QUARTERLY MONITORING REPORT

Site: 1199 Sutter Avenue 1199 Sutter Avenue Brooklyn, NY (Site) BCP Site No. 224141	**NYSDEC Contact:** Michael MacCabe, PE, Region 3 **NYSDOH Contact:** Wendy Kuehner **Consultant:** EnviroTrac Ltd.
Client: AAA Sutter Realty	**Project Contact:** Tracy Wall, PG

Report Date: June 10, 2021

Status Summary:

- Previous subsurface investigations and interim cleanup activities were conducted at the Site from January 2009 through March 2017, and included a non-emergency IRM in August 2009, which consisted of an in-situ chemical oxidation (ISCO) treatment of on-Site groundwater. The results of the investigations determined that a source of chlorinated volatile organic compounds (CVOCs) is present in the soil beneath the former dry cleaner located on the eastern portion of the building at 1199 Sutter Avenue, and to the north of the former dry cleaner beneath the parking lot. This has contributed to CVOC detections in groundwater beneath and downgradient of the Site that extends across Sutter Avenue, and CVOC detections in soil vapor beneath the Site.
- A non-emergency IRM was implemented at the Site in accordance with the NYSDEC-approved IRM Work Plan dated March 28, 2017. The NYSDEC provided a Fact Sheet for the proposed IRM Work Plan on March 29, 2017, and accepted written comments from the public to the proposed IRM Work Plan from March 29, 2017 to April 27, 2017. No comments were provided to EnviroTrac by the NYSDEC and the IRM Work Plan was implemented during the period May 1, 2017 to August 29, 2017.
- Engineering Controls (ECs) at the Site include a cover system (existing pavement and building), a soil vapor extraction (SVE) system consisting of four (4) wells, an air sparge (AS) system consisting of three (3) wells, and a sub-slab depressurization system (SSDS) consisting of six (6) suction points. Once the SVE system is deemed no longer required

and shutdown, two (2) of the SVE wells will continue to be utilized as SSDS suction points.

- An Institutional Control (IC) for the Site includes an Environmental Easement.
- The final SMP and final FER were submitted to the NYSDEC in January 2019.
- On April 19, 2019, the Certificate of Completion (COC) was awarded to AAA Sutter Realty, LLC. by the NYSDEC.
- EnviroTrac conducted monthly SVE/AS system Operations and Maintenance (O&M) and quarterly groundwater monitoring from February 2019 to June 2020. In July 2020, it was found that the carbon vane for the AS required to be replaced. Therefore, the AS portion of the remediation system was shutdown.
- The first Periodic Review Report (PRR) was submitted to the NYSDEC on September 20, 2020. EnviroTrac requested that the AS portion of the system remain off for a period of six (6) months and should groundwater concentrations over that period remain stable or continue to decrease, then the AS portion of the system would remain off permanently. This was approved by the NYSDEC on October 13, 2020.
- EnviroTrac conducted monthly SVE system O&M and quarterly groundwater monitoring from March 2021 to May 2021.
- The NYSDEC Category B Deliverables, EDD and Data Usability Summary Report (DUSR) for each quarterly groundwater sampling event were submitted to the NYSDEC EQUIS.

Work Performed:

Monthly SVE System O&M: March 29, 2021, April 20, 2021, May 4, 2021 – EnviroTrac visited the Site and conducted five (5) consecutive weeks of SVE/AS system O&M followed by once monthly SVE/AS system O&M from February 2019 to July 1, 2020. The AS portion of the remediation system has not been operating since July 1, 2020. Based on the groundwater monitoring results beneath the Site and off-Site since October 2020, operation of the AS portion of the system has been deemed unnecessary to operate. SVE system O&M readings included total system air flow, vacuum, temperature, and photoionization detector (PID) readings. SVE system O&M logs from March 2021 to May 2021 are provided in **Appendix A**.

Quarterly Groundwater Sampling: May 4, 2021 – Groundwater samples were collected from wells MW-1S, MW-2s, MW-5S, MW-8S, MW-10S, and MW-11S. Groundwater was purged using low-flow sampling techniques from each well utilizing a

peristaltic pump and tubing. Stability parameters were recorded for each well during sampling. Depth to water measurements were recorded on May 4, 2021. **Table 1** summarizes the water level measurements collected on May 4, 2021. **Table 2** summarizes the groundwater monitoring results for May 4, 2021. Historical groundwater monitoring wells sample results from July 2011 to May 2021 are also summarized in **Table 2**.

Groundwater Results:
May 4, 2021 **-** *Water Table Elevation Measurements:* 4.31 (MW-6D) to 6.64 (MW-9S) feet above mean sea level
Flow Direction: Southwest

May 4, 2021 **-** Tetrachloroethylene (PCE) was detected in MW-1S, MW-2S, MW-5S, MW-8S, MW-10S, and MW-11S during the May 2021 monitoring event; however, it was only detected very slightly above its New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standard (NYSDEC Groundwater Standard) in wells MW-8S and MW-10S. All other PCE detections were at concentrations well below its NYSDEC Groundwater Standard. Chloroform was detected in MW-1S, MW-2S, MW-5S, MW-8S, and MW-11S; however, most of the detected concentrations were well below its NYSDEC Groundwater Standard with the exception of MW-11S, which had a concentration of chloroform very slightly above its NYSDEC Groundwater Standard. No other CVOCs were detected in the groundwater samples.

Conclusions:

When comparing the historical groundwater monitoring well sample results to the most recent groundwater monitoring well sample results, overall PCE and chloroform have been decreasing since the start of the SVE/AS remediation system and continued to decrease since shutting down the AS portion of the system.

The SVE system operated properly during the reporting period. PID readings recorded for the SVE effluent ranged between 0.1 and 0.2 parts per million (ppm) from March to May 2021.

EnviroTrac submitted a Work Plan to the NYSDEC to conduct a subsurface investigation at the Site to determine if the SVE system and SSDS within the supermarket were still necessary to operate. The Work Plan was approved by the NYSDEC on April 23, 2021. On May 10, 2021, EnviroTrac conducted a subsurface investigation at the Site, which included the collection of soil samples from the rear parking lot and the collection of sub-slab soil vapor samples and indoor and outdoor air samples from the basements of the laundromat and supermarket and the rear

parking lot. Prior to the subsurface investigation, the SVE system and SSDS were shutdown on May 4, 2021, following the SVE O&M. Collection of a soil sample from beneath the basement slab of the laundromat (former dry cleaner) was unable to be collected on May 10, 2021, due to equipment issues, but EnviroTrac will be returning to the Site on June 8, 2021, to collect the soil sample. The SVE system and SSDS for the supermarket were turned back on at the end of the investigation on May 10, 2021. The investigation procedures and sample results will be submitted to the NYSDEC in a separate report.

