

September 18, 2023

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: Second Quarter 2023 Groundwater Monitoring and Remediation System Effluent Monitoring
136 Fuller Road BCP Site #C401055, Albany County, New York
LaBella Project # 2222575

Dear Mr. Forster:

On behalf of 136 Fuller Road LLC, c/o Redstone of Burlington, VT (Redstone), LaBella Associates DPC (LaBella) submits this 40th quarterly report since the Certificate of Completion was issued for the above-referenced Site. This report provides: 1) the monitoring results for the second quarter groundwater sampling event that was conducted on June 20 and 21, 2023, and 2) effluent monitoring data for the total fluids extraction (TFE) remediation system for the months of April, May, and June 2023, 3) total cumulative removal quantities for the compounds of concern, and 4) operation and maintenance summary of the TFE system and annual inspection observations. In addition, this letter documents emergency repair work to the sub slab depressurization system (SSDS), performed by LaBella in May 2023, and emergency subsurface fire suppression system repairs, that the owner performed in June 2023.

- Annual groundwater sampling for the second quarter of 2023 (March) was performed consistent with the current NYSDEC-approved Site Management Plan (SMP). The accessible groundwater monitoring wells on-Site were gauged to determine depth to groundwater. This data was used to create a Site-wide groundwater contour map, attached as **Figure 1**. Groundwater samples were collected from quarterly monitoring well locations MW-10, MW-25, MW-27, MW-30, MW-32, and MW-33, and annual monitoring well locations MW-3, MW-7, MW-13, MW-18, MW-20, MW-29, MW-31, and MW-37. Well MW-9 was not sampled due to insufficient water column. Second quarter 2023 groundwater field sampling data sheets are attached.
 - The second quarter 2023 groundwater contour map continues to show a general flow to the south and southeast across the Site.
 - The analytical results summary tables for sampled wells as well as the other wells that are sampled annually, and the analytical laboratory report are attached. The analytical results show continued variability in total volatile organic compound (VOC) concentrations. As requested, the spatial distribution of total chlorinated volatile organic compounds (CVOCs) in groundwater reported across the Site for the June 2023 sampling event is shown on the attached **Figure 2**. Groundwater data for the March 2023 quarterly, December 2022 quarterly, and September 2022 quarterly groundwater sampling events are also shown on **Figure 2**.
 - Analytical results demonstrate that the CVOC plume continues to be contained and captured around active recovery wells in the remediation area beneath the northern interior and exterior portion of the building. Continued elevated concentrations of CVOCs observed in MW-27 and MW-32 since December 2022 suggest that contaminants in these well locations are being drawn in and captured by adjacent recovery wells at an increased efficiency due to continued operational maintenance of TFE recovery wells and



equipment during the second quarter 2023. Recovery wells R-2, R-5, R-6, R-7 and R-11 are restricting migration of the plume by providing capture and control of both upgradient and downgradient section of the CVOC plume. Total CVOC concentrations in nearby upgradient wells MW-20, MW-25, and MW-29 indicate there is no migration of contaminants onto the Site. Low CVOC concentrations in downgradient monitoring wells MW-33 and MW-37 indicate the plume is not migrating with groundwater to the south and southeast and otherwise contained near active recovery well locations. For reference, historical figures are also included for four prior years to show fluctuations in total CVOCs in groundwater over time (**Figures 3A through 3D**).

- Monthly TFE remediation system monitoring conducted during the second quarter 2023 was performed consistent with the SMP in April, May, and June 2023. Monthly effluent monitoring results for the TFE remediation system continue to show that the system is operating effectively and as designed, removing VOCs from the subsurface in the source areas and containing the plume in the active recovery areas around recovery wells R-2, R-5, R-6, R-7, R-8, and R-11.
 - Influent groundwater flow rates at the TFE system averaged 1,319 gallons per day (GPD) during the second quarter 2023, with a maximum daily average of 2,485 GPD in April 2023 and minimum daily average of 385 GPD in June 2023. Lower influent flow rates in June are likely due in part to below average precipitation during this time period resulting in decreased groundwater levels. Total effluent VOCs in water continue to be significantly less than the respective action level. TFE system influent/effluent water monitoring data is summarized in attached **Table 1**.
 - Observed monthly total VOC vapors extracted by the TFE system during the second quarter 2023 were consistent with second quarter 2022. Fluctuations of the groundwater table can influence the migration of contaminants through the unsaturated zone, and as the groundwater table falls the vapor contaminant concentrations may increase. During the second quarter 2023, effluent air flow from the TFE system averaged 166 cubic feet per minute (CFM) and observed VOC concentrations via photoionization detector (PID) field screenings averaged 12.53 part per million (ppm). Effluent VOC vapor concentrations continue to be significantly less than the respective action levels. TFE system influent/effluent vapor monitoring data is summarized in attached **Table 2**.
 - Summary charts showing vapor phase effluent concentrations, VOC mass removal rates, and total cumulative mass removed are also attached. Approximately 1,286 pounds of VOCs have been removed by the TFE remediation system between March 2011 and June 20, 2023. Total mass removal calculations for the TFE system are summarized in attached **Table 3**. The analytical laboratory reports for effluent TFE system samples collected during the second quarter 2023 are attached.
- Bi-weekly operation and maintenance checks of the TFE system were conducted by LaBella throughout the second quarter 2023. The following TFE system maintenance and repairs and TFE system down time during the second quarter 2023 are listed below:
 - Repairs and cleaning of recovery well components.
 - Monthly Traivaini® vacuum extraction pump maintenance (oil addition, separator filter checks, radiator cleaning, and influent air filter replacements).
 - Intake manifold inspections, discharge flow meter/piping repairs and replacements.
 - Bi-weekly replacement of bag filters and air intake filters.
- Periodic checks of the Site's SSDS components during the second quarter 2023 confirmed that the system is operating within design parameters. Repair of one component was required after a vertical section was physically impacted by facility operations and equipment moving nearby. On May 17, 2023, LaBella repaired a damaged section of surface and subsurface PVC conveyance



pipng and ground-level protective metal casing at vapor extraction well- 4 (VE-4) located in Zone 2 of the SVE system. VE-4 was temporarily shut-down for repairs and then returned to operation.

- An annual Site-wide inspection was conducted between June 20 and 21, 2023. Annual inspection forms are attached and indicated the following:
 - Site-wide compliance with all Institutional Controls (ICs), including Site usage.
 - Site-wide compliance with all Engineering Controls (ECs), including SSDS, HVE/SVE, and cover system. ECs are intact, good condition, and operating within design parameters.
 - Groundwater monitoring wells are in place and in adequate condition, and groundwater quality is not being compromised.
 - Site management activities have been conducted consistent with the NYSDEC-approved SMP.
 - TFE and SSDS operation, monitoring, and maintenance has continued to be conducted consistent with the SMP and the NYSDEC-approved Operation and Maintenance Plan.
 - All applicable inspection forms and other records generated for the Site during this reporting period are stored in electronic format in the overall project file. Health and safety, SMP, and O&M records are maintained in a safe and secure manner on-Site.

