GROUNDWATER 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: May 12, 2020

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 IRM approved by the NYSDEC in the IRM Work Plan dated March 28, 2017. The NYSDEC provided a Fact Sheet for the proposed IRM Work Plan on March 29, 2017. The NYSDEC 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), soil vapor extraction (SVE) system consisting of four (4) wells, 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 conducts monthly SVE/AS system Operations and Maintenance (O&M) and quarterly groundwater monitoring. This report summarizes the tasks conducted to date.
- The NYSDEC Category B Deliverables, EDD and Data Usability Summary Report (DUSR) for each quarterly groundwater sampling event were submitted to the NYSDEC EQUIS for the BCP Site.

Work Performed:

Monthly SVE/AS System O&M: February 14, 2019 to March 11, 2020 – 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 to date. SVE system O&M readings include total system air flow, vacuum, temperature, and photoionization detector (PID) readings. The AS system O&M readings include pressure readings. During June to August 2019, the AS system was not operating at an optimal rate. Visits to the site indicated that the temperature within the shed was high due to the blockage of the shed vents by one of the property tenants. Due to a high temperature alarm, the AS portion of the system shut down during this time. This issue was corrected and the tenant was told not to block the vents. Small adjustments were also made to the AS portion of the system. No additional issues have been identified for the SVE/AS system to date. SVE/AS system O&M logs are provided in **Appendix A**.

Quarterly Groundwater Sampling: August 13, 2019, November 22, 2019, and February 14, 2020 – 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, and depth to water and stability parameters were recorded for each well. **Table 1** summarizes the water level measurements collected during August, November 2019 and February 2020. **Table 2** summarizes the groundwater monitoring results for August and November 2019 and February

2020. Historical groundwater monitoring wells sample results from April 2016 to August 2017 are also summarized in **Table 2**.

Groundwater Results:
August 13, 2019 *Depth to Water:* 12.21 to 13.45 feet
November 22, 2019 *Depth to Water:* 12.30 to 13.40 feet
February 14, 2020 *Depth to Water:* 12.21 to 13.31 feet
Flow Direction: South

Tetrachloroethylene (PCE) was detected in MW-1S, MW-5S, MW-8S, and MW-10S above its NYSDEC Class GA Ambient Water Quality Standard (Groundwater Standard) during all three (3) monitoring events. PCE was also detected in MW-11S above its NYSDEC Groundwater Standard during the February 2020. Chloroform was detected in MW-2S and MW-5S above its NYSDEC Groundwater Standard during the August 2019 and February 2020 monitoring events. Chloroform was also detected in MW-11S above its NYSDEC Groundwater Standard during the August and November 2019 monitoring events. Detections of cis-1,2-dichloroethylene, chloroform, chloromethane, trichloroethylene (TCE), and acetone were also detected during the monitoring events and in MW-1S, MW-5S, and MW-10S, but at concentrations below their respective NYSDEC Groundwater Standards.

Conclusions:

When comparing the historical groundwater monitoring well sample results to the most recently groundwater monitoring well sample results, overall PCE, TCE, and cis-1,2-dichloroethylene decreased in MW-1S, MW-2S, MW-5S, MW-10S, and MW-11S.

Monthly SVE/AS 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.

Figures:

Figure 1. Groundwater Contour Map – August 13, 2019
Figure 2. Groundwater Contour Map – November 12, 2019
Figure 3. Groundwater Contour Map – February 14, 2020
Figure 4. As Built Engineering Controls

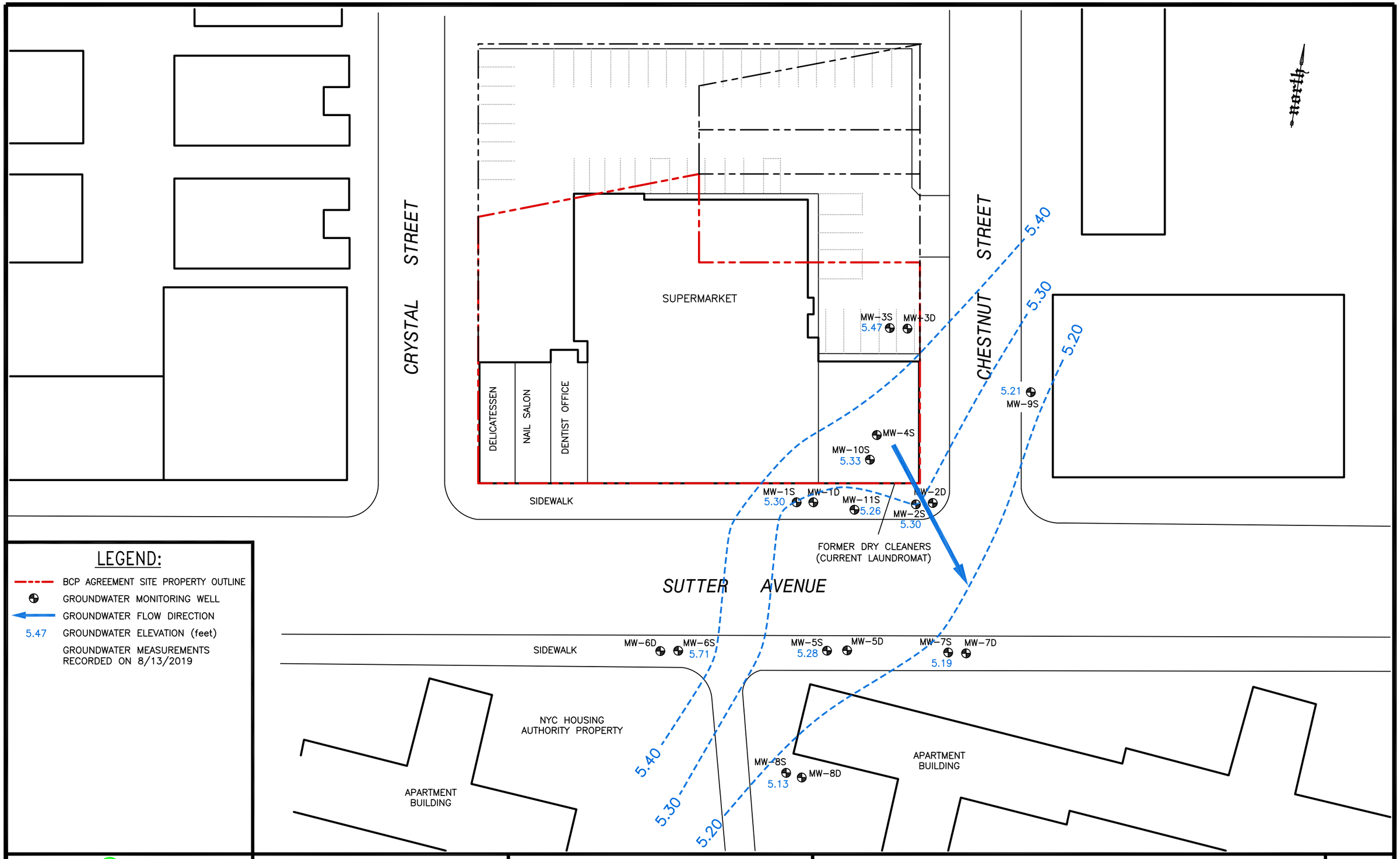
Tables:

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

Appendices:

Appendix A. SVE/AS System Operation and Maintenance Logs
Appendix B. Groundwater Laboratory Reports for August and November 2019 and February 2020

FIGURES



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- GROUNDWATER MONITORING WELL
- GROUNDWATER FLOW DIRECTION
- 5.47 GROUNDWATER ELEVATION (feet)
- GROUNDWATER MEASUREMENTS RECORDED ON 8/13/2019

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

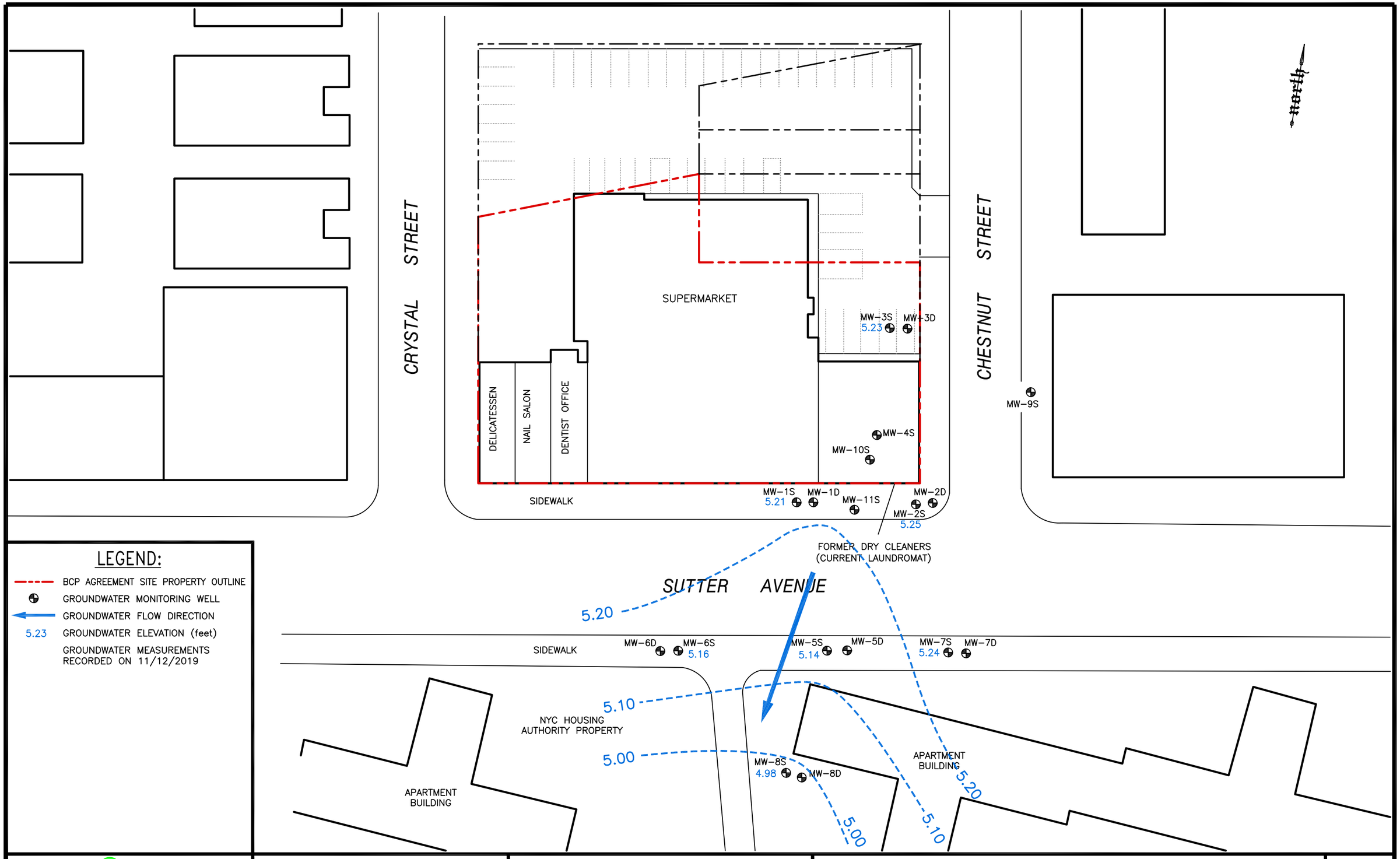
DATE: 5/8/2020

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR MAP
AUGUST 13, 2019

FIGURE # 1



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- GROUNDWATER MONITORING WELL
- GROUNDWATER FLOW DIRECTION
- 5.23 GROUNDWATER ELEVATION (feet)
- GROUNDWATER MEASUREMENTS RECORDED ON 11/12/2019

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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: 5/8/2020