Monthly SVE system O&M and quarterly groundwater monitoring will continue at the Site to document the operation of the remediation and its effect on contaminants in groundwater. Should the results of the recent subsurface investigation show that operation of the SVE system and/or SSDS are not necessary, a revised SMP will be submitted to the NYSDEC.

Figures:

Figure 1. Groundwater Contour Map – May 4, 2021
Figure 2. As Built Engineering Controls

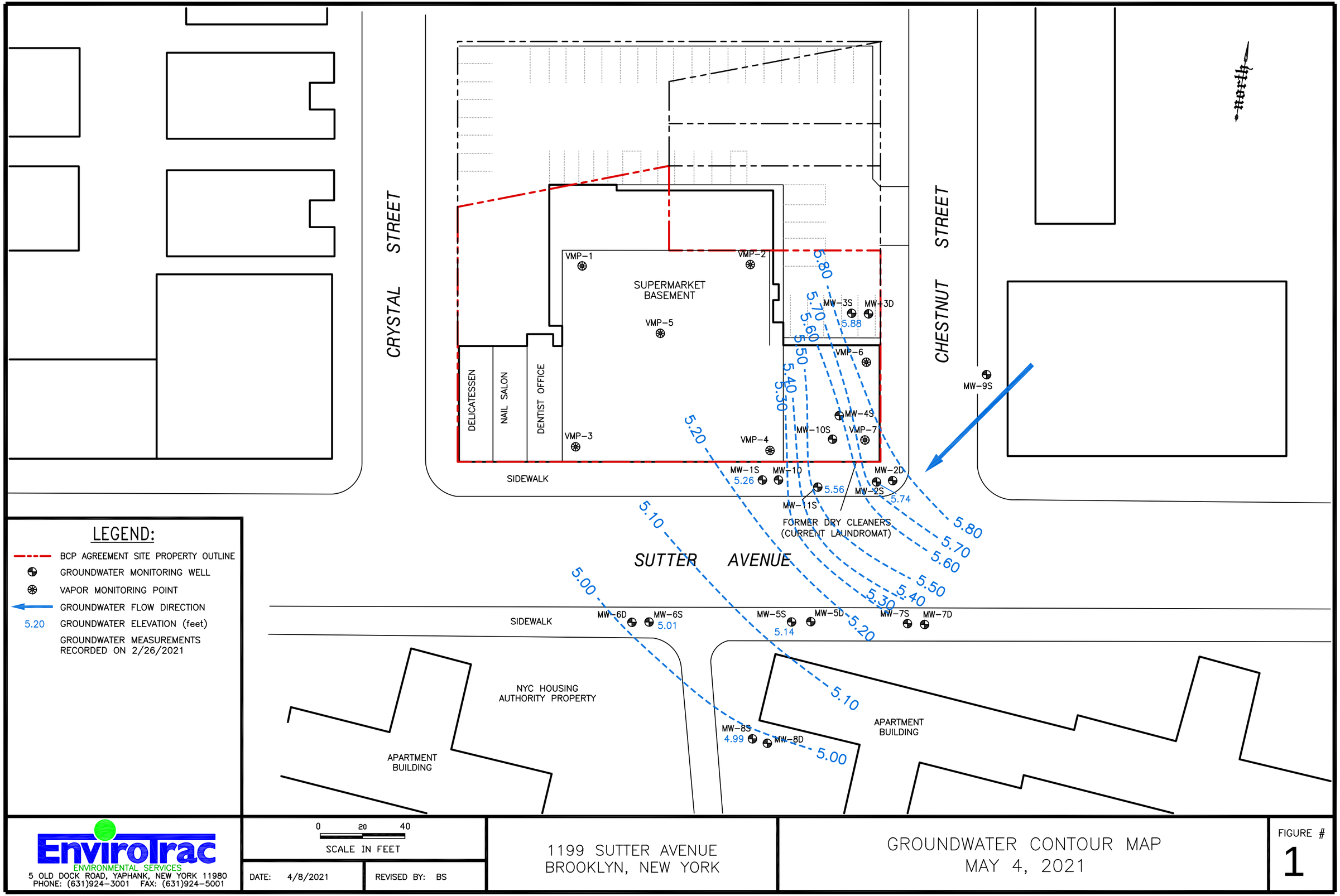
Tables:

Table 1. Water Level Measurements
Table 2. Summary of Groundwater Well Monitoring Results

Appendices:

Appendix A. SVE System Operation and Maintenance Logs – March 2021 – May 2021
Appendix B. Groundwater Laboratory Report for May 2021

FIGURES



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- GROUNDWATER MONITORING WELL
- VAPOR MONITORING POINT
- GROUNDWATER FLOW DIRECTION
- 5.20 GROUNDWATER ELEVATION (feet)
- GROUNDWATER MEASUREMENTS RECORDED ON 2/26/2021