On June 29, 2023, LaBella provided oversight of soil disturbance associated with fire suppression water supply line repairs conducted approximately 250 feet west of the TFE system trailer along the northern side of Site building. The NYSDEC was notified of this emergency Site work on June 29, 2023. Per requirements of the SMP - Appendix A (Excavation Work Plan), a LaBella environmental professional provided contractor oversight during excavation activities by Luizzi Brothers of Albany, NY. Community Action Monitoring Program (CAMP) monitoring was not conducted due to short notice of emergency repair work and lack of CAMP equipment availability. Due to potentially contaminated material being encountered during excavation work, Labella performed visual, olfactory, and soil screening via PID to screen disturbed soil for VOCs during exploratory and repair excavation activities. No evidence of impacted soil was observed, and no excavation samples were collected for laboratory analysis. PID readings of upwind, work zone, and downwind areas did not show evidence of VOCs above background concentrations of 0.0 to 0.1 ppm and visible particulate matter (i.e., dust) was not observed during excavation activities. Total depths of the excavated area did not exceed 7 feet below ground surface (ft. bgs). Although groundwater was not encountered, as a precaution, excavation water originating from the broken water supply line was pumped into an on-Site frac tank for processing through the TFE system. Approximately 50 cubic yards of soil were removed and stockpiled on-Site, and approximately 2,000 gallons of water were pumped and stored in the on-Site frac tank. Between July 6 and 7, 2023, excavation water that was pumped from the excavation was transferred from the on-Site frac tank through the TFE system trailer for treatment prior to discharge. See image below depicting locations of frac tank, excavation work area and soil stockpile.



Per the NYSDEC-approved SMP, management of the stockpiled soil (including approximately 40 cubic yards of stockpiled soil material from January 2023 water line repair) required waste characterization sampling prior to on-Site re-use. On July 6, 2023, one soil sample was collected from each soil stockpile and submitted to Alpha Analytical Laboratory of Westborough, MA, for analyses. The image below indicates approximate locations of soil stockpiles.



Waste characterization soil samples were analyzed for Target Compound List (TCL) of VOCs via EPA method 8260. Analytical results for both samples indicated that both soil stockpiles met NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs). The waste characterization laboratory report is attached. On August 1, 2023, the NYSDEC project manager was notified of the waste characterization analytical results and proposed re-use area for soil stockpiles (depicted in image above) and approved the relocation plan to reuse stockpiled soil on-Site. This authorization correspondence is attached. During the week of August 7, 2023, Luizzi Brothers relocated soil stockpiles to the location depicted above.



The combined results of 2023 annual groundwater sampling, second quarter 2023 monthly HVE/SVE system monitoring, and annual site inspection indicate that the remedy is working effectively. Future monitoring is likely to show continued attenuation of remaining VOC impacts in groundwater and HVE/SVE influent and effluent. The third quarter 2023 groundwater sampling event is scheduled for September 2023. The second quarter 2024 annual sampling event will be reported in the next Periodic Review Report that is due on November 18, 2024.

If you have any questions, please contact Branson Fields at (518) 266-7355 or Arlette St. Romain at (518) 824-1928.

Sincerely,

Branson Fields
Environmental Scientist-LaBella Associates

Arlette St. Romain
Brownfields Program Manager, LaBella Associates

cc via email: Ms. Maureen Schuck, NYSDOH
Mr. Myles Frendel, 136 Fuller Road LLC c/o Redstone
Mr. Andrew Filippi, 136 Fuller Road LLC c/o Redstone
Ms. Kelly Statton, 136 Fuller Road LLC c/o Redstone

Attachments:

FIGURES

Figure 1 - Groundwater Contour Map (June 2023)

Figure 2 - Total CVOCs in Groundwater June 2023 (with March 2023, December 2022, and September 2022)

Figure 3A- Total CVOCs in Groundwater June 2022 (with September and December 2022, and March 2023)

Figure 3B - Total CVOCs in Groundwater June 2021 (with August and December 2021, and April 2022)

Figure 3C - Total CVOCs in Groundwater June 2020 (with August and December 2020, and March 2021)

Figure 3D- Total CVOCs in Groundwater June 2019 (with September and December 2019 and March 2020)

Groundwater Analytical Results Summary Tables

TFE System Data Summary Tables:

Table 1 - TFE System Influent/Effluent Water Monitoring

Table 2 - TFE System Influent/Effluent Air Monitoring

Table 3 - TFE System Total Mass Removal Calculations

Chart - Total VOCs in Air Stack Exhaust (December 2011 through June 2023)

Chart - HVE/SVE System VOC Mass Removal (December 2011 through June 2023)