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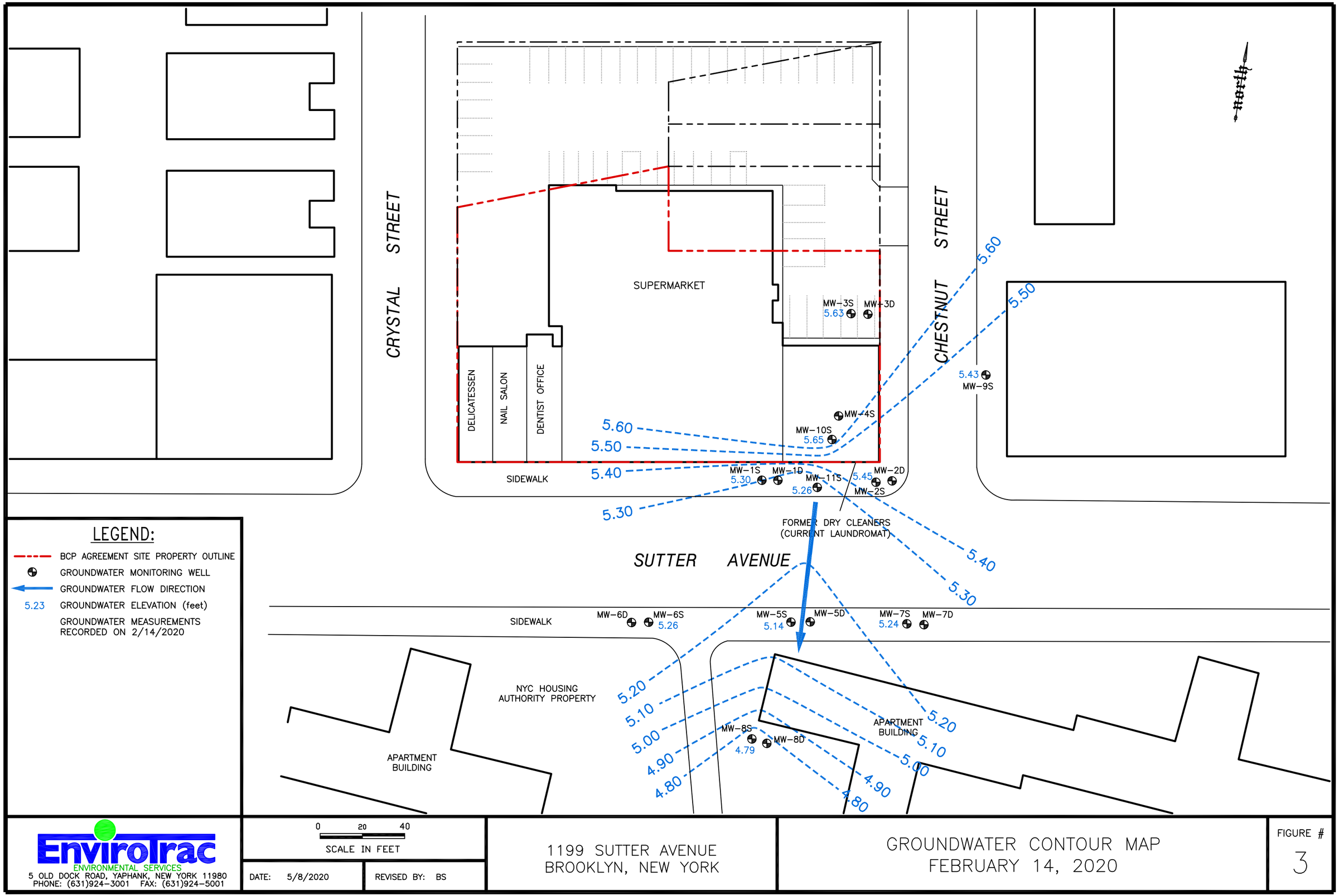
1199 SUTTER AVENUE
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR MAP
NOVEMBER 12, 2019

FIGURE #
2



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- GROUNDWATER MONITORING WELL
- GROUNDWATER FLOW DIRECTION
- 5.23 GROUNDWATER ELEVATION (feet)
- GROUNDWATER MEASUREMENTS RECORDED ON 2/14/2020

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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: 5/8/2020

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR MAP
FEBRUARY 14, 2020

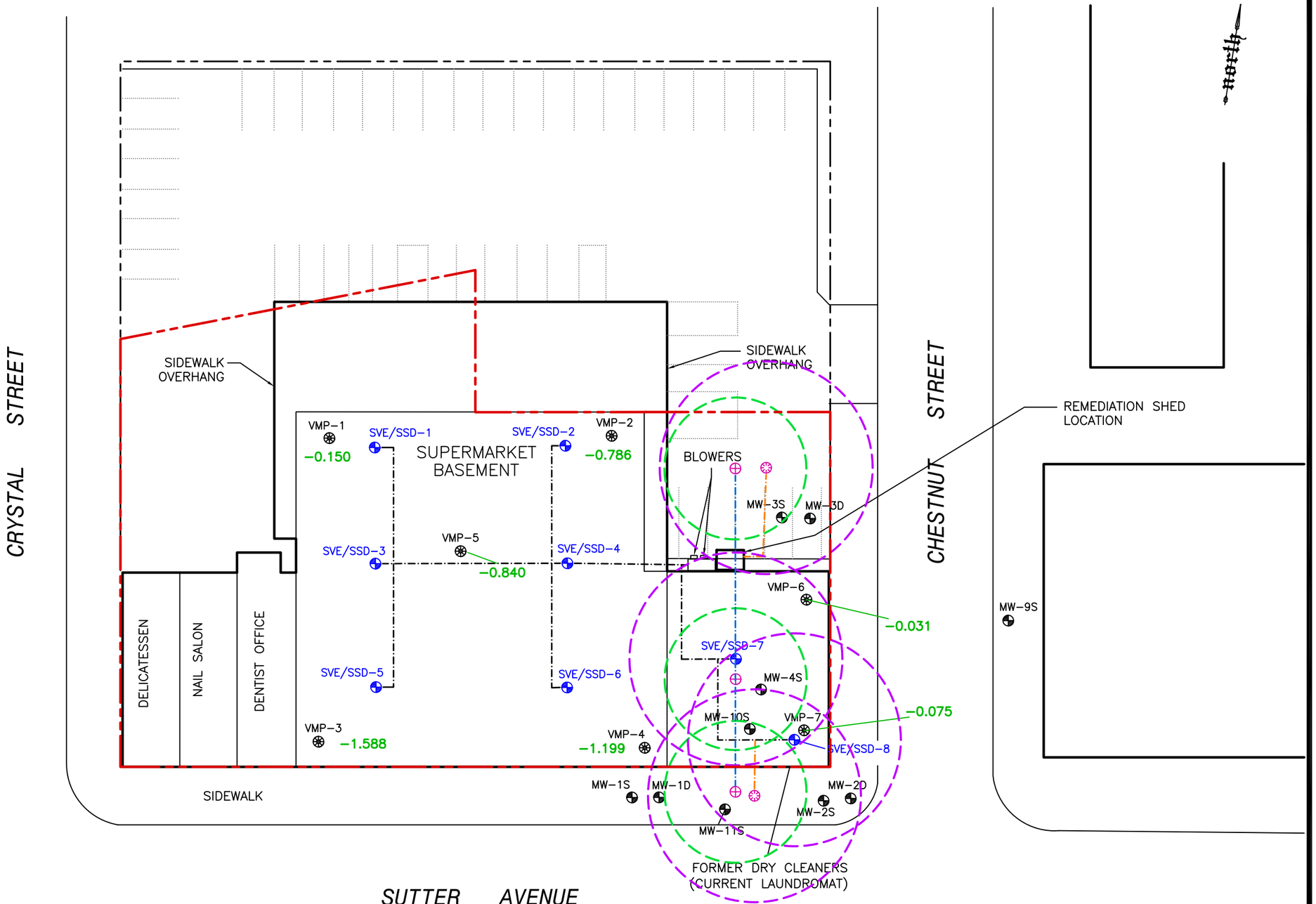
FIGURE #
3

LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- GROUNDWATER MONITORING WELL
- VAPOR MONITORING POINT
- EXISTING SVE/SSDS PIPING
- EXISTING SVE/SSDS WELL
- −0.150 VACUUM (IN INCHES OF WATER) SAMPLE DATE: 5/25/2017
- AIR SPARGE WELL
- SOIL VAPOR EXTRACTION WELL
- SVE PIPING
- AS PIPING
- 30 FT. SVE RADIUS OF INFLUENCE
- 20 FT. AS RADIUS OF INFLUENCE

NOTE:

COVER SYSTEM CONSISTS OF PAVED CONCRETE AND ASPHALT AND BUILDING FOUNDATION PRESENT WITHIN THE SITE BOUNDARY.



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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 # 4

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 grade)	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

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Table 2
Summary of Groundwater Monitoring Well Results
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**	
Volatile Organic Compounds *(in micrograms per liter)*									
Acetone	ND	ND	ND	ND	18.4	ND	ND	ND	50
Chloroform	**30.0**	ND	ND	ND	ND	1.00	1.50	5.30	7
cis-1,2-Dichloroethylene	0.71 J	ND	ND	ND	ND	1.70	ND	ND	5*
Tetrachloroethene	**84.0**	**49.5**	**46.1**	**24.9**	**21.7**	**21.6**	**18.4**	**11.6**	5*
Trichloroethene	3.2	2.1	2.8	1.3	ND	1.2	ND	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**	
Volatile Organic Compounds *(in micrograms per liter)*									
Acetone	ND	8.90	ND	ND	13.4	ND	ND	ND	50
Chloroform	**13.0**	ND	ND	ND	ND	**8.40**	2.80	**7.70**	7
cis-1,2-Dichloroethylene	0.20 J	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**10.0**	2.20	1.10	2.90	1.50	ND	ND	ND	5*
Trichloroethene	0.36 J	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**	
Volatile Organic Compounds *(in micrograms per liter)*									
Acetone	ND	ND	ND	ND	12.4	ND	6.70	ND	50
Chloroform	3.00 J	1.50	1.40	ND	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	1.40	ND	5*
cis-1,2-Dichloroethylene	2.60	ND	**6.10**	**5.10**	**5.30**	ND	ND	ND	5*
Tetrachloroethene	**390**	**575**	**363**	**441**	**719**	**111**	**112**	**78.8**	5*
Trichloroethene	**14.0**	**21.0**	**16.2**	**13.4**	**16.2**	2.20	2.00	1.10	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**	
Volatile Organic Compounds *(in micrograms per liter)*								
Acetone	ND	ND	ND	9.00	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	**9.00**	**9.80**	1.00	7
cis-1,2-Dichloroethylene	ND	1.50	3.50	2.50	ND	ND	ND	5*
Tetrachloroethene	**24.1**	**37.4**	**86.7**	**105**	1.70	ND	**7.00**	5*
Trichloroethene	1.10	2.00	3.40	4.70	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**	
Volatile Organic Compounds *(in micrograms per liter)*									
Acetone	ND	ND	ND	ND	17.6	ND	ND	ND	50
Chloroform	2.40 J	ND	ND	ND	ND	**8.30**	4.30	**8.00**	7
cis-1,2-Dichloroethylene	**5.10**	ND	**5.30**	4.80	ND	2.20	ND	ND	5*
Tetrachloroethene	**200**	**122**	**128**	**136**	**258**	**45.1**	**17.3**	**12.3**	5*
Trichloroethene	**10.0**	**7.40**	**8.20**	**7.30**	**9.60**	2.40	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**	
Volatile Organic Compounds *(in micrograms per liter)*									
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	3.30 J	ND	ND	ND	ND	ND	ND	1.00	7
cis-1,2-Dichloroethylene	0.34 J	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**12.0**	**5.50**	4.30	4.40	**8.40**	**13.9**	**6.40**	**6.80**	5*
Trichloroethene	0.62 J	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.