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

0 20 40
SCALE IN FEET

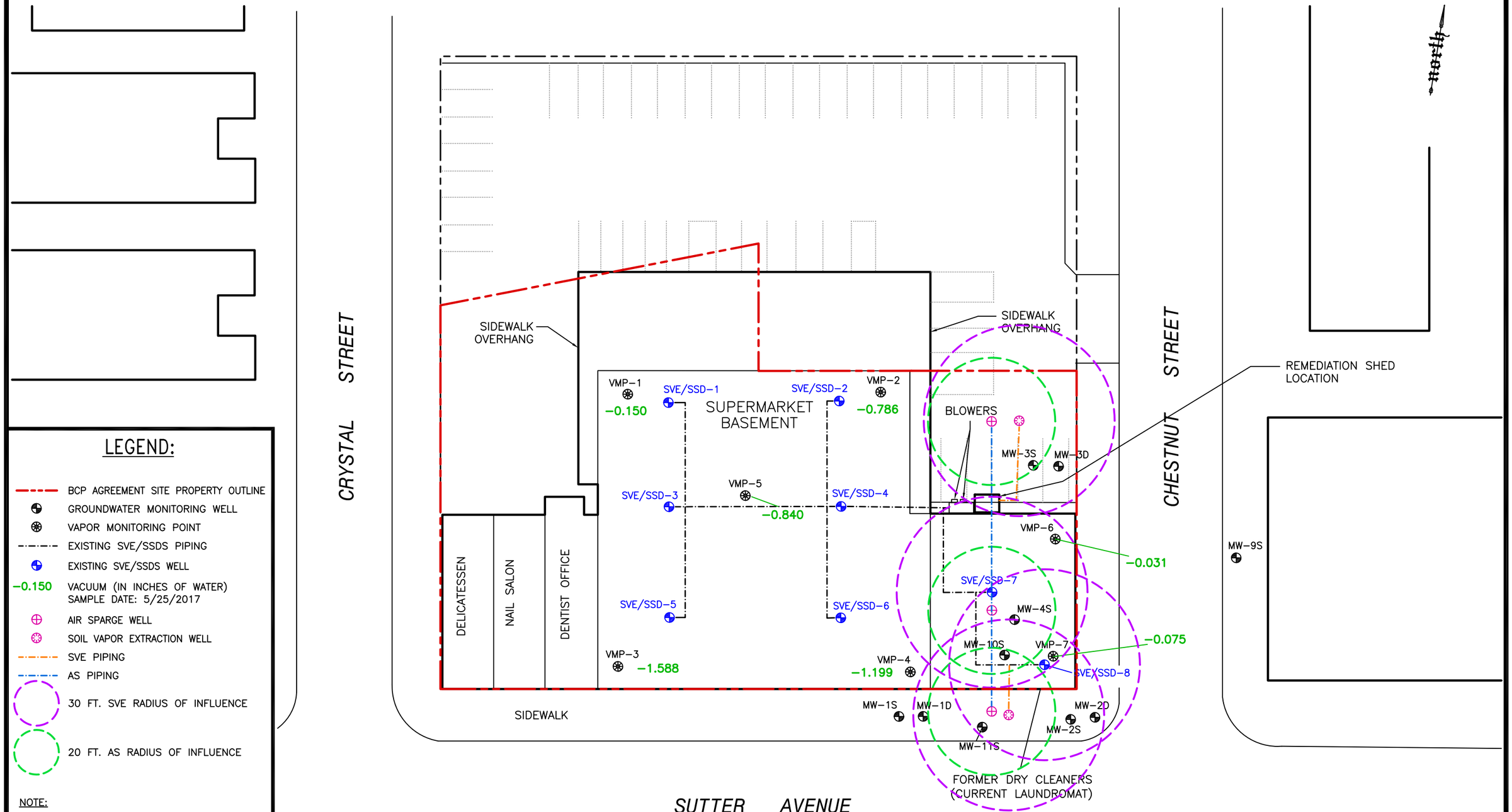
DATE: 4/8/2021

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR MAP
MAY 4, 2021

FIGURE # 1



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

0 15 30
SCALE IN FEET

DATE: 10/30/2018

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

AS−BUILT: ENGINEERING CONTROLS LOCATIONS SVE/AS REMEDIATION SYSTEM/SSDS MITIGATION SYSTEM AND COVER SYSTEM

FIGURE # 2

TABLES

Table 1
Water Level Measurements
BCP Site # 244141
1199 Sutter Avenue, Brooklyn, New York