Second Quarter 2023 Groundwater Sampling Field Data Sheets

2023 Annual Site Inspections Forms





Groundwater Monitoring: York Analytical Laboratory Report

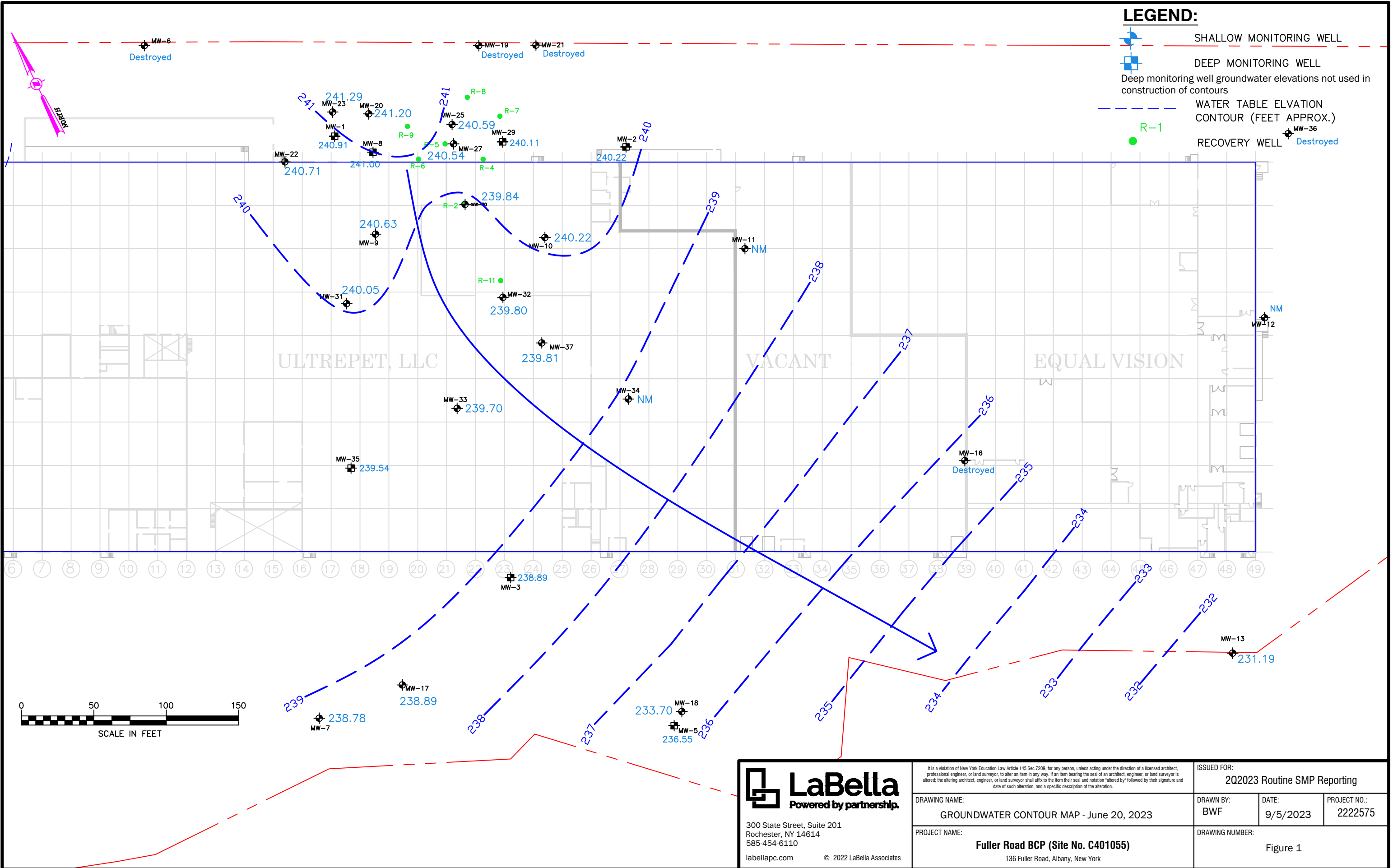
TFE System Monitoring: Alpha Analytical Laboratory Reports

Waste Characterization Soil Sampling: Alpha Analytical Laboratory Report

NYSDEC Soil Re-Use Authorization Correspondence

LEGEND:

-  SHALLOW MONITORING WELL
-  DEEP MONITORING WELL
- Deep monitoring well groundwater elevations not used in construction of contours
-  WATER TABLE ELEVATION CONTOUR (FEET APPROX.)
-  RECOVERY WELL



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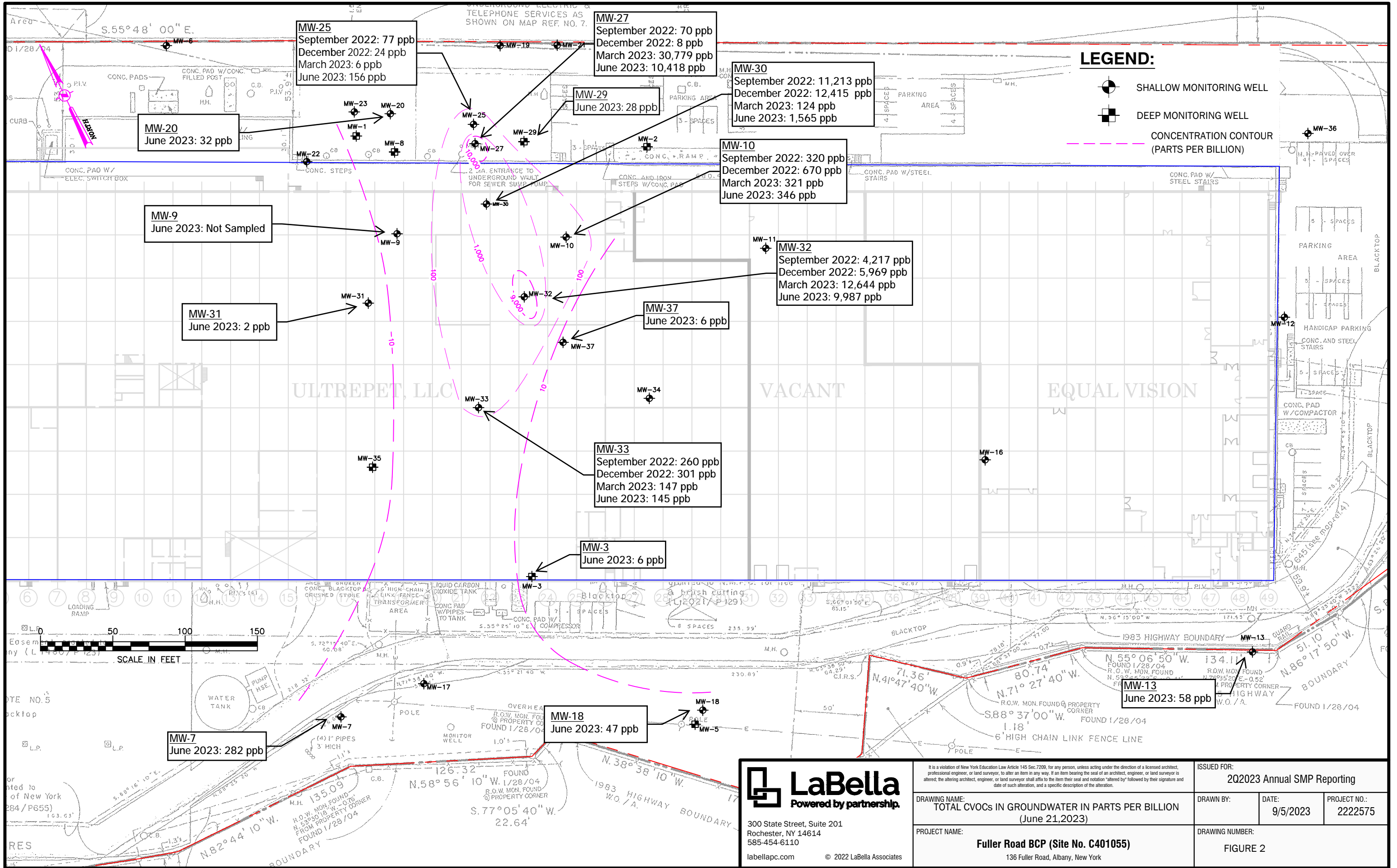
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DRAWING NAME: GROUNDWATER CONTOUR MAP - June 20, 2023		
PROJECT NAME: Fuller Road BCP (Site No. C401055) 136 Fuller Road, Albany, New York		