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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: 14-Feb
Weather / Temp: Clear / 33 DEG F
Technician / Operator: JW,JL

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		240			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		5		
Blower (B-1) Vacuum ("H2O)		83			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		46			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		142			B-1 Run Time (hrs)		0		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	40	56	0.0	SVE-9	("H2O)/(cfm)/(ppm)	70	34	0.0
SVE-8	("H2O)/(cfm)/(ppm)	78	42	0.0	SVE-10	("H2O)/(cfm)/(ppm)	74	55	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		75		
C-1 Pressure (psi)		7.5			Heat Exchanger Effluent Temp (deg F)		54		
C-1 Run Time (hrs)		0							
AS Manifold Legs - Pressure									
AS-2	(psi)	3							
AS-1	(psi)	3							
AS-3	(psi)	3							
Vacuum Influence Monitoring									
VMP-1	("H2O)	NM			VMP-5	("H2O)	NM		
VMP-2	("H2O)	NM			VMP-6	("H2O)	0.177		
VMP-3	("H2O)	NM			VMP-7	("H2O)	0.375		
VMP-4	("H2O)	NM							

Notes, Comments & Observations:

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: 21-Feb
Weather / Temp: Clear / 33 DEG F
Technician / Operator: JFO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		255			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		4		
Blower (B-1) Vacuum ("H2O)		75			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		50			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		145			B-1 Run Time (hrs)		163.8		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	40	65	0.0	SVE-9	("H2O)/(cfm)/(ppm)	68	68	0.0
SVE-8	("H2O)/(cfm)/(ppm)	76	52	0.0	SVE-10	("H2O)/(cfm)/(ppm)	72	70	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		27			Heat Exchanger Influent Temp (deg F)		150		
C-1 Pressure (psi)		7			Heat Exchanger Effluent Temp (deg F)		75		
C-1 Run Time (hrs)		4							
AS Manifold Legs - Pressure									
AS-2	(psi)	2							
AS-1	(psi)	4							
AS-3	(psi)	2							
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:

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: 28-Feb
Weather / Temp: Clear / 35 DEG F
Technician / Operator: JW

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		187			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		6		
Blower (B-1) Vacuum ("H2O)		83			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		60			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		146			B-1 Run Time (hrs)		335.2		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	42	52	0.0	SVE-9	("H2O)/(cfm)/(ppm)	68	32	0.0
SVE-8	("H2O)/(cfm)/(ppm)	76	46	0.0	SVE-10	("H2O)/(cfm)/(ppm)	72	57	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		27			Heat Exchanger Influent Temp (deg F)		82		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		58		
C-1 Run Time (hrs)		111.1							
AS Manifold Legs - Pressure									
AS-2	(psi)	4							
AS-1	(psi)	5							
AS-3	(psi)	5							
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:

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: 7-Mar
Weather / Temp: Clear / 30 DEG F
Technician / Operator: JW

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		187			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		6		
Blower (B-1) Vacuum ("H2O)		84			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		46			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		146			B-1 Run Time (hrs)		499.4		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	42	53	0.0	SVE-9	("H2O)/(cfm)/(ppm)	66	30	0.0
SVE-8	("H2O)/(cfm)/(ppm)	76	48	0.0	SVE-10	("H2O)/(cfm)/(ppm)	72	56	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		27			Heat Exchanger Influent Temp (deg F)		65		
C-1 Pressure (psi)		8.5			Heat Exchanger Effluent Temp (deg F)		57		
C-1 Run Time (hrs)		213.7							
AS Manifold Legs - Pressure									
AS-2	(psi)	4.5							
AS-1	(psi)	5							
AS-3	(psi)	4.5							
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:

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1199 Sutter Avenue
Brooklyn, NY

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

Date: 13-Mar
Weather / Temp: Clear / 45 DEG F
Technician / Operator: JW

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		175			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		6		
Blower (B-1) Vacuum ("H2O)		83			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		56			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		156			B-1 Run Time (hrs)		646.1		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	42	52	0.0	SVE-9	("H2O)/(cfm)/(ppm)	67	32	0.0
SVE-8	("H2O)/(cfm)/(ppm)	76	46	0.0	SVE-10	("H2O)/(cfm)/(ppm)	72	56	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		27			Heat Exchanger Influent Temp (deg F)		110		
C-1 Pressure (psi)		7			Heat Exchanger Effluent Temp (deg F)		86		
C-1 Run Time (hrs)		335.6							
AS Manifold Legs - Pressure									
AS-2	(psi)	4							
AS-1	(psi)	4							
AS-3	(psi)	3.5							
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:

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1199 Sutter Avenue
Brooklyn, NY

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

Date: 10-Apr
Weather / Temp: Clear / 49 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		170			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		5		
Blower (B-1) Vacuum ("H2O)		82			B- 1 Effluent PID (ppm)		18.8		
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)		1,318.6		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	42	60	10.3	SVE-9	("H2O)/(cfm)/(ppm)	68	38	60.1
SVE-8	("H2O)/(cfm)/(ppm)	78	56	8.3	SVE-10	("H2O)/(cfm)/(ppm)	73	62	19.2
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		95		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		85		
C-1 Run Time (hrs)		892.1							
AS Manifold Legs - Pressure									
AS-2	(psi)	5							
AS-1	(psi)	5							
AS-3	(psi)	5							
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:

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1199 Sutter Avenue
Brooklyn, NY

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

Date: 22-May
Weather / Temp: Clear / 65 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		170			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		78			B- 1 Effluent Pressure ("H2O)		5		
Blower (B-1) Vacuum ("H2O)		82			B- 1 Effluent PID (ppm)		17.0		
B- 1 Influent Temp (deg F)		75			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		175			B-1 Run Time (hrs)		2,326.4		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	64	80	4.6	SVE-9	("H2O)/(cfm)/(ppm)	68	35	10.2
SVE-8	("H2O)/(cfm)/(ppm)	70	110	6.3	SVE-10	("H2O)/(cfm)/(ppm)	69	52	6.8
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		120		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		100		
C-1 Run Time (hrs)		1,814.6							
AS Manifold Legs - Pressure									
AS-2	(psi)	5							
AS-1	(psi)	5							
AS-3	(psi)	5							
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 high temp alarm on upon arrival, reset breaker for air cooler fan and restarted AS compressor.

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Brooklyn, NY

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

Date: 8-Jul
Weather / Temp: Clear / 85 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		175			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		78			B- 1 Effluent Pressure ("H2O)		6		
Blower (B-1) Vacuum ("H2O)		80			B- 1 Effluent PID (ppb)		500.0		
B- 1 Influent Temp (deg F)		70			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		170			B-1 Run Time (hrs)		3,455.4		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppb)	70	70	828.0	SVE-9	("H2O)/(cfm)/(ppb)	70	32	983.0
SVE-8	("H2O)/(cfm)/(ppb)	72	50	763.0	SVE-10	("H2O)/(cfm)/(ppb)	68	50	819.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		26			Heat Exchanger Influent Temp (deg F)		100		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		95		
C-1 Run Time (hrs)		1,842.9							
AS Manifold Legs - Pressure									
AS-2	(psi)	1							
AS-1	(psi)	4							
AS-3	(psi)	5							
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 High Temp Alarm on upon arrival.

Operation & Maintenance Data Sheet
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1199 Sutter Avenue
Brooklyn, NY

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

Date: 13-Aug
Weather / Temp: Clear / 80 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		175			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		4		
Blower (B-1) Vacuum ("H2O)		84			B- 1 Effluent PID (ppm)		2.1		
B- 1 Influent Temp (deg F)		70			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		175			B-1 Run Time (hrs)		4,311.5		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	70	65	0.7	SVE-9	("H2O)/(cfm)/(ppm)	70	42	5.2
SVE-8	("H2O)/(cfm)/(ppm)	72	50	1.2	SVE-10	("H2O)/(cfm)/(ppm)	69	64	2.5
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		105		
C-1 Pressure (psi)		7			Heat Exchanger Effluent Temp (deg F)		90		
C-1 Run Time (hrs)		1,849.9							
AS Manifold Legs - Pressure									
AS-2	(psi)	4							
AS-1	(psi)	5							
AS-3	(psi)	5							
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							

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1199 Sutter Avenue
Brooklyn, NY

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

Date: 23-Oct
Weather / Temp: Clear / 60 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		175			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		80			B- 1 Effluent Pressure ("H2O)		5		
Blower (B-1) Vacuum ("H2O)		84			B- 1 Effluent PID (ppm)		1.0		
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)		6,037.3		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	70	60	1.2	SVE-9	("H2O)/(cfm)/(ppm)	70	40	2.2
SVE-8	("H2O)/(cfm)/(ppm)	70	50	1.2	SVE-10	("H2O)/(cfm)/(ppm)	70	30	1.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		120		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		80		
C-1 Run Time (hrs)		2,857.7							
AS Manifold Legs - Pressure									
AS-2	(psi)	6							
AS-1	(psi)	7							
AS-3	(psi)	6							
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							

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Brooklyn, NY

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

Date: 10-Dec
Weather / Temp: Rain / 55 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		175			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		78			B- 1 Effluent Pressure ("H2O)		5		
Blower (B-1) Vacuum ("H2O)		80			B- 1 Effluent PID (ppm)		1.0		
B- 1 Influent Temp (deg F)		45			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		150			B-1 Run Time (hrs)		7,163.9		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	70	60	0.0	SVE-9	("H2O)/(cfm)/(ppm)	70	50	0.0
SVE-8	("H2O)/(cfm)/(ppm)	70	52	0.0	SVE-10	("H2O)/(cfm)/(ppm)	68	50	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		75		
C-1 Pressure (psi)		7			Heat Exchanger Effluent Temp (deg F)		90		
C-1 Run Time (hrs)		3,606.4							
AS Manifold Legs - Pressure									
AS-2	(psi)	4							
AS-1	(psi)	5							
AS-3	(psi)	5							
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							

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1199 Sutter Avenue
Brooklyn, NY

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

Date: 22-Jan
Weather / Temp: Clear / 35 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		170			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		82			B- 1 Effluent Pressure ("H2O)		2		
Blower (B-1) Vacuum ("H2O)		86			B- 1 Effluent PID (ppm)		0.1		
B- 1 Influent Temp (deg F)		48			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		120			B-1 Run Time (hrs)		8,193.0		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	74	50	0.0	SVE-9	("H2O)/(cfm)/(ppm)	70	48	0.0
SVE-8	("H2O)/(cfm)/(ppm)	76	55	0.1	SVE-10	("H2O)/(cfm)/(ppm)	58	40	0.2
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		17.5			Heat Exchanger Influent Temp (deg F)		60		
C-1 Pressure (psi)		9			Heat Exchanger Effluent Temp (deg F)		70		
C-1 Run Time (hrs)		4,293.4							
AS Manifold Legs - Pressure									
AS-2	(psi)	4							
AS-1	(psi)	4							
AS-3	(psi)	5							
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							

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Brooklyn, NY

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

Date: 14-Feb
Weather / Temp: Cloudy / 45 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		170			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		82			B- 1 Effluent Pressure ("H2O)		8		
Blower (B-1) Vacuum ("H2O)		82			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)		8,744.8		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	76	45	0.0	SVE-9	("H2O)/(cfm)/(ppm)	70	40	0.0
SVE-8	("H2O)/(cfm)/(ppm)	78	50	0.5	SVE-10	("H2O)/(cfm)/(ppm)	35	49	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		24			Heat Exchanger Influent Temp (deg F)		110		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		75		
C-1 Run Time (hrs)		4,658.6							
AS Manifold Legs - Pressure									
AS-2	(psi)	3							
AS-1	(psi)	4							
AS-3	(psi)	4							
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							

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Brooklyn, NY

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

Date: 11-Mar
Weather / Temp: Clear / 50 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		175			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		84			B- 1 Effluent Pressure ("H2O)		4		
Blower (B-1) Vacuum ("H2O)		84			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		55			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		150			B-1 Run Time (hrs)		9,364.1		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	70	60	0.0	SVE-9	("H2O)/(cfm)/(ppm)	68	50	0.0
SVE-8	("H2O)/(cfm)/(ppm)	74	58	0.5	SVE-10	("H2O)/(cfm)/(ppm)	24	72	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		28			Heat Exchanger Influent Temp (deg F)		120		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		100		
C-1 Run Time (hrs)		5,072.5							
AS Manifold Legs - Pressure									
AS-2	(psi)	4							
AS-1	(psi)	5							
AS-3	(psi)	4							
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							

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Brooklyn, NY

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

Date: 23-Apr
Weather / Temp: Rain / 42 DEG F
Technician / Operator: JO

Soil Vapor Extraction System									
System Total Air Flow Rate (cfm)		150			Fresh Air Valve Open (%)		0		
Vacuum Before Air Filter ("H2O)		85			B- 1 Effluent Pressure ("H2O)		2		
Blower (B-1) Vacuum ("H2O)		89			B- 1 Effluent PID (ppm)		0.0		
B- 1 Influent Temp (deg F)		55			B-1 Effluent Sample Taken? (Y or N)		N		
B- 1 Effluent Temp (deg F)		160			B-1 Run Time (hrs)		10,392.3		
SVE Manifold Legs - Vacuum/Flow Rate/PID									
SVE-7	("H2O)/(cfm)/(ppm)	80	50	0.0	SVE-9	("H2O)/(cfm)/(ppm)	70	50	0.0
SVE-8	("H2O)/(cfm)/(ppm)	80	55	0.0	SVE-10	("H2O)/(cfm)/(ppm)	20	65	0.0
Air Sparge System									
Compressor (C-1) Influent Flow Rate (cfm)		25.1			Heat Exchanger Influent Temp (deg F)		95		
C-1 Pressure (psi)		8			Heat Exchanger Effluent Temp (deg F)		85		
C-1 Run Time (hrs)		5,757.4							
AS Manifold Legs - Pressure									
AS-2	(psi)	6							
AS-1	(psi)	6							
AS-3	(psi)	7							
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:

Appendix B

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

August 20, 2019

Tracy Wall
Envirotrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

RE: Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Dear Tracy Wall:
Enclosed are the analytical results for sample(s) received by the laboratory on August 13, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mr. Ed Russo, Envirotrac

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

CERTIFICATIONS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Long Island Certification IDs

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

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SAMPLE ANALYTE COUNT

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70101142001	**MW-1S**	EPA 8260C/5030C	BBL	73	PACE-MV
70101142002	**MW-2S**	EPA 8260C/5030C	BBL	73	PACE-MV
70101142003	**MW-5S**	EPA 8260C/5030C	BBL	73	PACE-MV
70101142004	**MW-8S**	EPA 8260C/5030C	BBL	73	PACE-MV
70101142005	**MW-10S**	EPA 8260C/5030C	BBL	73	PACE-MV
70101142006	**MW-11S**	EPA 8260C/5030C	BBL	73	PACE-MV

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ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-1S **Lab ID: 70101142001** Collected: 08/13/19 12:31 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Acetone	**<5.0**	ug/L	5.0	1		08/14/19 14:22	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-25-2	CL
Bromomethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	74-83-9	CL
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		08/14/19 14:22	78-93-3	IL
n-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	104-51-8	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	98-06-6	
Carbon disulfide	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		08/14/19 14:22	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	108-90-7	
Chlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-45-6	N3
Chloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-00-3	
Chloroform	**1.0**	ug/L	1.0	1		08/14/19 14:22	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	106-43-4	L1
Dibromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		08/14/19 14:22	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	110-57-6	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-71-8	CL
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-35-4	
cis-1,2-Dichloroethene	**1.7**	ug/L	1.0	1		08/14/19 14:22	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	10061-02-6	
1,4-Diethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	105-05-5	N3
Ethanol	**<250**	ug/L	250	1		08/14/19 14:22	64-17-5	
Ethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		08/14/19 14:22	591-78-6	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		08/14/19 14:22	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	99-87-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-1S **Lab ID: 70101142001** Collected: 08/13/19 12:31 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		08/14/19 14:22	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		08/14/19 14:22	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	103-65-1	
Styrene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	79-34-5	
Tetrachloroethene	**21.6**	ug/L	1.0	1		08/14/19 14:22	127-18-4	
1,2,4,5-tetramethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	95-93-2	N3
Toluene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	1		08/14/19 14:22	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:22	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	108-67-8	
Vinyl chloride	**<1.0**	ug/L	1.0	1		08/14/19 14:22	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		08/14/19 14:22	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		08/14/19 14:22	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		08/14/19 14:22	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		08/14/19 14:22	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		08/14/19 14:22	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		08/14/19 14:22	2037-26-5	

Sample: MW-2S **Lab ID: 70101142002** Collected: 08/13/19 11:00 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Acetone	**<5.0**	ug/L	5.0	1		08/14/19 14:45	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-25-2	CL
Bromomethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	74-83-9	CL
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		08/14/19 14:45	78-93-3	IL
n-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	104-51-8	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	98-06-6	
Carbon disulfide	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		08/14/19 14:45	56-23-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-2S **Lab ID: 70101142002** Collected: 08/13/19 11:00 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	108-90-7	
Chlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-45-6	N3
Chloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-00-3	
Chloroform	**8.4**	ug/L	1.0	1		08/14/19 14:45	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	106-43-4	L1
Dibromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		08/14/19 14:45	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	110-57-6	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-71-8	CL
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	10061-02-6	
1,4-Diethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	105-05-5	N3
Ethanol	**<250**	ug/L	250	1		08/14/19 14:45	64-17-5	
Ethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		08/14/19 14:45	591-78-6	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		08/14/19 14:45	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	99-87-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		08/14/19 14:45	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		08/14/19 14:45	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	103-65-1	
Styrene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	79-34-5	
Tetrachloroethene	**2.0**	ug/L	1.0	1		08/14/19 14:45	127-18-4	
1,2,4,5-tetramethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	95-93-2	N3
Toluene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	71-55-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-2S **Lab ID: 70101142002** Collected: 08/13/19 11:00 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 14:45	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	108-67-8	
Vinyl chloride	**<1.0**	ug/L	1.0	1		08/14/19 14:45	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		08/14/19 14:45	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		08/14/19 14:45	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		08/14/19 14:45	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		08/14/19 14:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		08/14/19 14:45	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		08/14/19 14:45	2037-26-5	

Sample: MW-5S **Lab ID: 70101142003** Collected: 08/13/19 13:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Acetone	**<5.0**	ug/L	5.0	1		08/14/19 15:08	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-25-2	CL
Bromomethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	74-83-9	CL
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		08/14/19 15:08	78-93-3	IL
n-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	104-51-8	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	98-06-6	
Carbon disulfide	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		08/14/19 15:08	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	108-90-7	
Chlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-45-6	N3
Chloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-00-3	
Chloroform	**8.3**	ug/L	1.0	1		08/14/19 15:08	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	106-43-4	L1
Dibromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		08/14/19 15:08	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-5S **Lab ID: 70101142003** Collected: 08/13/19 13:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	110-57-6	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-71-8	CL
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-35-4	
cis-1,2-Dichloroethene	**2.2**	ug/L	1.0	1		08/14/19 15:08	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	10061-02-6	
1,4-Diethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	105-05-5	N3
Ethanol	**<250**	ug/L	250	1		08/14/19 15:08	64-17-5	
Ethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		08/14/19 15:08	591-78-6	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		08/14/19 15:08	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	99-87-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		08/14/19 15:08	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		08/14/19 15:08	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	103-65-1	
Styrene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	79-34-5	
Tetrachloroethene	**45.1**	ug/L	1.0	1		08/14/19 15:08	127-18-4	
1,2,4,5-tetramethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	95-93-2	N3
Toluene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	79-00-5	
Trichloroethene	**2.4**	ug/L	1.0	1		08/14/19 15:08	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:08	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	108-67-8	
Vinyl chloride	**<1.0**	ug/L	1.0	1		08/14/19 15:08	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		08/14/19 15:08	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		08/14/19 15:08	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		08/14/19 15:08	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	68-153	1		08/14/19 15:08	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		08/14/19 15:08	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-5S **Lab ID: 70101142003** Collected: 08/13/19 13:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Surrogates								
Toluene-d8 (S)	97	%	69-124	1		08/14/19 15:08	2037-26-5	

Sample: MW-8S **Lab ID: 70101142004** Collected: 08/13/19 14:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Acetone	**<5.0**	ug/L	5.0	1		08/14/19 15:31	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-25-2	CL
Bromomethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	74-83-9	CL
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		08/14/19 15:31	78-93-3	IL
n-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	104-51-8	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	98-06-6	
Carbon disulfide	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		08/14/19 15:31	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	108-90-7	
Chlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-45-6	N3
Chloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		08/14/19 15:31	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	106-43-4	L1
Dibromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		08/14/19 15:31	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	110-57-6	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-71-8	CL
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	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 AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-8S **Lab ID: 70101142004** Collected: 08/13/19 14:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	10061-02-6	
1,4-Diethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	105-05-5	N3
Ethanol	**<250**	ug/L	250	1		08/14/19 15:31	64-17-5	
Ethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		08/14/19 15:31	591-78-6	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		08/14/19 15:31	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	99-87-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		08/14/19 15:31	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		08/14/19 15:31	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	103-65-1	
Styrene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	79-34-5	
Tetrachloroethene	**13.9**	ug/L	1.0	1		08/14/19 15:31	127-18-4	
1,2,4,5-tetramethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	95-93-2	N3
Toluene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:31	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	108-67-8	
Vinyl chloride	**<1.0**	ug/L	1.0	1		08/14/19 15:31	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		08/14/19 15:31	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		08/14/19 15:31	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		08/14/19 15:31	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	68-153	1		08/14/19 15:31	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		08/14/19 15:31	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		08/14/19 15:31	2037-26-5	

Sample: MW-10S **Lab ID: 70101142005** Collected: 08/13/19 15:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Acetone	**<5.0**	ug/L	5.0	1		08/14/19 15:54	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	74-97-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-10S **Lab ID: 70101142005** Collected: 08/13/19 15:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Bromodichloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-25-2	CL,M1
Bromomethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	74-83-9	CL,M1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		08/14/19 15:54	78-93-3	IL
n-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	104-51-8	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	98-06-6	
Carbon disulfide	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		08/14/19 15:54	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	108-90-7	
Chlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-45-6	N3
Chloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		08/14/19 15:54	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	106-43-4	L1
Dibromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		08/14/19 15:54	106-93-4	M1
Dibromomethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	110-57-6	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-71-8	CL
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	10061-01-5	M1
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	10061-02-6	M1
1,4-Diethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	105-05-5	N3
Ethanol	**<250**	ug/L	250	1		08/14/19 15:54	64-17-5	
Ethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		08/14/19 15:54	591-78-6	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		08/14/19 15:54	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	99-87-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		08/14/19 15:54	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		08/14/19 15:54	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	103-65-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-10S **Lab ID: 70101142005** Collected: 08/13/19 15:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Styrene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	630-20-6	M1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	79-34-5	
Tetrachloroethene	**111**	ug/L	1.0	1		08/14/19 15:54	127-18-4	
1,2,4,5-tetramethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	95-93-2	N3
Toluene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	1		08/14/19 15:54	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 15:54	96-18-4	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	108-67-8	
Vinyl chloride	**<1.0**	ug/L	1.0	1		08/14/19 15:54	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		08/14/19 15:54	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		08/14/19 15:54	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		08/14/19 15:54	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		08/14/19 15:54	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		08/14/19 15:54	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		08/14/19 15:54	2037-26-5	

Sample: MW-11S **Lab ID: 70101142006** Collected: 08/13/19 12:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Acetone	**<5.0**	ug/L	5.0	1		08/14/19 16:17	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-25-2	CL
Bromomethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	74-83-9	CL
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		08/14/19 16:17	78-93-3	IL
n-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	104-51-8	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	98-06-6	
Carbon disulfide	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		08/14/19 16:17	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	108-90-7	
Chlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-45-6	N3
Chloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-00-3	
Chloroform	**9.0**	ug/L	1.0	1		08/14/19 16:17	67-66-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-11S **Lab ID: 70101142006** Collected: 08/13/19 12:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chloromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	74-87-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	95-49-8	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	106-43-4	L1
Dibromochloromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	124-48-1	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		08/14/19 16:17	106-93-4	
Dibromomethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	74-95-3	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	95-50-1	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	541-73-1	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	106-46-7	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	110-57-6	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-71-8	CL
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-34-3	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	107-06-2	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-35-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	156-59-2	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	156-60-5	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	78-87-5	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	142-28-9	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	563-58-6	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	10061-02-6	
1,4-Diethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	105-05-5	N3
Ethanol	**<250**	ug/L	250	1		08/14/19 16:17	64-17-5	
Ethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	87-68-3	
2-Hexanone	**<5.0**	ug/L	5.0	1		08/14/19 16:17	591-78-6	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		08/14/19 16:17	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	99-87-6	
Methylene Chloride	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		08/14/19 16:17	108-10-1	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		08/14/19 16:17	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	91-20-3	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	103-65-1	
Styrene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	79-34-5	
Tetrachloroethene	**1.7**	ug/L	1.0	1		08/14/19 16:17	127-18-4	
1,2,4,5-tetramethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	95-93-2	N3
Toluene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	87-61-6	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	120-82-1	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	71-55-6	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	79-00-5	
Trichloroethene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-69-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		08/14/19 16:17	96-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Sample: MW-11S **Lab ID: 70101142006** Collected: 08/13/19 12:01 Received: 08/13/19 17:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	108-67-8	
Vinyl chloride	**<1.0**	ug/L	1.0	1		08/14/19 16:17	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		08/14/19 16:17	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		08/14/19 16:17	179601-23-1	
o-Xylene	**<1.0**	ug/L	1.0	1		08/14/19 16:17	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	68-153	1		08/14/19 16:17	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		08/14/19 16:17	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		08/14/19 16:17	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 AVE/ 01.991373.00
Pace Project No.: 70101142

QC Batch: 125945 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 70101142001, 70101142002, 70101142003, 70101142004, 70101142005, 70101142006