Well ID	Casing Elevation (in feet above mean sea level)	Date	DTW (in feet below grade)	DTB (in feet below	Water Table Elevation (in feet above mean sea level)
MW-1S	17.51	8/13/2019	12.21	NM	5.30
		11/12/2019	12.30	NM	5.21
		2/14/2020	12.21	25.00	5.30
		5/20/2020	12.29	NM	5.22
		8/26/2020	12.60	NM	4.91
		11/18/2020	12.61	NM	4.90
		2/26/2021	12.31	NM	5.20
		5/4/2021	12.25	NM	5.26
MW-1D	17.92	8/13/2019	12.35	NM	5.57
		11/12/2019	12.60	NM	5.32
		2/14/2020	12.33	28.83	5.59
		5/20/2020	12.35	NM	5.57
		8/26/2020	12.61	NM	5.31
		11/18/2020	12.56	NM	5.36
		2/26/2021	12.70	NM	5.22
		5/4/2021	12.55	NM	5.37
MW-2S	18.05	8/13/2019	12.75	NM	5.30
		11/12/2019	12.80	NM	5.25
		2/14/2020	12.60	24.68	5.45
		5/20/2020	12.85	NM	5.20
		8/26/2020	12.71	NM	5.34
		11/18/2020	12.83	NM	5.22
		2/26/2021	12.45	NM	5.60
		5/4/2021	12.31	NM	5.74
MW-2D	18.13	8/13/2019	12.85	NM	5.28
		11/12/2019	13.23	NM	4.90
		2/14/2020	12.75	39.31	5.38
		5/20/2020	12.88	NM	5.25
		8/26/2020	12.73	NM	5.40
		11/18/2020	12.79	NM	5.34
		2/26/2021	12.61	NM	5.52
		5/4/2021	12.73	NM	5.40
MW-3S	18.08	8/13/2019	12.61	NM	5.47
		11/12/2019	12.85	NM	5.23
		2/14/2020	12.45	24.90	5.63
		5/20/2020	12.65	NM	5.43
		8/26/2020	12.60	NM	5.48
		11/18/2020	12.58	NM	5.50
		2/26/2021	12.41	NM	5.67
		5/4/2021	12.20	NM	5.88
MW-3D	18.48	8/13/2019	13.21	NM	5.27
		11/12/2019	13.20	NM	5.28
		2/14/2020	12.93	40.01	5.55
		5/20/2020	12.89	NM	5.59
		8/26/2020	12.62	NM	5.86
		11/18/2020	12.55	NM	5.93
		2/26/2021	12.45	NM	6.03
		5/4/2021	12.30	NM	6.18
MW-4S	9.88	8/13/2019	NM	NM	-
		11/12/2019	NM	NM	-
		2/14/2020	3.92	10.03	5.96
MW-5S	17.84	8/13/2019	12.56	NM	5.28
		11/12/2019	12.70	NM	5.14
		2/14/2020	12.70	24.30	5.14
		5/20/2020	12.67	NM	5.17
		8/26/2020	12.67	NM	5.17
		11/18/2020	12.58	NM	5.26
		2/26/2021	12.91	NM	4.93
		5/4/2021	12.70	NM	5.14
MW-5D	17.80	8/13/2019	12.51	NM	5.29
		11/12/2019	12.80	NM	5.00
		2/14/2020	12.70	39.20	5.10
		5/20/2020	12.70	NM	5.10
		8/26/2020	12.69	NM	5.11
		11/18/2020	12.72	NM	5.08
		2/26/2021	12.84	NM	4.96
		5/4/2021	12.80	NM	5.00
MW-6S	17.36	8/13/2019	11.65	NM	5.71
		11/12/2019	12.20	NM	5.16
		2/14/2020	12.10	24.90	5.26
		5/20/2020	12.49	NM	4.87
		8/26/2020	12.53	NM	4.83
		11/18/2020	12.54	NM	4.82
		2/26/2021	12.39	NM	4.97
		5/4/2021	12.35	NM	5.01
MW-6D	16.90	8/13/2019	12.01	NM	4.89
		11/12/2019	11.80	NM	5.10
		2/14/2020	12.30	40.30	4.60
		5/20/2020	12.80	NM	4.10
		8/26/2020	12.70	NM	4.20
		11/18/2020	12.55	NM	4.35
		2/26/2021	12.59	NM	4.31
MW-7S	18.04	8/13/2019	12.85	NM	5.19
		11/12/2019	12.80	NM	5.24
		2/14/2020	12.80	25.40	5.24
		5/20/2020	12.81	NM	5.23
		8/26/2020	12.93	NM	5.11
		11/18/2020	12.89	NM	5.15
		2/26/2021	Blocked	NM	-
		5/4/2021	Blocked	NM	-
MW-7D	18.29	8/13/2019	12.92	NM	5.37
		11/12/2019	12.89	NM	5.40
		2/14/2020	12.88	39.90	5.41
		5/20/2020	12.80	NM	5.49
		8/26/2020	12.94	NM	5.35
		11/18/2020	12.95	NM	5.34
		2/26/2021	Blocked	NM	-
		5/4/2021	Blocked	NM	-
MW-8S	18.08	8/13/2019	12.95	NM	5.13
		11/12/2019	13.10	NM	4.98
		2/14/2020	13.29	19.90	4.79
		5/20/2020	13.03	NM	5.05
		8/26/2020	13.01	NM	5.07
		11/18/2020	13.08	NM	5.00
		2/26/2021	13.04	NM	5.04
		5/4/2021	13.09	NM	4.99
MW-8D	18.40	8/13/2019	13.32	NM	5.08
		11/12/2019	13.40	NM	5.00
		2/14/2020	13.31	40.41	5.09
		5/20/2020	13.09	NM	5.31
		8/26/2020	13.04	NM	5.36
		11/18/2020	13.09	NM	5.31
		2/26/2021	13.14	NM	5.26
		5/4/2021	13.40	NM	5.00
MW-9S	18.66	8/13/2019	13.45	NM	5.21
		11/12/2019	NM	NM	-
		2/14/2020	13.23	22.09	5.43
		5/20/2020	13.40	NM	5.26
		8/26/2020	NM	NM	Vehicle Blocked Well
		11/18/2020	12.34	NM	6.32
		2/26/2021	12.11	NM	6.55
		5/4/2021	12.02	NM	6.64
MW-10S	9.93	8/13/2019	4.60	NM	5.33
		11/12/2019	NM	NM	-
		2/14/2020	4.28	10.60	5.65
		5/20/2020	4.32	NM	5.61
		8/26/2020	4.40	NM	5.53
		11/18/2020	4.31	NM	5.62
		2/26/2021	4.10	NM	5.83
		5/4/2021	4.01	NM	5.92
MW-11S	17.71	8/13/2019	12.45	NM	5.26
		11/12/2019	NM	NM	-
		2/14/2020	12.46	25.00	5.26
		5/20/2020	12.08	NM	5.63
		8/26/2020	12.32	NM	5.39
		11/18/2020	12.83	NM	4.88
		2/26/2021	12.25	NM	5.46
		5/4/2021	12.15	NM	5.56

Notes:
DTW = Depth to water
DTB = Depth to bottom

EnviroTrac
Environmental Services

Table 2
Summary of Groundwater Monitoring Well Results - July 2011 - February 2021
BCP Site # 244141
1199 Sutter Avenue, Brooklyn, NY

Sample ID	MW-1S													NYSDEC Groundwater Standards
Sample Date	**7/20/2011**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds *(in micrograms per liter)*														
Acetone	ND	ND	ND	ND	18.4	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	**30.0**	ND	ND	ND	ND	1.00	1.50	5.30	**7.10**	3.70	3.60	**14.6**	1.90	7
cis-1,2-Dichloroethylene	0.71 J	ND	ND	ND	ND	1.70	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**84.0**	**49.5**	**46.1**	**24.9**	**21.7**	**21.6**	**18.4**	**11.6**	**5.4**	**14.4**	**8.10**	**5.30**	1.30	5*
Trichloroethene	3.2	2.1	2.8	1.3	ND	1.2	ND	ND	ND	ND	ND	2.2	ND	5*

Sample ID	MW-2S													NYSDEC Groundwater Standards
Sample Date	**7/20/2011**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds *(in micrograms per liter)*														
Acetone	ND	8.90	ND	ND	13.4	ND	ND	ND	ND	ND	ND	ND	7.00	50
Chloroform	**13.0**	ND	ND	ND	ND	**8.40**	2.80	**7.70**	5.70	4.90	3.50	4.80	5.50	7
cis-1,2-Dichloroethylene	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**10.0**	2.20	1.10	2.90	1.50	ND	ND	ND	ND	1.50	1.00	1.30	ND	5*
Trichloroethene	0.36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*

