

June 16, 2021

Mr. Kyle Forster
New York State Department of Environmental Conservation
Section B, Remedial Bureau B
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7016

Re: *Report of Groundwater Monitoring, Remediation System Effluent Monitoring, January to March 2021
136 Fuller Road BCP Site #C401055, Albany County, New York
Chazen Job 90618.00*

Dear Mr. Forster:

This 31th quarterly report since the Certificate of Completion was issued for the above-referenced Site provides: 1) the monitoring results for the first quarter groundwater sampling event in March 2021, and 2) effluent monitoring data for the total fluids extraction (TFE) remediation system for the months of January, February, and March 2021.

- Quarterly groundwater sampling for the first quarter of 2021 (March) was performed consistent with the current NYSDEC-approved Site Management Plan. Groundwater monitoring included quarterly wells MW-10, MW-25, MW-27, MW-30, MW-32, and MW-33. Additionally, monitoring well MW-18 (sampled annually) was sampled in March 2021 following repair and redevelopment after the fourth quarter 2020 monitoring event. A groundwater contour map, analytical results summary table, and analytical laboratory report are attached. The results show continued variability in total VOC concentrations. As requested, the spatial distribution of total CVOCs reported across the Site are shown on the attached Figure 2 with results from June (annual event), August, and December 2020, and March 2021. The plume continues to be captured and contained near the extraction wells in a small area beneath and adjacent to the north side of the building. For reference, historical figures are also included for the June (annual events) 2019 and 2018 and February 2012 to show reduction in total CVOCs in groundwater over time.
- During the January 2021 and late-February 2021 monitoring periods the TFE system was off periodically (approximately 3-4 weeks on and off during this timeframe), due to severe winds that caused power failures and extreme cold weather events causing system pipes to freeze. As such, representative sampling of the TFE system was not conducted in January 2021. By March, the TFE system was thawed and repaired and fully operational.
- The early February and March 2021 monitoring results for the TFE system continue to show that the system is operating effectively and as designed, removing VOCs from the subsurface in the impact source area. TFE system effluent data are summarized in attached Tables 1 and 2 and show that liquid and air effluent concentrations continue to be significantly less than the respective action levels. Charts showing vapor phase effluent concentrations, VOC mass removal rates, and total cumulative mass removed are also included. Approximately 1,189 pounds of VOCs have been removed by the TFE system between December 2011 and March 2021. The analytical laboratory reports for the TFE system samples are attached.

Mr. Kyle Forster, NYSDEC
June 16, 2021
Page 2 of 2

If you have any questions, please contact Kim Baines at (518) 588-2104 or Arlette St. Romain at (518) 824-1928.

Sincerely,

Kim L. Baines, LEP

Project Manager, Earth Environmental

Arlette St. Romain

Assistant Project Manager, Chazen

cc via Ms. Maureen Schuck, Mr. Leigh Peritz PE, Mr. Scott Mellen, President & CEO
email: NYSDOH wTe Corporation wTe Corporation

Attachments:

Figure 1 - Groundwater Contour Map

Figure 2 - Total CVOCs in Groundwater (June 2020) with August and December 2020, and March 2021

HISTORICAL CVOC DATA

Figure 3a – Total CVOCs in Groundwater(June 2019)

Figure 3b – Total CVOCs in Groundwater (June 2018)

Figure 3c – Total CVOCs in Groundwater (February 2012)

Groundwater Data Summary Tables

HVE/SVE Data Summary Tables:

Table 1 - HVE System Water Influent/Effluent Monitoring

Table 2 - SVE System Air Influent/Effluent Monitoring

Table 3 - HVE/SVE System Mass Removal Calculations

Chart showing vapor phase effluent

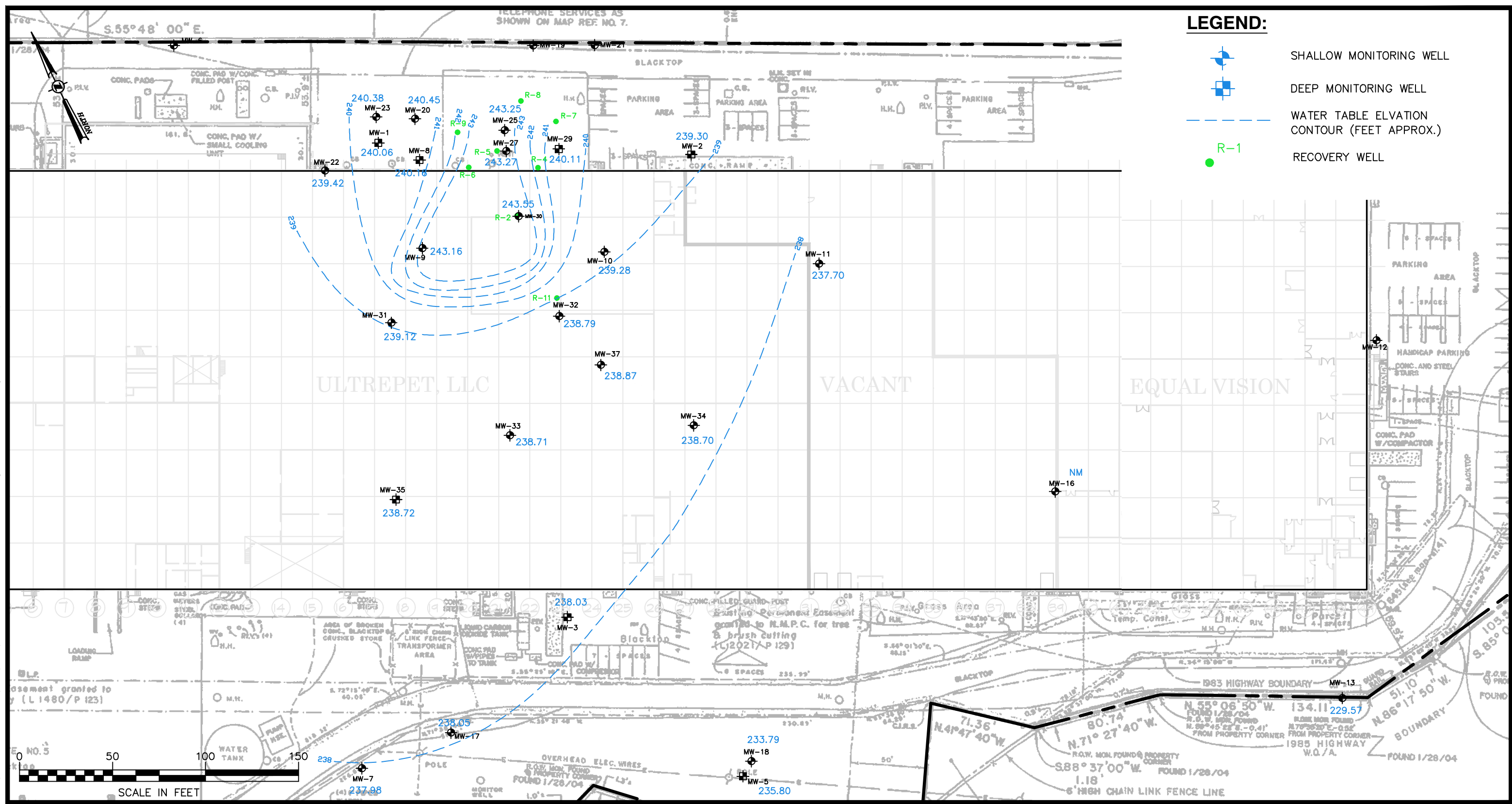
Charts showing VOC mass removal

Groundwater Monitoring: York Analytical Laboratory Report





HVE/SVE Monitoring: Alpha Analytical Laboratory Analytical Reports

CURRENT SITE FIGURES


Drawing Name: Z:\projects\90600-90699\90618_00 FullerRD\ENG\DWG\90618_00_GW CONTOURS 2021-Mar.dwg Date Printed: May 27, 2021, 2:35pm



LEGEND:

-  SHALLOW MONITORING WELL
-  DEEP MONITORING WELL
-  WATER TABLE ELEVATION CONTOUR (FEET APPROX.)
-  RECOVERY WELL

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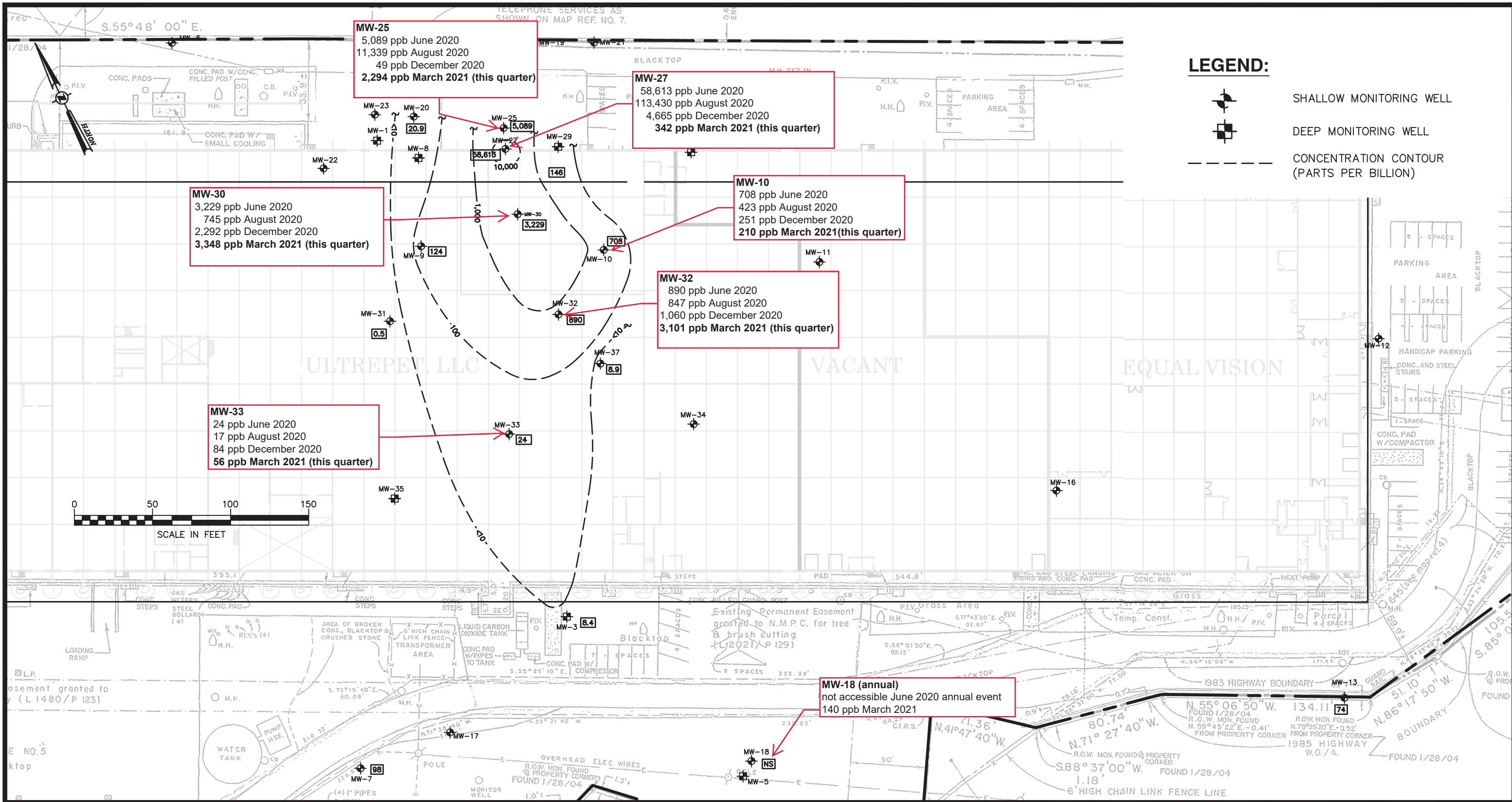
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Nashville, Tennessee 37212
Phone: (615) 380-1359
- Chattanooga Tennessee Office:
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Chattanooga, Tennessee 37403
Phone: (423) 241-6575

GROUNDWATER CONTOUR MAP
March 12, 2021

designed BWF	checked ASR
date 5/27/2021	scale 1"=50'
project no. 90618.00	
sheet no. 1	

Drawing Name: C:\temp\AcPublish_12164\90618.00_PPBB_2020-JUNE.dwg Date Printed: Jan 28, 2021, 12:09pm



LEGEND:

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- CONCENTRATION CONTOUR (PARTS PER BILLION)

MW-25
 5,089 ppb June 2020
 11,339 ppb August 2020
 49 ppb December 2020
2,294 ppb March 2021 (this quarter)

MW-27
 58,613 ppb June 2020
 113,430 ppb August 2020
 4,665 ppb December 2020
342 ppb March 2021 (this quarter)

MW-30
 3,229 ppb June 2020
 745 ppb August 2020
 2,292 ppb December 2020
3,348 ppb March 2021 (this quarter)

MW-10
 708 ppb June 2020
 423 ppb August 2020
 251 ppb December 2020
210 ppb March 2021 (this quarter)

MW-32
 890 ppb June 2020
 847 ppb August 2020
 1,060 ppb December 2020
3,101 ppb March 2021 (this quarter)

MW-33
 24 ppb June 2020
 17 ppb August 2020
 84 ppb December 2020
56 ppb March 2021 (this quarter)

MW-18 (annual)
 not accessible June 2020 annual event
 140 ppb March 2021

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375 Boy Road
Queensbury, New York 12804
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**TOTAL CVOCs IN GROUNDWATER IN PARTS PER BILLION (JUNE 2020)
 136 FULLER ROAD**

Updated to show August and December 2020, and March 2021 Results

designed BWF	checked ASR
date 01/28/21	scale 1"=60'
project no. 90618.00	
sheet no.	

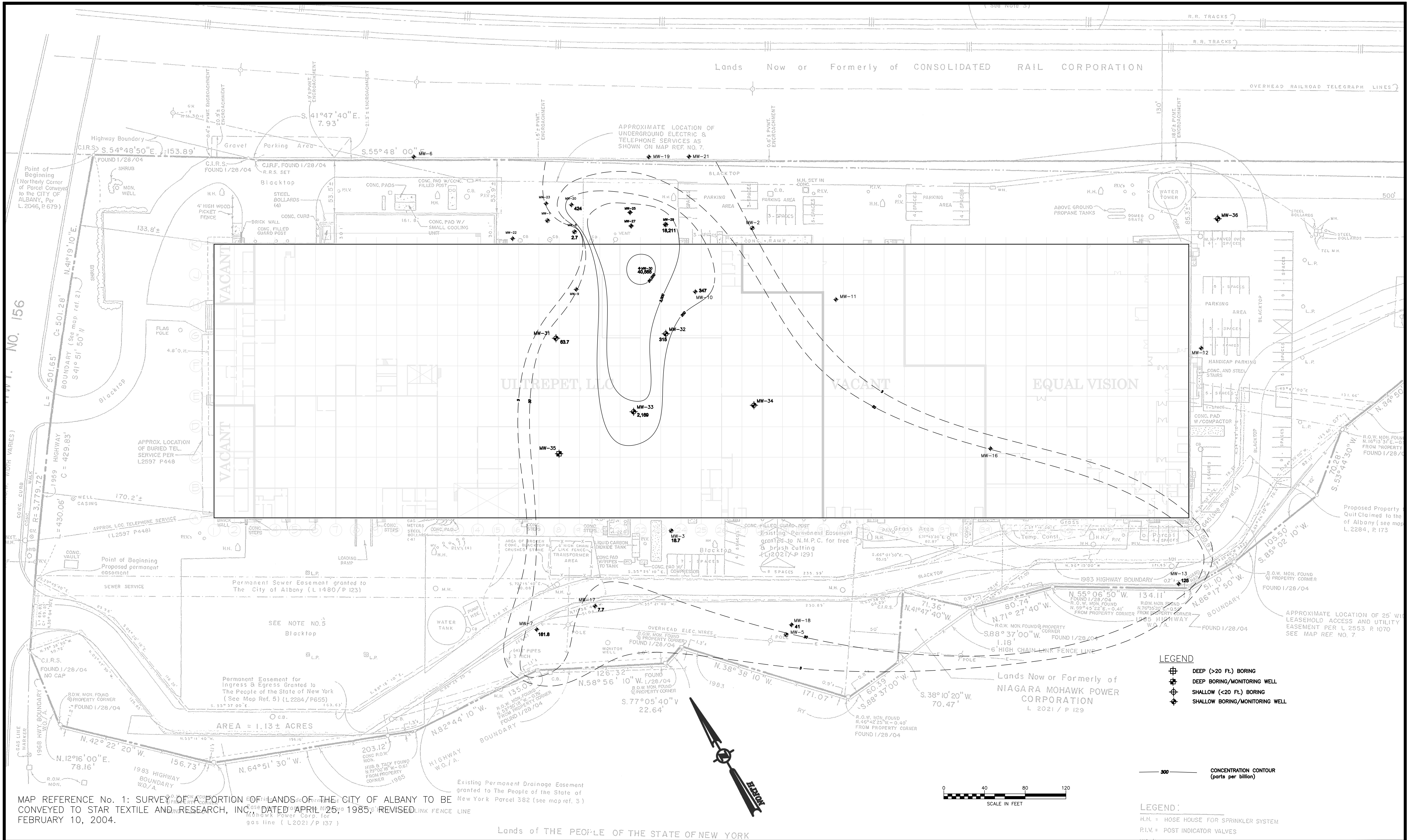
Figure 2

HISTORICAL CVOC DATA

Figure 3a – Total CVOCs in Groundwater(June 2019)

Figure 3b – Total CVOCs in Groundwater (June 2018)

Figure 3c – Total CVOCs in Groundwater (February 2012)



MAP REFERENCE NO. 1: SURVEY OF A PORTION OF LANDS OF THE CITY OF ALBANY TO BE CONVEYED TO STAR TEXTILE AND RESEARCH, INC. DATED APRIL 25, 1985, REVISED FEBRUARY 10, 2004.

- LEGEND**
- DEEP (>20 FT.) BORING
 - DEEP BORING/MONITORING WELL
 - SHALLOW (<20 FT.) BORING
 - SHALLOW BORING/MONITORING WELL

300 CONCENTRATION CONTOUR (parts per billion)

- LEGEND:**
- H.H. = HOSE HOUSE FOR SPRINKLER SYSTEM
 - P.I.V. = POST INDICATOR VALVES

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THE Chazen COMPANIES
 Engineers/Surveyors
 Planners
 Environmental Scientists
 Landscape Architects

CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., P.C.

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- Connecticut Office: 914 Hartford Turnpike, Waterford, CT 06385, Phone: (860) 440-2690

rev.	date	description

FORMER FULLER BRUSH FACILITY

TOTAL CVOCs IN GROUNDWATER IN PARTS PER BILLION (FEBRUARY 2012)

136 FULLER ROAD

CITY OF ALBANY, ALBANY CO., NEW YORK

drawn	checked
CSD	ASM
date	scale
7/18/12	1"=40'
project no.	90618.00
sheet no.	Figure 3c

Groundwater Data Summary Tables

NOTES:

All data are reported in micrograms per liter (ug/L) = parts per billion (ppb)

NS indicates that there is no listed standard for that analyte

NA indicate that the compound was not included on the list of analytes

Results which exceed 6 NYCRR Part 703.5 ambient groundwater standards and guidance values have been **bolded**

Bolded cells indicate values that are greater than the standard; Shaded cells indicate values that are greater than the standard and which were not

* = Guidance Value

+ Applies to the sum of trans-1,3-Dichloropropene and cis-1,3-Dichloropropene

ND < = indicates the compound was not detected at or above the listed laboratory method reporting limit

B indicates the analyte is found in the associated analysis batch blank.

Italics indicate laboratory method reporting limit is greater than the groundwater quality standard

CCV-E indicates the value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

ICV-E indicates the value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

HT-01R This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

QL-02 indicates this LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the reference method. The reference method has certain limitations with respect to analytes of this nature.

SCAL-E The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) (Screen Interval)	6 NYCRR Part 703.5	MW10															
		FRMW-MW10-X15 (10-15')															
		7/19/2010	5/31/2011	7/21/2011	9/29/2011	12/14/2011	2/22/2012	4/30/2012	6/28/2012	9/25/2012	12/19/2012	3/14/2013	6/12/2013	9/17/2013	11/19/2013	3/26/2014	6/12/2014
Lab Sample ID		10G0579-15	11F0120-02	11G0750-02	11I0038-02	11L0632-02	12B0883-02	12E0113-04	12F0976-02	12I0945-04	12L0807-04	--	13F0453-06	13I0664-05	13K0803-05	14C0921-04	14F0651-05
Groundwater Elevation (ft.)		239.15	241.24	240.56	241.54	241.21	240.65	240.17	240.23	238.78	238.72	--	239.12	239.20	238.89	239.81	239.55
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	--	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	670	260	65 J	300	280	8.2	180	190	45	7.8		260	180	84	1.1	0.66
1,1,2,2-Tetrachloroethane	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
1,1,2-Trichloroethane	1	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
1,1-Dichloroethane	5	310	47 J	17	97	55 J	0.86 J	37 J	44 J	23	2.8 J		95	67	23	ND< 0.5	ND< 0.5
1,1-Dichloroethylene	5	87 J	31 J	14	50	ND< 250	ND< 5.0	ND< 50	34	12	1.4 J		62	45	16	ND< 0.5	ND< 0.5
1,2,3-Trichlorobenzene	5	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
1,2,4-Trichlorobenzene	5	ND< 500	ND< 10	ND< 10	ND< 10	ND< 500	ND< 10	ND< 100	ND< 10	ND< 10	ND< 10		ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
1,2-Dibromo-3-chloropropane	0.04	ND< 250	ND< 10	ND< 10	ND< 10	ND< 500	ND< 10	ND< 100	ND< 10	ND< 10	ND< 10		ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
1,2-Dibromoethane	0.0006	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
1,2-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
1,2-Dichloroethane	0.6	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
1,2-Dichloropropane	1	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
1,3-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
1,4-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
2-Butanone	50*	ND< 250	ND< 10	ND< 10	ND< 10	ND< 500	ND< 10	ND< 100	ND< 10	ND< 10	ND< 10		ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
2-Hexanone	50*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 500	ND< 10	ND< 10	ND< 10	ND< 500	ND< 10	ND< 100	ND< 10	ND< 10	ND< 10		ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
Acetone	50*	ND< 270 J	ND< 10	ND< 10	ND< 10	ND< 500	ND< 10	6.2 B-Dil, J	ND< 10	ND< 10	ND< 10		ND< 10	ND< 10	ND< 10	ND< 2	ND< 2.0
Benzene	1	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Bromochloromethane	5	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
Bromodichloromethane	50*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Bromoform	50*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Bromomethane	5	ND< 250 J	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Carbon disulfide	60*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Carbon tetrachloride	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Chlorobenzene	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Chloroethane	5	ND< 250	3.2 J	1.3 J	2.2	ND< 250	ND< 5.0	ND< 50	1.6 J	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Chloroform	7	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	12	13
Chloromethane	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
cis-1,2-Dichloroethylene	5	8,700	3,300	830	3,800	2,900	67	2,000	2,600	940	170		2,800	4,600	1,500 HT-01R	11	2.7
cis-1,3-Dichloropropylene	0.4*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Cyclohexane	NS	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
Dibromochloromethane	50*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Dichlorodifluoromethane	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	2.5 J	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Ethyl Benzene	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Isopropylbenzene	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Methyl acetate	NS	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
Methyl tert-butyl ether (MTBE)	10*	ND< 250	0.39 J	1.0 J	ND< 5.0	ND< 250	ND< 5.0	ND< 50	0.42 J	1.2 J	0.84 J		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Methylcyclohexane	NS	na	na	na	na	na	na	na	na	na	na		na	na	na	ND< 0.5	ND< 0.5
Methylene chloride	5	ND< 430 J	ND< 10	ND< 10	2.8	ND< 500	ND< 10	4.2 B-Dil, J	ND< 10	3.0 J,B	ND< 10		ND< 10	ND< 10	ND< 10	ND< 2	ND< 2.0
o-Xylene	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
p- & m- Xylenes	5	46 J	ND< 10	ND< 10	ND< 10	ND< 250	ND< 10	ND< 100	ND< 10	ND< 10	ND< 10		ND< 10	ND< 10	ND< 10	ND< 1	ND< 1.0
Styrene	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Tetrachloroethylene	5	670	480	140 J	190	230 J	200	160	160 J	33 J	22		57	51	55	31	24
Toluene	5	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
trans-1,2-Dichloroethylene	5	ND< 250	17	3.5 J	10	ND< 250	ND< 5.0	ND< 50	10	ND< 5.0	ND< 5.0		ND< 5.0	12	5.3	ND< 0.5	ND< 0.5
trans-1,3-Dichloropropylene	0.4*	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		ND< 5.0	ND< 5.0	ND< 5	ND< 0.5	ND< 0.5
Trichloroethylene	5	440	110	26	55	130 J	71	73	120 J	15	3.8 J		29	19	16	2.4	1.9
Trichlorofluoromethane (freon 11)	5	ND< 250	3.5 J	3.2 J	2.3	ND< 250	ND< 5.0	ND< 50	1.8 J	0.83 J	ND< 5.0		1.2 J	1 J	ND< 5	ND< 0.5	ND< 0.2
Vinyl Chloride	2	ND< 250	ND< 5.0	ND< 5.0	ND< 5.0	ND< 250	ND< 5.0	ND< 50	ND< 5.0	ND< 5.0	ND< 5.0		1 J	0.87 J	ND< 5	ND< 0.5	ND< 0.5
Total VOC concentration	NS	10,923	4,252	1,101	4,509	3,595	347	2,460	3,164	1,073	209		3,305.20	4,975.87	1,699.30	57.50	42.26
Total CVOC concentration	NS	10,877	4,252	1,100	4,509	3,595	347	2,454	3,164	1,072	208		3,305.20	4,975.87	1,699.30	57.50	42.26
Total Petro-VOC concentration	NS	46	0	1	0	0	0	0	0	1	1		0	0	0	0	0
Other VOC concentration	NS	0	0	0	0	0	0	6.2	0	0	0		0	0	0	0	0
	Location of screen	Across water table (243' - 238' amsl)															