METHOD BLANK: 600620 Matrix: Water
Associated Lab Samples: 70101142001, 70101142002, 70101142003, 70101142004, 70101142005, 70101142006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
1,1-Dichloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
1,1-Dichloroethene	ug/L	<1.0	1.0	08/14/19 13:01	
1,1-Dichloropropene	ug/L	<1.0	1.0	08/14/19 13:01	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	08/14/19 13:01	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	N3
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	08/14/19 13:01	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,2-Dichloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
1,2-Dichloropropane	ug/L	<1.0	1.0	08/14/19 13:01	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,3-Dichloropropane	ug/L	<1.0	1.0	08/14/19 13:01	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
1,4-Diethylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	N3
2,2-Dichloropropane	ug/L	<1.0	1.0	08/14/19 13:01	
2-Butanone (MEK)	ug/L	<5.0	5.0	08/14/19 13:01	IL
2-Chlorotoluene	ug/L	<1.0	1.0	08/14/19 13:01	
2-Hexanone	ug/L	<5.0	5.0	08/14/19 13:01	
4-Chlorotoluene	ug/L	<1.0	1.0	08/14/19 13:01	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	08/14/19 13:01	
Acetone	ug/L	<5.0	5.0	08/14/19 13:01	IC
Benzene	ug/L	<1.0	1.0	08/14/19 13:01	
Bromobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
Bromochloromethane	ug/L	<1.0	1.0	08/14/19 13:01	
Bromodichloromethane	ug/L	<1.0	1.0	08/14/19 13:01	
Bromoform	ug/L	<1.0	1.0	08/14/19 13:01	CL
Bromomethane	ug/L	<1.0	1.0	08/14/19 13:01	CL
Carbon disulfide	ug/L	<1.0	1.0	08/14/19 13:01	
Carbon tetrachloride	ug/L	<1.0	1.0	08/14/19 13:01	
Chlorobenzene	ug/L	<1.0	1.0	08/14/19 13:01	
Chlorodifluoromethane	ug/L	<1.0	1.0	08/14/19 13:01	N3
Chloroethane	ug/L	<1.0	1.0	08/14/19 13:01	
Chloroform	ug/L	<1.0	1.0	08/14/19 13:01	
Chloromethane	ug/L	<1.0	1.0	08/14/19 13:01	

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
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Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

METHOD BLANK: 600620 Matrix: Water
Associated Lab Samples: 70101142001, 70101142002, 70101142003, 70101142004, 70101142005, 70101142006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	08/14/19 13:01	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	08/14/19 13:01	
Dibromochloromethane	ug/L	<1.0	1.0	08/14/19 13:01	
Dibromomethane	ug/L	<1.0	1.0	08/14/19 13:01	
Dichlorodifluoromethane	ug/L	<1.0	1.0	08/14/19 13:01	CL
Ethanol	ug/L	<250	250	08/14/19 13:01	
Ethylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	08/14/19 13:01	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	08/14/19 13:01	
m&p-Xylene	ug/L	<2.0	2.0	08/14/19 13:01	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	08/14/19 13:01	
Methylene Chloride	ug/L	<1.0	1.0	08/14/19 13:01	
n-Butylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
n-Propylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
Naphthalene	ug/L	<1.0	1.0	08/14/19 13:01	
o-Xylene	ug/L	<1.0	1.0	08/14/19 13:01	
p-Isopropyltoluene	ug/L	<1.0	1.0	08/14/19 13:01	
sec-Butylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
Styrene	ug/L	<1.0	1.0	08/14/19 13:01	
tert-Butylbenzene	ug/L	<1.0	1.0	08/14/19 13:01	
Tetrachloroethene	ug/L	<1.0	1.0	08/14/19 13:01	
Toluene	ug/L	<1.0	1.0	08/14/19 13:01	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	08/14/19 13:01	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	08/14/19 13:01	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	08/14/19 13:01	
Trichloroethene	ug/L	<1.0	1.0	08/14/19 13:01	
Trichlorofluoromethane	ug/L	<1.0	1.0	08/14/19 13:01	
Vinyl chloride	ug/L	<1.0	1.0	08/14/19 13:01	
Xylene (Total)	ug/L	<3.0	3.0	08/14/19 13:01	
1,2-Dichloroethane-d4 (S)	%	108	68-153	08/14/19 13:01	
4-Bromofluorobenzene (S)	%	96	79-124	08/14/19 13:01	
Toluene-d8 (S)	%	97	69-124	08/14/19 13:01	

LABORATORY CONTROL SAMPLE: 600621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	40.3	81	74-113	
1,1,1-Trichloroethane	ug/L	50	45.2	90	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	74-121	
1,1,2-Trichloroethane	ug/L	50	46.8	94	80-117	
1,1-Dichloroethane	ug/L	50	51.9	104	83-151	
1,1-Dichloroethene	ug/L	50	47.9	96	45-146	
1,1-Dichloropropene	ug/L	50	46.9	94	59-127	
1,2,3-Trichlorobenzene	ug/L	50	41.3	83	67-103	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

LABORATORY CONTROL SAMPLE: 600621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	43.9	88	71-123	
1,2,4,5-tetramethylbenzene	ug/L	50	47.0	94	66-103	N3
1,2,4-Trichlorobenzene	ug/L	50	42.7	85	66-116	
1,2,4-Trimethylbenzene	ug/L	50	48.6	97	68-116	
1,2-Dibromoethane (EDB)	ug/L	50	43.5	87	83-115	
1,2-Dichlorobenzene	ug/L	50	46.7	93	74-113	
1,2-Dichloroethane	ug/L	50	55.2	110	74-129	
1,2-Dichloropropane	ug/L	50	46.9	94	75-117	
1,3,5-Trimethylbenzene	ug/L	50	48.5	97	67-116	
1,3-Dichlorobenzene	ug/L	50	46.1	92	71-112	
1,3-Dichloropropane	ug/L	50	46.1	92	74-112	
1,4-Dichlorobenzene	ug/L	50	46.0	92	71-113	
1,4-Diethylbenzene	ug/L	50	47.3	95	56-130	N3
2,2-Dichloropropane	ug/L	50	49.9	100	63-133	
2-Butanone (MEK)	ug/L	50	46.3	93	44-162	IL
2-Chlorotoluene	ug/L	50	49.5	99	74-101	
2-Hexanone	ug/L	50	43.4	87	32-183	
4-Chlorotoluene	ug/L	50	51.2	102	74-101	L1
4-Methyl-2-pentanone (MIBK)	ug/L	50	46.3	93	69-132	
Acetone	ug/L	50	50.1	100	23-188	IC
Benzene	ug/L	50	45.8	92	73-119	
Bromobenzene	ug/L	50	44.9	90	72-102	
Bromochloromethane	ug/L	50	49.8	100	81-116	
Bromodichloromethane	ug/L	50	48.1	96	78-117	
Bromoform	ug/L	50	37.1	74	65-122	CL
Bromomethane	ug/L	50	41.7	83	52-147	CL
Carbon disulfide	ug/L	50	44.2	88	41-144	
Carbon tetrachloride	ug/L	50	49.1	98	59-120	
Chlorobenzene	ug/L	50	44.0	88	75-113	
Chlorodifluoromethane	ug/L	50	42.4	85	43-140	N3
Chloroethane	ug/L	50	50.6	101	49-151	
Chloroform	ug/L	50	54.5	109	72-122	
Chloromethane	ug/L	50	40.4	81	46-144	
cis-1,2-Dichloroethene	ug/L	50	49.2	98	72-121	
cis-1,3-Dichloropropene	ug/L	50	45.9	92	78-116	
Dibromochloromethane	ug/L	50	41.8	84	70-120	
Dibromomethane	ug/L	50	44.2	88	75-125	
Dichlorodifluoromethane	ug/L	50	33.3	67	22-154	CL
Ethanol	ug/L	1250	1450	116	10-151	CH
Ethylbenzene	ug/L	50	43.8	88	70-113	
Hexachloro-1,3-butadiene	ug/L	50	41.0	82	59-121	
Isopropylbenzene (Cumene)	ug/L	50	48.2	96	67-115	
m&p-Xylene	ug/L	100	86.1	86	72-115	
Methyl-tert-butyl ether	ug/L	50	50.9	102	72-131	
Methylene Chloride	ug/L	50	50.5	101	61-142	
n-Butylbenzene	ug/L	50	51.0	102	73-107	
n-Propylbenzene	ug/L	50	50.5	101	68-116	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

LABORATORY CONTROL SAMPLE: 600621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	45.3	91	70-118	
o-Xylene	ug/L	50	43.4	87	73-117	
p-Isopropyltoluene	ug/L	50	46.6	93	73-101	
sec-Butylbenzene	ug/L	50	48.8	98	72-103	
Styrene	ug/L	50	44.0	88	72-118	
tert-Butylbenzene	ug/L	50	47.7	95	68-100	
Tetrachloroethene	ug/L	50	38.7	77	60-128	
Toluene	ug/L	50	45.9	92	72-119	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	56-142	
trans-1,3-Dichloropropene	ug/L	50	44.0	88	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	55.1	110	71-121	
Trichloroethene	ug/L	50	44.4	89	69-117	
Trichlorofluoromethane	ug/L	50	50.3	101	27-173	
Vinyl chloride	ug/L	50	46.5	93	43-143	
Xylene (Total)	ug/L	150	129	86	71-109	
1,2-Dichloroethane-d4 (S)	%			108	68-153	
4-Bromofluorobenzene (S)	%			95	79-124	
Toluene-d8 (S)	%			97	69-124	

MATRIX SPIKE SAMPLE: 601048

Parameter	Units	70101142005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	35.5	71	74-113	M1
1,1,1-Trichloroethane	ug/L	<1.0	50	40.6	81	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	42.2	84	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	44.5	89	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	45.8	92	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	39.2	78	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	42.4	85	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	35.3	71	67-103	
1,2,3-Trichloropropane	ug/L	<1.0	50	37.0	74	71-123	
1,2,4,5-tetramethylbenzene	ug/L	<1.0	50	41.3	83	66-103	N3
1,2,4-Trichlorobenzene	ug/L	<1.0	50	35.7	71	66-116	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	43.2	86	68-116	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	37.7	75	83-115	M1
1,2-Dichlorobenzene	ug/L	<1.0	50	39.8	80	74-113	
1,2-Dichloroethane	ug/L	<1.0	50	48.6	97	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	41.5	83	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	42.9	86	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	40.3	81	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	39.9	80	74-112	
1,4-Dichlorobenzene	ug/L	<1.0	50	40.3	81	71-113	
1,4-Diethylbenzene	ug/L	<1.0	50	41.8	84	56-130	N3
2,2-Dichloropropane	ug/L	<1.0	50	40.1	80	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	39.2	78	44-162	IL

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

MATRIX SPIKE SAMPLE: 601048

Parameter	Units	70101142005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2-Chlorotoluene	ug/L	<1.0	50	43.9	88	74-101	
2-Hexanone	ug/L	<5.0	50	35.4	71	32-183	
4-Chlorotoluene	ug/L	<1.0	50	45.2	90	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	39.5	79	69-132	
Acetone	ug/L	<5.0	50	39.3	79	23-188	IC
Benzene	ug/L	<1.0	50	40.6	81	73-119	
Bromobenzene	ug/L	<1.0	50	39.2	78	72-102	
Bromochloromethane	ug/L	<1.0	50	43.5	87	81-116	
Bromodichloromethane	ug/L	<1.0	50	41.9	84	78-117	
Bromoform	ug/L	<1.0	50	31.5	63	65-122	CL,M1
Bromomethane	ug/L	<1.0	50	22.8	46	52-147	CL,M1
Carbon disulfide	ug/L	<1.0	50	36.4	73	41-144	
Carbon tetrachloride	ug/L	<1.0	50	44.0	88	59-120	
Chlorobenzene	ug/L	<1.0	50	38.5	77	75-113	
Chlorodifluoromethane	ug/L	<1.0	50	29.3	59	43-140	N3
Chloroethane	ug/L	<1.0	50	40.7	81	49-151	
Chloroform	ug/L	<1.0	50	48.8	98	72-122	
Chloromethane	ug/L	<1.0	50	25.8	52	46-144	
cis-1,2-Dichloroethene	ug/L	<1.0	50	43.5	87	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	38.6	77	78-116	M1
Dibromochloromethane	ug/L	<1.0	50	35.8	72	70-120	
Dibromomethane	ug/L	<1.0	50	38.4	77	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	14.0	28	22-154	CL
Ethanol	ug/L	<250	1250	953	76	10-151	CH
Ethylbenzene	ug/L	<1.0	50	39.6	79	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	31.5	63	59-121	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	43.2	86	67-115	
m&p-Xylene	ug/L	<2.0	100	77.1	77	72-115	
Methyl-tert-butyl ether	ug/L	<1.0	50	43.3	87	72-131	
Methylene Chloride	ug/L	<1.0	50	42.6	85	61-142	
n-Butylbenzene	ug/L	<1.0	50	44.9	90	73-107	
n-Propylbenzene	ug/L	<1.0	50	45.2	90	68-116	
Naphthalene	ug/L	<1.0	50	37.1	74	70-118	
o-Xylene	ug/L	<1.0	50	38.7	77	73-117	
p-Isopropyltoluene	ug/L	<1.0	50	41.4	83	73-101	
sec-Butylbenzene	ug/L	<1.0	50	43.4	87	72-103	
Styrene	ug/L	<1.0	50	38.8	78	72-118	
tert-Butylbenzene	ug/L	<1.0	50	42.6	85	68-100	
Tetrachloroethene	ug/L	111	50	151	79	60-128	
Toluene	ug/L	<1.0	50	41.6	83	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	43.3	87	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	36.3	73	79-116	M1
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	42.5	85	71-121	
Trichloroethene	ug/L	2.2	50	42.4	80	69-117	
Trichlorofluoromethane	ug/L	<1.0	50	40.2	80	27-173	
Vinyl chloride	ug/L	<1.0	50	33.6	67	43-143	
Xylene (Total)	ug/L	<3.0	150	116	77	71-109	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