ISSUED FOR: 2023 Routine SMP Reporting		
DRAWN BY: BWF	DATE: 9/5/2023	PROJECT NO.: 2222575
DRAWING NUMBER: Figure 1		

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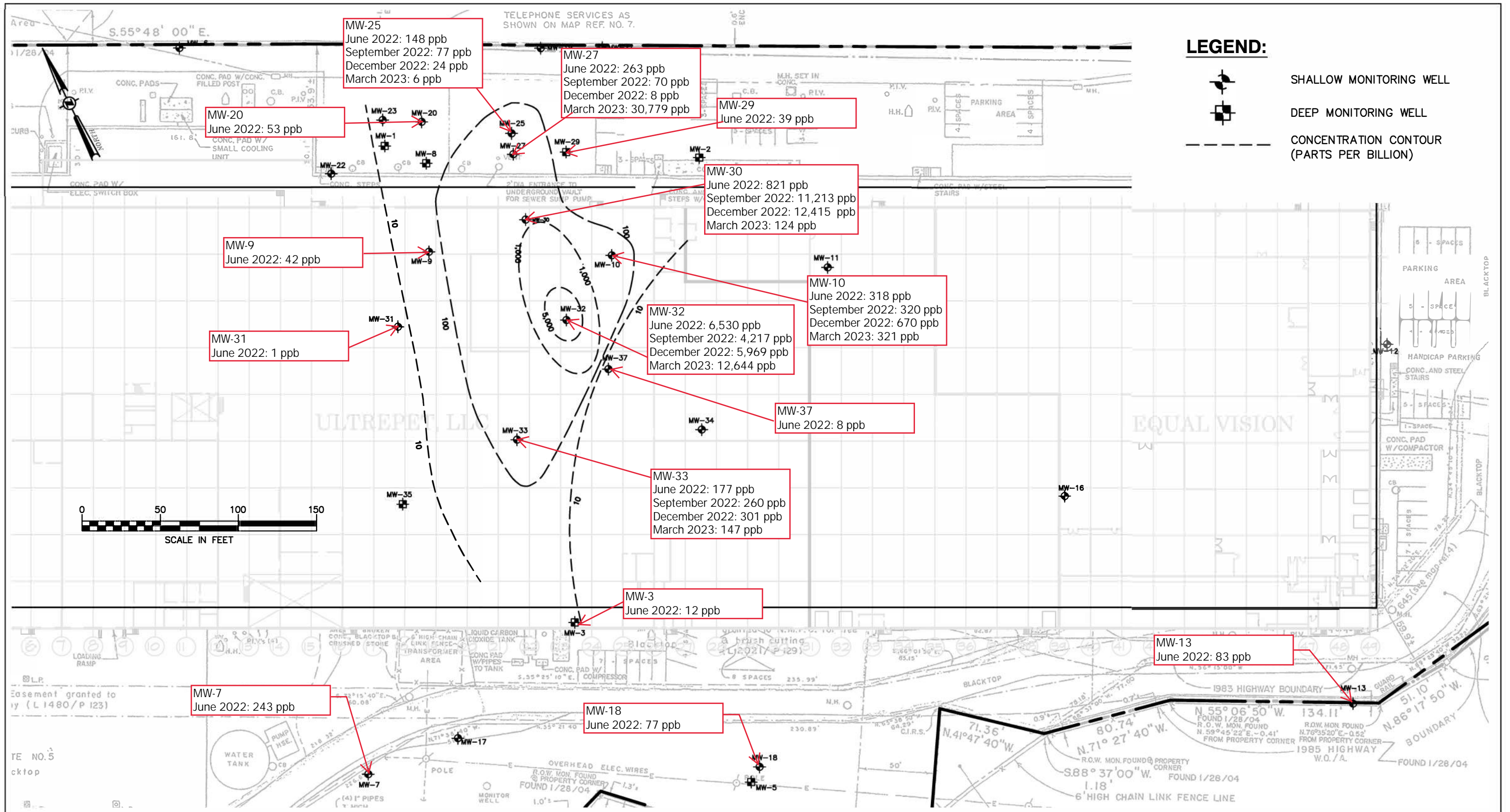
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DRAWING NAME:
TOTAL CVOCs IN GROUNDWATER IN PARTS PER BILLION (June 21, 2023)

PROJECT NAME:
Fuller Road BCP (Site No. C401055)
136 Fuller Road, Albany, New York