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW10 'FRMW-MW10-X15 (10-15')															
		9/16/2014	12/15/2014	3/10/2015	6/25/2015	9/16/2015	11/30/2015	3/3/2016	5/26/2016	9/29/2016	10/31/2016	12/1/2016	3/28/2017	6/28/2017	9/29/2017	12/11/2017	3/29/2018
		1410784-03	--	--	15F1052-11	--	--	16C0192-06	--	--	--	--	--	--	17F1193-07	17J0005-01	--
Groundwater Elevation (ft.)		238.64	<237.50	<237.50	238.57	<237.50	<237.50	238.58	<237.50	<238.20	<238.20	<238.20	<238.20	239.61	238.58	<238.20	238.48
Analyte	ppb	ppb	--	--	ppb	--	--	--	--	--	--	--	--	ppb	ppb	--	ppb
1,1,1-Trichloroethane	5	0.5			21			43						310	83		65
1,1,2,2-Tetrachloroethane	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,1-Dichloroethane	5	ND< 0.5			6.3			20						140 J	36		64
1,1-Dichloroethylene	5	ND< 0.5			5.7			15						280	67		57
1,2,3-Trichlorobenzene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 2			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,2-Dichloroethane	0.6	ND< 0.5			ND< 0.5			0.36 J						ND< 80	ND< 0.40		2.7
1,2-Dichloropropane	1	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
2-Butanone	50*	ND< 2			ND< 0.5			ND< 0.8						ND< 80	ND< 0.40		ND< 0.20
2-Hexanone	50*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Acetone	50*	ND< 2			ND< 2			ND< 1						660 J	2.2 J		ND< 1.0
Benzene	1	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	0.44 JD		0.46 J
Bromochloromethane	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Bromodichloromethane	50*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Bromoform	50*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Bromomethane	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Carbon disulfide	60*	ND< 0.5			ND< 0.5			0.34 J						ND< 80	ND< 0.40		ND< 0.20
Carbon tetrachloride	5	ND< 0.5	WELL DRY	WELL DRY	ND< 0.5	WELL DRY	WELL DRY	ND< 0.2	WELL DRY	WELL DRY	WELL DRY	WELL DRY	WELL DRY	ND< 80	ND< 0.40	WELL DRY	ND< 0.20
Chlorobenzene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Chloroethane	5	ND< 0.5			0.32 J			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Chloroform	7	7.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		0.38 J
Chloromethane	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
cis-1,2-Dichloroethylene	5	6.2			730			670						5,500	650		1,500
cis-1,3-Dichloropropylene	0.4*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Cyclohexane	NS	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	0.74 J		ND< 0.2
Dibromochloromethane	50*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Dichlorodifluoromethane	5	ND< 0.5			ND< 0.5			0.62						ND< 80	1.7 D		0.77
Ethyl Benzene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Isopropylbenzene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Methyl acetate	NS	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	0.76 J		ND< 0.2
Methylcyclohexane	NS	ND< 0.5			0.2 J			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Methylene chloride	5	1.1 J			ND< 2			ND< 1						ND< 400	ND< 2.0		ND< 1.0
o-Xylene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
p- & m- Xylenes	5	ND< 1			ND< 1			ND< 0.5						ND< 200	ND< 1.0		ND< 0.5
Styrene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Tetrachloroethylene	5	8.9			12			14						ND< 80	34 B		14
Toluene	5	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
trans-1,2-Dichloroethylene	5	ND< 0.5			3.0			1.4						ND< 80	11		17
trans-1,3-Dichloropropylene	0.4*	ND< 0.5			ND< 0.5			ND< 0.2						ND< 80	ND< 0.40		ND< 0.20
Trichloroethylene	5	1.3			5.0			3.7						ND< 80	14		12
Trichlorofluoromethane (freon 11)	5	ND< 0.5			0.48 J			0.24 J						ND< 80	0.92 J		ND< 0.2
Vinyl Chloride	2	ND< 0.5			3.5			1.3						ND< 80	3.5		ND< 0.2
Total VOC concentration	NS	25.50			787.50			770						6890.00	905.26		1,733.31
Total CVOC concentration	NS	25.50			787.30			770						6230.00	901.12		1,732.85
Total Petro-VOC concentration	NS	0	na		0.00	na	na	0	na	na	na	na	na	0	1.20	na	0.46
Other VOC concentration	NS	0			0			0						660	2.94		0
Location of screen																	Across water table (243' - 238' amsl)

Sample Location		MW10											
Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) (Screen Interval)		FRMW-MW10-X15 (10-15')											
		6/14/2018	9/6/2018	12/6/2018	3/5/2019	6/11/2019	9/17/2019	12/17/2019	3/16/2020	6/10/2020	8/27/2020	12/14/2020	3/12/2021
Sample Date		--	--	18L0310-04	19C0144-04	19F0430-04	19I0905-01	19L0806-01	20C0746-04	20F0477-04	20H1134-01	20L0785-01	21C0753-01
Lab Sample ID		238.18	238.48	239.50	240.10	240.43	239.40	239.80	239.99	240.00	238.99	239.08	239.28
Groundwater Elevation (ft.)		--	--										
Analyte	ppb			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5			27	34	8.0	3.6	ND< 2.5	6.4	4.4	3.4 J	1.9	4.4
1,1,2,2-Tetrachloroethane	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5			17	14	3.3	2.6	ND< 2.5	2.7	5.0	4.7 J	3.1	4.2
1,1-Dichloroethylene	5			9.9	26	3.9	1.3	ND< 2.5	1.7 ICV-E	2.6	ND< 2.5	ND< 0.20	2.3
1,2,3-Trichlorobenzene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20
1,2,4-Trichlorobenzene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20
1,2-Dichloroethane	0.6			ND< 0.20	0.58	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dichloropropane	1			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20
1,4-Dichlorobenzene	3			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20
2-Butanone	50*			ND< 0.20	ND< 0.20	ND< 0.20	28	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
2-Hexanone	50*			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 5.0	ND< 0.20	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Acetone	50*			ND< 1.00	ND< 1.00	ND< 1.00	ND< 1.00	ND< 5.0	ND< 1.0	ND< 1.0	ND< 2.5	1.7 J	ND< 1
Benzene	1			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Bromochloromethane	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Bromodichloromethane	50*			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Bromoform	50*			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Bromomethane	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Carbon disulfide	60*			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Carbon tetrachloride	5	Insufficient flow and well volume	Insufficient flow and well volume	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chlorobenzene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chloroethane	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chloroform	7			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	0.27 J	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chloromethane	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	0.73	ND< 0.20
cis-1,2-Dichloroethylene	5			390	620	160	120	14	140	670	390	220	170
cis-1,3-Dichloropropylene	0.4+			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Cyclohexane	NS			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
Dibromochloromethane	50*			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Dichlorodifluoromethane	5			0.730	0.68	0.36 J	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	0.2 CCV-E, ICV-E, QL-02, J
Ethyl Benzene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Isopropylbenzene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Methyl acetate	NS			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
Methyl tert-butyl ether (MTBE)	10*			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	0.27 J	0.33 J
Methylcyclohexane	NS			ND< 0.2	0.59	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 5.0	na	ND< 0.2
Methylene chloride	5			ND< 1.0	ND< 1.0	ND< 0.20	ND< 1.0	ND< 5.0	ND< 1.0	ND< 1.0	ND< 2.5	ND< 1	ND< 1
o-Xylene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
p- & m- Xylenes	5			ND< 0.50	ND< 0.50	ND< 0.20	ND< 0.50	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.5	ND< 0.5
Styrene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Tetrachloroethylene	5			11	18	9	10	8.0	11	15	12	6.6	11
Toluene	5			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
trans-1,2-Dichloroethylene	5			1.8	4.80	1.3	1.1	ND< 2.5	0.65	5.2	ND< 2.5	1.9	1.5
trans-1,3-Dichloropropylene	0.4+			ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Trichloroethylene	5			8.4	25	5.9	7.6	3.6 J	2.7	4.1	13	13	13
Trichlorofluoromethane (freon 11)	5			ND< 0.20	0.28 J	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Vinyl Chloride	2			0.390 J	1.40	0.49 J	2.4 CCV-E	ND< 2.5	0.64 ICV-E	1.6 QL-02	ND< 2.5	3.4	2.9 CCV-E
Total VOC concentration	NS			466.22	745.33	192.25	176.60	25.6	166.06	707.9	423.1	252.6	209.8
Total CVOC concentration	NS			466.22	744.74	192.25	148.60	25.6	166.06	707.9	423.1	250.6	209.5
Total Petro-VOC concentration	NS	na	na	0	0	0	0	0	0	0	0	0	0.3
Other VOC concentration	NS			0	1	0	28	0	0	0	0	2	0
Location of screen		Across water table (243' - 238' amsl)											

Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW18 FRMW-MW18- X19 (9-19')											
		07/15/10	09/30/11	12/13/11	02/22/12	04/30/12	06/27/12	09/25/12	12/19/12	03/14/13	06/12/14	06/25/15	
		10G0511-02	11J0038-14	11L0633-05	12B0883-11	12E0113-07	12F0976-12	12I0945-07	12L0807-07	12C0516-06	14F0651-08	15F1052-09	
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1,1,1-Trichloroethane	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,1,2,2-Tetrachloroethane	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,1,2-Trichloroethane	1	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,1-Dichloroethane	5	6	8.8	10	7.4	5.4	4.7 J	7.2	7.9	10	23	30	
1,1-Dichloroethylene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	1.2	2.1
1,2,3-Trichlorobenzene	5	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
1,2,4-Trichlorobenzene	5	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
1,2-Dibromo-3-chloropropane	0.04	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
1,2-Dibromoethane	0.0006	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,2-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
1,2-Dichloroethane	0.6	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,2-Dichloropropane	1	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
1,3-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
1,4-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
2-Butanone	50*	ND< 10	ND< 10	ND< 5.0	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
2-Hexanone	50*	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 10 J	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 0.5	ND< 0.5
Acetone	50*	ND< 5.0	4.8 J,B	ND< 5.0	3.5 J,B	5.9 J,B	4.8 J	ND< 10	ND< 10	ND< 10	1.6 CCV-E, J, B	7.8 ICV-E, SCALE	
Benzene	1	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Bromochloromethane	5	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
Bromodichloromethane	50*	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Bromoform	50*	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Bromomethane	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Carbon disulfide	60*	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Carbon tetrachloride	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Chlorobenzene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Chloroethane	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Chloroform	7	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Chloromethane	5	18	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
cis-1,2-Dichloroethylene	5	ND< 5.0	18	20	16	9.4	8.3	17	12	11	16	27	
cis-1,3-Dichloropropylene	0.4 [†]	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Cyclohexane	NS	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
Dibromochloromethane	50*	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Dichlorodifluoromethane	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Ethyl Benzene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Isopropylbenzene	5	ND< 10	ND< 5.0	ND< 10	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Methyl acetate	NS	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
Methyl tert-butyl ether (MTBE)	10*	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Methylcyclohexane	NS	na	na	na	na	na	na	na	na	na	na	ND< 0.5	ND< 0.5
Methylene chloride	5	ND< 6.6	3.8 J,B	ND< 5.0	3.1 J,B	7.7 J,B	6.7 J,B	ND< 10	ND< 10	5.0 J	ND< 2.0	ND< 2	
o-Xylene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
p- & m- Xylenes	5	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 10	ND< 1.0	ND< 1
Styrene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Tetrachloroethylene	5	4.8 J	6.5	5.2	5.4	7.7	8.1	8.8	7.2	5.4	5.8	4.9	
Toluene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
trans-1,2-Dichloroethylene	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	0.22 J	0.27 J
trans-1,3-Dichloropropylene	0.4 [†]	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Trichloroethylene	5	4 J	3.4 J	5.8	3.6 J	3.2 J	3.3 J	5.2	3.5 J	3.4 J	3.9	3.9	
Trichlorofluoromethane (freon 11)	5	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Vinyl Chloride	2	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 5.0	ND< 0.5	ND< 0.5
Total VOC concentration	NS	32.8	45.3	41.0	39.0	39.3	35.9	38.2	30.6	34.8	51.7	76.0	
Total CVOC concentration	NS	32.8	40.5	41.0	35.5	33.4	31.1	38.2	30.6	34.8	50.1	68.2	
Total Petro-VOC concentration	NS	0	0	0	0	0	0	0	0	0	0	0	
Other VOC concentration	NS	0	4.8	0	3.5	5.9	4.8	0.0	0.0	0.0	1.6	7.8	
	Location of screen	Across water table (238.5' - 228.5' amsl)											

Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW18 FRMW-MW18-X19 (9-19')					
		05/26/16	06/28/17	06/14/18	06/11/19	06/10/20	03/12/21
		16E1165-08	---	18F0674-08	19F0430-06	---	21C0753-02
		232.79	---	233.32	235.96	---	233.79
Analyte	ppb	ppb	---	ppb	ppb	---	ppb
1,1,1-Trichloroethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,1,2,2-Tetrachloroethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,1-Dichloroethane	5	58		38	42		30
1,1-Dichloroethylene	5	4.8		5.6	6.7		6.4
1,2,3-Trichlorobenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,2-Dichloroethane	0.6	0.29 J		ND< 1.0	ND< 2.0		ND< 0.20
1,2-Dichloropropane	1	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
2-Butanone	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
2-Hexanone	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Acetone	50*	3.4 CCV-E, B		ND< 5.0	26 CCV-E		11
Benzene	1	ND< 0.5		ND< 1.0	ND< 2.0		0.20 J
Bromochloromethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Bromodichloromethane	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Bromoform	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Bromomethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Carbon disulfide	60*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Carbon tetrachloride	5	ND< 0.5	Well silted in - not sampled.	ND< 1.0	ND< 2.0	Well silted in - not sampled.	ND< 0.20
Chlorobenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Chloroethane	5	1.8		ND< 1.0	ND< 2.0		ND< 0.20
Chloroform	7	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Chloromethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
cis-1,2-Dichloroethylene	5	46		50	85		95
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Cyclohexane	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Dibromochloromethane	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Dichlorodifluoromethane	5	0.80		ND< 1.0	ND< 2.0		0.25 CCV-E, ICV-E, QL 02, J
Ethyl Benzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Isopropylbenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Methyl acetate	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	0.35 J		ND< 1.0	ND< 2.0		ND< 0.20
Methylcyclohexane	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Methylene chloride	5	ND< 2.0		ND< 5.0	ND< 10.0		ND< 1
o-Xylene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
p- & m- Xylenes	5	ND< 1.0		ND< 2.5	ND< 5.0		ND< 0.50
Styrene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Tetrachloroethylene	5	2.3		1.2 QL-02, J	ND< 2.0		0.83
Toluene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
trans-1,2-Dichloroethylene	5	0.51		ND< 1.0	ND< 2.0		1.2
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20
Trichloroethylene	5	5.1		2.6 QL-02	3.6 J		4.1
Trichlorofluoromethane (freon 11)	5	0.24 J		ND< 1.0	ND< 2.0		ND< 0.20
Vinyl Chloride	2	0.52		ND< 1.0	ND< 2.0		2.6
Total VOC concentration	NS	124	0	97	163	0	152
Total CVOC concentration	NS	120	0	97	137.3	0	140
Total Petro-VOC concentration	NS	0	0	0	0	0	0
Other VOC concentration	NS	3	0	0	26	0	11
	Location of screen	Across water table (238.5' - 228.5' amsl)					

Sample Location		MW25															
Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval)		FRMW-MW25-X10 (5-10')															
Lab Sample ID		7/19/2010	5/31/2011	7/21/2011	9/29/2011	12/13/2011	2/22/2012	4/30/2012	6/27/2012	9/25/2012	12/19/2012	3/14/2013	6/12/2014	6/25/2015	5/26/2016	9/29/2016	10/31/2016
Groundwater Elevation (ft.)		10G0579-07	11F0120-04	11G0750-04	11J0038-04	--	--	--	--	--	--	--	--	--	--	16I1131-04	16K0022-05
Analyte		ppb	ppb	ppb	ppb	--	--	--	--	--	--	--	--	--	--	ppb	ppb
1,1,1-Trichloroethane	5	1,400	76	100	130											32	30
1,1,2,2-Tetrachloroethane	5	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 120	ND< 5.0	ND< 50	68											ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	340	70	76	160											130	150
1,1-Dichloroethylene	5															36	55
1,2,3-Trichlorobenzene	5	ND< 120	7.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 250	ND< 10	ND< 100	ND< 500											ND< 0.20	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 120	ND< 10	ND< 100	ND< 500											ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	na	na	na	na											ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	ND< 120	ND< 5.0	ND< 50	ND< 250											0.31 J	ND< 0.20
1,2-Dichloropropane	1	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	na	na	na	na											ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	NA	NA	NA	NA											ND< 0.20	ND< 0.20
2-Butanone	50*	ND< 120	ND< 10	ND< 100	ND< 500											ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 250	ND< 10	ND< 100	ND< 500											ND< 0.20	ND< 0.20
Acetone	50*	ND< 160 J	ND< 10	ND< 100	5.6											8.7 CCV-E	7.3 ^{CCV-E} _{Scal-F}
Benzene	5	na	na	na	na											0.5	0.57
Bromochloromethane	1	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Bromoform	50*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Bromomethane	5	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	0.65 B
Carbon disulfide	60*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	14
Carbon tetrachloride	5	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Chloroethane	5	ND< 120	3.6 J	ND< 50	ND< 250											0.36 J	0.94
Chloroform	7	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Chloromethane	5	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	3.6
cis-1,2-Dichloroethylene	5	3,500	170	280	1,600											1900	2900
cis-1,3-Dichloropropylene	NS	na	na	na	na											ND< 0.20	ND< 0.20
Cyclohexane	0.4*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	0.23 J
Dibromochloromethane	50*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	62 J	290	130	2,100											150	160 CCV-E
Ethyl Benzene	5	380	38	24 J	100											12	14
Isopropylbenzene	NS	na	na	na	na											0.50	0.49 J
Methyl acetate	5	ND< 120	4.2 J	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	NS	na	na	na	na											ND< 0.20	ND< 0.20
Methylcyclohexane	10*	ND< 120	ND< 5.0	ND< 50	ND< 250											1.1	1.3
Methylene chloride	5	ND< 230	ND< 10	16 J,B	3.7											ND< 1	ND< 1
o-Xylene	5	490	21	14 J	86											6.8	9.0
p- & m- Xylenes	5	2,000	89	51 J	320											30	31
Styrene	5	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Tetrachloroethylene	5	2,800	140	350	790											140	160
Toluene	5	580	15	13 J	ND< 250											9.0	12
trans-1,2-Dichloroethylene	5	ND< 120	ND< 5.0	ND< 50	ND< 250											33	100
trans-1,3-Dichloropropylene	0.4*	ND< 120	ND< 5.0	ND< 50	ND< 250											ND< 0.20	ND< 0.20
Trichloroethylene	5	810	16	18 J	85											120	140
Trichlorofluoromethane (freon 11)	5	1,200	330	480	9800											180	160
Vinyl Chloride	2	ND< 120	ND< 5.0	ND< 50	ND< 250											1.5	13
Total VOC concentration	NS	13,562	1,269.8	1,552.0	15,248.3											2,791.8	3,963.1
Total CVOC concentration	NS	10,112	1,102.6	1,450.0	14,736.7											2,723.2	3,872.5
Total Petro-VOC concentration	NS	3450.0	167.2	102.0	506.0	na	na	na	na	na	na	na	na	na	na	58.80	67.06
Other VOC concentration	NS	0	0	0	5.6											9.80	23.48
Location of screen		On top of shallow clay (244' - 239' amsl)															

WELL DRY - NOT SAMPLED

Sample Location		MW25														
Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval)		6 NYCRR Part 703.5		FRMW-MW25-X10 (5-10')												
Lab Sample ID		12/1/2016	3/28/2017	6/28/2017	9/29/2017	12/11/2017	3/29/2018	6/14/2018	9/6/2018	12/6/2018	3/5/2019	6/11/2019	9/17/2019	12/17/2019	3/16/2020	6/10/2020
Groundwater Elevation (ft.)		16L0074-04	17C1158-02	17F1193-10	17J0005-03	17L0427-01	181190-03	18F0674-13	18I0297-04	18L0310-5	--	19F0430-08	19I0905-02	19L0806-02	20C0746-06	20F0477-07
		242.36	242.36	241.87	241.34	240.86	242.26	241.89	242.47	243.97	--	242.08	241.3	242.49	241.94	242.26
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	--	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	18	9.2	ND< 20	0.69	3.4	6.8	ND< 10	12	0.59		6.6	ND< 0.20	ND< 2.5	48	16
1,1,2,2-Tetrachloroethane	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	130	21	130	4.9	83	54	44	100	12		80	44	ND< 2.5	140	79
1,1-Dichloroethylene	5	35	4.2	63	2.6	3.5	12	ND< 10	18	1.6		7.9	0.44 J	ND< 2.5	39	15
1,2,3-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	0.26 J	ND< 0.2	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	2.3	1.0
1,2-Dichloropropane	1	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
2-Butanone	50*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	1.60 ICV-E	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	1	ND< 10	1.6	ND< 0.20		0.40	J	0.44 J	ND< 2.5	ND< 0.20
Acetone	50*	6.4 CCV-E, Sca	3.1	ND< 100	4.9	ND< 1.0	2.1	ND< 50	ND< 2.0	ND< 1.00		ND< 1.0	J	2.3 CCV-E	ND< 5.0	ND< 1.0
Benzene	5	0.42 J	ND< 0.2	ND< 20	ND< 0.20	0.3 J	0.26 J	ND< 10	ND< 0.40	ND< 0.20		0.20	J	ND< 0.20	ND< 2.5	0.77
Bromochloromethane	1	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Bromomethane	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	1.5 CCV-E, ICV-E
Carbon disulfide	60*	0.37 J	ND< 0.2	ND< 20	ND< 0.20	0.23 J	ND< 0.2	ND< 10	ND< 0.40	ND< 0.20		0.49	J	0.41 J	ND< 2.5	0.24
Carbon tetrachloride	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chloroethane	5	0.85	ND< 0.20	ND< 20	1.4	2.5	1.7	ND< 10	2.5	ND< 0.20		0.88		1.3 CCV-E	ND< 2.5	0.84
Chloroform	7	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	4.3	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Chloromethane	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
cis-1,2-Dichloroethylene	5	2,300 VOA-HDSP	170	1,800	110	130	560	330	1,000	39		140	10	ND< 2.5	5,500	3,500
cis-1,3-Dichloropropylene	NS	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Cyclohexane	0.4*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Dibromochloromethane	50*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	110	63	160	7.8	59	88	78 CCV-E	130	16		89	7.2 CCV-E	ND< 2.5	420	270
Ethyl Benzene	5	10	0.5	ND< 20	ND< 0.20	4.2	1.2	ND< 10	4.8	0.43 J		1.5	0.22 J	ND< 2.5	4.8	ND< 0.20
Isopropylbenzene	NS	0.45 J	ND< 0.2	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	0.26	J
Methyl acetate	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	NS	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Methylcyclohexane	10*	1.3	ND< 0.2	ND< 20	ND< 0.20	0.74	ND< 0.2	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	0.46	J
Methylene chloride	5	ND< 1	ND< 1	ND< 100	ND< 1.0	ND< 1.0	ND< 1.0	ND< 50	ND< 0.40	ND< 1.00		ND< 1.0	ND< 1.0	ND< 2.5	ND< 1.0	ND< 1.0
o-Xylene	5	6.1	0.35 J	ND< 20	0.31 J	3.7	1.5	ND< 10	2.6	ND< 0.20		0.89	ND< 0.20	ND< 2.5	2.5	1.0
p- & m- Xylenes	5	29	1.8	ND< 50	0.81 J	8.9	3.5	ND< 25	15	ND< 0.50		4.3	0.50 J	ND< 5.0	8.1	0.50
Styrene	5	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Tetrachloroethylene	5	110	15 SCAL-E	240	4.6	6.1	14	16 QL-02	35	2.5		19	1.2	ND< 2.5	260	100
Toluene	5	8.4	0.81	ND< 20	ND< 0.20	5.9	1.5	ND< 10	4.7	0.32 J		1.8	0.6	ND< 2.5	5.1	0.42
trans-1,2-Dichloroethylene	5	58	0.55	ND< 20	0.37 J	5.0	5.4	ND< 10	3.1	ND< 0.20		1.0	0.27 J	ND< 2.5	69	130
trans-1,3-Dichloropropylene	0.4*	ND< 0.20	ND< 0.20	ND< 20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 10	ND< 0.40	ND< 0.20		ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20
Trichloroethylene	5	68	8.8	280	4.0	5.8	15	16 QL-02, J	44	6.2		23	1.8	ND< 2.5	150	82
Trichlorofluoromethane (freon 11)	5	110	84	120	2.0	22	58	42	88	8.9		240	4.9	ND< 2.5	2,100	870
Vinyl Chloride	2	11	0.84	ND< 20	13	20	31	18 CCV-E, J	24	2.5		5.6	2.8 CCV-E	ND< 2.5	3.3	26
Total VOC concentration	NS	3,015.2	383.2	2,793.0	157.4	364.3	856.96	544.00	1489.60	90.04		622.56	78.33	0.00	8754.67	5110.06
Total CVOC concentration	NS	2,951.1	376.6	2,793.0	151.4	340.3	845.90	544.00	1460.90	89.29		612.98	73.91	0.00	8732.44	5089
Total Petro-VOC concentration	NS	54.37	3.46	0.00	1.12	23.00	7.96	0.00	27.10	0.75		8.69	1.27	0.00	21.53	2.26
Other VOC concentration	NS	9.67	3.10	0.00	4.90	0.97	3.10	0.00	1.60	0.00		0.89	3.15	0.00	0.70	18.80
Location of screen		On top of shallow clay (244' - 239' amsl)														