MATRIX SPIKE SAMPLE: 601048

Parameter	Units	70101142005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%				107	68-153	
4-Bromofluorobenzene (S)	%				96	79-124	
Toluene-d8 (S)	%				97	69-124	

SAMPLE DUPLICATE: 601047

Parameter	Units	70101142002 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4,5-tetramethylbenzene	ug/L	<1.0	3.0		N3
1,2,4-Trichlorobenzene	ug/L	<1.0	<1.0		
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichlorobenzene	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Dichlorobenzene	ug/L	<1.0	<1.0		
1,4-Diethylbenzene	ug/L	<1.0	1.6		N3
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		IC
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		CL
Bromomethane	ug/L	<1.0	<1.0		CL
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chlorodifluoromethane	ug/L	<1.0	<1.0		N3

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REPORT OF LABORATORY ANALYSIS

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Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

SAMPLE DUPLICATE: 601047

Parameter	Units	70101142002 Result	Dup Result	RPD	Qualifiers
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	8.4	8.8	4	
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	<1.0	<1.0		
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		CL
Ethanol	ug/L	<250	<250		
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		
m&p-Xylene	ug/L	<2.0	<2.0		
Methyl-tert-butyl ether	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	1.2		
n-Propylbenzene	ug/L	<1.0	2.5		
Naphthalene	ug/L	<1.0	<1.0		
o-Xylene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	2.0	1.9	7	
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Trichlorofluoromethane	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	109	109		
4-Bromofluorobenzene (S)	%	96	95		
Toluene-d8 (S)	%	97	97		

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

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.

LABORATORIES

PACE-MV	Pace Analytical Services - Melville

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1199 SUTTER AVE/ 01.991373.00
Pace Project No.: 70101142

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70101142001	**MW-1S**	EPA 8260C/5030C	125945		
70101142002	**MW-2S**	EPA 8260C/5030C	125945		
70101142003	**MW-5S**	EPA 8260C/5030C	125945		
70101142004	**MW-8S**	EPA 8260C/5030C	125945		
70101142005	**MW-10S**	EPA 8260C/5030C	125945		
70101142006	**MW-11S**	EPA 8260C/5030C	125945		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Lab ... MTJL Log-in ...

WO#:70101142

ALL SHADED AREAS

Company: EnviroTrac Ltd.	Billing Information: NYinvoices@envirotrac.com
Address: 5 Old Dock Rd, Yaphank, NY 11980	
Report To: Tracy Wall	Email To: tracyw@envirotrac.com
Copy To:	Site Collection Info/Address: 1199 Sutter Avenue
Customer Project Name/Number: 1199 Sutter Avenue / 01.991373.00	State: NY / County/City: Kings / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 631-924-3001 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Joseph Osifchok	Purchase Order #: Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [X] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

JDS

Analyses

VOCs 8260C

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	
MW-1S	GW	G	8/13/19	1230	8/13/19	1231		3	X
MW-2S				1105		1106			
MW-5S				100		101			
MW-8S				200		201			
MW-10S				300		301			
MW-11S				1200		1201			
Drum water	GW	G	8/13						

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: NONE

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: IR041
Cooler 1 Temp Upon Receipt: 23.4 oC
Cooler 1 Therm Corr. Factor: .2 oC
Cooler 1 Corrected Temp: 23.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

PACE 8/13/19 17:00

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

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

February 11, 2020

Tracy Wall
Envirotrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

RE: Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Dear Tracy Wall:
Enclosed are the analytical results for sample(s) received by the laboratory on November 27, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

REVISION 1: Report re-issued on 2/6/20 to add case narrative

REVISION 2: Report re-issued on 2/11/20 to add Acetone and Trichloroethene

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

Sincerely,

Devon J. Fox
devon.fox@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mr. Ed Russo, Envirotrac

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Pace Analytical Services Long Island
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

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

SAMPLE ANALYTE COUNT

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70113546001	**MW-1S**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546002	**MW-2S**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546003	**MW-5S**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546004	**MW-8S**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546005	**MW-10S**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546006	**MW-11S**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546007	**BD**	EPA 8260C/5030C	BBL	29	PACE-MV
70113546008	**TRIP BLANK**	EPA 8260C/5030C	BBL	29	PACE-MV

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

PROJECT NARRATIVE

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Method: **EPA 8260C/5030C**
Description: 8260C Volatile Organics
Client: EnviroTrac Ltd.
Date: February 11, 2020

General Information:
8 samples were analyzed for EPA 8260C/5030C. 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: 140983

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

- BD (Lab ID: 70113546007)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- BLANK (Lab ID: 675507)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- LCS (Lab ID: 675508)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MS (Lab ID: 675672)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MSD (Lab ID: 675673)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MW-10S (Lab ID: 70113546005)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MW-11S (Lab ID: 70113546006)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MW-1S (Lab ID: 70113546001)
  - Chloroethane

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

PROJECT NARRATIVE

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Method: **EPA 8260C/5030C**
Description: 8260C Volatile Organics
Client: EnviroTrac Ltd.
Date: February 11, 2020

QC Batch: 140983

CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
- Trichlorofluoromethane
- Vinyl chloride

- MW-2S (Lab ID: 70113546002)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MW-5S (Lab ID: 70113546003)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MW-8S (Lab ID: 70113546004)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride
- TRIP BLANK (Lab ID: 70113546008)
  - Chloroethane
  - Trichlorofluoromethane
  - Vinyl chloride

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: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Sample: MW-1S **Lab ID: 70113546001** Collected: 11/22/19 11:35 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		12/04/19 20:57	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 20:57	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-00-3	CL
Chloroform	**1.5**	ug/L	1.0	1		12/04/19 20:57	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-09-2	
Tetrachloroethene	**18.4**	ug/L	1.0	1		12/04/19 20:57	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-69-4	CL
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 20:57	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 20:57	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	68-153	1		12/04/19 20:57	17060-07-0	
4-Bromofluorobenzene (S)	105	%	79-124	1		12/04/19 20:57	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		12/04/19 20:57	2037-26-5	

Sample: MW-2S **Lab ID: 70113546002** Collected: 11/22/19 09:50 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		12/04/19 21:16	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	74-97-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Sample: MW-2S **Lab ID: 70113546002** Collected: 11/22/19 09:50 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 21:16	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-00-3	CL
Chloroform	**2.8**	ug/L	1.0	1		12/04/19 21:16	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-09-2	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-69-4	CL
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 21:16	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 21:16	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	68-153	1		12/04/19 21:16	17060-07-0	
4-Bromofluorobenzene (S)	103	%	79-124	1		12/04/19 21:16	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		12/04/19 21:16	2037-26-5	

Sample: MW-5S **Lab ID: 70113546003** Collected: 11/22/19 13:25 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		12/04/19 21:35	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 21:35	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-00-3	CL
Chloroform	**4.3**	ug/L	1.0	1		12/04/19 21:35	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-09-2	
Tetrachloroethene	**17.3**	ug/L	1.0	1		12/04/19 21:35	127-18-4	
Trichloroethene	**1.2**	ug/L	1.0	1		12/04/19 21:35	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-69-4	CL

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Sample: MW-5S **Lab ID: 70113546003** Collected: 11/22/19 13:25 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 21:35	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:35	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 21:35	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:35	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 21:35	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 21:35	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	110	%	68-153	1		12/04/19 21:35	17060-07-0	
4-Bromofluorobenzene (S)	103	%	79-124	1		12/04/19 21:35	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		12/04/19 21:35	2037-26-5	

Sample: MW-8S **Lab ID: 70113546004** Collected: 11/22/19 13:55 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		12/04/19 20:38	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 20:38	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-00-3	CL
Chloroform	**<1.0**	ug/L	1.0	1		12/04/19 20:38	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-09-2	
Tetrachloroethene	**6.4**	ug/L	1.0	1		12/04/19 20:38	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-69-4	CL
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 20:38	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 20:38	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%	68-153	1		12/04/19 20:38	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		12/04/19 20:38	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		12/04/19 20:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Sample: MW-10S **Lab ID: 70113546005** Collected: 11/22/19 08:00 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	78-87-5	
Acetone	**6.7**	ug/L	5.0	1		12/04/19 21:54	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 21:54	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-00-3	CL
Chloroform	**<1.0**	ug/L	1.0	1		12/04/19 21:54	67-66-3	
Chloromethane	**1.4**	ug/L	1.0	1		12/04/19 21:54	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-09-2	
Tetrachloroethene	**112**	ug/L	1.0	1		12/04/19 21:54	127-18-4	
Trichloroethene	**2.0**	ug/L	1.0	1		12/04/19 21:54	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-69-4	CL
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 21:54	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:54	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 21:54	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 21:54	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 21:54	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 21:54	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	68-153	1		12/04/19 21:54	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		12/04/19 21:54	460-00-4	
Toluene-d8 (S)	100	%	69-124	1		12/04/19 21:54	2037-26-5	

Sample: MW-11S **Lab ID: 70113546006** Collected: 11/22/19 10:45 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		12/04/19 22:13	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	74-97-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Sample: MW-11S **Lab ID: 70113546006** Collected: 11/22/19 10:45 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 22:13	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-00-3	CL
Chloroform	**9.8**	ug/L	1.0	1		12/04/19 22:13	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-09-2	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-69-4	CL
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 22:13	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 22:13	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	111	%	68-153	1		12/04/19 22:13	17060-07-0	
4-Bromofluorobenzene (S)	102	%	79-124	1		12/04/19 22:13	460-00-4	
Toluene-d8 (S)	100	%	69-124	1		12/04/19 22:13	2037-26-5	

Sample: BD **Lab ID: 70113546007** Collected: 11/22/19 12:00 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		12/04/19 22:33	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 22:33	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-00-3	CL
Chloroform	**9.5**	ug/L	1.0	1		12/04/19 22:33	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-09-2	
Tetrachloroethene	**1.5**	ug/L	1.0	1		12/04/19 22:33	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-69-4	CL

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Sample: BD **Lab ID: 70113546007** Collected: 11/22/19 12:00 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 22:33	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 22:33	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%	68-153	1		12/04/19 22:33	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		12/04/19 22:33	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		12/04/19 22:33	2037-26-5	

Sample: TRIP BLANK **Lab ID: 70113546008** Collected: 11/22/19 00:00 Received: 11/27/19 15:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	96-12-8	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	78-87-5	
Acetone	**8.2**	ug/L	5.0	1		12/04/19 20:18	67-64-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/04/19 20:18	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-00-3	CL
Chloroform	**<1.0**	ug/L	1.0	1		12/04/19 20:18	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-09-2	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-69-4	CL
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/04/19 20:18	75-01-4	CL
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	10061-01-5	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	10061-02-6	
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		12/04/19 20:18	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	68-153	1		12/04/19 20:18	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/04/19 20:18	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		12/04/19 20:18	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: SUTTER AVENUE 11/22
Pace Project No.: 70113546

QC Batch: 140983 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 70113546001, 70113546002, 70113546003, 70113546004, 70113546005, 70113546006, 70113546007, 70113546008