ISSUED FOR: 2Q2023 Annual SMP Reporting		
DRAWN BY:	DATE: 9/5/2023	PROJECT NO.: 2222575
DRAWING NUMBER: FIGURE 2		



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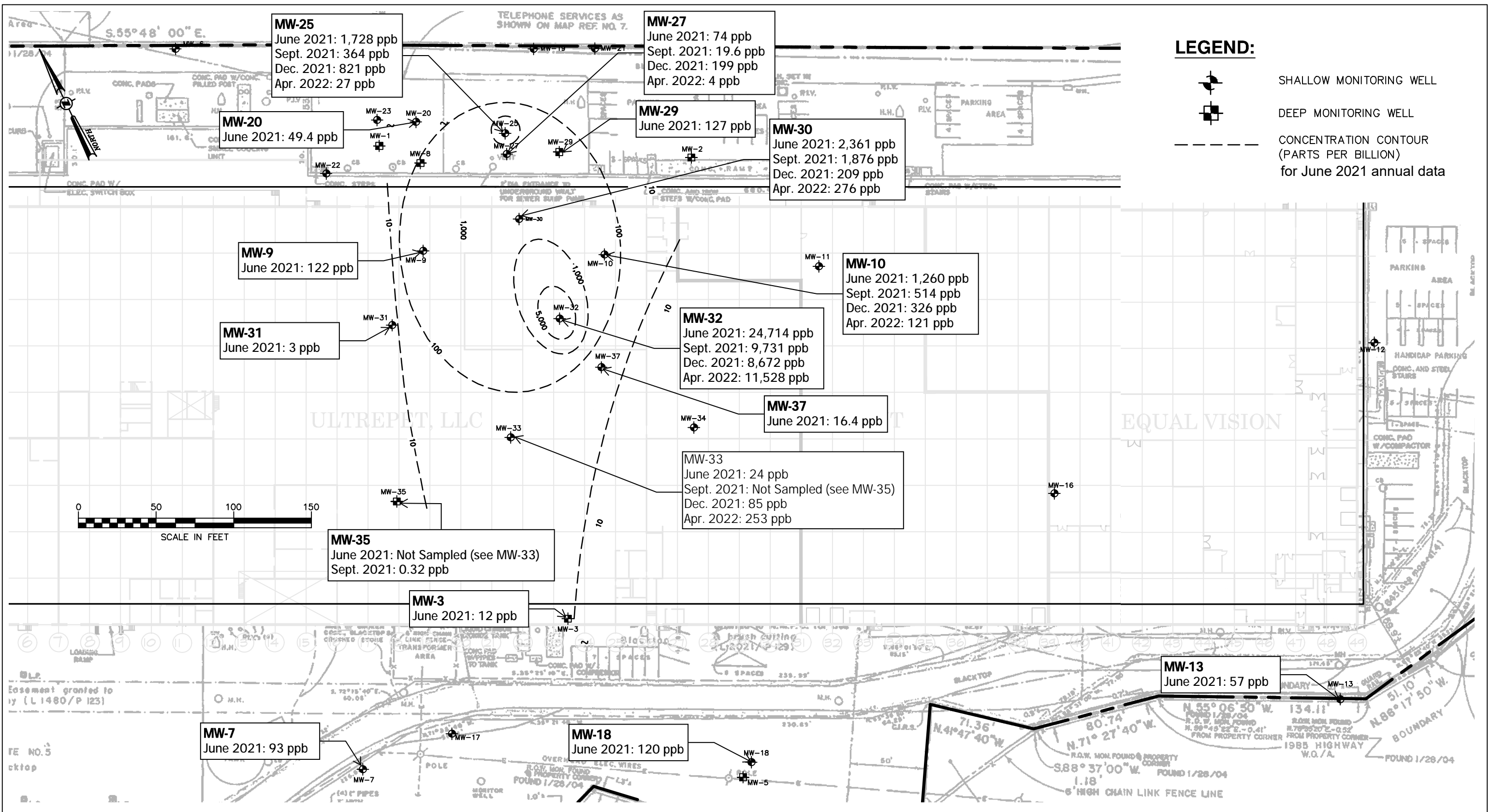
DRAWING NAME:
TOTAL CVOCs IN GROUNDWATER IN PARTS PER BILLION (JUNE 2022)

PROJECT NAME:
Fuller Road BCP (Site No. C401055)
136 Fuller Road, Albany, New York

ISSUED FOR: Routine Reporting		
DRAWN BY: NGW	DATE: 7/7/2022	PROJECT NO.: CZ90618.00
DRAWING NUMBER: Figure 3A		

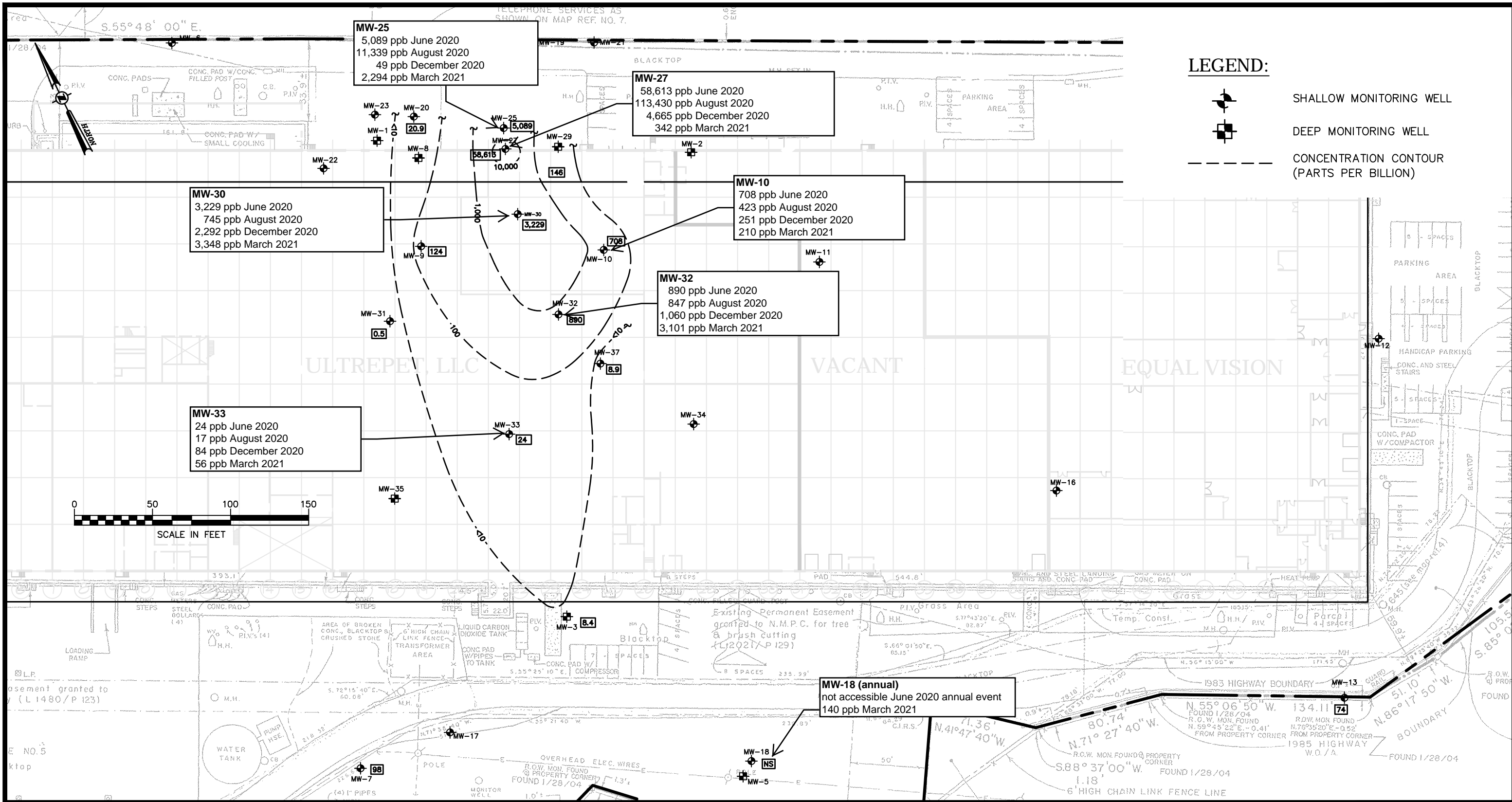
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	<p>DRAWING NAME: TOTAL CVOCs IN GROUNDWATER IN PARTS PER BILLION (April 2022)</p>		<p>DRAWN BY: EJO</p>	<p>DATE: 06/01/2022</p>	<p>PROJECT NO.: 2222575</p>
	<p>PROJECT NAME: Fuller Road BCP (Site No. C401055) 136 Fuller Road, Albany, New York</p>		<p>DRAWING NUMBER: Figure 3B</p>		