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval)	6 NYCRR Part 703.5	MW25		
		FRMW-MW25-X10 (5-10')		
		8/27/2020 20H1134-02 243.26	12/14/2020 20L0785-02 242.17	3/12/2021 21C0753-03 243.25
Lab Sample ID Groundwater Elevation (ft.)				
Analyte	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	ND< 5.0	ND< 0.20	16
1,1,2,2-Tetrachloroethane	5	ND< 5.0	ND< 0.20	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 5.0	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 5.0	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	36	2.6	61
1,1-Dichloroethylene	5	5.5 J	ND< 0.2	9.8
1,2,3-Trichlorobenzene	5	ND< 5.0	na	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 5.0	ND< 0.20	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 5.0	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 5.0	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 5.0	na	ND< 0.20
1,2-Dichloroethane	0.6	ND< 5.0	ND< 0.20	0.37 J
1,2-Dichloropropane	1	ND< 5.0	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 5.0	na	ND< 0.20
1,4-Dichlorobenzene	3	ND< 5.0	na	ND< 0.20
2-Butanone	50*	ND< 5.0	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 10	ND< 0.20	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 5.0	ND< 0.20	ND< 0.20
Acetone	50*	ND< 5.0	1.3 J	2.1
Benzene	5	ND< 5.0	ND< 0.2	0.28 J
Bromochloromethane	1	ND< 5.0	na	ND< 0.20
Bromodichloromethane	50*	ND< 5.0	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 5.0	ND< 0.20	ND< 0.20
Bromomethane	5	ND< 5.0	ND< 0.20	ND< 0.20
Carbon disulfide	60*	ND< 5.0	ND< 0.20	ND< 0.20
Carbon tetrachloride	5	ND< 5.0	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 5.0	ND< 0.20	ND< 0.20
Chloroethane	5	ND< 5.0	ND< 0.20	ND< 0.20
Chloroform	7	ND< 5.0	ND< 0.20	ND< 0.20
Chloromethane	5	ND< 5.0	ND< 0.20	ND< 0.20
cis-1,2-Dichloroethylene	5	11,000 E	32	990
cis-1,3-Dichloropropylene	NS	ND< 5.0	ND< 0.20	ND< 0.20
Cyclohexane	0.4*	ND< 5.0	na	ND< 0.20
Dibromochloromethane	50*	ND< 5.0	ND< 5.0	ND< 0.20
Dichlorodifluoromethane	5	41	3.1	340 <small>QL-02, CCV-E, ICV-E</small>
Ethyl Benzene	5	ND< 5.0	ND< 0.20	2.3
Isopropylbenzene	NS	ND< 5.0	ND< 0.20	ND< 0.20
Methyl acetate	5	ND< 5.0	na	ND< 0.20
Methyl tert-butyl ether (MTBE)	NS	ND< 5.0	ND< 0.20	ND< 0.20
Methylcyclohexane	10*	ND< 10	na	0.2 J
Methylene chloride	5	ND< 5.0	ND< 1	ND< 1
o-Xylene	5	ND< 5.0	ND< 0.20	1.1
p- & m- Xylenes	5	ND< 5.0	ND< 0.20	5.4
Styrene	5	ND< 5.0	ND< 0.20	ND< 0.20
Tetrachloroethylene	5	27	3	100
Toluene	5	ND< 5.0	ND< 0.20	1.9
trans-1,2-Dichloroethylene	5	ND< 5.0	0.44 J	7.4
trans-1,3-Dichloropropylene	0.4*	ND< 5.0	ND< 0.20	ND< 1.20
Trichloroethylene	5	29	1.8	41
Trichlorofluoromethane (freon 11)	5	140	2.7	710 <small>QL-02, CCV-E</small>
Vinyl Chloride	2	60	3.6	18 <small>CCV-E</small>
Total VOC concentration	NS	11339	50.54	2306.85
Total CVOC concentration	NS	11338.5	49.24	2293.57
Total Petro-VOC concentration	NS	0.00	0.00	10.98
Other VOC concentration	NS	0.00	1.30	2.30
	Location of screen	On top of shallow clay (244' - 239' amsl)		

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW27 FRMW-MW27-X10 (5-10')															
		07/16/10	05/31/11	07/21/11	09/29/11	12/13/11	02/22/12	04/30/12	06/27/12	09/25/12	12/19/12	03/14/13	06/12/13	09/17/13	11/19/13	06/12/14	09/16/14
		10G0511-14	11F0120-05	11G0750-05	11J0038-05	--	--	--	--	--	--	--	--	--	--	14F0651-10	--
		245.56	240.02	240.02	242.01	239.25	<239	<239	<239	<239	<239	<239	<239	<239	na	240.91	<239
Analyte	ppb	ppb	ppb	ppb	ppb	--	--	--	--	--	--	--	--	--	ppb	--	
1,1,1-Trichloroethane	5	8,500 J	250	1700 J	2.7	WELL DRY - NOT SAMPLED										500	Well Dry - Not sampled
1,1,2,2-Tetrachloroethane	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
1,1,2-Trichloroethane	1	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
1,1-Dichloroethane	5	720 J	10 J	320	ND< 5.0											ND< 50	
1,1-Dichloroethylene	5	ND< 2,500	ND< 50	67	ND< 5.0											ND< 50	
1,2,3-Trichlorobenzene	5	na	na	na	na											ND< 50	
1,2,4-Trichlorobenzene	5	ND< 2,500	ND< 100	ND< 100	ND< 10											ND< 50	
1,2-Dibromo-3-chloropropane	0.04	ND< 2,500	ND< 100	ND< 100	ND< 10											ND< 50	
1,2-Dibromoethane	0.0006	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
1,2-Dichlorobenzene	3	na	na	na	na											ND< 50	
1,2-Dichloroethane	0.6	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
1,2-Dichloropropane	1	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
1,3-Dichlorobenzene	3	na	na	na	na											ND< 50	
1,4-Dichlorobenzene	3	na	na	na	na											ND< 50	
2-Butanone	50*	ND< 2,500	ND< 100	ND< 100	ND< 10											ND< 50	
2-Hexanone	50*	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 5,000	ND< 100	ND< 100	ND< 10											ND< 50	
Acetone	50*	ND< 5,000 J	ND< 10 B	ND< 10 B	3.7											160 CCV-E, J, B	
Benzene	1	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Bromochloromethane	5	na	na	na	na											ND< 50	
Bromodichloromethane	50*	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Bromoform	50*	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Bromomethane	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Carbon disulfide	60*	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Carbon tetrachloride	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Chlorobenzene	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Chloroethane	5	ND< 2,500	ND< 50	23 J	ND< 5.0											ND< 50	
Chloroform	7	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Chloromethane	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
cis-1,2-Dichloroethylene	5	1,200 J	21 J	280	19											300	
cis-1,3-Dichloropropylene	0.4*	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Cyclohexane	NS	na	na	na	na											ND< 50	
Dibromochloromethane	50*	ND< 2,500	ND< 50	ND< 50	ND< 5.0											ND< 50	
Dichlorodifluoromethane	5	ND< 2,500	ND< 50	94	ND< 5.0											76	
Ethyl Benzene	5	1,800 J	110	48 J	ND< 5.0	ND< 50											
Isopropylbenzene	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0	ND< 50											
Methyl acetate	NS	na	na	na	na	ND< 50											
Methyl tert-butyl ether (MTBE)	10*	ND< 2,500	ND< 50	ND< 50	ND< 5.0	ND< 50											
Methylcyclohexane	NS	na	na	na	na	ND< 50											
Methylene chloride	5	ND< 2,500 J	ND< 10 B	ND< 10 B	3.1	ND< 200											
o-Xylene	5	2,300 J	180	100	ND< 5.0	58											
p- & m- Xylenes	5	7,100 J	650	280	1.6	ND< 100											
Styrene	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0	ND< 50											
Tetrachloroethylene	5	22,000 J	6,700	10,000	66	14,000											
Toluene	5	1,900 J	56	180	ND< 5.0	35 J											
trans-1,2-Dichloroethylene	5	ND< 2,500	ND< 50	ND< 50	ND< 5.0	ND< 50											
trans-1,3-Dichloropropylene	0.4*	ND< 2,500	ND< 50	ND< 50	ND< 5.0	ND< 50											
Trichloroethylene	5	ND< 2,500	15 J	150	5.2	85											
Trichlorofluoromethane (freon 11)	5	880 J	34 J	ND< 2500	1.1	240											
Vinyl Chloride	2	ND< 2,500	ND< 50	ND< 50	ND< 5.0	ND< 50											
Total VOC concentration	NS	46,400	8,026	13,242	102	15,594											
Total CVOC concentration	NS	33,300	7,030	12,634	97	15,341											
Total Petro-VOC concentration	NS	13100.0	996.0	608.0	1.6	93.0											
Other VOC concentration	NS	0	0	0	3.7	160.0											
	Location of screen	On top of shallow clay (244' - 239' amsl)															

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW27 FRMW-MW27-X10 (5-10')															
		12/15/14	03/17/15	06/25/15	09/16/15	11/30/15	03/03/16	05/26/16	09/29/16	10/31/16	12/1/2016	3/28/2017	6/28/2017	9/29/2017	12/11/2017	3/29/2018	6/14/2018
		14L0667-07	--	15F1052-12	15I0617-08	15L0018-08	16C0192-09	16E1165-14	16I1131-05	16K0022-04	16L0074-05	17C1158-01	17F1193-12	17J0005-03	17L0427-04	18C1190-02	18F0674-14
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1,1,1-Trichloroethane	5	88	11	140	33	2.8	6.2	3.6	1.7	ND< 2	ND< 0.2	7.5	1.9	5.6	1.6	1.9 J	
1,1,2,2-Tetrachloroethane	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,1,2-Trichloroethane	1	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,1-Dichloroethane	5	5.8	4.7	140 D	32	0.92	3.6	3	1.7	13	ND< 0.2	13	86	29	2.1	ND< 1.0	
1,1-Dichloroethylene	5	2.3	1.5	46	11	0.22 J	0.82	0.49	ND< 0.20	ND< 2	ND< 0.2	5.6	4.2	2.1	0.46 J	ND< 1.0	
1,2,3-Trichlorobenzene	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,2,4-Trichlorobenzene	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,2-Dibromo-3-chloropropane	0.04	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,2-Dibromoethane	0.0006	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,2-Dichlorobenzene	3	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,2-Dichloroethane	0.6	ND< 0.5	ND< 0.5	0.28 J	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	0.69	ND< 0.20	ND< 0.20	ND< 1.0	
1,2-Dichloropropane	1	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,3-Dichlorobenzene	3	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
1,4-Dichlorobenzene	3	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
2-Butanone	50*	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.8	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
2-Hexanone	50*	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Acetone	50*	ND< 2	ND< 2	9.30 B	2.6	ND< 1	ND< 2	1.3 CCV-E,J	ND< 1	10 U	1.5 SCAL-E	21	8.5	ND< 1.0	1.5 J	ND< 5.0	
Benzene	1	ND< 0.5	ND< 0.5	0.69	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Bromochloromethane	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Bromodichloromethane	50*	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Bromoform	50*	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Bromomethane	5	ND< 0.5	ND< 0.5	0.68 J	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Carbon disulfide	60*	0.21 J	ND< 0.5	0.83	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Carbon tetrachloride	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Chlorobenzene	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Chloroethane	5	ND< 0.5	ND< 0.5	1.20	0.3 J	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	5.6 CCV-E	ND< 0.2	ND< 2.0	2.4	ND< 0.20	ND< 0.20	ND< 1.0	
Chloroform	7	ND< 0.5	ND< 0.5	0.21 J	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Chloromethane	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
cis-1,2-Dichloroethylene	5	73	64	500 D	120	2.2	10	15	9.2	42	0.54	110	86	390	7.7	26	
cis-1,3-Dichloropropylene	0.4+	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Cyclohexane	NS	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Dibromochloromethane	50*	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Dichlorodifluoromethane	5	12	8.1	130	54	1.7	9.2	4.7	2.1	ND< 2	0.58	24	59	53	4.9	ND< 1.0	
Ethyl Benzene	5	0.98	0.43 J	2.30	0.43 J	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	3.2	0.22	ND< 0.2	ND< 1.0	
Isopropylbenzene	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Methyl acetate	NS	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Methyl tert-butyl ether (MTBE)	10*	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Methylcyclohexane	NS	ND< 0.5	ND< 0.5	ND< 0.2	0.27 J	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Methylene chloride	5	1.8 J,B	ND< 2	ND< 1	ND< 1	ND< 1	ND< 2	ND< 1	ND< 1	ND< 10	ND< 1	ND< 10	ND< 1.00	ND< 1.0	ND< 1.0	ND< 5.0	
o-Xylene	5	3.4	3.0	12	3.1	0.62	1.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	2.7 J	3.8	0.89	0.29 J	ND< 1.0	
p- & m- Xylenes	5	3.4	0.51 J	3	0.51 J	0.63 J	ND< 1	ND< 0.5	ND< 0.50	ND< 5	ND< 0.5	ND< 5.0	5.2	0.64	ND< 0.5	ND< 2.5	
Styrene	5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Tetrachloroethylene	5	1700	880	2400 D	2500 D	240 D	570	160 CCV-E	66 CCV-E, ICV-E	85 SCAL-E	49 SCAL-E	1,100	4.5 B	21	110	72 QL-02	
Toluene	5	2.2	0.32 J	2.20	0.33 J	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	6.4	0.38	ND< 0.2	ND< 1.0	
trans-1,2-Dichloroethylene	5	ND< 0.5	0.25 J	15	0.49 J	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	7.0	5.1	ND< 0.2	ND< 1.0	
trans-1,3-Dichloropropylene	0.4+	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 2	ND< 0.2	ND< 2.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 1.0	
Trichloroethylene	5	22	27	270	130	2.2	7.0	6.1	2.1	19.0	0.78	54	3.5	54	8.9	4.0 QL-02	
Trichlorofluoromethane (freon 11)	5	84	14	130	78	5.6	17	7.4	3.8	ND< 2	0.69	26	8.9	15	7.0	ND< 1.0	
Vinyl Chloride	2	ND< 0.5	ND< 0.5	0.9	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	5.8	ND< 0.2	ND< 2.0	17	84	0.72	ND< 1.0	
Total VOC concentration	NS	1,999	1,015	3,805	2,966	257	625	202	87	180	53.1	1,363.8	308.2	660.9	145.2	103.9	
Total CVOC concentration	NS	1,989	1,011	3,774	2,959	256	624	200	87	170	51.6	1,340.1	281.1	658.8	143.4	103.9	
Total Petro-VOC concentration	NS	10.0	4.3	20.2	4.4	1.3	1.5	0.0	0.0	0.0	0.0	2.7	18.6	2.1	0.3	0.0	
Other VOC concentration	NS	0.2	0.0	10.8	2.9	0.0	0.0	0.0	1.3	0.0	1.5	21.0	8.5	0.0	1.5	0.0	
Location of screen	On top of shallow clay (244' - 239' amsl)																

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW27 FRMW-MW27-X10 (5-10')										
		9/6/2018	12/6/2018	3/5/2019	6/11/2019	9/17/2019	12/17/2019	3/16/2020	6/10/2020	8/27/2020	12/14/2020	3/12/2021
		1810297-05	18L0310-06	--	--	1910905-03	19L0806-03	20C0746-05	20F0477-08	20H1134-03	20L0785-03	21C0753-04
Analyte	ppb	ppb	ppb	--	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1,1,1-Trichloroethane	5	4.2	ND< 0.20		94	ND< 2.5	5,200	2,000	1,200	61	7.6	
1,1,2,2-Tetrachloroethane	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,1,2-Trichloroethane	1	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,1-Dichloroethane	5	5.5	ND< 0.20		11	ND< 2.5	1,200	540	560	63	9.1	
1,1-Dichloroethylene	5	1.9	ND< 0.20		8.7	ND< 2.5	230	68	130	ND< 0.20	2.1	
1,2,3-Trichlorobenzene	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
1,2,4-Trichlorobenzene	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,2-Dibromo-3-chloropropane	0.04	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,2-Dibromoethane	0.0006	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,2-Dichlorobenzene	3	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
1,2-Dichloroethane	0.6	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	0.86	ND< 62	ND< 0.20	ND< 0.20	
1,2-Dichloropropane	1	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
1,3-Dichlorobenzene	3	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
1,4-Dichlorobenzene	3	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
2-Butanone	50*	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
2-Hexanone	50*	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 120	ND< 0.20	ND< 0.20	
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	0.44 J	ND< 62	ND< 0.20	ND< 0.20	
Acetone	50*	2.1 J	ND< 1.0		5.2 CCV-E	ND< 5.0	260 CCV-E, J	36	ND< 62	4.3	2.1	
Benzene	1	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	1.1	ND< 62	0.26 J	ND< 0.20	
Bromochloromethane	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
Bromodichloromethane	50*	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Bromoform	50*	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Bromomethane	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	1.6 CCV-E, ICV-E	ND< 62	ND< 0.20	ND< 0.20	
Carbon disulfide	60*	ND< 0.40	ND< 0.20		30	ND< 2.5	ND< 50	32	ND< 62	0.32 J	ND< 0.20	
Carbon tetrachloride	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Chlorobenzene	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	0.82 QL-02	ND< 62	ND< 0.20	ND< 0.20	
Chloroethane	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	3.5	ND< 63	0.49 J	ND< 0.20	
Chloroform	7	4.5	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	0.34 J	ND< 62	ND< 0.20	ND< 0.20	
Chloromethane	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	2.4 CCV-E, QL-02	ND< 62	ND< 0.20	ND< 0.20	
cis-1,2-Dichloroethylene	5	2,000	4.7		2,600	6.0	4,000	2,500	28,000 E	2,500	94	
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Cyclohexane	NS	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
Dibromochloromethane	50*	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Dichlorodifluoromethane	5	22	0.45 J		24 CCV-E	ND< 2.5	3,100	1,200 ICV-E, QL-02	1,100 CCV-E	160	35 QL-02, CCV-E, ICV-E	
Ethyl Benzene	5	ND< 0.40	ND< 0.20		5.7	ND< 2.5	110 J	33	74 J	0.90	ND< 0.20	
Isopropylbenzene	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	1.1	ND< 62	ND< 0.20	ND< 0.20	
Methyl acetate	NS	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
Methyl tert-butyl ether (MTBE)	10*	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Methylcyclohexane	NS	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	na	ND< 0.20	
Methylene chloride	5	ND< 2	ND< 1.0		ND< 1.0	ND< 2.5	ND< 250	ND< 1.0	ND< 62	ND< 1	ND< 1	
o-Xylene	5	1.7	ND< 0.20		14	ND< 2.5	260	120	170	3.2	0.51	
p- & m- Xylenes	5	ND< 1	ND< 0.50		19	ND< 5.0	350	91	170 CCV-E, J	2.7	ND< 0.50	
Styrene	5	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 250	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Tetrachloroethylene	5	110	2.7		110 CCV-E	46	40,000	46,000	41,000 E	540	100	
Toluene	5	ND< 0.40	ND< 0.20		19	ND< 2.5	290	57	ND< 62	0.98	ND< 0.20	
trans-1,2-Dichloroethylene	5	7.7	ND< 0.20		11	ND< 2.5	ND< 50	50	340	61	1.1	
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.40	ND< 0.20		ND< 0.20	ND< 2.5	ND< 50	ND< 0.20	ND< 62	ND< 0.20	ND< 0.20	
Trichloroethylene	5	110	1.2		270	8.2	2,100	1,800 QL-02	39,000 E	1,000	54	
Trichlorofluoromethane (freon 11)	5	17	0.270 J		52	ND< 2.5	13,000	4,400	2,100	270	38	
Vinyl Chloride	2	33	1.100		52 CCV-E	ND< 2.5	ND< 50	47 QL-02	ND< 62	10	1.2	
Total VOC concentration	NS	2,319.6	10.4		3,325.6	60.2	70,100	58,986	113,844	4,678	344.7	
Total CVO concentration	NS	2,315.8	10.4		3,232.7	60.2	68,830	58,613	113,430	4,665	342.1	
Total Petro-VOC concentration	NS	1.7	0.0	na	57.7	0.0	1,010	303	414	8	0.5	
Other VOC concentration	NS	2.1	0.0		35.2	0.0	260	70	0	5	2.1	
Location of screen	On top of shallow clay (244' - 239' amsl)											