Sample ID	MW-4S	MW-10S												NYSDEC Groundwater Standards
Sample Date	**4/6/2016**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/221**	**5/4/2021**	
Volatile Organic Compounds *(in micrograms per liter)*														
Acetone	ND	ND	ND	ND	12.4	ND	6.70	ND	ND	ND	ND	ND	ND	50
Chloroform	3.00 J	1.50	1.40	ND	ND	ND	ND	ND	3.30	2.70	1.30	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	1.40	ND	ND	ND	ND	ND	ND	5*
cis-1,2-Dichloroethylene	2.60	ND	**6.10**	**5.10**	**5.30**	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**390**	**575**	**363**	**441**	**719**	**111**	**112**	**78.8**	**59.8**	**47.1**	**34.0**	**34.2**	**26.4**	5*
Trichloroethene	**14.0**	**21.0**	**16.2**	**13.4**	**16.2**	2.20	2.00	1.10	ND	ND	ND	ND	ND	5*

Sample ID	MW-11S												NYSDEC Groundwater Standards
Sample Date	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds *(in micrograms per liter)*													
Acetone	ND	ND	ND	9.00	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	**9.00**	**9.80**	1.00	**9.50**	6.70	2.90	3.10	**8.50**	7
cis-1,2-Dichloroethylene	ND	1.50	3.50	2.50	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**24.1**	**37.4**	**86.7**	**105**	1.70	ND	**7.00**	1.50	1.20	1.60	**17.1**	1.10	5*
Trichloroethene	1.10	2.00	3.40	4.70	ND	ND	ND	ND	ND	ND	ND	ND	5*

Sample ID	MW-5S													NYSDEC Groundwater Standards
Sample Date	**4/6/2016**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds *(in micrograms per liter)*														
Acetone	ND	ND	ND	ND	17.6	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	2.40 J	ND	ND	ND	ND	**8.30**	4.30	**8.00**	**7.70**	5.10	4.50	2.60	1.10	7
cis-1,2-Dichloroethylene	**5.10**	ND	**5.30**	4.80	ND	2.20	ND	ND	ND	ND	ND	1.30	ND	5*
Tetrachloroethene	**200**	**122**	**128**	**136**	**258**	**45.1**	**17.3**	**12.3**	**14.3**	**6.80**	**12.6**	**17.0**	3.80	5*
Trichloroethene	**10.0**	**7.40**	**8.20**	**7.30**	**9.60**	2.40	1.20	ND	ND	ND	ND	1.20	ND	5*

Sample ID	MW-8S												NYSDEC Groundwater Standards
Sample Date	**4/6/2016**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds *(in micrograms per liter)*														
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	3.30 J	ND	ND	ND	ND	ND	ND	1.00	ND	1.30	2.80	2.20	2.70	7
cis-1,2-Dichloroethylene	0.34 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.00	ND	5*
Tetrachloroethene	**12.0**	**5.50**	4.30	4.40	**8.40**	**13.9**	**6.40**	**6.80**	**8.30**	**5.20**	**6.50**	**7.30**	**10.7**	5*
Trichloroethene	0.62 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*

Notes:
Only detected analytes are reported.
ND = Not Detected
J = The concentration is estimated.
* = The Principal Organic Compound Standard applies
Bold values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards.

EnviroTrac
Environmental Services

APPENDICES

Appendix A

Operation & Maintenance Data Sheet
AAA Sutter Realty
1199 Sutter Avenue
Brooklyn, NY

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

Date: 29-Mar
Weather / Temp: Clear / 49 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		160			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		90			B- 1 Effluent Pressure ("H2O)		4		
Blower (B-1) Vacuum ("H2O)		88			B- 1 Effluent PID (ppm)		0.1		
B- 1 Influent Temp (deg F)		50			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		160			B-1 Run Time (hrs)		18,513.1		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	78	40	0.0	SVE-9	("H2O)/(cfm)/(ppm)	78	45	0.0
SVE-8	("H2O)/(cfm)/(ppm)	82	55	0.0	SVE-10	("H2O)/(cfm)/(ppm)	80	80	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)					Heat Exchanger Influent Temp (deg F)				
C-1 Pressure (psi)					Heat Exchanger Effluent Temp (deg F)				
C-1 Run Time (hrs)		6,824.4							
AS Manifold Legs - Pressure									
AS-2	(psi)								
AS-1	(psi)								
AS-3	(psi)								
Vacuum Influence Monitoring									
VMP-1	("H2O)	NM			VMP-5	("H2O)	NM		
VMP-2	("H2O)	NM			VMP-6	("H2O)	NM		
VMP-3	("H2O)	NM			VMP-7	("H2O)	NM		
VMP-4	("H2O)	NM							

Notes, Comments & Observations:

AS compressor off for repairs.

Operation & Maintenance Data Sheet
AAA Sutter Realty
1199 Sutter Avenue
Brooklyn, NY

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

Date: 20-Apr
Weather / Temp: Clear / 70 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		178			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		88			B- 1 Effluent Pressure ("H2O)		2		
Blower (B-1) Vacuum ("H2O)		88			B- 1 Effluent PID (ppm)		0.2		
B- 1 Influent Temp (deg F)		58			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		160			B-1 Run Time (hrs)		19,039.6		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	78	30	0.1	SVE-9	("H2O)/(cfm)/(ppm)	78	40	0.0
SVE-8	("H2O)/(cfm)/(ppm)	82	60	0.0	SVE-10	("H2O)/(cfm)/(ppm)	70	82	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)					Heat Exchanger Influent Temp (deg F)				
C-1 Pressure (psi)					Heat Exchanger Effluent Temp (deg F)				
C-1 Run Time (hrs)		6,824.4							
AS Manifold Legs - Pressure									
AS-2	(psi)								
AS-1	(psi)								
AS-3	(psi)								
Vacuum Influence Monitoring									
VMP-1	("H2O)	NM			VMP-5	("H2O)	NM		
VMP-2	("H2O)	NM			VMP-6	("H2O)	NM		
VMP-3	("H2O)	NM			VMP-7	("H2O)	NM		
VMP-4	("H2O)	NM							

Notes, Comments & Observations:

AS compressor off for repairs.