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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

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

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

MW-10
 708 ppb June 2020
 423 ppb August 2020
 251 ppb December 2020
 210 ppb March 2021

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

MW-33
 24 ppb June 2020
 17 ppb August 2020
 84 ppb December 2020
 56 ppb March 2021

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

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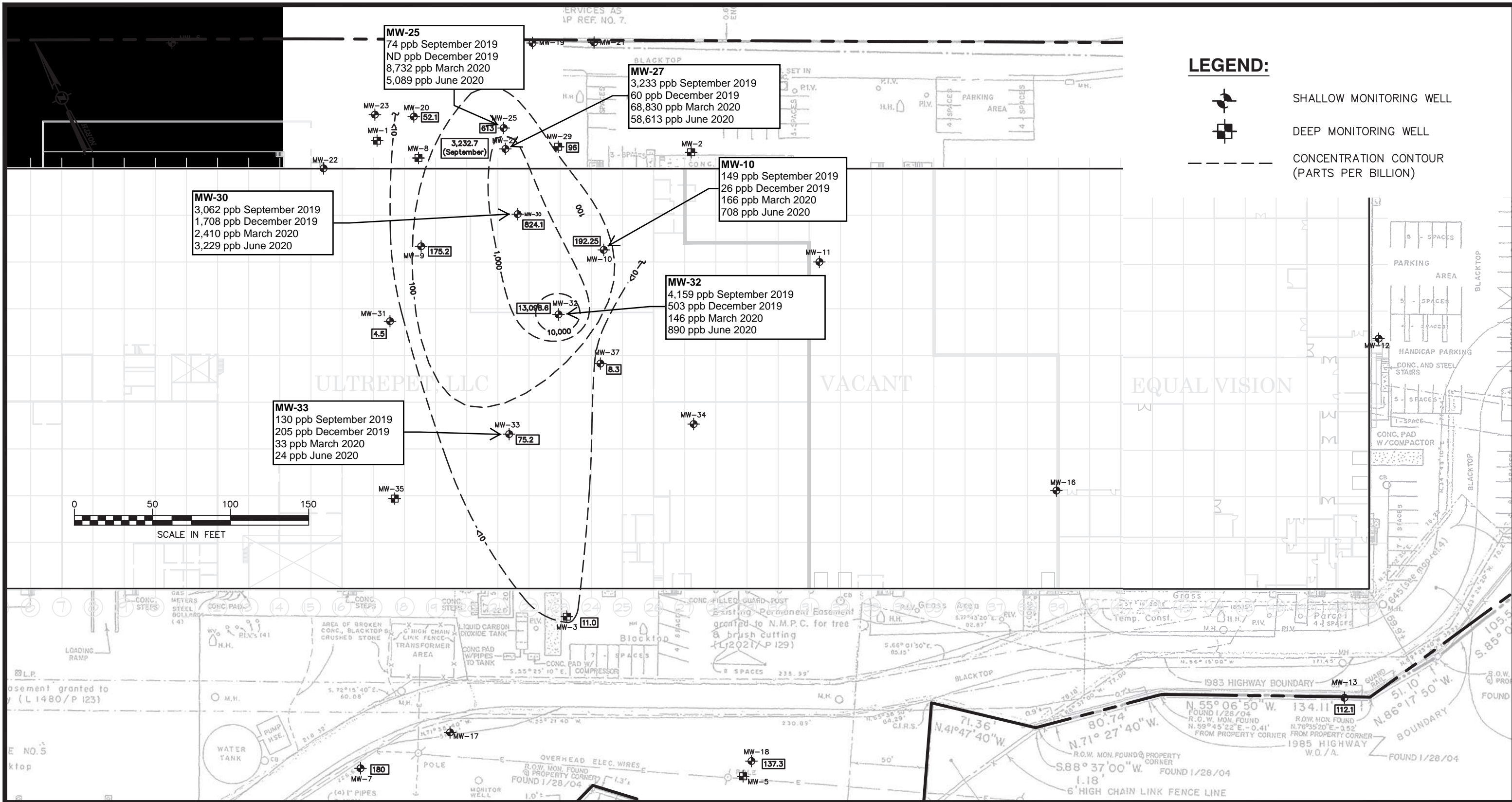
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 North Country Office: 375 Boy Road, Queensbury, New York 12804, Phone: (518) 812-0513

TOTAL CVOCs IN GROUNDWATER IN PARTS PER BILLION (JUNE 2020)
136 FULLER ROAD
 Updated in 2021 to show August and December 2020, and March 2021 Results

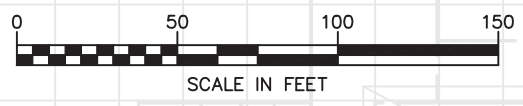
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LEGEND:

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



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**TOTAL CVOCs IN GROUNDWATER
IN PARTS PER BILLION (JUNE 2019)
136 FULLER ROAD**

Updated in 2021 to show results from 2019
Q3, 2019 Q4, 2020 Q1, and 2020 Q2.

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date 01/28/21	scale 1"=60'
project no. 90618.00	
sheet no. Figure 3D	

Groundwater Analytical Results Summary
136 Fuller Road, Albany, New York - BCP Site # C401055
LaBella Project # 2222575

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 identified as

* = 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%).

TFE Remediation System Downtime Notes:

3/16/2020 - (TFE remediation system down 3/13 through 3/18/2020 due to power outages, resolved on 3/18/2020. Normal operation before and after this time period)

6/10/2020 - (System down periodically 6/8 through 6/11/2020 due to pump malfunction, diagnosed and resolved on 6/11/2020. Normal before and after that time period)

3/12/2021 - (TFE remediation system down on this date and down on and off prior 2 weeks due to vacuum sensor errors for the TFE remediation system. Sensor errors resolved on 3/17/2021, normal operation continued)

6/16/2021 - (TFE remediation system running on 6/1/2021 but down prior to 6/15/2021 due to vacuum sensor errors. Sensor errors resolved on 6/17/2021, normal operation continued)

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C40155
 LaBella Project # 222575