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW30 FRMW-MW30-X20 (10-20')															
		7/19/2010	05/31/11	07/21/11	09/29/11	12/14/11	02/22/12	04/30/12	06/27/12	09/25/12	12/19/12	03/14/13	06/12/13	09/17/13	11/19/13	06/12/14	09/16/14
		10G0579-10	11F0120-07	11G0750-07	11I0038-07	11L0632-05	12B0883-05	12E0113-10	12F0976-05	12I0945-10	12L0807-10	13C0516-09	13F0453-07	13I0664-06	13K0803-06	14F0651-12	14I0784-05
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1,1,1-Trichloroethane	5	13,000 J	3,900	580 J	9,500	2,100	2,800	1,200	4,300	2,100	750	870	210	390	610	140	34
1,1,2,2-Tetrachloroethane	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	1.4 J	ND< 50	ND< 50	ND< 0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	1.2 J	ND< 5	ND< 50	ND< 50	ND< 50	ND< 0.5
1,1,2-Trichloroethane	1	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	9.2 J	ND< 1000	ND< 500	ND< 500	ND< 120	5.1	1.9 J	2.7 J	ND< 50	ND< 50	0.34 J
1,1-Dichloroethane	5	2,300 J	1,400	460 J	970	940 J	2,500	2,900	6,000	3,800	1,900	2,900	1,200	2,300	1,000 HT-01R	1,200	380
1,1-Dichloroethylene	5	ND< 500	360	140	160	ND< 1000	950	420 J	1,700	1,200	600	1,100	520	630	1,000	290	54
1,2,3-Trichlorobenzene	5	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
1,2,4-Trichlorobenzene	5	ND< 1000	ND< 100	ND< 100	ND< 250	ND< 1000	ND< 100	ND< 1000	ND< 1000	ND< 1000	ND< 250	ND< 10	ND< 10	ND< 10	ND< 100	ND< 50	ND< 0.5
1,2-Dibromo-3-chloropropane	0.04	ND< 500	ND< 100	ND< 100	ND< 250	ND< 2000	ND< 100	ND< 1000	ND< 1000	ND< 1000	ND< 250	ND< 10	ND< 10	ND< 10	ND< 100	ND< 50	ND< 2
1,2-Dibromoethane	0.0006	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
1,2-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
1,2-Dichloroethane	0.6	ND< 500	13 J	ND< 50	ND< 120	ND< 1000	27 J	ND< 1000	ND< 500	ND< 500	ND< 120	17	7.9	16	ND< 50	ND< 50	3.5
1,2-Dichloropropane	1	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
1,3-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
1,4-Dichlorobenzene	3	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
2-Butanone	50*	ND< 500	ND< 100	ND< 100	ND< 250	ND< 2000	ND< 100	ND< 2000	ND< 1000	200 J	55 J	ND< 10	ND< 10	ND< 10	ND< 100	ND< 50	ND< 2
2-Hexanone	50*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	2.4 J,B	ND< 5	ND< 50	ND< 50	ND< 0.5
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 1000	ND< 100	ND< 100	ND< 250	ND< 2000	ND< 100	ND< 2000	ND< 1000	ND< 1000	ND< 250	ND< 10	ND< 10	ND< 10	ND< 100	ND< 50	ND< 0.5
Acetone	50*	ND< 1000 J	ND< 10 B	ND< 100	8.4	ND< 2000	210 B	14 B	6.5 J,B	690 J	ND< 250	870 J	76	ND< 500	ND< 100	240 CCV-E, B	ND< 2
Benzene	1	ND< 500	9.7 J	ND< 50	ND< 120	ND< 1000	18 J	ND< 1000	ND< 500	ND< 500	ND< 120	24	9.5	17	ND< 50	ND< 50	3.8
Bromochloromethane	5	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
Bromodichloromethane	50*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Bromoform	50*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	21	1.9 J	ND< 5	ND< 50	ND< 50	ND< 0.5
Bromomethane	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Carbon disulfide	60*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	28	1.5 J	ND< 5	ND< 50	ND< 50	ND< 0.5
Carbon tetrachloride	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	83	25 J	4.4
Chlorobenzene	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	1.4 J	ND< 5	0.99 J	ND< 50	ND< 50	ND< 0.5
Chloroethane	5	250 J	410	310	110	ND< 1000	1,400	1,300	1,500	1,000	ND< 120	1,900	890	1,300	1,400	740	280
Chloroform	7	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	2.6 J	1.6 J	ND< 50	ND< 50	ND< 0.5
Chloromethane	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
cis-1,2-Dichloroethylene	5	2,600 J	3,700	880 J	1,800	4,600	15,000	16,000	20,000	22,000	21,000	22,000	9,900	15,000	9,400 HT-01R	6,300	1,300
cis-1,3-Dichloropropylene	0.4*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Cyclohexane	NS	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
Dibromochloromethane	50*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Dichlorodifluoromethane	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	26 J	ND< 1000	ND< 500	ND< 500	ND< 120	60	35	43	40 J	ND< 50	24
Ethyl Benzene	5	420 J	170	100	39	72 J	310	ND< 1000	320 J	220 J	140	170	84	130	180	48 J	18
Isopropylbenzene	5	ND< 500	9.1 J	5.7 J	ND< 120	ND< 1000	9.8 J	ND< 1000	ND< 500	ND< 500	ND< 120	5.3	2.8 J	4.4 J	ND< 50	ND< 50	1.2
Methyl acetate	NS	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	ND< 0.5
Methyl tert-butyl ether (MTBE)	10*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Methylcyclohexane	NS	na	na	na	na	na	na	na	na	na	na	na	na	na	na	ND< 50	4.9
Methylene chloride	5	ND< 660	1.2 B,J	13 B,J	4.2	ND< 2000	34 J,B	11 B	5.4 J,B	580 J	ND< 250	9.1 J	3.4 J	4.6 J	ND< 100	ND< 200	1.2 J
o-Xylene	5	810 J	620	250	49	130 J	780	360 J	800	600	350	360 J	180	280	450	150	29
p- & m- Xylenes	5	2,400 J	1,500	240 J	110	320 J	1,700	770 J	1,900	1,400	860	960 J	380	720	1100	280	14
Styrene	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Tetrachloroethylene	5	12,000 J	9,100	3,500	1400	2500	15,000	5,500	19,000	10,000	3,900	2,300	680	430	1300	280	76
Toluene	5	920 J	650	270	84	150 J	830	510 J	1,100	770	440	540	250	410	570	140	35
trans-1,2-Dichloroethylene	5	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	19 J	ND< 1000	ND< 500	ND< 500	ND< 120	160	5.9	12	ND< 50	ND< 50	4.9
trans-1,3-Dichloropropylene	0.4*	ND< 500	ND< 50	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	ND< 5	ND< 5	ND< 5	ND< 50	ND< 50	ND< 0.5
Trichloroethylene	5	320 J	990	360	110	540 J	2,600	560 J	1,400	680	210	280 J	490	630	1200	300	89
Trichlorofluoromethane (freon 11)	5	94 J	18 J	ND< 50	ND< 120	ND< 1000	ND< 50	ND< 1000	ND< 500	ND< 500	ND< 120	9.3	1.4 J	5.5 J	ND< 50	ND< 50	1.4
Vinyl Chloride	2	ND< 500	16 J	13 J	ND< 120	ND< 1000	200	320 J	120 J	150 J	310	1,200	1,500	2,000	1800	1100	480
Total VOC concentration	NS	32,264.0	22,867.0	7,121.7	14,344.6	11,352.0	44,423.0	29,865.0	58,151.9	45,390.0	30,515.0	35,791.4	16,436.2	24,329.2	20,133.0	11,233.0	2,838.6
Total CVOC concentration	NS	27,714.0	19,908.2	6,256.0	14,054.2	10,680.0	40,565.2	28,211.0	54,025.4	41,510.0	28,670.0	32,813.1	15,448.1	22,767.8	17,833.0	10,375.0	2,732.7
Total Petro-VOC concentration	NS	4,550.0	2,958.8	865.7	282.0	672.0	3,647.8	1,640.0	4,120.0	2,990.0	1,790.0	2,059.3	906.3	1,561.4	2,300.0	618.0	101.0
Other VOC concentration	NS	0.0	0.0	0.0	8.4	0.0	210.0	14.0	6.5	890.0	55.0	919.0	81.8	0.0	0.0	240.0	4.9
Location of screen	Just beneath water table (242.5' - 232.5' amsl)																

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval)	6 NYCRR Part 703.5	MW30															
		FRMW-MW30-X20 (10-20')															
		12/15/14	03/17/15	06/25/15	09/16/15	11/30/15	03/03/16	05/26/16	09/29/16	10/31/16	12/1/2016	3/28/2017	6/28/2017	9/29/2017	12/11/2017	3/29/2018	6/13/2018
Sample Date	14L0667-05	15C0563-08	15F1052-10	15I0617-05	15L0018-05	16C0192-05	16E1165-07	16I1131-03	16K0022-03	16L0074-03	17C1158-05	17F1193-09	17J0005-06	17L0427-03	18C1190-05	18F0674-06	
Lab Sample ID	239.79	240.08	241.00	240.54	240.53	242.07	241.53	242.87	242.92	241.89	242.31	241.66	240.75	240.95	242.02	242.18	
Groundwater Elevation (ft.)	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Analyte																	
1,1,1-Trichloroethane	5	35	27.0	42	26	33	24	21	16	15	20	12	20	12	11	6.9	ND< 10
1,1,2,2-Tetrachloroethane	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,1,2-Trichloroethane	1	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,1-Dichloroethane	5	530	160	360	370 D	390	320 D	240	250	230	260	150	150	170	240	170	160
1,1-Dichloroethylene	5	61	20.0	63	61	66	61	55	41	44	38	36	49	52	27	22	15 J
1,2,3-Trichlorobenzene	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,2,4-Trichlorobenzene	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,2-Dibromo-3-chloropropane	0.04	ND< 0.5	ND< 2	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	260	ND< 0.20	ND< 0.20	ND< 10
1,2-Dibromoethane	0.0006	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,2-Dichlorobenzene	3	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,2-Dichloroethane	0.6	ND< 0.5	2.5	2.1	2.1	1.3	ND< 0.2	1.5	1.3	ND< 0.20	ND< 1	0.86	ND< 4.0	ND< 2.0	1.2	1.1	ND< 10
1,2-Dichloropropane	1	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,3-Dichlorobenzene	3	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
1,4-Dichlorobenzene	3	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
2-Butanone	50*	ND< 0.5	ND< 2	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.8	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
2-Hexanone	50*	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Acetone	50*	ND< 2	ND< 2	ND< 2	ND< 1	1.5 J	ND< 1	2.2 SCAL-E	ND< 1	ND< 1	ND< 5	1.1 SCAL-E	30 J	13 J	ND< 1.0	ND< 1.0	ND< 50
Benzene	1	4.2	3.1	3	3.2	2.6	2.1	2.5	2.1	1.9	1.8 J	1.4	ND< 4.0	ND< 2.0	1.5	1.6	ND< 10
Bromochloromethane	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Bromodichloromethane	50*	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Bromoform	50*	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Bromomethane	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Carbon disulfide	60*	ND< 0.5	ND< 0.5	ND< 0.5	0.35 J	ND< 0.2	0.72	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Carbon tetrachloride	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Chlorobenzene	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Chloroethane	5	370	140	230	270 D	180	180 D	130	160	120	120 CCV-E	94	55	97	150	130	150
Chloroform	7	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	0.22 J	ND< 0.20	ND< 0.20	ND< 1	ND< 0.2	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Chloromethane	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	3.1	ND< 1	ND< 0.2	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
cis-1,2-Dichloroethylene	5	1600	1400	1200	1300 D	1200	1100 D	830	780	860	760	490	460	440	580	360	310
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Cyclohexane	NS	ND< 0.5	ND< 0.68	ND< 0.5	ND< 0.2	ND< 0.2	0.45 J	ND< 0.5	ND< 0.20	0.20 J	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	0.29 J	ND< 10
Dibromochloromethane	50*	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Dichlorodifluoromethane	5	24	22 ICV-E	32	46	55	44 D	32	30	33	20	23	52	42	35	28	ND< 10
Ethyl Benzene	5	14	16.0	11	9.6	10	6.7	5.6	4.7	3.6	3.40	2.6	ND< 4.0	ND< 2.0	2.2	2.8	ND< 10
Isopropylbenzene	5	0.7	0.96	0.72	0.61	0.81	0.51	0.43 J	0.33 J	0.29 J	ND< 1	0.23 J	ND< 4.0	ND< 2.0	0.23 J	0.29 J	ND< 10
Methyl acetate	NS	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Methyl tert-butyl ether (MTBE)	10*	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Methylcyclohexane	NS	ND< 0.5	4.1	3.4	1.90	3.70	2.40	2.8	1.7	ND< 0.20	1.6 J	1.6	ND< 4.0	ND< 2.0	1.4	ND< 0.20	ND< 10
Methylene chloride	5	2.8 B	ND< 2	ND< 2	ND< 1	ND< 1	ND< 1	ND< 0.5	ND< 1	ND< 1	ND< 5	ND< 1.0	ND< 20	ND< 10	ND< 1.0	ND< 1.0	ND< 50
o-Xylene	5	24	14.00	14	13	12	10	8.9	8.6	6.7	6.4	5.0	ND< 4.0	2.9 J	3.7	5.2	ND< 10
p- & m- Xylenes	5	17	10.0	8.8	10	8.1	5.4	4.6	4.9	3.0	2.8 J	2.0	ND< 10	ND< 5.0	1.8	2.3	ND< 25
Styrene	5	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Tetrachloroethylene	5	48	66 SCAL-E	100	110	120	92 D	73 CCV-E	44 CCV-E	59 CCV-E, ICV-E	85 SCAL-E	110 SCAL-E	130	75 B	43	32	21 QL-02, J
Toluene	5	32	22.00	18	23	15	11	13	12	8.2	7.8	ND< 4.0	5.0	4.4	5.9	ND< 10	
trans-1,2-Dichloroethylene	5	2.3	3.40	12	49	12	15	6.6	12	10	1.4 J	11	ND< 4.0	ND< 2.0	5.6	2.6	ND< 10
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.5	ND< 0.5	ND< 0.5	ND< 0.2	ND< 0.2	ND< 0.2	ND< 0.5	ND< 0.20	ND< 0.20	ND< 1	ND< 0.20	ND< 4.0	ND< 2.0	ND< 0.20	ND< 0.20	ND< 10
Trichloroethylene	5	61	89.0	170	280 D	540	420 D	320	260	270	400.0 D	240	470	410	420	380	320 QL-02
Trichlorofluoromethane (freon 11)	5	ND< 0.5	ND< 0.5	11	4.9	8.3	6.0	6.3	ND< 0.20	4.8	5.0 D	3.9	9.8 J	4.5 J	4.3	2.3	ND< 10
Vinyl Chloride	2	610	290.00	320	550 D	420	350 D	280	330	240 CCV-E	240	ND< 10	79	140	260	140	160 CCV-E
Total VOC concentration	NS	3,436.0	2,268.1	2,601.0	3,130.7	3,079.3	2,651.3	2,035.7	1,958.6	1,912.8	1,973.2	1,191.5	1,504.8	1,723.4	1,792.3	1,293.3	1,136.0
Total CVOC concentration	NS	3,344.1	2,197.9	2,542.1	3,069.												

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval)	6 NYCRR Part 703.5	MW30 FRMW-MW30-X20 (10-20')											
		9/6/2018	12/6/2018	3/5/2019	6/11/2019	9/17/2019	12/17/2019	3/16/2020	6/11/2020	8/27/2020	12/14/2020	3/12/2021	3/12/2021 (duplicate)
		18I0297-03	18L0310-03	19C0144-03	19F0430-10	19I0905-04	19L0806-04	20C0746-03	20F0477-10	20H1134-04	20L0785-04	21C0753-05	21C0753-08
Sample Date		242.34	243.95	244.02	239.28	240.57	242.62	242.23	242.46	243.46	242.49	243.55	243.55
Lab Sample ID													
Groundwater Elevation (ft.)													
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	3.8	5.7	11	7.9	54	160	25	18	7.6	6.1	8.7	8.8
1,1,2,2-Tetrachloroethane	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	0.63	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	1.6	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	160	150	160	82	290	130	210	250	250	180	240	260
1,1-Dichloroethylene	5	11	19	22	18	86	23	29 ICV-E	30	24	ND< 0.20	35	36
1,2,3-Trichlorobenzene	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	1	0.72 J	0.78 J	0.34 J	2.9	ND< 2.5	2.4	2.6	2.8 J	3.4	3.8	3.9
1,2-Dichloropropane	1	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20	ND< 0.20
2-Butanone	50*	30	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 5.0	ND< 0.20	ND< 0.20	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Acetone	50*	ND< 2.0	ND< 2.0	ND< 2.0	ND< 1.00	1.8 CCV-E,J	ND< 5.0	ND< 1.0	ND< 1.0	ND< 2.5	1.7 J	ND< 1	ND< 1
Benzene	1	1.4	1.1	1.3	0.46 J	2.8	ND< 2.5	1.7	1.9	ND< 2.5	2.7	2.6	2.8
Bromochloromethane	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Bromomethane	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Carbon disulfide	60*	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	0.71	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Carbon tetrachloride	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Chloroethane	5	130	98	84	35	130 CCV-E	61	120 ICV-E	140	ND< 250	170	190	190
Chloroform	7	2.9	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Chloromethane	5	ND< 0.40	ND< 0.40	ND< 0.40	6.3	ND< 0.20	ND< 2.5	ND< 0.20	0.25 CCV-E, QL-02, J	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
cis-1,2-Dichloroethylene	5	280	360	410	220	1,700	790	1,300	1,700	NA	1,100	1,500	1,500
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Cyclohexane	NS	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	0.30 CCV-E, QL-02, J	ND< 2.5	na	0.81	0.84
Dibromochloromethane	50*	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	25	18	20	30	5.8 CCV-E	13	7.6	10 QL-02	4.0 J	6.9 CCV-E	13 QL-02, CCV-E, ICV-E	13 QL-02, CCV-E, ICV-E
Ethyl Benzene	5	1.7	1.3	2	2.4	5.0	ND< 2.5	2.1	1.4	ND< 2.5	1.4	1.7	1.8
Isopropylbenzene	5	ND< 0.40	ND< 0.40	ND< 0.40	0.46 J	1.8	ND< 2.5	0.65	0.64	ND< 2.5	0.44 J	0.57	0.55
Methyl acetate	NS	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.20	ND< 0.20
Methylcyclohexane	NS	0.96 J	0.96 J	1.2	1.2	9.0	ND< 2.5	3.2	2.5	ND< 5.0	na	5.1	5.1
Methylene chloride	5	ND< 2.0	ND< 2.0	ND< 2.0	ND< 0.20	ND< 1.0	ND< 2.5	ND< 0.20	ND< 1.0	ND< 2.5	1.6 J	1.6 J, B	1.3 J, B
o-Xylene	5	3.9	2.8	3.7	1.4	7.1	5.6	5.6	5.9	3.9 J	6.8	6.2	6.5
p- & m- Xylenes	5	1.6 J	1.0 J	2.2	0.76 J	3.1	ND< 2.5	1.7	1.9	ND< 2.5	2.3	1.9	2.0
Styrene	5	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2	ND< 0.2
Tetrachloroethylene	5	15	25	44	71	210 CCV-E	220	240	260	ND< 250	110	210	200
Toluene	5	4.3	4.8	7.1	1.2	17	3.5 J	9.4	7.8	10	8.6	8.9	9.8
trans-1,2-Dichloroethylene	5	1.2	0.9 J	3.2	4.8	83	55	6.2	38	6.3	32	19	15
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.40	ND< 0.40	ND< 0.40	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2	ND< 0.2
Trichloroethylene	5	310	200	240	260	250	130	130	120	ND< 250	130	190	200
Trichlorofluoromethane (freon 11)	5	ND< 0.40	ND< 0.40	3.1	1.8	ND< 0.20	6.3	ND< 0.20	0.53	ND< 2.5	0.35 J	ND< 0.2	ND< 0.2
Vinyl Chloride	2	140	89	61	87	250	120	340	660	450	550	880 CCV-E	920 CCV-E
Total VOC concentration	NS	1,123.8	978.3	1,076.6	832.0	3,109.9	1,717.4	2,434.6	3,252.4	758.6	2,315.9	3,318.8	3,377.4
Total CVOC concentration	NS	1,079.9	966.3	1,059.1	824.1	3,062.3	1,708.3	2,410.2	3,229.4	744.7	2,292.0	3,291.1	3,348.0
Total Petro-VOC concentration	NS	12.9	11.0	16.3	6.7	36.8	9.1	21.2	19.5	13.9	22.2	21.8	23.5
Other VOC concentration	NS	31.0	1.0	1.2	1.2	10.8	0.0	3.2	3.5	0.0	1.7	5.9	5.9
Location of screen		Just beneath water table (242.5' - 232.5' amsl)											

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW32
		FRMW-MW32-X25 (15-25')
		3/12/2021
		21C0753-06
		238.79
Analyte	ppb	ppb
1,1,1-Trichloroethane	5	820
1,1,2,2-Tetrachloroethane	5	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.20
1,1,2-Trichloroethane	1	0.62
1,1-Dichloroethane	5	32
1,1-Dichloroethylene	5	38
1,2,3-Trichlorobenzene	5	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.20
1,2-Dichloroethane	0.6	0.43 J
1,2-Dichloropropane	1	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.20
2-Butanone	50*	ND< 0.20
2-Hexanone	50*	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.20
Acetone	50*	1.0 J
Benzene	1	ND< 0.20
Bromochloromethane	5	ND< 0.20
Bromodichloromethane	50*	ND< 0.20
Bromoform	50*	ND< 0.20
Bromomethane	5	ND< 0.20
Carbon disulfide	60*	ND< 0.20
Carbon tetrachloride	5	ND< 0.20
Chlorobenzene	5	ND< 0.20
Chloroethane	5	ND< 0.20
Chloroform	7	ND< 0.20
Chloromethane	5	ND< 0.20
cis-1,2-Dichloroethylene	5	470
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20
Cyclohexane	NS	0.42 J
Dibromochloromethane	50*	ND< 0.20
Dichlorodifluoromethane	5	0.33 J, QL-02, CCV-E, ICV-E
Ethyl Benzene	5	ND< 0.20
Isopropylbenzene	5	ND< 0.20
Methyl acetate	NS	ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	0.55
Methylcyclohexane	NS	0.29 J
Methylene chloride	5	ND< 1
o-Xylene	5	ND< 0.20
p- & m- Xylenes	5	ND< 0.50
Styrene	5	ND< 0.20
Tetrachloroethylene	5	1,700
Toluene	5	ND< 0.20
trans-1,2-Dichloroethylene	5	1.2
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20
Trichloroethylene	5	35
Trichlorofluoromethane (freon 11)	5	2.8 QL-02, CCV-E
Vinyl Chloride	2	0.34 J, CCV-E
Total VOC concentration	NS	3,102.98
Total CVOC concentration	NS	3,100.72
Total Petro-VOC concentration	NS	0.55
Other VOC concentration	NS	1.7
	Location of screen	Just beneath water table (237.5' - 227.5' amsl)

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx depth to well bottom) (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW33 FRMW-MW33- X25 (15-25')									
		12/6/2018	3/5/2019	6/11/2019	9/17/2019	12/17/2019	3/16/2020	6/11/2020	8/27/2020	12/14/2020	3/12/2021
		18L0310-01	19C0144-01	19F0430-13	19I0905-06	19L0806-07	20C0746-01	20F0477-13	20H1134-06	20L0785-06	21C0753-07
		238.83	239.44	239.78	238.96	239.04	239.29	239.40	240.40	238.78	238.71
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	0.27 J	1.6	0.72	0.87	ND< 2.5	3.5	ND< 0.20	ND< 2.5	0.51	0.52
1,1,2,2-Tetrachloroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,1,2-Trichloroethane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,1-Dichloroethane	5	65	57	26	34	120	10	10	9.1	62	29
1,1-Dichloroethylene	5	4.1	5.9	4.1	4.5	7.8	0.61 ICV-E	0.77	ND< 2.5	2.2	2.3
1,2,3-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
1,2,4-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,2-Dibromo-3-chloropropane	0.04	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,2-Dibromoethane	0.0006	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,2-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
1,2-Dichloroethane	0.6	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,2-Dichloropropane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
1,3-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
1,4-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	0.30 J	ND< 2.5	0.30 SCAL-E, J	0.20 J	ND< 2.5	na	0.22 J
2-Butanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
2-Hexanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 5.0	ND< 0.2	ND< 0.2
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Acetone	50*	ND< 1.0	ND< 1.0	ND< 1.0	ND< 1.0	ND< 5.0	ND< 1.0	ND< 1.0	ND< 2.5	1.9 J	ND< 1
Benzene	1	0.35 J	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	0.24 J	0.30 J
Bromochloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
Bromodichloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Bromoform	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Bromomethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Carbon disulfide	60*	ND< 0.20	1.1	ND< 0.20	0.62	ND< 2.5	ND< 0.20	0.20 J	ND< 2.5	ND< 0.2	ND< 0.2
Carbon tetrachloride	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Chlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Chloroethane	5	1.600	2.9	1.7 CCV-E	0.91	ND< 2.5	0.63 ICV-E	0.48 J	ND< 2.5	0.79	ND< 0.2
Chloroform	7	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Chloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
cis-1,2-Dichloroethylene	5	9.3	15	8.2	14	19	1.9	1.7	ND< 2.5	8.3	13
cis-1,3-Dichloropropylene	0.4*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Cyclohexane	NS	ND< 0.20	ND< 0.20	ND< 0.20	0.27 J	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
Dibromochloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Dichlorodifluoromethane	5	1.4	3.5	4.2	11 CCV-E, ICV-E	6.6	0.63 ICV-E	0.56 ICV-E, QL-02	ND< 2.5	1.2	1.7 ICV-E, QL-02, CCV-E
Ethyl Benzene	5	ND< 0.20	0.36 J	0.20 J	2.0	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Isopropylbenzene	5	0.27 J	0.58	0.35 J	0.54	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Methyl acetate	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	na	ND< 0.2
Methyl tert-butyl ether (MTBE)	10*	ND< 0.20	ND< 0.20	ND< 0.20	0.22 J	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Methylcyclohexane	NS	0.25 J	0.66	0.39 J	0.90	ND< 2.5	ND< 0.20	ND< 0.20	ND< 5.0	na	ND< 0.2
Methylene chloride	5	ND< 1.0	ND< 1.0	ND< 1.0	ND< 1.0	ND< 2.5	ND< 1.0	ND< 1.0	ND< 2.5	ND< 1	ND< 1
o-Xylene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
p- & m- Xylenes	5	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 5.0	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.5	ND< 0.5
Styrene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Tetrachloroethylene	5	14	25	20	39 CCV-E	33	12	8.8	7.7	7.5	7.6
Toluene	5	ND< 0.20	0.53	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
trans-1,2-Dichloroethylene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
trans-1,3-Dichloropropylene	0.4*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.2	ND< 0.2
Trichloroethylene	5	4.3	6.2	3.8	7.2	9.2	3.0	1.4	ND< 2.5	1.2	1.5
Trichlorofluoromethane (freon 11)	5	ND< 0.20	4.7	6.5	18	9.8	ND< 0.20	ND< 0.20	ND< 2.5	0.23 J	0.32 J, QL-02, CCV-E
Vinyl Chloride	2	0.310 J	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2.5	ND< 0.20	ND< 0.20	ND< 2.5	0.22 J	0.22 J, CCV-E
Total VOC concentration	NS	101.15	125.03	76.16	134.33	205.40	32.57	24.11	16.80	86.29	56.68
Total CVOC concentration	NS	100.28	121.80	75.22	129.78	205.40	32.57	23.91	16.80	84.15	56.38
Total Petro-VOC concentration	NS	0.62	1.47	0.55	2.76	0.00	0.00	0.00	0.00	0.24	0.30
Other VOC concentration	NS	0.25	1.76	0.39	1.79	0.00	0.00	0.20	0.00	1.90	0.00
	Location of screen	Just beneath water table (237.5' - 227.5' amsl)									