Operation & Maintenance Data Sheet
AAA Sutter Realty
1199 Sutter Avenue
Brooklyn, NY

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

Date: 4-May
Weather / Temp: Cloudy / 65 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		160			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		88			B- 1 Effluent Pressure ("H2O)		3		
Blower (B-1) Vacuum ("H2O)		88			B- 1 Effluent PID (ppm)		0.2		
B- 1 Influent Temp (deg F)		60			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		160			B-1 Run Time (hrs)		19,374.5		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	78	38	0.1	SVE-9	("H2O)/(cfm)/(ppm)	78	40	0.0
SVE-8	("H2O)/(cfm)/(ppm)	82	52	0.1	SVE-10	("H2O)/(cfm)/(ppm)	80	65	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)					Heat Exchanger Influent Temp (deg F)				
C-1 Pressure (psi)					Heat Exchanger Effluent Temp (deg F)				
C-1 Run Time (hrs)		6,824.4							
AS Manifold Legs - Pressure									
AS-2	(psi)								
AS-1	(psi)								
AS-3	(psi)								
Vacuum Influence Monitoring									
VMP-1	("H2O)	NM			VMP-5	("H2O)	NM		
VMP-2	("H2O)	NM			VMP-6	("H2O)	NM		
VMP-3	("H2O)	NM			VMP-7	("H2O)	NM		
VMP-4	("H2O)	NM							

Notes, Comments & Observations:

Shut system off for long term monitoring following O&M.

Appendix B

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

May 11, 2021

Mr. Ed Russo
Envirotrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Dear Mr. Russo:

Enclosed are the analytical results for sample(s) received by the laboratory on May 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mike Rose, Envirotrac

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Pace Analytical Services Long Island

Virginia Certification # 460302
Delaware Certification # NY10478
Delaware Certification # NY10478
575 Broad Hollow Rd, Melville, NY 11747
New York Certification #: 10478 Primary Accrediting Body
New Jersey Certification #: NY158
Pennsylvania Certification #: 68-00350
Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

SAMPLE ANALYTE COUNT

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70171492001	**MW-1S**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492002	**MW-2S**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492003	**MW-5S**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492004	**MW-8S**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492005	**MW-10S**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492006	**MW-11S**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492007	**TRIP BLANK**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492008	**BLIND DUPLICATE**	EPA 8260C/5030C	BBL	29	PACE-MV
70171492009	**MS/MSD**	EPA 8260C/5030C	BBL	29	PACE-MV

PACE-MV = Pace Analytical Services - Melville

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Method: **EPA 8260C/5030C**
Description: 8260C Volatile Organics
Client: EnviroTrac Ltd.
Date: May 11, 2021

General Information:
9 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 207509

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- BLANK (Lab ID: 1031497)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- BLIND DUPLICATE (Lab ID: 70171492008)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- LCS (Lab ID: 1031498)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MS (Lab ID: 1031884)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MS/MSD (Lab ID: 70171492009)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MSD (Lab ID: 1031885)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MW-10S (Lab ID: 70171492005)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MW-11S (Lab ID: 70171492006)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MW-1S (Lab ID: 70171492001)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MW-2S (Lab ID: 70171492002)
  - 1,2-Dibromo-3-chloropropane

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Method: **EPA 8260C/5030C**
Description: 8260C Volatile Organics
Client: EnviroTrac Ltd.
Date: May 11, 2021

QC Batch: 207509

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- Chloromethane
- MW-5S (Lab ID: 70171492003)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- MW-8S (Lab ID: 70171492004)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane
- TRIP BLANK (Lab ID: 70171492007)
  - 1,2-Dibromo-3-chloropropane
  - Chloromethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: MW-1S **Lab ID: 70171492001** Collected: 05/04/21 11:40 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 15:49	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 15:49	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-00-3	
Chloroform	**1.9**	ug/L	1.0	1		05/06/21 15:49	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	79-34-5	
Tetrachloroethene	**1.3**	ug/L	1.0	1		05/06/21 15:49	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:49	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 15:49	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 15:49	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	70-123	1		05/06/21 15:49	17060-07-0	
4-Bromofluorobenzene (S)	102	%	66-119	1		05/06/21 15:49	460-00-4	
Toluene-d8 (S)	100	%	82-121	1		05/06/21 15:49	2037-26-5	

Sample: MW-2S **Lab ID: 70171492002** Collected: 05/04/21 10:30 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**7.0**	ug/L	5.0	1		05/06/21 16:07	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 16:07	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-00-3	
Chloroform	**5.5**	ug/L	1.0	1		05/06/21 16:07	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	96-12-8	v3

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: MW-2S **Lab ID: 70171492002** Collected: 05/04/21 10:30 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:07	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:07	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 16:07	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		05/06/21 16:07	17060-07-0	
4-Bromofluorobenzene (S)	102	%	66-119	1		05/06/21 16:07	460-00-4	
Toluene-d8 (S)	102	%	82-121	1		05/06/21 16:07	2037-26-5	

Sample: MW-5S **Lab ID: 70171492003** Collected: 05/04/21 12:20 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 16:26	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 16:26	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		05/06/21 16:26	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	10061-01-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: MW-5S **Lab ID: 70171492003** Collected: 05/04/21 12:20 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	79-34-5	
Tetrachloroethene	**3.8**	ug/L	1.0	1		05/06/21 16:26	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:26	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:26	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 16:26	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	70-123	1		05/06/21 16:26	17060-07-0	
4-Bromofluorobenzene (S)	100	%	66-119	1		05/06/21 16:26	460-00-4	
Toluene-d8 (S)	100	%	82-121	1		05/06/21 16:26	2037-26-5	

Sample: MW-8S **Lab ID: 70171492004** Collected: 05/04/21 12:50 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 16:45	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 16:45	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-00-3	
Chloroform	**2.7**	ug/L	1.0	1		05/06/21 16:45	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	79-34-5	
Tetrachloroethene	**10.7**	ug/L	1.0	1		05/06/21 16:45	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 16:45	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-69-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: MW-8S **Lab ID: 70171492004** Collected: 05/04/21 12:50 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 16:45	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 16:45	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-123	1		05/06/21 16:45	17060-07-0	
4-Bromofluorobenzene (S)	105	%	66-119	1		05/06/21 16:45	460-00-4	
Toluene-d8 (S)	102	%	82-121	1		05/06/21 16:45	2037-26-5	