METHOD BLANK: 675507 Matrix: Water
Associated Lab Samples: 70113546001, 70113546002, 70113546003, 70113546004, 70113546005, 70113546006, 70113546007, 70113546008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<1.0	1.0	12/04/19 17:38	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	12/04/19 17:38	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	12/04/19 17:38	
1,1-Dichloroethane	ug/L	<1.0	1.0	12/04/19 17:38	
1,1-Dichloroethene	ug/L	<1.0	1.0	12/04/19 17:38	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	12/04/19 17:38	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	12/04/19 17:38	
1,2-Dichloropropane	ug/L	<1.0	1.0	12/04/19 17:38	
Acetone	ug/L	<5.0	5.0	12/04/19 17:38	
Bromochloromethane	ug/L	<1.0	1.0	12/04/19 17:38	
Bromodichloromethane	ug/L	<1.0	1.0	12/04/19 17:38	
Carbon tetrachloride	ug/L	<1.0	1.0	12/04/19 17:38	
Chloroethane	ug/L	<1.0	1.0	12/04/19 17:38	CL
Chloroform	ug/L	<1.0	1.0	12/04/19 17:38	
Chloromethane	ug/L	<1.0	1.0	12/04/19 17:38	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	12/04/19 17:38	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	12/04/19 17:38	
Dibromochloromethane	ug/L	<1.0	1.0	12/04/19 17:38	
Methylene Chloride	ug/L	<1.0	1.0	12/04/19 17:38	
Tetrachloroethene	ug/L	<1.0	1.0	12/04/19 17:38	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	12/04/19 17:38	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	12/04/19 17:38	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	12/04/19 17:38	
Trichloroethene	ug/L	<1.0	1.0	12/04/19 17:38	
Trichlorofluoromethane	ug/L	<1.0	1.0	12/04/19 17:38	CL
Vinyl chloride	ug/L	<1.0	1.0	12/04/19 17:38	CL
1,2-Dichloroethane-d4 (S)	%	109	68-153	12/04/19 17:38	
4-Bromofluorobenzene (S)	%	99	79-124	12/04/19 17:38	
Toluene-d8 (S)	%	101	69-124	12/04/19 17:38	

LABORATORY CONTROL SAMPLE: 675508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.0	102	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	53.5	107	74-121	
1,1,2-Trichloroethane	ug/L	50	52.0	104	80-117	
1,1-Dichloroethane	ug/L	50	49.8	100	83-151	
1,1-Dichloroethene	ug/L	50	43.0	86	45-146	

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: SUTTER AVENUE 11/22
Pace Project No.: 70113546

LABORATORY CONTROL SAMPLE: 675508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	51.4	103	71-123	
1,2-Dibromo-3-chloropropane	ug/L	50	42.2	84	74-119	
1,2-Dichloropropane	ug/L	50	53.9	108	75-117	
Acetone	ug/L	50	87.4	175	23-188	
Bromochloromethane	ug/L	50	43.2	86	81-116	
Bromodichloromethane	ug/L	50	52.8	106	78-117	
Carbon tetrachloride	ug/L	50	49.3	99	59-120	
Chloroethane	ug/L	50	38.2	76	49-151	CL
Chloroform	ug/L	50	49.2	98	72-122	
Chloromethane	ug/L	50	48.7	97	46-144	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	72-121	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	78-116	
Dibromochloromethane	ug/L	50	44.9	90	70-120	
Methylene Chloride	ug/L	50	42.1	84	61-142	
Tetrachloroethene	ug/L	50	44.5	89	60-128	
trans-1,2-Dichloroethene	ug/L	50	45.3	91	56-142	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	79-116	
trans-1,4-Dichloro-2-butene	ug/L	50	50.8	102	71-121	
Trichloroethene	ug/L	50	51.0	102	69-117	
Trichlorofluoromethane	ug/L	50	44.4	89	27-173	CL
Vinyl chloride	ug/L	50	45.8	92	43-143	CL
1,2-Dichloroethane-d4 (S)	%			116	68-153	
4-Bromofluorobenzene (S)	%			108	79-124	
Toluene-d8 (S)	%			100	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 675672 675673

Parameter	Units	70113546004 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	46.7	49.7	93	99	65-118	6	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	57.1	57.5	114	115	74-121	1	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	52.6	53.7	105	107	80-117	2	
1,1-Dichloroethane	ug/L	<1.0	50	50	47.1	49.8	94	100	83-151	5	
1,1-Dichloroethene	ug/L	<1.0	50	50	41.8	44.7	84	89	45-146	7	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	53.4	53.4	107	107	71-123	0	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	42.1	45.3	84	91	74-119	7	
1,2-Dichloropropane	ug/L	<1.0	50	50	52.5	54.3	105	109	75-117	3	
Acetone	ug/L	<5.0	50	50	51.3	54.9	103	110	23-188	7	
Bromochloromethane	ug/L	<1.0	50	50	41.1	44.5	82	89	81-116	8	
Bromodichloromethane	ug/L	<1.0	50	50	48.4	51.4	97	103	78-117	6	
Carbon tetrachloride	ug/L	<1.0	50	50	43.3	45.1	87	90	59-120	4	
Chloroethane	ug/L	<1.0	50	50	37.1	40.6	74	81	49-151	9	CL
Chloroform	ug/L	<1.0	50	50	47.5	50.2	95	100	72-122	6	
Chloromethane	ug/L	<1.0	50	50	42.9	48.0	86	96	46-144	11	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	44.0	47.5	88	95	72-121	8	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 675672 675673

Parameter	Units	70113546004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	48.3	50.8	97	102	78-116	5	
Dibromochloromethane	ug/L	<1.0	50	50	40.1	43.3	80	87	70-120	8	
Methylene Chloride	ug/L	<1.0	50	50	37.7	43.4	75	87	61-142	14	
Tetrachloroethene	ug/L	6.4	50	50	47.0	49.8	81	87	60-128	6	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	42.4	46.2	85	92	56-142	9	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	49.3	52.0	99	104	79-116	5	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	50	46.8	48.8	94	98	71-121	4	
Trichloroethene	ug/L	<1.0	50	50	47.8	49.8	96	100	69-117	4	
Trichlorofluoromethane	ug/L	<1.0	50	50	41.8	44.4	84	89	27-173	6	CL
Vinyl chloride	ug/L	<1.0	50	50	41.4	43.3	83	87	43-143	5	CL
1,2-Dichloroethane-d4 (S)	%						121	121	68-153		
4-Bromofluorobenzene (S)	%						106	108	79-124		
Toluene-d8 (S)	%						100	100	69-124		

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: SUTTER AVENUE 11/22
Pace Project No.: 70113546

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.

LABORATORIES

PACE-MV	Pace Analytical Services - Melville

ANALYTE QUALIFIERS

CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUTTER AVENUE 11/22
Pace Project No.: 70113546

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70113546001	**MW-1S**	EPA 8260C/5030C	140983		
70113546002	**MW-2S**	EPA 8260C/5030C	140983		
70113546003	**MW-5S**	EPA 8260C/5030C	140983		
70113546004	**MW-8S**	EPA 8260C/5030C	140983		
70113546005	**MW-10S**	EPA 8260C/5030C	140983		
70113546006	**MW-11S**	EPA 8260C/5030C	140983		
70113546007	**BD**	EPA 8260C/5030C	140983		
70113546008	**TRIP BLANK**	EPA 8260C/5030C	140983		

WO#:70113546

70113546

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information:

Company:	EnviroTrac Ltd.
Address:	5 Old Dock Road, Yaphank, NY 11980
Email To:	tracyw@envirotrac.com
Phone:	631-924-3001
Fax:	631-924-5001
Requested Due Date/TAT:	5 days

Section B Required Project Information:

Report To:	Tracy Wall
Copy To:	
Purchase Order No.:	
Project Name:	Sutter Avenue
Project Number:	01.991373.00, Task 08.0000

Section C Invoice Information:

Attention:	Tracy Wall
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NY

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs 8260, chlorinated list only	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1S	WT	G	11/22		11/22	1135		3				3						X		001
2	MW-2S					11/22	0950														002
3	MW-5S					11/22	1325														003
4	MW-8S					11/22	1355														004
5	MW-10S					11/22	0800														005
6	MW-11S					11/22	1045														006
7	MS					11/22	1430														~~007~~ 004
8	MSD					11/22	1500														~~008~~ 004
9	BD					11/22	1200														007
10	Trip Blank					11/22	—														008
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Matthew Mirvak / EnvX	11/22/19	1700	Envirotrac Fridge	11/22/19	1700				
	[signature]	11/27/19	11:20	[signature]	11/27/19	1532				
				[signature] / PACE	11/27/19	15:32	5.1	W	N	Y

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ~~Joseph Osifchok~~ Matthew Mirvak

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 11/22/19

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical

Sample Condition Upon Receipt

WO#:70113546

PM: DJF Due Date: 12/10/19

CLIENT: ENVIROTRAC

Client Name: Enviro trac

Pr

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

Tracking #:

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

Temperature Blank Present: ☐ Yes ☐ No

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

Type of Ice: (Wet) Blue None

Thermometer Used: TH091 Correction Factor: +0.2

☑ Samples on ice, cooling process has begun

Cooler Temperature (°C): 5.1 Cooler Temperature Corrected (°C): 5.3 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: JAE 11/27/19 1532

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 originate from a foreign source (internationally, 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 MS/MSD)	☑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.
-Includes date/time/ID/Analysis 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 #				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☐Yes	☐No	☑N/A	Sample #
				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 #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
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.

F-II C 002 rev.02

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

February 28, 2020

Tracy Wall
Envirotrac Ltd.
5 Old Dock Rd.
Yaphank, NY 11980

RE: Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Dear Tracy Wall:
Enclosed are the analytical results for sample(s) received by the laboratory on February 19, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Devon J. Fox
devon.fox@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mr. Ed Russo, Envirotrac

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

CERTIFICATIONS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Pace Analytical Services Long Island
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

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

SAMPLE ANALYTE COUNT

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70122380001	**MW-1S**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380002	**MW-2S**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380003	**MW-5S**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380004	**MW-8S**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380005	**MW-10S**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380006	**MW-11S**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380007	**BD**	EPA 8260C/5030C	GKB	29	PACE-MV
70122380008	**TRIP BLANK**	EPA 8260C/5030C	GKB	29	PACE-MV

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Sample: MW-1S **Lab ID: 70122380001** Collected: 02/14/20 11:30 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 18:24	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 18:24	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-00-3	
Chloroform	**5.3**	ug/L	1.0	1		02/22/20 18:24	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-09-2	
Tetrachloroethene	**11.6**	ug/L	1.0	1		02/22/20 18:24	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-69-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 18:24	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 18:24	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	84	%	68-153	1		02/22/20 18:24	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		02/22/20 18:24	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		02/22/20 18:24	2037-26-5	

Sample: MW-2S **Lab ID: 70122380002** Collected: 02/14/20 12:00 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 18:47	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	74-97-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Sample: MW-2S **Lab ID: 70122380002** Collected: 02/14/20 12:00 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 18:47	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-00-3	
Chloroform	**7.7**	ug/L	1.0	1		02/22/20 18:47	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-09-2	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-69-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 18:47	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 18:47	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	84	%	68-153	1		02/22/20 18:47	17060-07-0	
4-Bromofluorobenzene (S)	91	%	79-124	1		02/22/20 18:47	460-00-4	
Toluene-d8 (S)	92	%	69-124	1		02/22/20 18:47	2037-26-5	

Sample: MW-5S **Lab ID: 70122380003** Collected: 02/14/20 12:50 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 19:10	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 19:10	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-00-3	
Chloroform	**8.0**	ug/L	1.0	1		02/22/20 19:10	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-09-2	
Tetrachloroethene	**12.3**	ug/L	1.0	1		02/22/20 19:10	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Sample: MW-5S **Lab ID: 70122380003** Collected: 02/14/20 12:50 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 19:10	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 19:10	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	86	%	68-153	1		02/22/20 19:10	17060-07-0	
4-Bromofluorobenzene (S)	92	%	79-124	1		02/22/20 19:10	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		02/22/20 19:10	2037-26-5	

Sample: MW-8S **Lab ID: 70122380004** Collected: 02/14/20 14:15 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 19:33	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 19:33	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-00-3	
Chloroform	**1.0**	ug/L	1.0	1		02/22/20 19:33	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-09-2	
Tetrachloroethene	**6.8**	ug/L	1.0	1		02/22/20 19:33	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-69-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 19:33	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 19:33	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	84	%	68-153	1		02/22/20 19:33	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		02/22/20 19:33	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		02/22/20 19:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Sample: MW-10S **Lab ID: 70122380005** Collected: 02/14/20 08:30 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 19:56	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 19:56	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		02/22/20 19:56	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-09-2	
Tetrachloroethene	**78.8**	ug/L	1.0	1		02/22/20 19:56	127-18-4	
Trichloroethene	**1.1**	ug/L	1.0	1		02/22/20 19:56	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-69-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 19:56	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:56	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 19:56	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 19:56	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 19:56	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 19:56	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	86	%	68-153	1		02/22/20 19:56	17060-07-0	
4-Bromofluorobenzene (S)	91	%	79-124	1		02/22/20 19:56	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		02/22/20 19:56	2037-26-5	