HVE/SVE Data Summary Tables:

Table 1 - HVE System Water Influent/Effluent Monitoring

Table 2 - SVE System Air Influent/Effluent Monitoring

Table 3 - HVE/SVE System Mass Removal Calculations

Chart showing vapor phase effluent

Charts showing VOC mass removal

Table 1
HVE/SVE IRM Monitoring for 136 Fuller Road BCP Site C40155

HVE Water Influent/Effluent Monitoring

Where 453.59 grams total VOCs = 1 pound total VOCs

Date	1/12/12	2/27/12	3/30/12	4/26/12	5/30/12	7/10/12	8/16/12	10/17/12	11/27/12	12/18/12	2/12/13	3/27/13	5/1/13	5/21/13	6/18/13	7/29/13	8/20/13	9/24/13	10/29/2013	1/7/2014	4/29/2014
Month	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st
Water Intake Flow Rate (Gal/min)	0.72	0.74	0.43	0.32	0.8	0.34	0.25	0.45	0.27	0.23	0.24	0.26	0.41	0.2	0.7	0.29	0.16	0.18	0.17	0.3	0.4
Water Intake Flow Rate (Gal/day)	1,037	1,066	619	461	1,152	490	360	648	389	331	346	374	590	288	1,008	418	230	259	245	432	576
Water Influent Total VOCs (ug/L)	486.2	671.1	484.1	1,022.0	610.9	154.69	74	86	315.1	75	20.8	10.0	21.3	21.9	21.1	78.4	64.2	125.2	112.95	647.23	127.71
Convert Total VOCs to g/L	0.0004862	0.0006711	0.0004841	0.001022	0.0006109	0.00015469	0.000074	0.000086	0.0003151	0.0000754	0.00002075	0.00001	0.0000213	0.0000219	0.0000211	0.00007842	0.00006421	0.00012519	0.00011295	0.00064723	0.00012771
Convert Total VOCs to g/gal	0.00184	0.00254	0.00183	0.00387	0.00231	0.00059	0.00028	0.00033	0.00119	0.00029	0.00008	0.00004	0.00008	0.00008	0.00008	0.00030	0.00024	0.00047	0.00043	0.00245	0.00048
Convert Total VOCs to g/day	1.91	2.71	1.13	1.78	2.66	0.29	0.1008	0.21	0.46	0.09	0.03	0.01	0.05	0.02	0.08	0.12	0.06	0.12	0.10	1.06	0.28
Convert Total VOCs to pounds/day	0.0042	0.0060	0.0025	0.0039	0.0059	0.0006	0.0002	0.0005	0.0010	0.0002	0.0001	0.0000	0.0001	0.0001	0.0002	0.0003	0.0001	0.0003	0.0002	0.0023	0.0006
Water Effluent Total VOCs (ug/L)	2.2	126	30.99	32.6	14.3	38.25	22.5	11.1	23.2	14.67	0	7.2	18.4	10	11	56.72	52.7	77.19	76.5	464.31	47.8
Water Effluent Total VOCs (mg/L)	0.0022	0.126	0.03099	0.0326	0.0143	0.03825	0.0225	0.0111	0.0232	0.01467	0	0.0072	0.0184	0.01	0.011	0.05672	0.0527	0.07719	0.0765	0.46431	0.0478
Water Effluent Action Level (mg/L)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Is effluent less than Action level?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Lab Report #	12AO397	12B0885	12D0015	12D0895	12E0957	12G0304	12H0617	12J0712	12K0799	12L0712	13B0330	13C0830	13E0185	13E0809	13F0662	SB74049	SB75465	SB77412	SB79396	SB82930	SB88499
Acetone Influent																				290	
Acetone Effluent																					205

Date	5/21/2014	6/30/2014	7/24/2014	8/28/2014	9/17/2014	10/22/2014	11/18/2014	12/18/2014	2/5/2015	2/25/2015	3/19/2015	4/16/2015	5/27/2015	6/26/2015	7/20/2015	8/24/2015	9/30/2015	10/22/2015	11/24/2015	12/14/2015	1/29/2016
Month	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st	32nd	33rd	34th	35th	36th	37th	38th	39th	40th	41st	42nd
Water Intake Flow Rate (Gal/min)	0.5	0.45	0.42	0.3	0.1	0.3	0.33	0.49	0.3	0.25	0.3	0.3	0.4	0.35	0.2	0.2	0.16	0.39	0.15	0.05	0.10
Water Intake Flow Rate (Gal/day)	720	648	605	432	144	432	475	706	432	360	432	432	576	504	288	288	230	562	216	72	144
Water Influent Total VOCs (ug/L)	103.75	183.94	21.43	139.90	100.80	124.70	144.40	162.00	171.70	136.20	211.70	159.40	175.1	84.6	122.40	107.20	139.9	30.9	105.0	91.0	
Convert Total VOCs to g/L	0.00010375	0.00018394	0.00002143	0.0001399	0.0001008	0.0001247	0.0001444	0.000162	0.0001717	0.0001362	0.0002117	0.0001594	0.0001751	0.0000846	0.0001224	0.0001072	0.0001399	0.0000309	0.000105	0.000091	
Convert Total VOCs to g/gal	0.00039	0.00070	0.00008	0.00053	0.00038	0.00047	0.00055	0.00061	0.00065	0.00052	0.00080	0.00060	0.00066	0.00032	0.00046	0.00041	0.00053	0.00012	0.00040	0.00034	
Convert Total VOCs to g/day	0.28	0.45	0.05	0.23	0.05	0.20	0.26	0.43	0.28	0.19	0.35	0.26	0.38	0.16	0.13	0.12	0.12	0.07	0.09	0.02	
Convert Total VOCs to pounds/day	0.0006	0.0010	0.0001	0.0005	0.0001	0.0004	0.0006	0.0010	0.0006	0.0004	0.0008	0.0006	0.0008	0.0004	0.0003	0.0003	0.0003	0.0001	0.0002	0.00005	
Water Effluent Total VOCs (ug/L)	81.44	129.86	0.46	108.2	68.4	85.4	84.5	190.3	151.2	115	94.5	111.5	164.1	87.6	81.9	78.1	79.49	158.8	126.28	4.98	
Water Effluent Total VOCs (mg/L)	0.08144	0.12986	0.00046	0.1082	0.0684	0.0854	0.0845	0.1903	0.1512	0.115	0.0945	0.1115	0.1641	0.0876	0.0819	0.0781	0.07949	0.1588	0.12628	0.00498	
Water Effluent Action Level (mg/L)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Is effluent less than Action level?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Lab Report #	SB89843	SB92147	SB93627	SB95582	SB96637	SB98604	SB99964	SC01703	SC03107	SC03777	SC04582	SC06223	SC07980	SC09404	SC10337	SC110901	L1524595	L1527088	L1531077	L1532980	
Acetone Influent	ND	11.2	ND	4.8	ND	ND	5.4		4.5			6.5	ND	ND	8.4	ND	8.6	9.5	14	14	12
Acetone Effluent	5.46	12.4	ND	ND	ND	ND	ND		4.3			ND	5.2	ND	ND	ND	3.6	12	14	2.4	

Date	2/8/2016	3/17/2016	4/15/2016	5/25/2016	6/21/2016	7/22/2016	8/19/2016	11/7/2016	12/15/2016	1/13/2017	3/7/2017	3/29/2017	4/28/2017	5/23/2017	6/21/2017	7/10/2017	8/24/2017	9/26/2017	10/27/2017	11/28/2017	12/20/2017
Month	43rd	44th	45th	46th	47th	48th	49th	50th	51st	52nd	53rd	54th	55th	56th	57th	58th	59th	60th	61st	62nd	63rd
Water Intake Flow Rate (Gal/min)	0.08	0.07	0.07	0.08	0.09	0.01	0.03	0.52	0.21	0.54	0.70	0.73	0.12	0.55	1.15	0.96	0.66	0.41	0.49	0.53	0.29
Water Intake Flow Rate (Gal/day)	115	101	101	115	130	14	43	749	302	778	1,008	1,051	173	792	1,656	1,382	950	590	706	763	418
Water Influent Total VOCs (ug/L)	121.16	107.58	133	106	13.6	154	121	197	104	192	177	181	15.3	25.9	146.4	146	81	146	110.91	17.68	14.94
Convert Total VOCs to g/L	0.00012116	0.00010758	0.00013258	0.00010626	0.00001361	0.00015397	0.00012146	0.000197	0.000104	0.000192	0.00017705	0.00018087	0.0000153	0.0000259	0.0001464	0.000146	0.000081	0.000146	0.00011091	0.00001768	0.00001494
Convert Total VOCs to g/gal	0.00046	0.00041	0.00050	0.00040	0.00005	0.00058	0.00046	0.00075	0.00039	0.00073	0.00067	0.00068	0.00006	0.00010	0.00055	0.00055	0.00031	0.00055	0.00042	0.00007	0.00006
Convert Total VOCs to g/day	0.05	0.04	0.05	0.05	0.01	0.01	0.02	0.56	0.12	0.57	0.68	0.72	0.01	0.08	0.92	0.76	0.29	0.33	0.30	0.05	0.02
Convert Total VOCs to pounds/day	0.0001	0.0001	0.0001	0.0001	0.00001	0.00002	0.00004	0.0012	0.00026	0.00125	0.00149	0.00159	0.00002	0.00017	0.00202	0.00168	0.00064	0.00072	0.00065	0.00011	0.00005
Water Effluent Total VOCs (ug/L)	65.53	89.13	99	85	3.8	141	91	156	90	90	125	125	13.6	83.8	117	123	101	116	103.8	1.6	3.3
Water Effluent Total VOCs (mg/L)	0.066	0.089	0.099	0.085	0.004	0.141	0.091	0.156	0.090	0.090	0.125	0.125	0.014	0.084	0.117	0.123	0.101	0.116	0.104	0.002	0.003
Water Effluent Action Level (mg/L)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Is effluent less than Action level?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Lab Report #	L1603267	L1607820	L1611122	L1615834	L1618980	L162297	L1623002	L1635988	L1640994	L1701302	L1707009	L1709490	L1713879	L1716786	L1721098	L1723321	L1729885	L1734324	L1739192	L1743449	L1747097
Acetone Influent	9.8	4.8		1.6	3	5.9	4.1	4.2	3.7	3.5	16	20	6.2	15	2.1	0	0	2.3	0	1.5	3
Acetone Effluent	5.1	4.7		1.6	3.5	8.1	6.9	4.3	nd	4.3	15	14	13	18	17	3.0	0	4.2	0	0	2.1

Table 1
HVE/SVE IRM Monitoring for 136 Fuller Road BCP Site C40155

HVE Water Influent/Effluent Monitoring

Where 453.59 grams total VOCs = 1 pound total VOCs

Date	1/25/2018	2/26/2018	3/15/2018	4/25/2018	6/29/2018	8/13/2018	9/20/2018	10/26/2018	11/29/2018	12/18/2018	1/16/2019	5/28/2019	6/21/2019	8/28/2019	9/27/2019	10/30/2019	11/29/2019	12/21/2019	1/24/2020	2/26/2020	3/25/2020
Month	64th	65th	66th	67th	68th	69th	70th	71st	72nd	73rd	74th	75th	76th	77th	78th	79th	80th	81st	82nd	83rd	84th
Water Intake Flow Rate (Gal/min)	0.39	0.54	0.50	0.32	1.31	0.11	1.21	2.04	0.58	0.18	0.06	0.06	0.33	0.1	0.97	1.07	0.9	0.91	0.97	0.96	0.85
Water Intake Flow Rate (Gal/day)	562	778	720	461	1,886	158	1,742	2,938	835	259	86	86	475	144	1,397	1,541	1,296	1,310	1,397	1,382	1,224
Water Influent Total VOCs (ug/L)	169	135	121	144	113	1057.9	23.36	216.28	28.39	154.56	130	22.4	39.06	550.41	713.33	333.75	277.22	206.52	162.79	158.72	175.52
Convert Total VOCs to g/L	0.000169	0.000135	0.000121	0.000144	0.000113	0.0010579	0.00002336	0.00021628	0.00002839	0.00015456	0.00013	0.0000224	0.00003906	0.00055041	0.00071333	0.00033375	0.00027722	0.00020652	0.00016279	0.00015872	0.00017552
Convert Total VOCs to g/gal	0.00064	0.00051	0.00046	0.00055	0.00043	0.00400	0.00009	0.00082	0.00011	0.00059	0.00049	0.00008	0.00015	0.00208	0.00270	0.00126	0.00105	0.00078	0.00062	0.00060	0.00066
Convert Total VOCs to g/day	0.36	0.40	0.33	0.25	0.81	0.63	0.15	2.40	0.09	0.15	0.04	0.01	0.07	0.30	3.77	1.95	1.36	1.02	0.86	0.83	0.81
Convert Total VOCs to pounds/day	0.00079	0.00088	0.00073	0.00055	0.00178	0.00140	0.00034	0.00530	0.00020	0.00033	0.00009	0.00002	0.00015	0.00066	0.00831	0.00429	0.00300	0.00226	0.00190	0.00183	0.00179
Water Effluent Total VOCs (ug/L)	89	106	93	145	94	369.15	75.91	157.17	95.84	89.91	86	12	15	246.79	563.2	325.92	267.49	225.05	167.94	154.24	160.42
Water Effluent Total VOCs (mg/L)	0.089	0.106	0.093	0.145	0.094	0.369	0.076	0.157	0.096	0.090	0.086	0.012	0.015	0.247	0.563	0.326	0.267	0.225	0.168	0.154	0.160
Water Effluent Action Level (mg/L)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Is effluent less than Action level?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Lab Report #	L1802725	L1806659	L1808842	L1814557	L1824901	L1831547	L1837649	L1843845	L1848801	L1852210	L1901994	L1922357	L1927473	L1939079	L1944854	L1951280	L1957591	L1961346	L2003460	L2008431	L2013277
Acetone Influent	3.5 J	4.0 J	3.2 J	2.8 J	2.5 J	4.2 J	6.7	4.9 J	4.2 J	3.4 J	13	14	14	5.1	4.5 J	3.4 J	4.4 J	6	4.8 J	2.6 J	3.6 J
Acetone Effluent	4.2 J	4.6 J	3.4 J	3.0 J	4.1 J	5.4	3.7 J	4.9 J	6.3	3.7 J	5.0	10	15	3.4 J	3.2 J	3.6 J	7.4	2.2 J	2.6 J	2.8 J	16

Date	4/24/2020	5/27/2020	6/22/2020	7/29/2020	8/26/2020	9/18/2020	10/3/2020	11/30/2020	12/15/2020	1/9/2021	2/9/2021	3/26/2021
Month	85th	86th	87th	88th	89th	90th	91st	92nd	93rd	94th	95th	96th
Water Intake Flow Rate (Gal/min)	0.82	0.25	0.18	0.17	0.23	0.47	0.21	0.67	0.8	NA	0.01	0.06
Water Intake Flow Rate (Gal/day)	1,181	360	259	245	331	677	302	965	1,152	NA	14	86
Water Influent Total VOCs (ug/L)	179.42	163	118.42	111.84	383.86	226.21	206.24	144.68	161.42		0.86	198.66
Convert Total VOCs to g/L	0.00017942	0.000163	0.00011842	0.00011184	0.00038386	0.00022621	0.00020624	0.00014468	0.00016142		0.00000086	0.00019866
Convert Total VOCs to g/gal	0.00068	0.00062	0.00045	0.00042	0.00145	0.00086	0.00078	0.00055	0.00061		0.00000	0.00075
Convert Total VOCs to g/day	0.80	0.22	0.12	0.10	0.48	0.58	0.24	0.53	0.70		0.00	0.06
Convert Total VOCs to pounds/day	0.00177	0.00049	0.00026	0.00023	0.00106	0.00128	0.00052	0.00116	0.00155		0.0000001	0.0001432
Water Effluent Total VOCs (ug/L)	172.7	128.1	97.85	74.21	303.67	170	84.88	111.47	104.04		0.18	212.6
Water Effluent Total VOCs (mg/L)	0.173	0.128	0.098	0.074	0.304	0.170	0.085	0.111	0.104		0.0002	0.2126
Water Effluent Action Level (mg/L)	5	5	5	5	5	5	5	5	5		5	5
Is effluent less than Action level?	YES	YES	YES	YES	YES	YES	YES	YES	YES		YES	YES
Lab Report #	L2017134	L2021774	L2026198	Earth 0722920	L2034908	L2039264	L2048202	L2053496	L2053497		L2106128	L2115268
Acetone Influent	5.4	20	3.2	ND	6.4	ND	5.1	ND	4.1	NA	ND	3.8 J
Acetone Effluent	ND	3.3	3.8	ND	2.4 J	ND	1.6	ND	2.6	NA	ND	2.6 J

Table 3
HVE/SVE IRM Monitoring for 136 Fuller Road BCP C40155

HVE/SVE System Mass Removal Calculation

DATE	1/12/12	2/27/12	3/30/12	4/26/12	5/30/12	7/10/12	8/16/12	10/17/12	11/27/12	12/18/12
Month	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
Pounds Per Day										
Mass removed Liquid Phase	0.0042	0.00597	0.0025	0.0039	0.0059	0.0006	0.00022	0.00047	0.00102	0.00021
Mass removed Vapor Phase	1.0659	1.2047	0.3601	1.5412	1.5908	1.6700	1.5789	0.3640	0.0669	0.8364
TOTAL	1.070	1.2107	0.3626	1.5451	1.5967	1.6707	1.5791	0.3645	0.0679	0.8366

DATE	2/12/13	3/27/13	5/1/13	5/21/13	6/18/13	7/29/13	8/20/13	9/24/13	10/29/13
Month	11th	12th	13th	14th	15th	16th	17th	18th	19th
Pounds Per Day									
Mass removed Liquid Phase	0.00006	0.00003	0.00010	0.00005	0.00018	0.00027	0.00012	0.00027	0.00023
Mass removed Vapor Phase	0.0826	0.0777	0.0799	0.0692	0.0394	0.0520	0.0340	0.0590	0.0116
TOTAL	0.0826	0.0777	0.0800	0.0693	0.0396	0.0523	0.0341	0.0593	0.0118

DATE	1/7/14	4/29/14	5/21/14	6/30/14	7/24/14	8/28/14	9/17/14	10/22/14	11/18/14	12/18/14
Month	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th
Pounds Per Day										
Mass removed Liquid Phase	0.00233	0.00061	0.00062	0.00099	0.00011	0.00050	0.00012	0.00045	0.00057	0.00095
Mass removed Vapor Phase	0.8336	0.1755	0.2297	0.3260	0.2150	0.3635	0.2348	0.5499	0.3724	0.0345
TOTAL	0.8360	0.1761	0.2303	0.3270	0.2151	0.3640	0.2349	0.5503	0.3730	0.0354

DATE	2/5/15	2/25/15	3/19/15	4/16/15	5/27/15	6/26/15	7/20/15	8/24/15	9/30/15	10/22/15	11/24/15	12/14/15
Month	30th	31st	32nd	33rd	34th	35th	36th	37th	38th	39th	40th	41st
Pounds Per Day												
Mass removed Liquid Phase	0.00062	0.00041	0.00076	0.00057	0.00084	0.00036	0.00029	0.00026	0.00027	0.00014	0.00019	0.00005
Mass removed Vapor Phase	0.1564	0.1957	0.2206	0.1341	0.1020	0.1618	0.1379	0.1522	0.6102	0.2552	0.1463	0.1115
TOTAL	0.1570	0.1961	0.2214	0.1347	0.1028	0.1622	0.1382	0.1525	0.6104	0.2554	0.1465	0.1116

DATE	1/29/16	2/8/16	3/17/16	4/15/16	5/25/16	6/21/16	7/22/16	8/19/16	11/7/16	12/15/16	1/13/17	3/7/17
Month	42nd	43rd	44th	45th	46th	47th	48th	49th	50th	51st	52nd	53rd
Pounds Per Day												
Mass removed Liquid Phase	No data	0.00012	0.00009	0.00011	0.00010	0.00001	0.00002	0.00004	0.00123	0.00026	0.00125	0.00149
Mass removed Vapor Phase	No data	0.0552	0.1025	0.1750	0.4163	0.2949	0.1940	0.2532	0.2299	0.0885	0.5455	0.3409
TOTAL	No data	0.0553	0.1026	0.1752	0.4164	0.2950	0.1940	0.2533	0.2311	0.0887	0.5468	0.3424

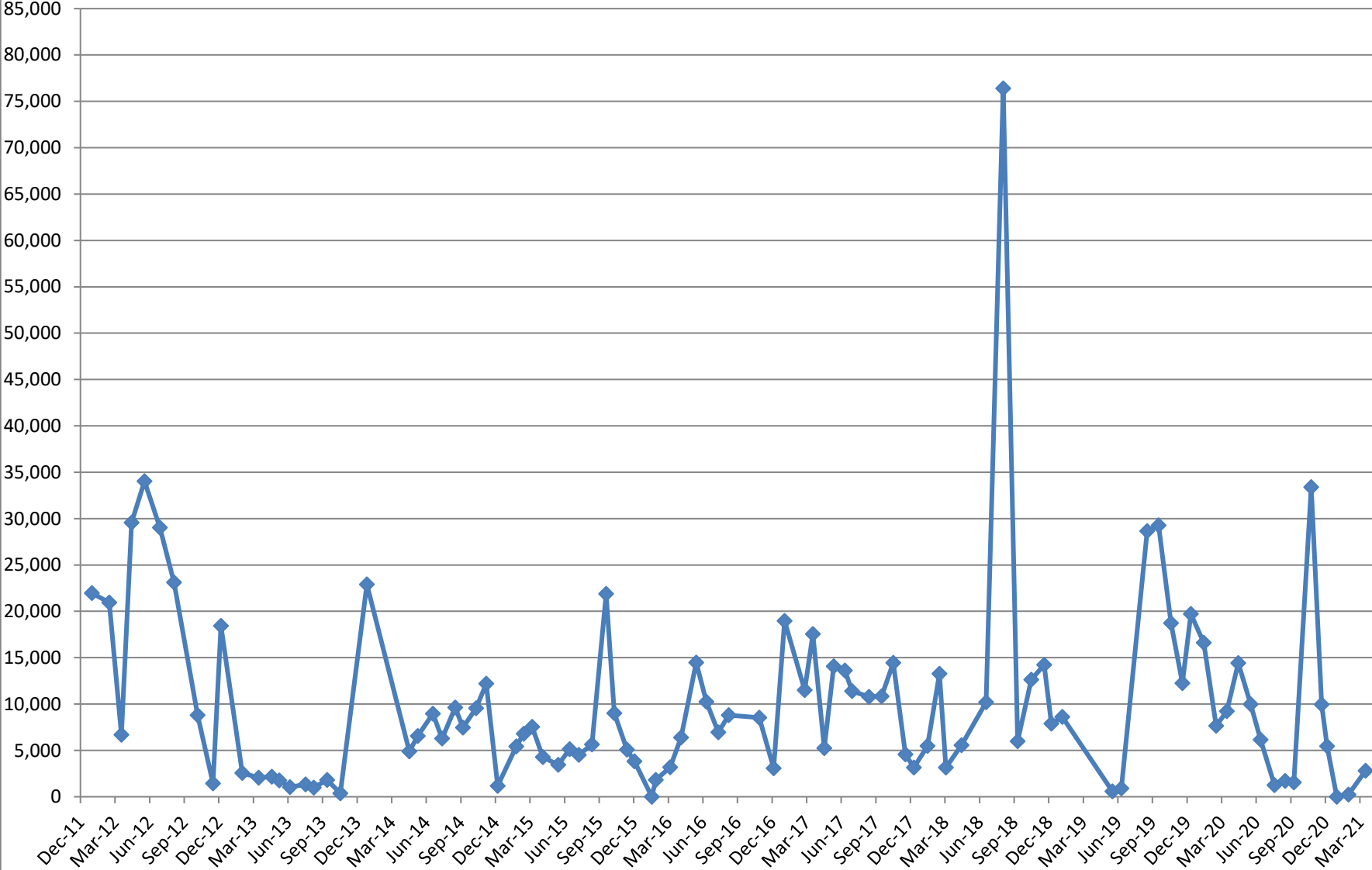
DATE	3/29/17	4/28/17	5/23/17	6/21/17	7/10/17	8/24/17	9/26/17	10/27/17	11/28/17	12/20/17	1/25/18	2/26/18
Month	54th	55th	56th	57th	58th	59th	60th	61st	62nd	63rd	64th	65th
Pounds Per Day												
Mass removed Liquid Phase	0.00159	0.00002	0.00017	0.00202	0.00168	0.00064	0.00072	0.00065	0.00011	0.00005	0.00079	0.00088
Mass removed Vapor Phase	0.5205	0.1461	0.4428	0.4037	0.3482	0.3101	0.3357	0.4348	0.1435	0.0932	0.1676	0.3815
TOTAL	0.5221	0.1462	0.4430	0.4057	0.3499	0.3108	0.3364	0.4355	0.1436	0.0933	0.1683	0.3823