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) and (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	--	18C1190-06	
		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	WELL DRY	WELL DRY	ND< 0.5	WELL DRY	WELL DRY	0.34 J	WELL DRY	WELL DRY	WELL DRY	WELL DRY	ND< 80	ND< 0.40	WELL DRY	ND< 0.20	
Carbon tetrachloride	5	ND< 0.5			ND< 0.5			ND< 0.2					ND< 80	ND< 0.40		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	na		787.30	na	na	770	na	na	na	na	6230.00	901.12	na	1,732.85	
Total Petro-VOC concentration	NS	0			0.00			0					0	1.20		0.46	
Other VOC concentration	NS	0			0			0					660	2.94		0	
Location of screen																	Across water table (243' - 238' amsl)

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C40155
 LaBella Project # 2222575

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) and (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW10 FRMW-MW10-X15 (10-15')						
		12/16/2021	4/1/2022	6/6/2022	9/22/2022	12/14/2022	3/30/2023	6/21/2023
		21L1055-01	22D0076-01	22F0429-04	22I1220-01	22L0969-01	23D0011-001	23F1500-03
Analyte	ppb	240.09	240.09	240.50	239.00	239.16	240.41	240.22
		ppb	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	11	4.3	4.4	3.3	3.9	9.4	25.0
1,1,2,2-Tetrachloroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	4.6	2.2	3.7	3.3	5.4	6.3	11.0
1,1-Dichloroethylene	5	2.8	1.6	2.2	1.4	3.0	1.9	6.3
1,2,3-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichloropropane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Butanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 1.0	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20	ND< 0.20	ND< 0.20
Acetone	50*	ND< 0.20	ND< 1.0	ND< 1.0	ND< 1.0	ND< 1.0	1.9 J	1.4 J
Benzene	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromochloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromomethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Carbon disulfide	60*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Carbon tetrachloride	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloroform	7	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	0.23 J	0.35 J	ND< 0.20
cis-1,2-Dichloroethylene	5	290	98	280	280	630	290	290
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Cyclohexane	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dibromochloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Ethyl Benzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	0.33 J	ND< 0.20
Isopropylbenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl acetate	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	ND< 1.20	ND< 0.20	0.30 J	ND< 0.20	ND< 0.20	0.34 J	ND< 0.20
Methylcyclohexane	NS	ND< 2.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methylene chloride	5	ND< 1.0	ND< 1.0	ND< 1.0	3.5	ND< 1.0	ND< 1.0	ND< 1.0
o-Xylene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
p- & m- Xylenes	5	ND< 0.50	ND< 0.20	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50
Styrene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Tetrachloroethylene	5	7.2	7.1	11	8.9	7.6	5.8	6.6
Toluene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
trans-1,2-Dichloroethylene	5	2.0	1.1	1.3	0.94	3.50	1.5	1.5
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Trichloroethylene	5	7.9	6.0	13	16	10	4.6	5.2
Trichlorofluoromethane (freon 11)	5	ND< 0.20	ND< 0.20	0.22 J	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Vinyl Chloride	2	0.93	0.81	2.0	2.6	6.3	1.1	0.5
Total VOC concentration	NS	326.43	121.11	318.12	319.94	669.93	323.52	347.50
Total CVOC concentration	NS	326.43	121.11	317.82	319.94	669.93	320.95	346.10
Total Petro-VOC concentration	NS	0.00	0.00	0.30	0.00	0.00	0.67	0.00
Other VOC concentration	NS	0.00	0.00	0.00	0.00	0.00	1.90	1.40
Location of screen		Across water table (243' - 238' amsl)						

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C401055
 LaBella Project # 2222575

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) and (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	
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											140	
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)																

Well column
full of ice - not
sampled

Well Dry -
Not sampled

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C401055
 LaBella Project # 2222575

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) and (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW27 FRMW-MW27-X10 (5-10')						
		12/16/2021	4/1/2022	6/6/2022	9/22/2022	12/14/2022	3/30/2023	6/21/2023
		21L1055-03	22D0076-03	22F0429-09	22I1220-03	22L0969-03	23D0011-03	23F1500-08
		242.01	243.54	241.22	241.06	241.67	241.52	240.54
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	3.3	ND< 0.20	1.5	0.65	1.65	330	130
1,1,2,2-Tetrachloroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,1,2-Trichloroethane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	130	ND< 11
1,1-Dichloroethane	5	3.8	ND< 0.20	8.5	6.9	ND< 0.20	190	330
1,1-Dichloroethylene	5	1.0	ND< 0.20	0.66	ND< 0.20	ND< 0.20	28	48
1,2,3-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,2,4-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,2-Dibromo-3-chloropropane	0.04	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,2-Dibromoethane	0.0006	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,2-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,2-Dichloroethane	0.6	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,2-Dichloropropane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,3-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
1,4-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
2-Butanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
2-Hexanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Acetone	50*	ND< 1.0	ND< 1.0	ND< 1.0	2.2	1.6 J	19	ND< 50
Benzene	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Bromochloromethane	5	ND< 1.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Bromodichloromethane	50*	ND< 2.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Bromoform	50*	ND< 3.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Bromomethane	5	ND< 4.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Carbon disulfide	60*	ND< 5.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Carbon tetrachloride	5	ND< 6.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Chlorobenzene	5	ND< 7.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Chloroethane	5	ND< 8.20	ND< 0.20	ND< 0.20	1.3	ND< 1.20	6	ND< 10
Chloroform	7	ND< 9.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Chloromethane	5	ND< 10.20	ND< 0.20	ND< 0.20	ND< 0.20	0.21 J	ND< 2	ND< 10
cis-1,2-Dichloroethylene	5	59	1.4	180	29	1.8	1,100	2,300
cis-1,3-Dichloropropylene	0.4*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Cyclohexane	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Dibromochloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Dichlorodifluoromethane	5	16	ND< 0.20	0.84	4.3	ND< 0.20	190	600
Ethyl Benzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	24	ND< 10
Isopropylbenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Methyl acetate	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Methyl tert-butyl ether (MTBE)	10*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Methylcyclohexane	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Methylene chloride	5	ND< 1.0	ND< 1.0	ND< 1.0	2.9	ND< 1.0	ND< 10.0	ND< 50
o-Xylene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	57	ND< 10
p- & m- Xylenes	5	ND< 0.50	ND< 0.20	ND< 0.50	ND< 0.50	ND< 0.50	77	ND< 25
Styrene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Tetrachloroethylene	5	36	1.6	25	7.4	4.6	28,000	4,600
Toluene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	27	10 J
trans-1,2-Dichloroethylene	5	0.5	ND< 0.20	0.78	0.40 J	ND< 0.20	2.2 J	ND< 10
trans-1,3-Dichloropropylene	0.4*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 2	ND< 10
Trichloroethylene	5	58	0.8	41	5.5	ND< 0.20	430	1100
Trichlorofluoromethane (freon 11)	5	17	ND< 0.20	1.7	0.6	ND< 0.20	340	1200
Vinyl Chloride	2	4.3	ND< 0.20	2.9	11	ND< 0.60	33	110
Total VOC concentration	NS	198.90	3.81	262.88	72.15	9.86	30,983.20	10,428.00
Total CVOC concentration	NS	198.90	3.81	262.88	69.95	8.26	30,779.20	10,418.00
Total Petro-VOC concentration	NS	0.00	0.00	0.00	0.00	0.00	185.00	10.00
Other VOC concentration	NS	0.00	0.00	0.00	2.20	1.60	19.00	0.00
Location of screen	On top of shallow clay (244' - 239' amsl)							

