/21/23

Purge Volume: 200 (cc) Date Analyzed: 12/22/23

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.580		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	11.5	~~S~~ J	0.531	0.531	r
67-64-1	Acetone	8.77	S	0.421	0.421	r
67-63-0	Isopropylalcohol	6.79	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	1.59		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	1.94		0.205	0.205	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	2.27		0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	1.70		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

AIR ANALYSIS DATA SHEET

CLIENT ID: 1

SVE CARBON INF

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73447 Lab Sample ID: CP73447

Canister: 21356 Lab File ID: 1223_10.D

Instrument: CHEM39 Column: ΓX-1 ; #10157 Date Received: 12/21/23

Purge Volume 200 (cc) Date Analyzed: 12/22/23

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.193		0.178	0.178	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.075		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	~~U~~ UJ	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

1

AIR ANALYSIS DATA SHEET

CLIENT ID 2

SVE CARBON EFF

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73447 Lab Sample ID: CP73448

Canister: 499 Lab File ID: 1223_12.D

Instrument: CHEM39 Column: RTX-1 ; #10157 Date Received: 12/21/23

Purge Volume 200 (cc) Date Analyzed: 12/22/23

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.613		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.581		0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	10.8	~~S~~ J	0.531	0.531	r
67-64-1	Acetone	11.8	~~S~~	0.421	0.421	r
67-63-0	Isopropylalcohol	6.13	~~S~~	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	2.17		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
67-66-3	Chloroform	2.15		0.205	0.205	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	1.88		0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
142-82-5	Heptane	0.537		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.471		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	2.09		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.293		0.230	0.230	r
179601-23-1	m,p-Xylene	1.64		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.231		0.230	0.230	r
98-82-8	Isopropylbenzene	0.212		0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

1

AIR ANALYSIS DATA SHEET

CLIENT ID 2

SVE CARBON EFF

Client: ENVIROTR Lab: Phoenix Env. Labs

SDG No.: GCP73447 Lab Sample ID: CP73448

Canister: 499 Lab File ID: 1223_12.D

Instrument: CHEM39 Column: RTX-1 ; #10157 Date Received: 12/21/23

Purge Volume 200 (cc) Date Analyzed: 12/22/23

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.068		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	~~U~~ UJ	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

NW 3/6/24

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
1815-1825 OCEAN AVENUE, BROOKLYN, NEW YORK

Client: EnviroTrac Ltd., Yaphank, New York
SDG: L2375404
Laboratory: Alpha Analytical Laboratories, Mansfield, Massachusetts
Site: 1815-1825 Ocean Avenue, Brooklyn, New York
Date: March 6, 2024

EDS ID	Client ID	Laboratory ID	Matrix
1	17GW-2	L2375404-01	Water
1MS	17GW-2MS	L2375404-01MS	Water
1MSD	17GW-2MSD	L2375404-01MSD	Water
2	17GW-6	L2375404-02	Water
3	17GW-4	L2375404-03	Water
4	17GW-1	L2375404-04	Water
5	FIELD BLANK	L2375404-05	Water
6	DUP	L2375404-06	Water

A Data Usability Summary Review was performed on the analytical data for five water samples and one aqueous field blank sample collected on December 20, 2023 by EnviroTrac at the 1815-1825 Ocean Avenue site in Brooklyn, New York. The samples were analyzed under the USEPA Method Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS).

Specific method references are as follows:

Analysis	*Method References*
PFAS	USEPA Method 537.1

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Data Review and Validation Guidelines as follows:

- USEPA Data Review and Validation Guidelines for Perfluoroalkyl Substances (PFASs) Analyzed Using EPA Method 537, November 2018;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Holding times and sample preservation
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tuning

- Initial and continuing calibration summaries
- Method blank and field blank contamination
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Surrogate Recoveries
- Target Compound Identification
- Compound Quantitation
- Field Duplicate sample precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Perfluorinated Alkyl Substances (PFAS)

Holding Times

- All samples were extracted within 28 days for water samples and analyzed within 40 days.