Sample: MW-10S **Lab ID: 70171492005** Collected: 05/04/21 08:25 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 17:04	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 17:04	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		05/06/21 17:04	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	79-34-5	
Tetrachloroethene	**26.4**	ug/L	1.0	1		05/06/21 17:04	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:04	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:04	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 17:04	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		05/06/21 17:04	17060-07-0	
4-Bromofluorobenzene (S)	104	%	66-119	1		05/06/21 17:04	460-00-4	
Toluene-d8 (S)	101	%	82-121	1		05/06/21 17:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: MW-11S **Lab ID: 70171492006** Collected: 05/04/21 09:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 17:23	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 17:23	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-00-3	
Chloroform	**8.5**	ug/L	1.0	1		05/06/21 17:23	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	79-34-5	
Tetrachloroethene	**1.1**	ug/L	1.0	1		05/06/21 17:23	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:23	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:23	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 17:23	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		05/06/21 17:23	17060-07-0	
4-Bromofluorobenzene (S)	102	%	66-119	1		05/06/21 17:23	460-00-4	
Toluene-d8 (S)	99	%	82-121	1		05/06/21 17:23	2037-26-5	

Sample: TRIP BLANK **Lab ID: 70171492007** Collected: 05/04/21 00:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 15:30	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 15:30	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		05/06/21 15:30	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	96-12-8	v3

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: TRIP BLANK **Lab ID: 70171492007** Collected: 05/04/21 00:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 15:30	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 15:30	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 15:30	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	70-123	1		05/06/21 15:30	17060-07-0	
4-Bromofluorobenzene (S)	104	%	66-119	1		05/06/21 15:30	460-00-4	
Toluene-d8 (S)	101	%	82-121	1		05/06/21 15:30	2037-26-5	

Sample: BLIND DUPLICATE **Lab ID: 70171492008** Collected: 05/04/21 09:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**5.4**	ug/L	5.0	1		05/06/21 17:42	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 17:42	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-00-3	
Chloroform	**8.7**	ug/L	1.0	1		05/06/21 17:42	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	10061-01-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: BLIND DUPLICATE **Lab ID: 70171492008** Collected: 05/04/21 09:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	79-34-5	
Tetrachloroethene	**1.1**	ug/L	1.0	1		05/06/21 17:42	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 17:42	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 17:42	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 17:42	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	70-123	1		05/06/21 17:42	17060-07-0	
4-Bromofluorobenzene (S)	103	%	66-119	1		05/06/21 17:42	460-00-4	
Toluene-d8 (S)	100	%	82-121	1		05/06/21 17:42	2037-26-5	

Sample: MS/MSD **Lab ID: 70171492009** Collected: 05/04/21 00:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	**<5.0**	ug/L	5.0	1		05/06/21 18:01	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		05/06/21 18:01	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-00-3	
Chloroform	**2.8**	ug/L	1.0	1		05/06/21 18:01	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	74-87-3	v3
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	96-12-8	v3
Dibromochloromethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	124-48-1	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	110-57-6	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	78-87-5	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	10061-02-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-09-2	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	79-34-5	
Tetrachloroethene	**10**	ug/L	1.0	1		05/06/21 18:01	127-18-4	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		05/06/21 18:01	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-69-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Sample: MS/MSD **Lab ID: 70171492009** Collected: 05/04/21 00:00 Received: 05/04/21 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		05/06/21 18:01	96-18-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		05/06/21 18:01	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		05/06/21 18:01	17060-07-0	
4-Bromofluorobenzene (S)	101	%	66-119	1		05/06/21 18:01	460-00-4	
Toluene-d8 (S)	99	%	82-121	1		05/06/21 18:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

QC Batch: 207509
QC Batch Method: EPA 8260C/5030C
Analysis Method: EPA 8260C/5030C
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70171492001, 70171492002, 70171492003, 70171492004, 70171492005, 70171492006, 70171492007, 70171492008, 70171492009

METHOD BLANK: 1031497 Matrix: Water
Associated Lab Samples: 70171492001, 70171492002, 70171492003, 70171492004, 70171492005, 70171492006, 70171492007, 70171492008, 70171492009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<1.0	1.0	05/06/21 14:37	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	05/06/21 14:37	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	05/06/21 14:37	
1,1-Dichloroethane	ug/L	<1.0	1.0	05/06/21 14:37	
1,1-Dichloroethene	ug/L	<1.0	1.0	05/06/21 14:37	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	05/06/21 14:37	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	05/06/21 14:37	v3
1,2-Dichloropropane	ug/L	<1.0	1.0	05/06/21 14:37	
Acetone	ug/L	<5.0	5.0	05/06/21 14:37	
Bromochloromethane	ug/L	<1.0	1.0	05/06/21 14:37	
Bromodichloromethane	ug/L	<1.0	1.0	05/06/21 14:37	
Carbon tetrachloride	ug/L	<1.0	1.0	05/06/21 14:37	
Chloroethane	ug/L	<1.0	1.0	05/06/21 14:37	
Chloroform	ug/L	<1.0	1.0	05/06/21 14:37	
Chloromethane	ug/L	<1.0	1.0	05/06/21 14:37	v3
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	05/06/21 14:37	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	05/06/21 14:37	
Dibromochloromethane	ug/L	<1.0	1.0	05/06/21 14:37	
Methylene Chloride	ug/L	<1.0	1.0	05/06/21 14:37	
Tetrachloroethene	ug/L	<1.0	1.0	05/06/21 14:37	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	05/06/21 14:37	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	05/06/21 14:37	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	05/06/21 14:37	
Trichloroethene	ug/L	<1.0	1.0	05/06/21 14:37	
Trichlorofluoromethane	ug/L	<1.0	1.0	05/06/21 14:37	
Vinyl chloride	ug/L	<1.0	1.0	05/06/21 14:37	
1,2-Dichloroethane-d4 (S)	%	89	70-123	05/06/21 14:37	
4-Bromofluorobenzene (S)	%	103	66-119	05/06/21 14:37	
Toluene-d8 (S)	%	101	82-121	05/06/21 14:37	

LABORATORY CONTROL SAMPLE: 1031498

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.4	111	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	46.5	93	75-122	
1,1,2-Trichloroethane	ug/L	50	50.1	100	80-122	
1,1-Dichloroethane	ug/L	50	47.4	95	68-127	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