DATE	3/15/18	4/25/18	6/29/18	8/13/18	9/20/18	10/26/18	11/29/18	12/18/18	1/16/19	5/28/19	6/21/19	8/28/19
Month	66th	67th	68th	69th	70th	71st	72nd	73rd	74th	75th	76th	77th
Pounds Per Day												
Mass removed Liquid Phase	0.00073	0.00055	0.00178	0.00140	0.00034	0.00530	0.00020	0.00033	0.00009	0.00002	0.00015	0.00066
Mass removed Vapor Phase	0.0890	0.1447	0.2797	2.1979	0.1693	0.3516	0.4156	0.2272	0.2480	0.0177	0.0159	0.8040
TOTAL	0.0897	0.1452	0.2814	2.1993	0.1696	0.3569	0.4158	0.2276	0.2481	0.0177	0.0161	0.8047

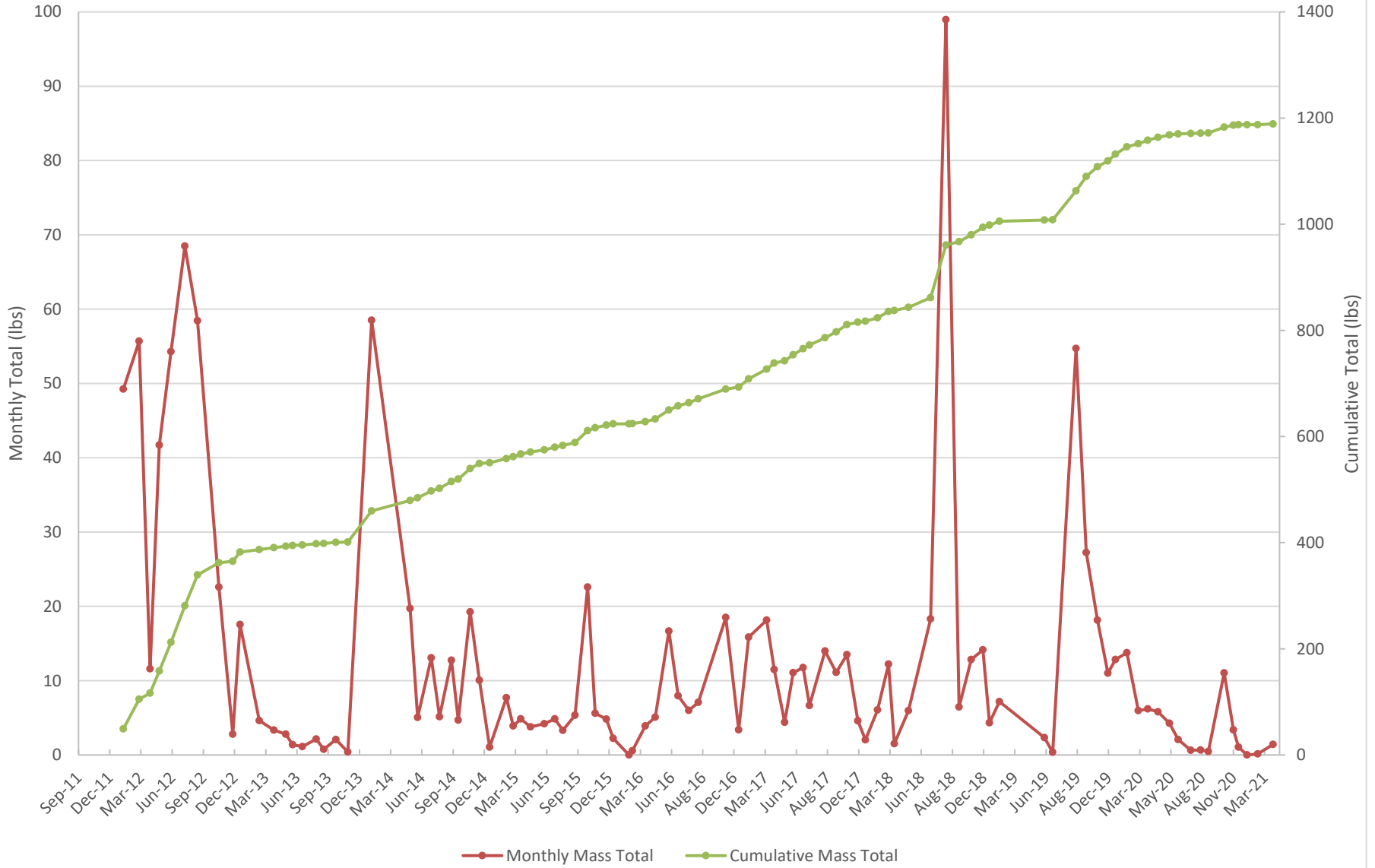
DATE	9/27/19	10/30/19	11/29/19	12/21/19	1/24/20	2/26/20	3/25/20	4/24/20	5/27/20	6/22/20	7/29/20	8/20/20
Month	78th	79th	80th	81st	82nd	83rd	84th	85th	86th	87th	88th	89th
Pounds Per Day												
Mass removed Liquid Phase	0.00831	0.00429	0.00300	0.00226	0.00190	0.00183	0.00179	0.00177	0.00049	0.00026	0.00023	0.00106
Mass removed Vapor Phase	0.9001	0.5455	0.3636	0.5817	0.4029	0.1792	0.2196	0.1919	0.1290	0.0796	0.0172	0.0241
TOTAL	0.9084	0.5498	0.3666	0.5840	0.4048	0.1810	0.2214	0.1937	0.1295	0.0798	0.0174	0.0252

DATE	9/18/20	11/3/20	11/30/20	12/15/20	1/9/21	2/9/21	3/26/21
Month	90th	91st	92nd	93rd	94th	94th	95th
Pounds Per Day							
Mass removed Liquid Phase	0.00128	0.00052	0.00116	0.00155	System Off. No Sample Collected.	0.0000001	0.0001432
Mass removed Vapor Phase	0.0206	0.2401	0.1252	0.0712		0.0027	0.0319
TOTAL	0.0219	0.2407	0.1264	0.0728		0.0027	0.0320

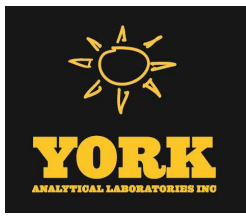
Total VOCs in Air Stack Exhaust (ug/m3) December 2011 through March 2021



HVE/SVE System VOC Mass Removal December 2011 - March 2021



Groundwater Monitoring: York Analytical Laboratory Report



Technical Report

prepared for:

Chazen Environmental Services (Poughkeepsie)

21 Fox Street

Poughkeepsie NY, 12601

Attention: Branson Fields

Report Date: 03/23/2021

Client Project ID: 90618.00 Fuller Road

York Project (SDG) No.: 21C0753

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 03/23/2021
Client Project ID: 90618.00 Fuller Road
York Project (SDG) No.: 21C0753

Chazen Environmental Services (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 16, 2021 and listed below. The project was identified as your project: **90618.00 Fuller Road**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21C0753-01	FRMW-MW10-X15	Water	03/12/2021	03/16/2021
21C0753-02	FRMW-MW18-X20	Water	03/12/2021	03/16/2021
21C0753-03	FRMW-MW25-X10	Water	03/12/2021	03/16/2021
21C0753-04	FRMW-MW27-X10	Water	03/12/2021	03/16/2021
21C0753-05	FRMW-MW30-X20	Water	03/12/2021	03/16/2021
21C0753-06	FRMW-MW32-X25	Water	03/12/2021	03/16/2021
21C0753-07	FRMW-MW33-X25	Water	03/12/2021	03/16/2021
21C0753-08	FRMW-DUP	Water	03/12/2021	03/16/2021
21C0753-09	Trip Blank	Water	03/12/2021	03/16/2021

General Notes for York Project (SDG) No.: 21C0753

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 03/23/2021





Sample Information

Client Sample ID: FRMW-MW10-X15

York Sample ID: 21C0753-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C0753	90618.00 Fuller Road	Water	March 12, 2021 2:40 pm	03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	4.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-34-3	1,1-Dichloroethane	4.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-35-4	1,1-Dichloroethylene	2.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD



Sample Information

Client Sample ID: FRMW-MW10-X15

York Sample ID: 21C0753-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 2:40 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
156-59-2	cis-1,2-Dichloroethylene	170		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:56	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-71-8	Dichlorodifluoromethane	0.20	CCV-E, ICV-E, QL-02, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD



Sample Information

Client Sample ID: FRMW-MW10-X15

York Sample ID: 21C0753-01

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 2:40 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	11		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
156-60-5	trans-1,2-Dichloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
79-01-6	Trichloroethylene	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
75-01-4	Vinyl Chloride	2.9	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:02	MD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 14:02	MD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.8 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	96.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.1 %			79-122						

Sample Information

Client Sample ID: FRMW-MW18-X20

York Sample ID: 21C0753-02

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 9:25 am	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-34-3	1,1-Dichloroethane	30		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD



Sample Information

Client Sample ID: FRMW-MW18-X20

York Sample ID: 21C0753-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 9:25 am

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	6.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
67-64-1	Acetone	11		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
71-43-2	Benzene	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD



Sample Information

Client Sample ID: FRMW-MW18-X20

York Sample ID: 21C0753-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 9:25 am

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
156-59-2	cis-1,2-Dichloroethylene	95		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-71-8	Dichlorodifluoromethane	0.25	CCV-E, ICV-E, QL-02, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
127-18-4	Tetrachloroethylene	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
156-60-5	trans-1,2-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
79-01-6	Trichloroethylene	4.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD



Sample Information

Client Sample ID: FRMW-MW18-X20

York Sample ID: 21C0753-02

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 9:25 am	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	2.6	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:28	MD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 14:28	MD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	97.8 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.0 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.3 %			79-122						

Sample Information

Client Sample ID: FRMW-MW25-X10

York Sample ID: 21C0753-03

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 11:25 am	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	16		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-34-3	1,1-Dichloroethane	61		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-35-4	1,1-Dichloroethylene	9.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD



Sample Information

Client Sample ID: FRMW-MW25-X10

York Sample ID: 21C0753-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 11:25 am

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
67-64-1	Acetone	2.1		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
71-43-2	Benzene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
156-59-2	cis-1,2-Dichloroethylene	990		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 18:22	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD



Sample Information

Client Sample ID: FRMW-MW25-X10

York Sample ID: 21C0753-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 11:25 am

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	340	QL-02, CCV-E, ICV-E	ug/L	4.0	10	20	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 18:22	MD
100-41-4	Ethyl Benzene	2.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
108-87-2	Methylcyclohexane	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
95-47-6	o-Xylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
179601-23-1	p- & m- Xylenes	5.4		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
127-18-4	Tetrachloroethylene	100		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
108-88-3	Toluene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
156-60-5	trans-1,2-Dichloroethylene	7.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
79-01-6	Trichloroethylene	41		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
75-69-4	Trichlorofluoromethane	710	QL-02, CCV-E	ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 18:22	MD
75-01-4	Vinyl Chloride	18	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 14:54	MD
1330-20-7	Xylenes, Total	6.5		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 14:54	MD

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: SURR: 1,2-Dichloroethane-d4	97.4 %	69-130
2037-26-5 Surrogate: SURR: Toluene-d8	97.1 %	81-117
460-00-4 Surrogate: SURR: p-Bromofluorobenzene	95.9 %	79-122



Sample Information

Client Sample ID: FRMW-MW27-X10

York Sample ID: 21C0753-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 10:50 am

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	7.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-34-3	1,1-Dichloroethane	9.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-35-4	1,1-Dichloroethylene	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
67-64-1	Acetone	2.1		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD



Sample Information

Client Sample ID: FRMW-MW27-X10

York Sample ID: 21C0753-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 10:50 am

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
156-59-2	cis-1,2-Dichloroethylene	94		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 18:47	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-71-8	Dichlorodifluoromethane	35	QL-02, CCV-E, ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
95-47-6	o-Xylene	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
127-18-4	Tetrachloroethylene	100		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 18:47	MD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD



Sample Information

Client Sample ID: FRMW-MW27-X10

York Sample ID: 21C0753-04

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 10:50 am	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
79-01-6	Trichloroethylene	54		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 18:47	MD
75-69-4	Trichlorofluoromethane	38	QL-02, CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
75-01-4	Vinyl Chloride	1.2	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:20	MD
1330-20-7	Xylenes, Total	0.77	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 15:20	MD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.5 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.4 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.8 %			79-122						

Sample Information

Client Sample ID: FRMW-MW30-X20

York Sample ID: 21C0753-05

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 1:20 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	8.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-34-3	1,1-Dichloroethane	240		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:13	MD
75-35-4	1,1-Dichloroethylene	35		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD



Sample Information

Client Sample ID: FRMW-MW30-X20

York Sample ID: 21C0753-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 1:20 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
107-06-2	1,2-Dichloroethane	3.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
71-43-2	Benzene	2.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-00-3	Chloroethane	190		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:13	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD



Sample Information

Client Sample ID: FRMW-MW30-X20

York Sample ID: 21C0753-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 1:20 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
156-59-2	cis-1,2-Dichloroethylene	1500		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:13	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
110-82-7	Cyclohexane	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-71-8	Dichlorodifluoromethane	13	QL-02, CCV-E, ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
100-41-4	Ethyl Benzene	1.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
98-82-8	Isopropylbenzene	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
108-87-2	Methylcyclohexane	5.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-09-2	Methylene chloride	1.2	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
95-47-6	o-Xylene	6.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
179601-23-1	p- & m- Xylenes	1.9		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
127-18-4	Tetrachloroethylene	210		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:13	MD
108-88-3	Toluene	8.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
156-60-5	trans-1,2-Dichloroethylene	19		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
79-01-6	Trichloroethylene	190		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:13	MD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 15:46	MD
75-01-4	Vinyl Chloride	880	CCV-E	ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:13	MD



Sample Information

Client Sample ID: FRMW-MW30-X20

York Sample ID: 21C0753-05

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 1:20 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	8.1		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 15:46	MD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.9 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	96.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.9 %	79-122								

Sample Information

Client Sample ID: FRMW-MW32-X25

York Sample ID: 21C0753-06

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 12:40 pm	<u>Date Received</u> 03/16/2021
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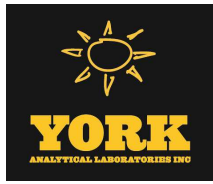
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	820		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:39	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
79-00-5	1,1,2-Trichloroethane	0.62		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-34-3	1,1-Dichloroethane	32		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-35-4	1,1-Dichloroethylene	38		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
107-06-2	1,2-Dichloroethane	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD



Sample Information

Client Sample ID: FRMW-MW32-X25

York Sample ID: 21C0753-06

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 12:40 pm	<u>Date Received</u> 03/16/2021
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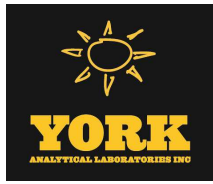
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
67-64-1	Acetone	1.0	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
156-59-2	cis-1,2-Dichloroethylene	470		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:39	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
110-82-7	Cyclohexane	0.42	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD



Sample Information

Client Sample ID: FRMW-MW32-X25

York Sample ID: 21C0753-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 12:40 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	0.33	J,	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	0.55		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
108-87-2	Methylcyclohexane	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
127-18-4	Tetrachloroethylene	1700		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 19:39	MD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
156-60-5	trans-1,2-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
79-01-6	Trichloroethylene	35		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-69-4	Trichlorofluoromethane	2.8	QL-02, CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
75-01-4	Vinyl Chloride	0.34	J, CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:12	MD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 16:12	MD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.7 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.7 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.8 %			79-122						



Sample Information

Client Sample ID: FRMW-MW33-X25

York Sample ID: 21C0753-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 12:00 pm

03/16/2021

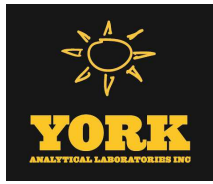
Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	0.52		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-34-3	1,1-Dichloroethane	29		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-35-4	1,1-Dichloroethylene	2.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
106-46-7	1,4-Dichlorobenzene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
71-43-2	Benzene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD



Sample Information

Client Sample ID: FRMW-MW33-X25

York Sample ID: 21C0753-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 12:00 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
156-59-2	cis-1,2-Dichloroethylene	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-71-8	Dichlorodifluoromethane	1.7	ICV-E, QL-02, CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
127-18-4	Tetrachloroethylene	7.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD



Sample Information

Client Sample ID: FRMW-MW33-X25

York Sample ID: 21C0753-07

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 12:00 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
79-01-6	Trichloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-69-4	Trichlorofluoromethane	0.32	J,	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
75-01-4	Vinyl Chloride	0.22	J,	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 16:38	MD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 16:38	MD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	94.3 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.1 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	88.8 %			79-122						

Sample Information

Client Sample ID: FRMW-DUP

York Sample ID: 21C0753-08

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 3:00 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	8.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-34-3	1,1-Dichloroethane	260		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 20:05	MD
75-35-4	1,1-Dichloroethylene	36		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD



Sample Information

Client Sample ID: FRMW-DUP

York Sample ID: 21C0753-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 3:00 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
107-06-2	1,2-Dichloroethane	3.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
71-43-2	Benzene	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-00-3	Chloroethane	190		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 20:05	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD



Sample Information

Client Sample ID: FRMW-DUP

York Sample ID: 21C0753-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 3:00 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
156-59-2	cis-1,2-Dichloroethylene	1500		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/19/2021 06:47	03/19/2021 18:07	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
110-82-7	Cyclohexane	0.84		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-71-8	Dichlorodifluoromethane	13	QL-02, CCV-E, ICV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
100-41-4	Ethyl Benzene	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
98-82-8	Isopropylbenzene	0.55		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
108-87-2	Methylcyclohexane	5.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-09-2	Methylene chloride	1.3	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
95-47-6	o-Xylene	6.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
179601-23-1	p- & m- Xylenes	2.0		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
127-18-4	Tetrachloroethylene	200		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 20:05	MD
108-88-3	Toluene	9.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
156-60-5	trans-1,2-Dichloroethylene	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
79-01-6	Trichloroethylene	200		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 20:05	MD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 17:04	MD
75-01-4	Vinyl Chloride	920	CCV-E	ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 20:05	MD



Sample Information

Client Sample ID: FRMW-DUP

York Sample ID: 21C0753-08

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 3:00 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	8.6		ug/L	0.60	1.5	1	EPA 8260C	03/18/2021 06:47	03/18/2021 17:04	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058		
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.1 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.8 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.4 %			79-122						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C0753-09

<u>York Project (SDG) No.</u> 21C0753	<u>Client Project ID</u> 90618.00 Fuller Road	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 12, 2021 3:00 pm	<u>Date Received</u> 03/16/2021
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/18/2021 06:47	03/18/2021 13:36	MD
									Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C0753-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 3:00 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
78-93-3	2-Butanone	0.48	J, Cal-E, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C0753-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21C0753

90618.00 Fuller Road

Water

March 12, 2021 3:00 pm

03/16/2021

Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	03/18/2021 06:47	03/18/2021 13:36	MD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	03/18/2021 06:47	03/18/2021 13:36	MD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	92.7 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.3 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.4 %	79-122								



Analytical Batch Summary

Batch ID: BC11019

Preparation Method: EPA 5030B

Prepared By: KHA

YORK Sample ID	Client Sample ID	Preparation Date
21C0753-01	FRMW-MW10-X15	03/18/21
21C0753-01RE1	FRMW-MW10-X15	03/18/21
21C0753-02	FRMW-MW18-X20	03/18/21
21C0753-03	FRMW-MW25-X10	03/18/21
21C0753-03RE1	FRMW-MW25-X10	03/18/21
21C0753-04	FRMW-MW27-X10	03/18/21
21C0753-04RE1	FRMW-MW27-X10	03/18/21
21C0753-05	FRMW-MW30-X20	03/18/21
21C0753-05RE1	FRMW-MW30-X20	03/18/21
21C0753-06	FRMW-MW32-X25	03/18/21
21C0753-06RE1	FRMW-MW32-X25	03/18/21
21C0753-07	FRMW-MW33-X25	03/18/21
21C0753-08	FRMW-DUP	03/18/21
21C0753-08RE1	FRMW-DUP	03/18/21
21C0753-09	Trip Blank	03/18/21
BC11019-BLK1	Blank	03/18/21
BC11019-BS1	LCS	03/18/21
BC11019-BSD1	LCS Dup	03/18/21

Batch ID: BC11198

Preparation Method: EPA 5030B

Prepared By: KHA

YORK Sample ID	Client Sample ID	Preparation Date
21C0753-08RE2	FRMW-DUP	03/19/21
BC11198-BLK1	Blank	03/19/21
BC11198-BS1	LCS	03/19/21
BC11198-BSD1	LCS Dup	03/19/21



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC11019 - EPA 5030B

Blank (BC11019-BLK1)

Prepared & Analyzed: 03/18/2021

1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	0.33	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.1	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
		Limit			Result				RPD		
Batch BC11019 - EPA 5030B											
Blank (BC11019-BLK1)										Prepared & Analyzed: 03/18/2021	
Trichlorofluoromethane	ND	0.50	ug/L								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	9.26		"	10.0		92.6	69-130				
<i>Surrogate: SURR: Toluene-d8</i>	9.78		"	10.0		97.8	81-117				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	9.77		"	10.0		97.7	79-122				
LCS (BC11019-BS1)										Prepared & Analyzed: 03/18/2021	
1,1,1-Trichloroethane	11		ug/L	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	8.6		"	10.0		86.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0		143	54-165				
1,1,2-Trichloroethane	9.0		"	10.0		89.8	82-123				
1,1-Dichloroethane	10		"	10.0		101	82-129				
1,1-Dichloroethylene	11		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	9.1		"	10.0		91.3	76-136				
1,2,4-Trichlorobenzene	9.7		"	10.0		96.9	76-137				
1,2-Dibromo-3-chloropropane	7.8		"	10.0		77.8	45-147				
1,2-Dibromoethane	9.2		"	10.0		92.0	83-124				
1,2-Dichlorobenzene	9.4		"	10.0		94.3	79-123				
1,2-Dichloroethane	9.9		"	10.0		98.7	73-132				
1,2-Dichloropropane	9.4		"	10.0		94.2	78-126				
1,3-Dichlorobenzene	9.4		"	10.0		93.9	86-122				
1,4-Dichlorobenzene	9.2		"	10.0		92.5	85-124				
2-Butanone	8.5		"	10.0		84.9	49-152				
2-Hexanone	7.4		"	10.0		73.5	51-146				
4-Methyl-2-pentanone	7.8		"	10.0		78.3	57-145				
Acetone	11		"	10.0		109	14-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	9.7		"	10.0		97.4	77-128				
Bromodichloromethane	9.2		"	10.0		92.0	79-128				
Bromoform	9.3		"	10.0		93.1	78-133				
Bromomethane	10		"	10.0		104	43-168				
Carbon disulfide	12		"	10.0		119	68-146				
Carbon tetrachloride	11		"	10.0		110	77-141				
Chlorobenzene	9.8		"	10.0		98.0	88-120				
Chloroethane	11		"	10.0		108	65-136				
Chloroform	10		"	10.0		102	82-128				
Chloromethane	14		"	10.0		144	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	8.8		"	10.0		88.2	80-131				
Cyclohexane	9.6		"	10.0		96.0	63-149				
Dibromochloromethane	9.3		"	10.0		93.4	80-130				
Dichlorodifluoromethane	19		"	10.0		188	44-144	High Bias			
Ethyl Benzene	10		"	10.0		103	80-131				
Isopropylbenzene	9.6		"	10.0		96.0	76-140				
Methyl acetate	8.3		"	10.0		82.7	51-139				
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		94.4	76-135				
Methylcyclohexane	12		"	10.0		115	72-143				
Methylene chloride	10		"	10.0		102	55-137				
o-Xylene	10		"	10.0		100	78-130				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC11019 - EPA 5030B

LCS (BC11019-BS1)