LC/MS Tuning

- All criteria were met.

Initial Calibration

- All relative standard deviation (%RSD), %R and/or coefficient of determination criteria were met.

Continuing Calibration

- All percent recovery (%R) criteria were met.

Method Blank

- The method blanks were free of contamination.

Field QC Blank

- Field QC samples are summarized below.

Blank ID	Compound	Conc. ng/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable percent recoveries (%R) and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Surrogate Spike Recoveries

- The samples exhibited acceptable surrogate percent recoveries (%R).

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	17GW-6 ng/L	DUP ng/L	RPD	Qualifier
PFBA	2.27	2.31	2%	None
PFPeA	1.94	1.88	3%	
PFBS	1.11	1.10	1%	
PFHxA	1.56	1.54	1%	

Compound	17GW-6 ng/L	DUP ng/L	RPD	Qualifier
PFHpA	1.46	1.43	2%	None
PFHxS	0.933	0.901	3%	
PFOA	6.58	6.36	3%	
PFOA/PFOS Total	6.58	6.36	3%	

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 3/6/24

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-01	Date Collected	: 12/20/23 08:40
Client ID	: 17GW-2	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 09:21
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_81	Analyst	: PS
Sample Amount	: 279.73 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	5.70	1.79	0.365	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.68	1.79	0.354	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.62	1.79	0.213	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.84	1.79	0.293	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.78	1.79	0.201	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.922	1.79	0.336	J
335-67-1	Perfluorooctanoic Acid (PFOA)	14.0	1.79	0.211	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.79	1.19	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.79	0.615	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.79	0.279	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.733	1.79	0.450	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.79	0.272	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.79	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.79	0.579	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.79	0.232	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.79	0.876	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.79	0.518	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.79	0.718	U

MW 3/6/24

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

1

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-01	Date Collected	: 12/20/23 08:40
Client ID	: 17GW-2	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 09:21
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_81	Analyst	: PS
Sample Amount	: 279.73 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.79	0.332	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.79	0.292	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.79	0.222	U
NONE	PFOA/PFOS, Total	14.7	1.79	0.211	J

MW 3/6/24

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

2

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-02	Date Collected	: 12/20/23 09:49
Client ID	: 17GW-6	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 10:11
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_84	Analyst	: PS
Sample Amount	: 282.91 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	2.27	1.77	0.360	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.94	1.77	0.350	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.11	1.77	0.210	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.56	1.77	0.290	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.46	1.77	0.199	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.933	1.77	0.332	J
335-67-1	Perfluorooctanoic Acid (PFOA)	6.58	1.77	0.208	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.608	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.77	0.276	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.77	0.445	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.77	0.269	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.77	0.573	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.77	0.230	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.77	0.866	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	0.710	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.329	U

MW 3/6/24

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

2

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-02	Date Collected	: 12/20/23 09:49
Client ID	: 17GW-6	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 10:11
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_84	Analyst	: PS
Sample Amount	: 282.91 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.289	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.219	U
NONE	PFOA/PFOS, Total	6.58	1.77	0.208	

MW 3/6/24

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

2

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-02	Date Collected	: 12/20/23 09:49
Client ID	: 17GW-6	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 01/02/24 17:42
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: SCI02_240102_21	Analyst	: JW
Sample Amount	: 282.91 g	Instrument ID	: LCMS04
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.512	U

MW 3/6/24

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

3

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-03	Date Collected	: 12/20/23 10:55
Client ID	: 17GW-4	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 10:27
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_85	Analyst	: PS
Sample Amount	: 282.1 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	35.7	1.77	0.362	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	49.3	1.77	0.351	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	52.4	1.77	0.211	
307-24-4	Perfluorohexanoic Acid (PFHxA)	35.2	1.77	0.291	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	11.6	1.77	0.200	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.62	1.77	0.333	
335-67-1	Perfluorooctanoic Acid (PFOA)	32.6	1.77	0.209	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.610	U
375-95-1	Perfluorononanoic Acid (PFNA)	6.81	1.77	0.276	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	166	1.77	0.447	
335-76-2	Perfluorodecanoic Acid (PFDA)	5.91	1.77	0.269	
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.07	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.77	0.574	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.77	0.230	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.77	0.868	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.514	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	0.712	U