LABORATORY CONTROL SAMPLE: 1031498

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	49.3	99	65-123	
1,2,3-Trichloropropane	ug/L	50	45.1	90	63-123	
1,2-Dibromo-3-chloropropane	ug/L	50	39.0	78	52-126	v3
1,2-Dichloropropane	ug/L	50	46.1	92	79-117	
Acetone	ug/L	50	59.3	119	10-225	
Bromochloromethane	ug/L	50	45.1	90	75-130	
Bromodichloromethane	ug/L	50	54.7	109	74-127	
Carbon tetrachloride	ug/L	50	57.3	115	64-122	
Chloroethane	ug/L	50	37.8	76	60-129	
Chloroform	ug/L	50	48.9	98	74-129	
Chloromethane	ug/L	50	35.0	70	43-126	v3
cis-1,2-Dichloroethene	ug/L	50	49.3	99	72-127	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	65-134	
Dibromochloromethane	ug/L	50	49.7	99	71-130	
Methylene Chloride	ug/L	50	41.4	83	69-126	
Tetrachloroethene	ug/L	50	54.2	108	65-120	
trans-1,2-Dichloroethene	ug/L	50	50.3	101	71-125	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	54-139	
trans-1,4-Dichloro-2-butene	ug/L		50.8			
Trichloroethene	ug/L	50	51.0	102	73-116	
Trichlorofluoromethane	ug/L	50	47.0	94	59-134	
Vinyl chloride	ug/L	50	41.4	83	50-130	
1,2-Dichloroethane-d4 (S)	%			87	70-123	
4-Bromofluorobenzene (S)	%			101	66-119	
Toluene-d8 (S)	%			99	82-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1031884 1031885

Parameter	Units	70171492009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	<1.0	50	50	48.8	51.6	98	103	60-127	6	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	43.1	44.2	86	88	74-118	3	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	49.4	50.0	99	100	80-120	1	
1,1-Dichloroethane	ug/L	<1.0	50	50	43.3	44.3	87	89	69-131	2	
1,1-Dichloroethene	ug/L	<1.0	50	50	46.6	46.9	93	94	70-129	1	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	42.9	43.3	86	87	60-120	1	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	33.4	35.7	67	71	42-123	7	v3
1,2-Dichloropropane	ug/L	<1.0	50	50	43.8	44.9	88	90	77-118	2	
Acetone	ug/L	<5.0	50	50	41.2	42.1	73	74	10-189	2	
Bromochloromethane	ug/L	<1.0	50	50	44.3	47.3	89	95	69-132	7	
Bromodichloromethane	ug/L	<1.0	50	50	48.3	52.3	97	105	71-125	8	
Carbon tetrachloride	ug/L	<1.0	50	50	48.9	54.7	98	109	64-125	11	
Chloroethane	ug/L	<1.0	50	50	37.4	36.0	75	72	54-137	4	
Chloroform	ug/L	2.8	50	50	47.6	48.7	90	92	73-128	2	
Chloromethane	ug/L	<1.0	50	50	33.7	32.4	67	65	45-123	4	v3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1031884 1031885

Parameter	Units	70171492009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	44.7	46.2	89	92	72-129	3	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	40.0	43.3	80	87	57-130	8	
Dibromochloromethane	ug/L	<1.0	50	50	42.8	48.2	86	96	59-132	12	
Methylene Chloride	ug/L	<1.0	50	50	36.9	37.7	74	75	65-129	2	
Tetrachloroethene	ug/L	10	50	50	65.2	68.3	110	117	59-131	5	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	45.9	46.8	92	94	74-129	2	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	39.0	42.2	78	84	42-140	8	
trans-1,4-Dichloro-2-butene	ug/L	<1.0			43.6	43.9				1	
Trichloroethene	ug/L	<1.0	50	50	50.6	51.2	101	102	78-119	1	
Trichlorofluoromethane	ug/L	<1.0	50	50	45.9	47.6	92	95	59-136	4	
Vinyl chloride	ug/L	<1.0	50	50	39.8	38.8	80	78	45-141	2	
1,2-Dichloroethane-d4 (S)	%						92	90	70-123		
4-Bromofluorobenzene (S)	%						105	106	66-119		
Toluene-d8 (S)	%						101	104	82-121		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1199 SUTTER AVENUE 5/4
Pace Project No.: 70171492

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70171492001	**MW-1S**	EPA 8260C/5030C	207509		
70171492002	**MW-2S**	EPA 8260C/5030C	207509		
70171492003	**MW-5S**	EPA 8260C/5030C	207509		
70171492004	**MW-8S**	EPA 8260C/5030C	207509		
70171492005	**MW-10S**	EPA 8260C/5030C	207509		
70171492006	**MW-11S**	EPA 8260C/5030C	207509		
70171492007	**TRIP BLANK**	EPA 8260C/5030C	207509		
70171492008	**BLIND DUPLICATE**	EPA 8260C/5030C	207509		
70171492009	**MS/MSD**	EPA 8260C/5030C	207509		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields mus

WO# : 70171492

70171492

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Envirotrac	Report To:	Tracy Wall	Attention:	[redacted]
Address:	5 Old Dock Road	Copy To:		Company Name:	
	Yaphank, NY 11980			Address:	
Email:	tracyw@envirotrac.com	Purchase Order #:		Pace Quote:	
Phone:	631-924-5695 Fax:	Project Name:	1199 Sulter Avenue	Pace Project Manager:	sophia.sparkes@pacelabs.com,
Requested Due Date:		Project #:	01991373.00 TASK08.0000	Pace Profile #:	6349

State / Location: NY

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test: Y/N	8260 VOCs + 503oC	Trip BLANK	Residual Chlorine (Y/N)
1	MW-1S	W	G	5/4/21	1140				3				3						X		
2	MW-2S				1030																
3	MW-5S				1220																
4	MW-8S				1250																
5	MW-10S				825																
6	MW-11S				900																
7	Trip Blank																			X	
8	Blind Duplicate				900														X		
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Chlorinated list only		5/4	2:15		5/4/21	14:15	14.0	B	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

Sample Condition Upon Rec

WO# : 70171492

PM: STS **Due Date: 05/11/21**

CLIENT: ENVIROTRAC

Pace Analytical®

Client Name: Envirotrac

Proje

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH09 Correction Factor: +0.0

Cooler Temperature(°C): 14.0 Cooler Temperature Corrected(°C): 14.0

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)

Temperature Blank Present: ☐ Yes ☑ No

Type of Ice: Wet (Blue) None

☒ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: 5/4/21 JP

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	~~☐ Yes~~	~~☒ No~~		12. Client provided MS/MSD not listed on COC
-Includes date/time/ID, Matrix: SL (WT) OIL				
All containers needing preservation have been checked?	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐ Yes	☐ No	☑ N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Present:	☑ Yes	☐ No	☐ N/A	17.
Trip Blank Custody Seals Present	☑ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.