Prepared & Analyzed: 03/18/2021

p- & m- Xylenes	21		ug/L	20.0		106	77-133				
Styrene	10		"	10.0		99.8	67-132				
Tetrachloroethylene	10		"	10.0		101	82-131				
Toluene	10		"	10.0		99.8	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	8.7		"	10.0		86.6	78-131				
Trichloroethylene	9.9		"	10.0		99.1	82-128				
Trichlorofluoromethane	12		"	10.0		124	67-139				
Vinyl Chloride	12		"	10.0		119	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	9.27		"	10.0		92.7	69-130				
<i>Surrogate: SURR: Toluene-d8</i>	9.73		"	10.0		97.3	81-117				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	9.38		"	10.0		93.8	79-122				

LCS Dup (BC11019-BSD1)

Prepared & Analyzed: 03/18/2021

1,1,1-Trichloroethane	12		ug/L	10.0		122	78-136		14.4	30	
1,1,2,2-Tetrachloroethane	8.9		"	10.0		89.4	76-129		3.64	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16		"	10.0		162	54-165		12.3	30	
1,1,2-Trichloroethane	9.7		"	10.0		97.1	82-123		7.81	30	
1,1-Dichloroethane	11		"	10.0		115	82-129		13.1	30	
1,1-Dichloroethylene	13		"	10.0		129	68-138		14.7	30	
1,2,3-Trichlorobenzene	9.8		"	10.0		97.9	76-136		6.98	30	
1,2,4-Trichlorobenzene	10		"	10.0		105	76-137		7.83	30	
1,2-Dibromo-3-chloropropane	9.0		"	10.0		89.9	45-147		14.4	30	
1,2-Dibromoethane	9.9		"	10.0		99.1	83-124		7.43	30	
1,2-Dichlorobenzene	10		"	10.0		104	79-123		9.69	30	
1,2-Dichloroethane	11		"	10.0		107	73-132		8.44	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		9.79	30	
1,3-Dichlorobenzene	11		"	10.0		106	86-122		12.4	30	
1,4-Dichlorobenzene	10		"	10.0		105	85-124		12.3	30	
2-Butanone	8.7		"	10.0		86.7	49-152		2.10	30	
2-Hexanone	7.8		"	10.0		77.9	51-146		5.81	30	
4-Methyl-2-pentanone	8.0		"	10.0		80.0	57-145		2.15	30	
Acetone	12		"	10.0		122	14-150		10.8	30	
Benzene	12		"	10.0		121	85-126		13.7	30	
Bromochloromethane	11		"	10.0		106	77-128		8.46	30	
Bromodichloromethane	10		"	10.0		100	79-128		8.83	30	
Bromoform	10		"	10.0		99.8	78-133		6.95	30	
Bromomethane	12		"	10.0		121	43-168		14.7	30	
Carbon disulfide	13		"	10.0		134	68-146		11.8	30	
Carbon tetrachloride	13		"	10.0		126	77-141		13.2	30	
Chlorobenzene	11		"	10.0		109	88-120		11.0	30	
Chloroethane	12		"	10.0		123	65-136		13.2	30	
Chloroform	12		"	10.0		117	82-128		13.9	30	
Chloromethane	16		"	10.0		162	43-155	High Bias	11.8	30	
cis-1,2-Dichloroethylene	12		"	10.0		117	83-129		11.9	30	
cis-1,3-Dichloropropylene	9.7		"	10.0		96.6	80-131		9.09	30	
Cyclohexane	11		"	10.0		109	63-149		12.9	30	
Dibromochloromethane	10		"	10.0		103	80-130		9.58	30	
Dichlorodifluoromethane	22		"	10.0		216	44-144	High Bias	13.7	30	
Ethyl Benzene	11		"	10.0		115	80-131		10.6	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC11019 - EPA 5030B

LCS Dup (BC11019-BSD1)

Prepared & Analyzed: 03/18/2021

Isopropylbenzene	11		ug/L	10.0		111	76-140		14.8	30	
Methyl acetate	8.2		"	10.0		81.9	51-139		0.972	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		100	76-135		6.06	30	
Methylcyclohexane	13		"	10.0		130	72-143		12.3	30	
Methylene chloride	11		"	10.0		114	55-137		12.0	30	
o-Xylene	11		"	10.0		111	78-130		10.3	30	
p- & m- Xylenes	24		"	20.0		119	77-133		11.6	30	
Styrene	11		"	10.0		110	67-132		10.2	30	
Tetrachloroethylene	12		"	10.0		116	82-131		14.4	30	
Toluene	11		"	10.0		113	80-127		12.1	30	
trans-1,2-Dichloroethylene	13		"	10.0		126	80-132		12.3	30	
trans-1,3-Dichloropropylene	9.4		"	10.0		94.0	78-131		8.19	30	
Trichloroethylene	11		"	10.0		113	82-128		13.1	30	
Trichlorofluoromethane	14		"	10.0		140	67-139	High Bias	11.9	30	
Vinyl Chloride	13		"	10.0		135	58-145		12.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.23		"	10.0		92.3	69-130				
Surrogate: SURR: Toluene-d8	9.61		"	10.0		96.1	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.58		"	10.0		95.8	79-122				

Batch BC11198 - EPA 5030B

Blank (BC11198-BLK1)

Prepared & Analyzed: 03/19/2021

1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Butanone	0.69	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC11198 - EPA 5030B

Blank (BC11198-BLK1)

Prepared & Analyzed: 03/19/2021

Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
Styrene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</i>	<i>79-122</i>				

LCS (BC11198-BS1)

Prepared & Analyzed: 03/19/2021

1,1,1-Trichloroethane	10		ug/L	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		122	54-165				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
1,1-Dichloroethane	11		"	10.0		107	82-129				
1,1-Dichloroethylene	12		"	10.0		118	68-138				
1,2,3-Trichlorobenzene	8.5		"	10.0		84.7	76-136				
1,2,4-Trichlorobenzene	9.5		"	10.0		95.1	76-137				
1,2-Dibromo-3-chloropropane	8.3		"	10.0		83.0	45-147				
1,2-Dibromoethane	10		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.8		"	10.0		98.3	79-123				
1,2-Dichloroethane	11		"	10.0		107	73-132				
1,2-Dichloropropane	11		"	10.0		110	78-126				
1,3-Dichlorobenzene	9.8		"	10.0		98.5	86-122				
1,4-Dichlorobenzene	9.8		"	10.0		98.2	85-124				
2-Butanone	10		"	10.0		102	49-152				
2-Hexanone	11		"	10.0		110	51-146				
4-Methyl-2-pentanone	11		"	10.0		107	57-145				
Acetone	11		"	10.0		106	14-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		112	77-128				
Bromodichloromethane	11		"	10.0		105	79-128				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	
		Limit								Units	Level

Batch BC11198 - EPA 5030B

LCS (BC11198-BS1)

Prepared & Analyzed: 03/19/2021

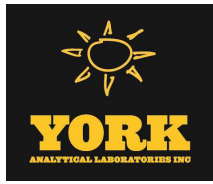
Bromoform	9.3		ug/L	10.0		92.8	78-133				
Bromomethane	5.0		"	10.0		49.6	43-168				
Carbon disulfide	12		"	10.0		115	68-146				
Carbon tetrachloride	11		"	10.0		106	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	10		"	10.0		103	65-136				
Chloroform	11		"	10.0		106	82-128				
Chloromethane	8.0		"	10.0		79.8	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131				
Cyclohexane	9.7		"	10.0		96.6	63-149				
Dibromochloromethane	10		"	10.0		103	80-130				
Dichlorodifluoromethane	11		"	10.0		110	44-144				
Ethyl Benzene	11		"	10.0		112	80-131				
Isopropylbenzene	10		"	10.0		105	76-140				
Methyl acetate	10		"	10.0		99.9	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135				
Methylcyclohexane	12		"	10.0		116	72-143				
Methylene chloride	12		"	10.0		118	55-137				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	23		"	20.0		113	77-133				
Styrene	11		"	10.0		111	67-132				
Tetrachloroethylene	10		"	10.0		101	82-131				
Toluene	11		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		118	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		106	78-131				
Trichloroethylene	11		"	10.0		106	82-128				
Trichlorofluoromethane	11		"	10.0		110	67-139				
Vinyl Chloride	9.8		"	10.0		97.7	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BC11198 - EPA 5030B										
LCS Dup (BC11198-BSD1)										
Prepared & Analyzed: 03/19/2021										
1,1,1-Trichloroethane	10		ug/L	10.0	101	78-136			3.61	30
1,1,2,2-Tetrachloroethane	9.6		"	10.0	96.2	76-129			3.97	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0	116	54-165			4.79	30
1,1,2-Trichloroethane	11		"	10.0	106	82-123			2.58	30
1,1-Dichloroethane	10		"	10.0	104	82-129			3.04	30
1,1-Dichloroethylene	11		"	10.0	111	68-138			6.47	30
1,2,3-Trichlorobenzene	8.5		"	10.0	84.8	76-136			0.118	30
1,2,4-Trichlorobenzene	9.4		"	10.0	93.9	76-137			1.27	30
1,2-Dibromo-3-chloropropane	8.2		"	10.0	82.0	45-147			1.21	30
1,2-Dibromoethane	10		"	10.0	105	83-124			2.81	30
1,2-Dichlorobenzene	9.3		"	10.0	93.2	79-123			5.33	30
1,2-Dichloroethane	11		"	10.0	108	73-132			1.30	30
1,2-Dichloropropane	11		"	10.0	108	78-126			2.48	30
1,3-Dichlorobenzene	9.3		"	10.0	92.7	86-122			6.07	30
1,4-Dichlorobenzene	9.3		"	10.0	92.7	85-124			5.76	30
2-Butanone	11		"	10.0	107	49-152			4.96	30
2-Hexanone	12		"	10.0	116	51-146			4.79	30
4-Methyl-2-pentanone	11		"	10.0	112	57-145			5.30	30
Acetone	11		"	10.0	111	14-150			5.17	30
Benzene	10		"	10.0	103	85-126			3.33	30
Bromochloromethane	11		"	10.0	114	77-128			1.24	30
Bromodichloromethane	10		"	10.0	103	79-128			1.92	30
Bromoform	9.6		"	10.0	95.5	78-133			2.87	30
Bromomethane	5.2		"	10.0	51.8	43-168			4.34	30
Carbon disulfide	11		"	10.0	110	68-146			4.79	30
Carbon tetrachloride	10		"	10.0	101	77-141			4.44	30
Chlorobenzene	10		"	10.0	102	88-120			2.62	30
Chloroethane	9.8		"	10.0	97.8	65-136			5.18	30
Chloroform	10		"	10.0	102	82-128			3.45	30
Chloromethane	7.3		"	10.0	73.3	43-155			8.49	30
cis-1,2-Dichloroethylene	11		"	10.0	107	83-129			3.31	30
cis-1,3-Dichloropropylene	10		"	10.0	105	80-131			1.33	30
Cyclohexane	9.3		"	10.0	93.2	63-149			3.58	30
Dibromochloromethane	10		"	10.0	104	80-130			0.965	30
Dichlorodifluoromethane	10		"	10.0	103	44-144			6.21	30
Ethyl Benzene	11		"	10.0	108	80-131			3.27	30
Isopropylbenzene	9.4		"	10.0	94.3	76-140			10.5	30
Methyl acetate	10		"	10.0	103	51-139			3.35	30
Methyl tert-butyl ether (MTBE)	11		"	10.0	107	76-135			2.84	30
Methylcyclohexane	11		"	10.0	113	72-143			2.62	30
Methylene chloride	12		"	10.0	117	55-137			0.767	30
o-Xylene	11		"	10.0	108	78-130			2.73	30
p- & m- Xylenes	22		"	20.0	110	77-133			3.00	30
Styrene	11		"	10.0	110	67-132			1.18	30
Tetrachloroethylene	9.7		"	10.0	97.3	82-131			3.93	30
Toluene	10		"	10.0	105	80-127			3.28	30
trans-1,2-Dichloroethylene	11		"	10.0	112	80-132			5.24	30
trans-1,3-Dichloropropylene	11		"	10.0	106	78-131			0.282	30
Trichloroethylene	10		"	10.0	101	82-128			5.11	30
Trichlorofluoromethane	11		"	10.0	106	67-139			4.45	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

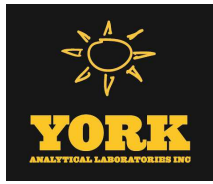
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BC11198 - EPA 5030B

LCS Dup (BC11198-BSD1)

Prepared & Analyzed: 03/19/2021

Vinyl Chloride	9.2		ug/L	10.0		92.1	58-145		5.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.7		"	10.0		107	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.24		"	10.0		92.4	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21C0753-01	FRMW-MW10-X15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-02	FRMW-MW18-X20	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-03	FRMW-MW25-X10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-04	FRMW-MW27-X10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-05	FRMW-MW30-X20	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-06	FRMW-MW32-X25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-07	FRMW-MW33-X25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-08	FRMW-DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C0753-09	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

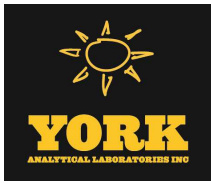
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.



2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 21C0753

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time			
Company:	<u>Chazen</u>	Company:	<u>Chazen</u>	Company:	<u>Chazen</u>	<u>90618.00</u>		RUSH - Next Day			
Address:	<u>547 River St.</u>	Address:		Address:		<u>YOUR Project Name</u>		RUSH - Two Day			
Phone:	<u>518-266-7355</u>	Phone:	<u>11</u>	Phone:	<u>Accounts Payable</u>	<u>Fuller Road</u>		RUSH - Three Day			
Contact:	<u>Branson Fields</u>	Contact:	<u>11</u>	Contact:		<u>YOUR PO#:</u>		RUSH - Four Day			
E-mail:	<u>branson@chazen.com</u>	E-mail:	<u>11</u>	E-mail:		<u>08324</u>		Standard (5-7 Day)	<input checked="" type="checkbox"/>		
<p><i>Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.</i></p> <p><u>Branson Fields</u> Samples Collected by: (print your name above and sign below) <u>[Signature]</u></p>		<p>Matrix Codes</p> <p>S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other</p>		<p>Samples From</p> <p>New York New Jersey Connecticut Pennsylvania Other</p>		<p>Report / EDD Type (circle selections)</p> <p>Summary Report <input checked="" type="checkbox"/> Standard Excel EDD QA Report <input type="checkbox"/> EQUIS (Standard) NY ASP A Package <input type="checkbox"/> NYSDEC EQUIS NY ASP B Package <input type="checkbox"/> NJDEP SRP HazSite Other: <input type="checkbox"/></p>		<p>YORK Reg. Comp.</p> <p>Compared to the following Regulation(s): (please fill in) <u>6 NYCRR Part 703.5</u></p>		<p>Container Description</p> <p><u>2x 40 ml WDA</u></p>	
<p>Sample Identification</p> <p>FRMW-MW10-X15 FRMW-MW18-X20 FRMW-MW25-X10 FRMW-MW27-X10 FRMW-MW30-X20 FRMW-MW32-X25 FRMW-MW33-X25 FRMW-DUP Trip Blank</p>		<p>Sample Matrix</p> <p>GW QA/QC</p>		<p>Date/Time Sampled</p> <p>3/12/01 1440 0935 1125 1050 1320 1240 1200 00:00 15:00</p>		<p>Analysis Requested</p> <p><u>8260 VOCs</u></p>		<p>Preservation: (check all that apply)</p> <p>HCl <input checked="" type="checkbox"/> MeOH ___ HNO₃ ___ H₂SO₄ ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: <u>Fe</u></p>		<p>Special Instruction</p> <p>Field Filtered Lab to Filter</p>	
<p>Comments: Samples placed in Chazen refrigerator on 3/12/01. Samples removed from Chazen fridge on 3/15/21, placed on ice and shipped via FedEx.</p>		<p>Date/Time</p> <p>3/15/21 15:00</p>		<p>Date/Time</p> <p>3/15/21 015:00</p>		<p>Date/Time</p> <p>3/15/21 1050</p>		<p>Date/Time</p> <p>3/1</p>		<p>Temp. Received at Lab</p> <p>3.1</p>	
<p>Samples Relinquished by / Company <u>Branson Fields/Chazen</u></p>		<p>Samples Received by / Company <u>FedEx - Menands, NY</u></p>		<p>Samples Relinquished by / Company</p>		<p>Samples Received by / Company</p>		<p>Samples Relinquished by / Company</p>		<p>Samples Received at Lab</p>	

HVE/SVE Monitoring: Alpha Analytical Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2106096
Client:	Earth Environmental 10 Stone Clover Drive Saratoga Springs, NY 12866
ATTN:	Kim Baines
Phone:	(518) 588-2104
Project Name:	136 FULLER RD
Project Number:	Not Specified
Report Date:	02/16/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2106096-01	STACK EFFLUENT	SOIL_VAPOR	ALBANY, NY	02/09/21 10:20	02/09/21

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

Case Narrative

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

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

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

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

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

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

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 5, 2021. The canister certification results are provided as an addendum.

L2106096-01D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 02/16/21

AIR

Project Name: 136 FULLER RD**Lab Number:** L2106096**Project Number:** Not Specified**Report Date:** 02/16/21**SAMPLE RESULTS**

Lab ID: L2106096-01 D
 Client ID: STACK EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:20
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 02/14/21 02:59
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.529	0.408	--	2.62	2.02	--		2.042
Chloromethane	0.517	0.408	--	1.07	0.843	--		2.042
Freon-114	ND	0.408	--	ND	2.85	--		2.042
Vinyl chloride	ND	0.408	--	ND	1.04	--		2.042
1,3-Butadiene	ND	0.408	--	ND	0.903	--		2.042
Bromomethane	ND	0.408	--	ND	1.58	--		2.042
Chloroethane	ND	0.408	--	ND	1.08	--		2.042
Ethanol	ND	10.2	--	ND	19.2	--		2.042
Vinyl bromide	ND	0.408	--	ND	1.78	--		2.042
Acetone	3.10	2.04	--	7.36	4.85	--		2.042
Trichlorofluoromethane	1.69	0.408	--	9.50	2.29	--		2.042
Isopropanol	4.21	1.02	--	10.3	2.51	--		2.042
1,1-Dichloroethene	0.480	0.408	--	1.90	1.62	--		2.042
Tertiary butyl Alcohol	2.06	1.02	--	6.24	3.09	--		2.042
Methylene chloride	ND	1.02	--	ND	3.54	--		2.042
3-Chloropropene	ND	0.408	--	ND	1.28	--		2.042
Carbon disulfide	ND	0.408	--	ND	1.27	--		2.042
Freon-113	ND	0.408	--	ND	3.13	--		2.042
trans-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--		2.042
1,1-Dichloroethane	0.570	0.408	--	2.31	1.65	--		2.042
Methyl tert butyl ether	ND	0.408	--	ND	1.47	--		2.042
2-Butanone	2.75	1.02	--	8.11	3.01	--		2.042
cis-1,2-Dichloroethene	32.1	0.408	--	127	1.62	--		2.042



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

SAMPLE RESULTS

Lab ID: L2106096-01 D
 Client ID: STACK EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:20
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.02	--	ND	3.68	--		2.042
Chloroform	ND	0.408	--	ND	1.99	--		2.042
Tetrahydrofuran	ND	1.02	--	ND	3.01	--		2.042
1,2-Dichloroethane	ND	0.408	--	ND	1.65	--		2.042
n-Hexane	ND	0.408	--	ND	1.44	--		2.042
1,1,1-Trichloroethane	2.73	0.408	--	14.9	2.23	--		2.042
Benzene	ND	0.408	--	ND	1.30	--		2.042
Carbon tetrachloride	ND	0.408	--	ND	2.57	--		2.042
Cyclohexane	3.27	0.408	--	11.3	1.40	--		2.042
1,2-Dichloropropane	ND	0.408	--	ND	1.89	--		2.042
Bromodichloromethane	ND	0.408	--	ND	2.73	--		2.042
1,4-Dioxane	ND	0.408	--	ND	1.47	--		2.042
Trichloroethene	0.637	0.408	--	3.42	2.19	--		2.042
2,2,4-Trimethylpentane	ND	0.408	--	ND	1.91	--		2.042
Heptane	ND	0.408	--	ND	1.67	--		2.042
cis-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--		2.042
4-Methyl-2-pentanone	ND	1.02	--	ND	4.18	--		2.042
trans-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--		2.042
1,1,2-Trichloroethane	ND	0.408	--	ND	2.23	--		2.042
Toluene	ND	0.408	--	ND	1.54	--		2.042
2-Hexanone	ND	0.408	--	ND	1.67	--		2.042
Dibromochloromethane	ND	0.408	--	ND	3.48	--		2.042
1,2-Dibromoethane	ND	0.408	--	ND	3.14	--		2.042
Tetrachloroethene	2.22	0.408	--	15.1	2.77	--		2.042
Chlorobenzene	ND	0.408	--	ND	1.88	--		2.042
Ethylbenzene	ND	0.408	--	ND	1.77	--		2.042



Project Name: 136 FULLER RD**Lab Number:** L2106096**Project Number:** Not Specified**Report Date:** 02/16/21**SAMPLE RESULTS**

Lab ID: L2106096-01 D
 Client ID: STACK EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:20
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.28	0.817	--	5.56	3.55	--		2.042
Bromoform	ND	0.408	--	ND	4.22	--		2.042
Styrene	ND	0.408	--	ND	1.74	--		2.042
1,1,2,2-Tetrachloroethane	ND	0.408	--	ND	2.80	--		2.042
o-Xylene	0.514	0.408	--	2.23	1.77	--		2.042
4-Ethyltoluene	ND	0.408	--	ND	2.01	--		2.042
1,3,5-Trimethylbenzene	ND	0.408	--	ND	2.01	--		2.042
1,2,4-Trimethylbenzene	ND	0.408	--	ND	2.01	--		2.042
Benzyl chloride	ND	0.408	--	ND	2.11	--		2.042
1,3-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.042
1,4-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.042
1,2-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.042
1,2,4-Trichlorobenzene	ND	0.408	--	ND	3.03	--		2.042
Hexachlorobutadiene	ND	0.408	--	ND	4.35	--		2.042

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140



Project Name: 136 FULLER RD

Lab Number: L2106096

Project Number: Not Specified

Report Date: 02/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/13/21 13:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1464544-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 136 FULLER RD

Lab Number: L2106096

Project Number: Not Specified

Report Date: 02/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/13/21 13:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1464544-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: 136 FULLER RD

Lab Number: L2106096

Project Number: Not Specified

Report Date: 02/16/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 02/13/21 13:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1464544-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106096

Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1464544-3								
Dichlorodifluoromethane	85		-		70-130	-		
Chloromethane	84		-		70-130	-		
Freon-114	91		-		70-130	-		
Vinyl chloride	84		-		70-130	-		
1,3-Butadiene	93		-		70-130	-		
Bromomethane	83		-		70-130	-		
Chloroethane	83		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	78		-		70-130	-		
Acetone	58		-		40-160	-		
Trichlorofluoromethane	82		-		70-130	-		
Isopropanol	66		-		40-160	-		
1,1-Dichloroethene	86		-		70-130	-		
Tertiary butyl Alcohol	73		-		70-130	-		
Methylene chloride	92		-		70-130	-		
3-Chloropropene	86		-		70-130	-		
Carbon disulfide	82		-		70-130	-		
Freon-113	85		-		70-130	-		
trans-1,2-Dichloroethene	79		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	89		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106096

Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1464544-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	91		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	98		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	100		-		70-130	-		
Cyclohexane	95		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	99		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	107		-		70-130	-		
4-Methyl-2-pentanone	101		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	93		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	106		-		70-130	-		
1,2-Dibromoethane	106		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106096

Report Date: 02/16/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1464544-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	98		-		70-130	-		
Ethylbenzene	100		-		70-130	-		
p/m-Xylene	99		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	100		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	86		-		70-130	-		
1,2,4-Trimethylbenzene	101		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	106		-		70-130	-		
Hexachlorobutadiene	103		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106096

Report Date: 02/16/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1464544-5 QC Sample: L2106096-01 Client ID: STACK EFFLUENT						
Dichlorodifluoromethane	0.529	0.517	ppbV	2		25
Chloromethane	0.517	0.502	ppbV	3		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	3.10	3.04	ppbV	2		25
Trichlorofluoromethane	1.69	1.67	ppbV	1		25
Isopropanol	4.21	4.06	ppbV	4		25
1,1-Dichloroethene	0.480	0.484	ppbV	1		25
Tertiary butyl Alcohol	2.06	2.03	ppbV	1		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	0.570	0.704	ppbV	21		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106096

Report Date: 02/16/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1464544-5 QC Sample: L2106096-01 Client ID: STACK EFFLUENT						
2-Butanone	2.75	2.68	ppbV	3		25
cis-1,2-Dichloroethene	32.1	31.4	ppbV	2		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	2.73	2.60	ppbV	5		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	3.27	3.08	ppbV	6		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	0.637	0.623	ppbV	2		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106096

Report Date: 02/16/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1464544-5 QC Sample: L2106096-01 Client ID: STACK EFFLUENT						
Toluene	ND	ND	ppbV	NC		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	2.22	2.22	ppbV	0		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	1.28	1.24	ppbV	3		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.514	0.512	ppbV	0		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 136 FULLER RD

Project Number:

Serial_No:02162115:16
Lab Number: L2106096

Report Date: 02/16/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2106096-01	STACK EFFLUENT	2511	1.0L Can	02/05/21	342670	L2104125-02	Pass	-29.0	-2.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 01/28/21 18:08
 Analyst: EW

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/28/21 18:08
 Analyst: EW

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2104125
Report Date: 02/16/21

Air Canister Certification Results

Lab ID: L2104125-02
 Client ID: CAN 1951 SHELF 22
 Sample Location:

Date Collected: 01/26/21 16:00
 Date Received: 01/27/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	96		60-140

Project Name: 136 FULLER RD

Project Number: Not Specified

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler Custody Seal

NA Absent

Container Information

Container ID Container Type

L2106096-01A Canister - 1 Liter

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
NA	NA			Y	Absent		TO15-LL(30)

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

Data Qualifiers

the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106096
Report Date: 02/16/21

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.