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

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Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-03	Date Collected	: 12/20/23 10:55
Client ID	: 17GW-4	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 10:27
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_85	Analyst	: PS
Sample Amount	: 282.1 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.330	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.290	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.220	U
NONE	PFOA/PFOS, Total	199	1.77	0.209	

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

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Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-04	Date Collected	: 12/20/23 11:30
Client ID	: 17GW-1	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 11:46
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_88	Analyst	: PS
Sample Amount	: 25 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	12.0	20.0	4.08	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	20.6	20.0	3.96	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	8.36	20.0	2.38	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	13.5	20.0	3.28	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	13.3	20.0	2.25	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	4.20	20.0	3.76	J
335-67-1	Perfluorooctanoic Acid (PFOA)	36.0	20.0	2.36	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	24.2	20.0	13.3	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	20.0	6.88	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	20.0	3.12	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	20.0	5.04	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	20.0	3.04	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	20.0	12.1	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	20.0	6.48	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	20.0	2.60	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	20.0	9.80	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	20.0	5.80	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	20.0	8.04	U

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

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Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-04	Date Collected	: 12/20/23 11:30
Client ID	: 17GW-1	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 11:46
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_88	Analyst	: PS
Sample Amount	: 25 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	20.0	3.72	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	20.0	3.27	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	20.0	2.48	U
NONE	PFOA/PFOS, Total	36.0	20.0	2.36	

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

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Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-05	Date Collected	: 12/20/23 11:30
Client ID	: FIELD BLANK	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 12:02
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_89	Analyst	: PS
Sample Amount	: 238.73 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.09	0.427	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.09	0.415	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.09	0.249	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.09	0.343	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.09	0.236	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.09	0.394	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.09	0.247	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.09	1.39	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.09	0.720	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.09	0.327	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.09	0.528	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.09	0.318	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.09	1.27	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.09	0.678	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.09	0.272	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.09	1.03	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.09	0.607	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.09	0.842	U

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

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Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-05	Date Collected	: 12/20/23 11:30
Client ID	: FIELD BLANK	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 12:02
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_89	Analyst	: PS
Sample Amount	: 238.73 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.09	0.390	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.09	0.343	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.09	0.260	U
NONE	PFOA/PFOS, Total	ND	2.09	0.247	U

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

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Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-06	Date Collected	: 12/20/23 09:49
Client ID	: DUP	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 12:19
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_90	Analyst	: PS
Sample Amount	: 281.83 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	2.31	1.77	0.362	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.88	1.77	0.351	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.10	1.77	0.211	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.54	1.77	0.291	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.43	1.77	0.200	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.901	1.77	0.334	J
335-67-1	Perfluorooctanoic Acid (PFOA)	6.36	1.77	0.209	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.77	1.18	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.77	0.610	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.77	0.277	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.77	0.447	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.77	0.270	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.77	1.08	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.77	0.575	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.77	0.231	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.77	0.869	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.77	0.514	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.77	0.713	U

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

6

Client	: Envirotrac Ltd.	Lab Number	: L2375404
Project Name	: 1815 OCEAN AVENUE	Project Number	: 01.992724.00
Lab ID	: L2375404-06	Date Collected	: 12/20/23 09:49
Client ID	: DUP	Date Received	: 12/21/23
Sample Location	: 1815 OCEAN AVENUE, BROOKLYN NY	Date Analyzed	: 12/29/23 12:19
Sample Matrix	: WATER	Date Extracted	: 12/27/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: W01_231228_90	Analyst	: PS
Sample Amount	: 281.83 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.77	0.330	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.77	0.290	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.77	0.220	U
NONE	PFOA/PFOS, Total	6.36	1.77	0.209	

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