Sample: MW-11S **Lab ID: 70122380006** Collected: 02/14/20 10:45 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	96-12-8	L2,M0
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 20:19	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	74-97-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Sample: MW-11S **Lab ID: 70122380006** Collected: 02/14/20 10:45 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 20:19	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-00-3	
Chloroform	**1.0**	ug/L	1.0	1		02/22/20 20:19	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-09-2	
Tetrachloroethene	**7.0**	ug/L	1.0	1		02/22/20 20:19	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-69-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 20:19	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	10061-01-5	L2,M0
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	10061-02-6	L2,M0
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 20:19	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	85	%	68-153	1		02/22/20 20:19	17060-07-0	
4-Bromofluorobenzene (S)	90	%	79-124	1		02/22/20 20:19	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		02/22/20 20:19	2037-26-5	

Sample: BD **Lab ID: 70122380007** Collected: 02/14/20 10:50 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	78-87-5	
Acetone	**<5.0**	ug/L	5.0	1		02/22/20 20:42	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 20:42	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-00-3	
Chloroform	**12.4**	ug/L	1.0	1		02/22/20 20:42	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-09-2	
Tetrachloroethene	**1.2**	ug/L	1.0	1		02/22/20 20:42	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Sample: BD **Lab ID: 70122380007** Collected: 02/14/20 10:50 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 20:42	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 20:42	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	87	%	68-153	1		02/22/20 20:42	17060-07-0	
4-Bromofluorobenzene (S)	92	%	79-124	1		02/22/20 20:42	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		02/22/20 20:42	2037-26-5	

Sample: TRIP BLANK **Lab ID: 70122380008** Collected: 02/14/20 00:00 Received: 02/19/20 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-34-3	L2
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-35-4	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	96-18-4	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	96-12-8	L2
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	78-87-5	
Acetone	**11.4**	ug/L	5.0	1		02/22/20 13:49	67-64-1	IC
Bromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-27-4	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		02/22/20 13:49	56-23-5	
Chloroethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		02/22/20 13:49	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	124-48-1	
Methylene Chloride	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-09-2	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	127-18-4	
Trichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-69-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		02/22/20 13:49	75-01-4	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	10061-01-5	L2
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	10061-02-6	L2
trans-1,4-Dichloro-2-butene	**<1.0**	ug/L	1.0	1		02/22/20 13:49	110-57-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	87	%	68-153	1		02/22/20 13:49	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		02/22/20 13:49	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		02/22/20 13:49	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: SUTTER AVENUE 2/14
Pace Project No.: 70122380

QC Batch: 150649 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 70122380001, 70122380002, 70122380003, 70122380004, 70122380005, 70122380006, 70122380007, 70122380008

METHOD BLANK: 723017 Matrix: Water
Associated Lab Samples: 70122380001, 70122380002, 70122380003, 70122380004, 70122380005, 70122380006, 70122380007, 70122380008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<1.0	1.0	02/22/20 12:35	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	02/22/20 12:35	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	02/22/20 12:35	
1,1-Dichloroethane	ug/L	<1.0	1.0	02/22/20 12:35	
1,1-Dichloroethene	ug/L	<1.0	1.0	02/22/20 12:35	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	02/22/20 12:35	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	02/22/20 12:35	
1,2-Dichloropropane	ug/L	<1.0	1.0	02/22/20 12:35	
Acetone	ug/L	<5.0	5.0	02/22/20 12:35	IC
Bromochloromethane	ug/L	<1.0	1.0	02/22/20 12:35	
Bromodichloromethane	ug/L	<1.0	1.0	02/22/20 12:35	
Carbon tetrachloride	ug/L	<1.0	1.0	02/22/20 12:35	
Chloroethane	ug/L	<1.0	1.0	02/22/20 12:35	
Chloroform	ug/L	<1.0	1.0	02/22/20 12:35	
Chloromethane	ug/L	<1.0	1.0	02/22/20 12:35	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	02/22/20 12:35	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	02/22/20 12:35	
Dibromochloromethane	ug/L	<1.0	1.0	02/22/20 12:35	
Methylene Chloride	ug/L	<1.0	1.0	02/22/20 12:35	
Tetrachloroethene	ug/L	<1.0	1.0	02/22/20 12:35	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	02/22/20 12:35	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	02/22/20 12:35	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	02/22/20 12:35	
Trichloroethene	ug/L	<1.0	1.0	02/22/20 12:35	
Trichlorofluoromethane	ug/L	<1.0	1.0	02/22/20 12:35	
Vinyl chloride	ug/L	<1.0	1.0	02/22/20 12:35	
1,2-Dichloroethane-d4 (S)	%	87	68-153	02/22/20 12:35	
4-Bromofluorobenzene (S)	%	93	79-124	02/22/20 12:35	
Toluene-d8 (S)	%	98	69-124	02/22/20 12:35	

LABORATORY CONTROL SAMPLE: 723018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	34.9	70	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	41.4	83	74-121	
1,1,2-Trichloroethane	ug/L	50	41.2	82	80-117	
1,1-Dichloroethane	ug/L	50	40.0	80	83-151	L2
1,1-Dichloroethene	ug/L	50	40.4	81	45-146	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

LABORATORY CONTROL SAMPLE: 723018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	37.1	74	71-123	
1,2-Dibromo-3-chloropropane	ug/L	50	35.1	70	74-119	L2
1,2-Dichloropropane	ug/L	50	43.3	87	75-117	
Acetone	ug/L	50	41.9	84	23-188	IC
Bromochloromethane	ug/L	50	46.4	93	81-116	
Bromodichloromethane	ug/L	50	39.7	79	78-117	
Carbon tetrachloride	ug/L	50	34.1	68	59-120	
Chloroethane	ug/L	50	40.8	82	49-151	
Chloroform	ug/L	50	43.9	88	72-122	
Chloromethane	ug/L	50	43.8	88	46-144	
cis-1,2-Dichloroethene	ug/L	50	42.9	86	72-121	
cis-1,3-Dichloropropene	ug/L	50	38.4	77	78-116	L2
Dibromochloromethane	ug/L	50	39.0	78	70-120	
Methylene Chloride	ug/L	50	40.4	81	61-142	
Tetrachloroethene	ug/L	50	38.4	77	60-128	
trans-1,2-Dichloroethene	ug/L	50	39.2	78	56-142	
trans-1,3-Dichloropropene	ug/L	50	34.8	70	79-116	L2
trans-1,4-Dichloro-2-butene	ug/L	50	43.0	86	71-121	
Trichloroethene	ug/L	50	38.0	76	69-117	
Trichlorofluoromethane	ug/L	50	36.6	73	27-173	
Vinyl chloride	ug/L	50	41.3	83	43-143	
1,2-Dichloroethane-d4 (S)	%			88	68-153	
4-Bromofluorobenzene (S)	%			92	79-124	
Toluene-d8 (S)	%			97	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 723019 723020

Parameter	Units	70122380006 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	38.5	43.1	77	86	65-118	11	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	42.7	45.0	85	90	74-121	5	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	43.1	44.6	86	89	80-117	4	
1,1-Dichloroethane	ug/L	<1.0	50	50	45.8	46.9	92	94	83-151	2	
1,1-Dichloroethene	ug/L	<1.0	50	50	46.1	47.3	92	95	45-146	3	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	38.7	39.8	77	80	71-123	3	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	34.3	37.7	69	75	74-119	9	M0
1,2-Dichloropropane	ug/L	<1.0	50	50	44.1	46.2	88	92	75-117	5	
Acetone	ug/L	<5.0	50	50	46.1	45.6	92	91	23-188	1	IC
Bromochloromethane	ug/L	<1.0	50	50	47.5	47.6	95	95	81-116	0	
Bromodichloromethane	ug/L	<1.0	50	50	40.2	41.8	80	84	78-117	4	
Carbon tetrachloride	ug/L	<1.0	50	50	43.3	48.8	87	98	59-120	12	
Chloroethane	ug/L	<1.0	50	50	48.3	47.0	97	94	49-151	3	
Chloroform	ug/L	1.0	50	50	47.8	50.0	94	98	72-122	4	
Chloromethane	ug/L	<1.0	50	50	46.8	49.4	94	99	46-144	5	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	46.7	47.6	93	95	72-121	2	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 723019 723020

Parameter	Units	70122380006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	36.9	39.1	74	78	78-116	6	M0
Dibromochloromethane	ug/L	<1.0	50	50	39.8	40.6	80	81	70-120	2	
Methylene Chloride	ug/L	<1.0	50	50	45.3	46.3	91	93	61-142	2	
Tetrachloroethene	ug/L	7.0	50	50	50.6	50.7	87	87	60-128	0	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	47.0	47.6	94	95	56-142	1	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	33.0	35.1	66	70	79-116	6	M0
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	50	41.6	44.0	83	88	71-121	6	
Trichloroethene	ug/L	<1.0	50	50	41.9	43.7	84	87	69-117	4	
Trichlorofluoromethane	ug/L	<1.0	50	50	44.6	47.2	89	94	27-173	6	
Vinyl chloride	ug/L	<1.0	50	50	48.3	49.2	97	98	43-143	2	
1,2-Dichloroethane-d4 (S)	%						86	84	68-153		
4-Bromofluorobenzene (S)	%						92	91	79-124		
Toluene-d8 (S)	%						97	95	69-124		

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: SUTTER AVENUE 2/14
Pace Project No.: 70122380

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.

LABORATORIES

PACE-MV	Pace Analytical Services - Melville

ANALYTE QUALIFIERS

IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUTTER AVENUE 2/14
Pace Project No.: 70122380

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70122380001	**MW-1S**	EPA 8260C/5030C	150649		
70122380002	**MW-2S**	EPA 8260C/5030C	150649		
70122380003	**MW-5S**	EPA 8260C/5030C	150649		
70122380004	**MW-8S**	EPA 8260C/5030C	150649		
70122380005	**MW-10S**	EPA 8260C/5030C	150649		
70122380006	**MW-11S**	EPA 8260C/5030C	150649		
70122380007	**BD**	EPA 8260C/5030C	150649		
70122380008	**TRIP BLANK**	EPA 8260C/5030C	150649		

WO#:70122380

70122380

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: EnviroTrac Ltd.	Report To: Tracy Wall	Attention: Tracy Wall
Address: 5 Old Dock Road	Copy To:	Company Name:
Yaphank, NY 11980		Address:
Email To: tracyw@envirotrac.com	Purchase Order No.:	Pace Quote Reference:
Phone: 631-924-3001 Fax: 631-924-5001	Project Name: Sutter Avenue	Pace Project Manager:
Requested Due Date/TAT: 5 days	Project Number: 01.991373.00, Task 08.0000	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NY

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs 8260, chlorinated list only	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1S		WT	G	2/14/20					3				3					X		
2	MW-2S		WT	G	2/14/20	1200				3				3					X		
3	MW-5S		WT	G	2/14/2	1250				3				3					X		
4	MW-8S		WT	G	2/14/2	~~0830~~ 1215				3				3					X		
5	MW-10S		WT	G	2/14/20	830				3				3					X		
6	MW-11S		WT	G	2/14/2	1045				3				3					X		
7	MS		WT	G	2/14/20	220	220			3				3					X		
8	MSD		WT	G	2/14/20	225	~~225~~			3				3					X		
9	BD		WT	G	2/14/20	1050				3				3					X		
10	Trip Blank																				
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Request NYSDEC Category B	JOSifchok/ETNJ	2/18/20	927		2/19	1435	
Deliverables & EDD		2/19/20	1645	Pace CI	2/19	1645	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joseph Osifchok

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical

Sample Condition Upon Receipt

WO#: 70122380
PM: DJF Due Date: 02/28/20
CLIENT: ENVIROTRAC

Client Name: ENVIROTRAC Pr

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

Tracking #:

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

Temperature Blank Present: ☐ Yes ☑ No

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

Type of Ice: (Wet) Blue None

Thermometer Used: TH091 Correction Factor: +0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 3.3 Cooler Temperature Corrected (°C): 3.5

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: JLS 2/19/20

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 originate from a foreign source (internationally, 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 MS/MSD	☑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.
-Includes date/time/ID/Analysis 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 #				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☐Yes	☐No	☑N/A	Sample #
				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 #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
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.