Mansfield Facility:

Drinking Water

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

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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



AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 1 OF 1

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

Project Information

Project Name: 136 Fuller Rd
 Project Location: ALBANY NY
 Project #: _____
 Project Manager: Kim BAINES
 ALPHA Quote #: _____

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Date Rec'd in Lab: 2/10/21

Report Information - Data Deliverables

FAX
 ADEx
 Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
 Other Formats: _____

EMAIL (standard pdf report)
 Additional Deliverables: _____

Report to: (if different than Project Manager) _____

ALPHA Job #: L2100096

Billing Information

Same as Client info PO #: _____

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Client Information

Client: EARTH Environmental LLC
 Address: 15 West Sky Lane
 Clifton Park NY 12065
 Phone: 518-588-2104
 Fax: _____
 Email: Kim.Baines.enve@gmail.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:
 Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS				Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-15	TO-15 SIM	APH <small>Subtract Non-Hydrocarbon PICS</small>	Fixed Gases	
06096-01	Stack Effluent	2/9/21	1019	1020	-29.7	-1.6	SOIL GAS	KB	25M	-	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
<i>Kim Baines</i>	2/9/21 1203	<i>Don Wagon</i>	2-9-21 12:03
<i>Miller Wood</i>	2-9-21 1210	<i>Mr. [unclear]</i>	2/10/21 00:35
<i>T. Hushell</i>	2/10/21 0415	<i>T. Hushell</i>	2/10/21 0415
	2/10/21 0545	<i>Kim Baines</i>	2/10/21 0515

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L2106128
Client:	Earth Environmental 10 Stone Clover Drive Saratoga Springs, NY 12866
ATTN:	Kim Baines
Phone:	(518) 588-2104
Project Name:	136 FULLER RD
Project Number:	Not Specified
Report Date:	02/12/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2106128-01	TFE INFLUENT	WATER	ALBANY, NY	02/09/21 10:10	02/09/21
L2106128-02	TFE EFFLUENT	WATER	ALBANY, NY	02/09/21 10:15	02/09/21

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Case Narrative

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

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

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

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

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

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

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2106128-01 and -02: Headspace was noted in the sample containers submitted for Volatile Organics. The analysis was performed at the client's request.

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

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 02/12/21

ORGANICS

VOLATILES

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106128-01
 Client ID: TFE INFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:10
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/11/21 14:20
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.86		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER RD

Lab Number: L2106128

Project Number: Not Specified

Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106128-01
 Client ID: TFE INFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:10
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106128-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:15
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/11/21 14:47
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.18	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER RD

Lab Number: L2106128

Project Number: Not Specified

Report Date: 02/12/21

SAMPLE RESULTS

Lab ID: L2106128-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 02/09/21 10:15
 Date Received: 02/09/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1463995-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1463995-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/11/21 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1463995-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Lab Number: L2106128

Project Number: Not Specified

Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1463995-3 WG1463995-4								
Methylene chloride	92		110		70-130	18		20
1,1-Dichloroethane	94		110		70-130	16		20
Chloroform	98		110		70-130	12		20
Carbon tetrachloride	100		120		63-132	18		20
1,2-Dichloropropane	92		110		70-130	18		20
Dibromochloromethane	91		100		63-130	9		20
1,1,2-Trichloroethane	88		100		70-130	13		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	95		110		75-130	15		20
Trichlorofluoromethane	110		130		62-150	17		20
1,2-Dichloroethane	99		120		70-130	19		20
1,1,1-Trichloroethane	100		120		67-130	18		20
Bromodichloromethane	96		110		67-130	14		20
trans-1,3-Dichloropropene	89		100		70-130	12		20
cis-1,3-Dichloropropene	95		110		70-130	15		20
Bromoform	86		100		54-136	15		20
1,1,2,2-Tetrachloroethane	77		95		67-130	21	Q	20
Benzene	93		110		70-130	17		20
Toluene	90		100		70-130	11		20
Ethylbenzene	95		110		70-130	15		20
Chloromethane	85		97		64-130	13		20
Bromomethane	89		110		39-139	21	Q	20
Vinyl chloride	100		120		55-140	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Lab Number: L2106128

Project Number: Not Specified

Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1463995-3 WG1463995-4								
Chloroethane	91		100		55-138	9		20
1,1-Dichloroethene	93		110		61-145	17		20
trans-1,2-Dichloroethene	92		110		70-130	18		20
Trichloroethene	95		110		70-130	15		20
1,2-Dichlorobenzene	94		110		70-130	16		20
1,3-Dichlorobenzene	95		110		70-130	15		20
1,4-Dichlorobenzene	95		110		70-130	15		20
Methyl tert butyl ether	87		110		63-130	23	Q	20
p/m-Xylene	95		110		70-130	15		20
o-Xylene	100		115		70-130	14		20
cis-1,2-Dichloroethene	93		110		70-130	17		20
Styrene	100		115		70-130	14		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	94		76		58-148	21	Q	20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	81		92		63-138	13		20
4-Methyl-2-pentanone	69		82		59-130	17		20
2-Hexanone	70		81		57-130	15		20
Bromochloromethane	98		120		70-130	20		20
1,2-Dibromoethane	85		100		70-130	16		20
1,2-Dibromo-3-chloropropane	74		87		41-144	16		20
Isopropylbenzene	89		110		70-130	21	Q	20
1,2,3-Trichlorobenzene	91		110		70-130	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2106128

Report Date: 02/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1463995-3 WG1463995-4								
1,2,4-Trichlorobenzene	96		110		70-130	14		20
Methyl Acetate	67	Q	80		70-130	18		20
Cyclohexane	96		110		70-130	14		20
1,4-Dioxane	44	Q	50	Q	56-162	13		20
Freon-113	100		120		70-130	18		20
Methyl cyclohexane	100		120		70-130	18		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		101		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	89		92		70-130
Dibromofluoromethane	102		104		70-130

Project Name: 136 FULLER RD**Lab Number:** L2106128**Project Number:** Not Specified**Report Date:** 02/12/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2106128-01A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2106128-01B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2106128-01C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2106128-02A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2106128-02B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2106128-02C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER RD**Lab Number:** L2106128**Project Number:** Not Specified**Report Date:** 02/12/21**Data Qualifiers**

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2106128
Report Date: 02/12/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

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

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>		Date Rec'd in Lab <u>2/10/21</u>		ALPHA Job # <u>L2106128</u>	
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>136 Fuller Rd</u> Project Location: <u>ALBANY NY</u>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other	
Client Information Client: <u>Earth Environmental LLC</u> Address: <u>15 West Sky Lane</u> <u>Clifton Park NY 12065</u> Phone: <u>518-588-2104</u> Fax: _____ Email: <u>KimBaines-env@fomerl.com</u>		Project # _____ (Use Project name as Project #) <input type="checkbox"/>		Project Manager: <u>BAINES</u> ALPHAQuote #: _____		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other: _____	
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottles	
Other project specific requirements/comments: _____ _____ Please specify Metals or TAL. _____ _____		ALPHA Lab ID (Lab Use Only) Sample ID Collection Date Time Sample Matrix Sampler's Initials		0928		Sample Specific Comments			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: _____ Date/Time: <u>2/9/21 12:03</u> <u>Ben Wagon</u>		Received By: _____ Date/Time: <u>2/9-21 12:03</u> <u>Ben Wagon</u>		Date/Time: <u>2/10/21 00:25</u>			



ANALYTICAL REPORT

Lab Number:	L2115268
Client:	Earth Environmental 10 Stone Clover Drive Saratoga Springs, NY 12866
ATTN:	Kim Baines
Phone:	(518) 588-2104
Project Name:	136 FULLER
Project Number:	136 FULLER
Report Date:	04/02/21

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2115268-01	TFE INFLUENT	WATER	ALBANY, NY	03/26/21 11:45	03/26/21
L2115268-02	TFE EFFLUENT	WATER	ALBANY, NY	03/26/21 11:50	03/26/21

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Case Narrative

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

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

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

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

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

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

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

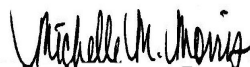
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 04/02/21

ORGANICS

VOLATILES

Project Name: 136 FULLER

Lab Number: L2115268

Project Number: 136 FULLER

Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115268-01
 Client ID: TFE INFLUENT
 Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:45
 Date Received: 03/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/01/21 11:53
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	0.76	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.6		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115268-01
Client ID: TFE INFLUENT
Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:45
Date Received: 03/26/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.5		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	190	J	ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	106		70-130

Project Name: 136 FULLER

Lab Number: L2115268

Project Number: 136 FULLER

Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115268-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:50
 Date Received: 03/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 04/01/21 12:17
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER

Lab Number: L2115268

Project Number: 136 FULLER

Report Date: 04/02/21

SAMPLE RESULTS

Lab ID: L2115268-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:50
 Date Received: 03/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	210	J	ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	106		70-130

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/01/21 08:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1481395-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/01/21 08:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1481395-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 136 FULLER

Lab Number: L2115268

Project Number: 136 FULLER

Report Date: 04/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 04/01/21 08:32
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1481395-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481395-3 WG1481395-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
Bromoform	94		92		54-136	2		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	94		89		64-130	5		20
Bromomethane	52		50		39-139	4		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481395-3 WG1481395-4								
Chloroethane	150	Q	130		55-138	14		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	115		110		70-130	4		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	98		89		36-147	10		20
Acetone	120		110		58-148	9		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	120		110		63-138	9		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	110		110		57-130	0		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	93		99		41-144	6		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1481395-3 WG1481395-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	150	Q	140	Q	70-130	7		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	126		120		56-162	5		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	100		99		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		105		70-130
Toluene-d8	107		105		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	107		104		70-130

Project Name: 136 FULLER

Project Number: 136 FULLER

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2115268-01A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2115268-01B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2115268-01C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2115268-02A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2115268-02B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2115268-02C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: 136 FULLER
Project Number: 136 FULLER

Lab Number: L2115268
Report Date: 04/02/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page of	Date Rec'd in Lab 3/27/21	ALPHA Job # 22115268			
		Project Information Project Name: 136 Fuller Project Location: ALBANY NY		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #			
Client Information Client: Earth Environmental LLC Address: 5 West Sky Lane Clepton Park NY 12045 Phone: 518-588-2104 Fax: _____ Email: Kim.Brown@ee.com		Project # _____ (Use Project name as Project #) <input checked="" type="checkbox"/>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
These samples have been previously analyzed by Alpha <input checked="" type="checkbox"/>		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
Other project specific requirements/comments: Please specify Metals or TAL.								T o t a l B o t t l e	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
15268-01	TPE Influent	3-26-21	11:45	GW	KB	X			
-02	TPE Effluent	3-26-21	11:50	GW	KB	X			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V Preservative B			
		Relinquished By: <i>Jim Carlen</i>		Date/Time 3/26/21 12:50		Received By: <i>Jim Carlen</i>		Date/Time 3/26/21 12:56	
		Relinquished By: <i>APC</i>		Date/Time 3/26/21 13:05		Received By: <i>APC</i>		Date/Time 3/27/21 07:55	
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)									



ANALYTICAL REPORT

Lab Number:	L2115386
Client:	Earth Environmental 10 Stone Clover Drive Saratoga Springs, NY 12866
ATTN:	Kim Baines
Phone:	(518) 588-2104
Project Name:	136 FULLER RD
Project Number:	Not Specified
Report Date:	04/05/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2115386-01	STACK EFFLUENT	SOIL_VAPOR	ALBANY, NY	03/26/21 11:30	03/26/21

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

Case Narrative

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

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

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

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

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

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

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 10, 2021. The canister certification results are provided as an addendum.

L2115386-01D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

The WG1482189-3 LCS recovery for 3-chloropropene (134%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 04/05/21

AIR

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115386-01 D
 Client ID: STACK EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:30
 Date Received: 03/26/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 04/03/21 19:05
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.36	0.468	--	6.72	2.31	--		2.341
Chloromethane	0.990	0.468	--	2.04	0.966	--		2.341
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.468	--	ND	3.27	--		2.341
Vinyl chloride	0.646	0.468	--	1.65	1.20	--		2.341
1,3-Butadiene	ND	0.468	--	ND	1.04	--		2.341
Bromomethane	ND	0.468	--	ND	1.82	--		2.341
Chloroethane	0.494	0.468	--	1.30	1.23	--		2.341
Ethyl Alcohol	15.3	11.7	--	28.8	22.0	--		2.341
Vinyl bromide	ND	0.468	--	ND	2.05	--		2.341
Acetone	9.85	2.34	--	23.4	5.56	--		2.341
Trichlorofluoromethane	5.48	0.468	--	30.8	2.63	--		2.341
iso-Propyl Alcohol	1.34	1.17	--	3.29	2.88	--		2.341
1,1-Dichloroethene	2.15	0.468	--	8.52	1.86	--		2.341
tert-Butyl Alcohol	ND	1.17	--	ND	3.55	--		2.341
Methylene chloride	ND	1.17	--	ND	4.06	--		2.341
3-Chloropropene	ND	0.468	--	ND	1.46	--		2.341
Carbon disulfide	ND	0.468	--	ND	1.46	--		2.341
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.468	--	ND	3.59	--		2.341
trans-1,2-Dichloroethene	0.503	0.468	--	1.99	1.86	--		2.341
1,1-Dichloroethane	36.4	0.468	--	147	1.89	--		2.341
Methyl tert butyl ether	ND	0.468	--	ND	1.69	--		2.341
2-Butanone	1.36	1.17	--	4.01	3.45	--		2.341
cis-1,2-Dichloroethene	156	0.468	--	619	1.86	--		2.341



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115386-01 D
 Client ID: STACK EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:30
 Date Received: 03/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.17	--	ND	4.22	--		2.341
Chloroform	ND	0.468	--	ND	2.29	--		2.341
Tetrahydrofuran	1.76	1.17	--	5.19	3.45	--		2.341
1,2-Dichloroethane	ND	0.468	--	ND	1.89	--		2.341
n-Hexane	ND	0.468	--	ND	1.65	--		2.341
1,1,1-Trichloroethane	54.6	0.468	--	298	2.55	--		2.341
Benzene	ND	0.468	--	ND	1.50	--		2.341
Carbon tetrachloride	ND	0.468	--	ND	2.94	--		2.341
Cyclohexane	1.46	0.468	--	5.03	1.61	--		2.341
1,2-Dichloropropane	ND	0.468	--	ND	2.16	--		2.341
Bromodichloromethane	ND	0.468	--	ND	3.14	--		2.341
Xylene (Total)	1.94	0.468	--	8.43	2.03	--		2.341
1,4-Dioxane	5.61	0.468	--	20.2	1.69	--		2.341
Trichloroethene	6.57	0.468	--	35.3	2.52	--		2.341
2,2,4-Trimethylpentane	ND	0.468	--	ND	2.19	--		2.341
Heptane	ND	0.468	--	ND	1.92	--		2.341
cis-1,3-Dichloropropene	ND	0.468	--	ND	2.12	--		2.341
4-Methyl-2-pentanone	ND	1.17	--	ND	4.79	--		2.341
trans-1,3-Dichloropropene	ND	0.468	--	ND	2.12	--		2.341
1,1,2-Trichloroethane	ND	0.468	--	ND	2.55	--		2.341
Toluene	1.02	0.468	--	3.84	1.76	--		2.341
1,2-Dichloroethene (total)	157	0.468	--	622	1.86	--		2.341
2-Hexanone	ND	0.468	--	ND	1.92	--		2.341
1,3-Dichloropropene, Total	ND	0.468	--	ND	2.12	--		2.341
Dibromochloromethane	ND	0.468	--	ND	3.99	--		2.341
1,2-Dibromoethane	ND	0.468	--	ND	3.60	--		2.341



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

SAMPLE RESULTS

Lab ID: L2115386-01 D
 Client ID: STACK EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 03/26/21 11:30
 Date Received: 03/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	137	0.468	--	929	3.17	--		2.341
Chlorobenzene	ND	0.468	--	ND	2.16	--		2.341
Ethylbenzene	ND	0.468	--	ND	2.03	--		2.341
p/m-Xylene	1.12	0.936	--	4.86	4.07	--		2.341
Bromoform	ND	0.468	--	ND	4.84	--		2.341
Styrene	ND	0.468	--	ND	1.99	--		2.341
1,1,2,2-Tetrachloroethane	ND	0.468	--	ND	3.21	--		2.341
o-Xylene	0.824	0.468	--	3.58	2.03	--		2.341
4-Ethyltoluene	ND	0.468	--	ND	2.30	--		2.341
1,3,5-Trimethylbenzene	ND	0.468	--	ND	2.30	--		2.341
1,2,4-Trimethylbenzene	ND	0.468	--	ND	2.30	--		2.341
Benzyl chloride	ND	0.468	--	ND	2.42	--		2.341
1,3-Dichlorobenzene	ND	0.468	--	ND	2.81	--		2.341
1,4-Dichlorobenzene	ND	0.468	--	ND	2.81	--		2.341
1,2-Dichlorobenzene	ND	0.468	--	ND	2.81	--		2.341
1,2,4-Trichlorobenzene	ND	0.468	--	ND	3.47	--		2.341
Hexachlorobutadiene	ND	0.468	--	ND	4.99	--		2.341

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	84		60-140



Project Name: 136 FULLER RD

Lab Number: L2115386

Project Number: Not Specified

Report Date: 04/05/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/03/21 14:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1482189-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: 136 FULLER RD

Lab Number: L2115386

Project Number: Not Specified

Report Date: 04/05/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/03/21 14:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1482189-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylene (Total)	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,3-Dichloropropene, Total	ND	0.200	--	ND	0.908	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1



Project Name: 136 FULLER RD

Lab Number: L2115386

Project Number: Not Specified

Report Date: 04/05/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/03/21 14:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1482189-4								
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: 136 FULLER RD

Lab Number: L2115386

Project Number: Not Specified

Report Date: 04/05/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/03/21 14:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1482189-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1

Project Name: 136 FULLER RD

Lab Number: L2115386

Project Number: Not Specified

Report Date: 04/05/21

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/03/21 14:40

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1482189-4								
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2115386

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1482189-3								
Chlorodifluoromethane	89		-		70-130	-		
Propylene	136	Q	-		70-130	-		
Propane	87		-		70-130	-		
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	112		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110		-		70-130	-		
Methanol	89		-		70-130	-		
Vinyl chloride	110		-		70-130	-		
1,3-Butadiene	107		-		70-130	-		
Butane	110		-		70-130	-		
Bromomethane	113		-		70-130	-		
Chloroethane	114		-		70-130	-		
Ethyl Alcohol	95		-		40-160	-		
Dichlorofluoromethane	107		-		70-130	-		
Vinyl bromide	116		-		70-130	-		
Acrolein	91		-		60-113	-		
Acetone	105		-		40-160	-		
Acetonitrile	113		-		70-130	-		
Trichlorofluoromethane	112		-		70-130	-		
iso-Propyl Alcohol	105		-		40-160	-		
Acrylonitrile	90		-		70-130	-		
Pentane	115		-		70-130	-		
Ethyl ether	82		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2115386

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1482189-3								
1,1-Dichloroethene	124		-		70-130	-		
tert-Butyl Alcohol	110		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	134	Q	-		70-130	-		
Carbon disulfide	100		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	116		-		70-130	-		
trans-1,2-Dichloroethene	121		-		70-130	-		
1,1-Dichloroethane	124		-		70-130	-		
Methyl tert butyl ether	110		-		70-130	-		
Vinyl acetate	118		-		70-130	-		
2-Butanone	120		-		70-130	-		
cis-1,2-Dichloroethene	130		-		70-130	-		
Ethyl Acetate	112		-		70-130	-		
Chloroform	113		-		70-130	-		
Tetrahydrofuran	126		-		70-130	-		
2,2-Dichloropropane	95		-		70-130	-		
1,2-Dichloroethane	124		-		70-130	-		
n-Hexane	107		-		70-130	-		
Isopropyl Ether	92		-		70-130	-		
Ethyl-Tert-Butyl-Ether	101		-		70-130	-		
1,2-Dichloroethene (total)	125		-			-		
1,2-Dichloroethene (total)	125		-			-		
1,1,1-Trichloroethane	112		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2115386

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1482189-3								
1,1-Dichloropropene	96		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	109		-		70-130	-		
Cyclohexane	107		-		70-130	-		
Tertiary-Amyl Methyl Ether	91		-		70-130	-		
Dibromomethane	104		-		70-130	-		
1,2-Dichloropropane	118		-		70-130	-		
Bromodichloromethane	107		-		70-130	-		
1,4-Dioxane	115		-		70-130	-		
Trichloroethene	111		-		70-130	-		
2,2,4-Trimethylpentane	112		-		70-130	-		
Methyl Methacrylate	92		-		40-160	-		
Heptane	114		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	120		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	115		-		70-130	-		
Toluene	106		-		70-130	-		
1,3-Dichloropropane	89		-		70-130	-		
2-Hexanone	126		-		70-130	-		
Dibromochloromethane	116		-		70-130	-		
1,2-Dibromoethane	107		-		70-130	-		
Butyl Acetate	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2115386

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1482189-3								
Octane	94		-		70-130	-		
Tetrachloroethene	107		-		70-130	-		
1,1,1,2-Tetrachloroethane	99		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	116		-		70-130	-		
p/m-Xylene	114		-		70-130	-		
Bromoform	116		-		70-130	-		
Styrene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	114		-		70-130	-		
o-Xylene	116		-		70-130	-		
1,2,3-Trichloropropane	90		-		70-130	-		
Nonane (C9)	98		-		70-130	-		
Isopropylbenzene	96		-		70-130	-		
Bromobenzene	92		-		70-130	-		
o-Chlorotoluene	96		-		70-130	-		
n-Propylbenzene	99		-		70-130	-		
p-Chlorotoluene	98		-		70-130	-		
4-Ethyltoluene	102		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
tert-Butylbenzene	100		-		70-130	-		
1,2,4-Trimethylbenzene	112		-		70-130	-		
Decane (C10)	106		-		70-130	-		
Benzyl chloride	115		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER RD

Project Number: Not Specified

Lab Number: L2115386

Report Date: 04/05/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1482189-3								
1,3-Dichlorobenzene	112		-		70-130	-		
1,4-Dichlorobenzene	109		-		70-130	-		
sec-Butylbenzene	95		-		70-130	-		
p-Isopropyltoluene	92		-		70-130	-		
1,2-Dichlorobenzene	111		-		70-130	-		
n-Butylbenzene	107		-		70-130	-		
1,2-Dibromo-3-chloropropane	95		-		70-130	-		
Undecane	112		-		70-130	-		
Dodecane (C12)	123		-		70-130	-		
1,2,4-Trichlorobenzene	119		-		70-130	-		
Naphthalene	101		-		70-130	-		
1,2,3-Trichlorobenzene	103		-		70-130	-		
Hexachlorobutadiene	117		-		70-130	-		

Project Name: 136 FULLER RD

Project Number:

Serial_No:04052115:47
Lab Number: L2115386

Report Date: 04/05/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2115386-01	STACK EFFLUENT	803	1.0L Can	03/10/21	342671	L2110586-02	Pass	-29.1	-3.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
Client ID: CAN 853 SHELF 2
Sample Location:

Date Collected: 03/03/21 16:00
Date Received: 03/04/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 03/06/21 18:03
Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 03/06/21 18:03
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.050	0.050	--	0.188	0.188	--	B	1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2110586
Report Date: 04/05/21

Air Canister Certification Results

Lab ID: L2110586-02
 Client ID: CAN 853 SHELF 2
 Sample Location:

Date Collected: 03/03/21 16:00
 Date Received: 03/04/21
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	97		60-140



Project Name: 136 FULLER RD

Project Number: Not Specified

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler Custody Seal

N/A Absent

Container Information

Container ID Container Type

L2115386-01A Canister - 1 Liter

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
N/A	NA			Y	Absent		TO15-LL(30)

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

Data Qualifiers

the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: 136 FULLER RD
Project Number: Not Specified

Lab Number: L2115386
Report Date: 04/05/21

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