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C401055
 LaBella Project # 2222575

Sample Location Sample ID: FRMW (Fuller Rd Monitoring Well)- Well ID# (approx. depth to well bottom) and (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	6 NYCRR Part 703.5	MW30 FRMW-MW30-X20 (10-20')						
		12/16/2021	4/1/2022	6/7/2022	9/22/2022	12/14/2022	3/30/2023	6/21/2023
		21L1055-04	22D0076-04	22F0429-11	22I1220-04	22L0969-04	23D0011-03	23F1500-10
Analyte	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	16	6.3	92	260	970	4.4	85
1,1,2,2-Tetrachloroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.20	ND< 0.20	0.24 J	3.6	ND< 0.20	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	10	27	56	890	440	2.2	88
1,1-Dichloroethylene	5	9.4	2.9	8.8	82	49	0.24 J	11
1,2,3-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	ND< 0.20	0.29 J	1.5	9.7	3.2	ND< 0.20	0.7
1,2-Dichloropropane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Butanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20	ND< 0.20	ND< 0.20
Acetone	50*	ND< 1	ND< 1	1.4 J	ND< 1	2.7 J	1.6 J	ND< 1.0
Benzene	1	0.70	ND< 0.20	0.850	7.2	2.8	ND< 0.20	ND< 0.20
Bromochloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	0.670 J	ND< 0.20
Bromomethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Carbon disulfide	60*	ND< 0.20	ND< 0.20	0.52 B	1.3	ND< 0.20	ND< 0.20	ND< 0.20
Carbon tetrachloride	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	1.2	0.62	0.62	ND< 0.20
Chloroethane	5	33	7.8	44	180	120	0.36 J	28
Chloroform	7	ND< 0.20	0.28 J	ND< 0.20	ND< 0.20	0.23 J	0.73	1.5
Chloromethane	5	0.24 J	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
cis-1,2-Dichloroethylene	5	45	140	460	7,500	5,100	13	610
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Cyclohexane	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dibromochloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	1.5	0.36 J	ND< 0.20	24	24	24	4.8
Ethyl Benzene	5	3.8	1.8	7.4	39	11	11	1.9
Isopropylbenzene	5	0.59	0.34 J	0.41 J	1.7	0.94	ND< 0.20	0.26 J
Methyl acetate	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methylcyclohexane	NS	ND< 0.20	0.25 J	1	3.5	2.7	ND< 0.20	1.0
Methylene chloride	5	ND< 1.0	ND< 1.0	ND< 1.0	3.5	ND< 1.0	ND< 1.0	ND< 1.0
o-Xylene	5	2.3	0.58	7.9	90	41	ND< 0.20	10
p- & m- Xylenes	5	1.7	ND< 0.50	7	68	56	ND< 0.50	2.3
Styrene	5	ND< 0.20	ND< 0.20	0.24 J	2.9	ND< 0.20	ND< 0.20	ND< 0.20
Tetrachloroethylene	5	44	38	21	570	3,400	62	310
Toluene	5	4.6	1.2	9.5	59	44	ND< 0.20	3.2
trans-1,2-Dichloroethylene	5	1.8	0.61	5.3	90	22	ND< 0.20	3
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Trichloroethylene	5	35	16	100	1,100	1,900	15	350
Trichlorofluoromethane (freon 11)	5	ND< 0.20	ND< 0.20	ND< 0.20	19	76	1.1	1.8
Vinyl Chloride	2	13	36	32 J	480	310	ND< 0.60	71
Total VOC concentration	NS	222.63	279.71	857.06	11,485.60	12,576.19	136.92	1,583.46
Total CVOC concentration	NS	208.94	275.54	820.84	11,213.00	12,415.05	123.65	1,564.80
Total Petro-VOC concentration	NS	13.69	3.92	33.30	267.80	155.74	11.00	17.66
Other VOC concentration	NS	0.00	0.25	2.92	4.80	5.40	2.27	1.00
Location of screen	Just beneath water table (242.5' - 232.5' amsl)							

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C401055
 LaBella Project # 2222575

Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) and (Screen Interval) Sample Date Lab Sample ID Groundwater Elevation (ft.)	Sample Location 6 NYCRR Part 703.5	MW33				
		FRMW-MW33-X25 (15-25')				
		6/7/2022	9/22/2022	12/14/2022	3/30/2023	6/21/2023
Analyte	ppb	ppb	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	2.7	3.0	5.4	1.9	0.93
1,1,2,2-Tetrachloroethane	5	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20
1,1,2-Trichloroethane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	83	70	83	52	80
1,1-Dichloroethylene	5	9.3	11	12	5	8.5
1,2,3-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20
1,2-Dibromoethane	0.0006	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	ND< 0.20	0.24 J	0.34 J	0.34 J	ND< 0.20
1,2-Dichloropropane	1	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	0.34 J	0.64	0.75	0.68	0.54
2-Butanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 0.20	ND< 0.20	ND< 0.20	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< 0.20
Acetone	50*	ND< 1.0	ND< 1.0	ND< 1.0	2.9	ND< 1.0
Benzene	1	0.95	0.51	0.47 J	ND< 0.20	0.8
Bromochloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 0.20	ND< 0.20	1.2	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromomethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Carbon disulfide	60*	0.96 B	0.54	0.72	0.4 J	ND< 0.20
Carbon tetrachloride	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloroethane	5	4.1	4.4	7.7	3	6.4
Chloroform	7	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloromethane	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
cis-1,2-Dichloroethylene	5	20	66	49	21	20
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Cyclohexane	NS	0.30 J	0.40 J	ND< 0.20	0.28 J	0.26 J
Dibromochloromethane	50*	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	9.2	25	24	8.6	4.5
Ethyl Benzene	5	0.39 J	1.4	1.5	1.2	0.34 J
Isopropylbenzene	5	0.64	0.95	0.64	0.7	0.54
Methyl acetate	NS	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	ND< 0.20	ND< 0.20	0.25 J	ND< 0.20	ND< 0.20
Methylcyclohexane	NS	0.67	0.78	0.84	0.75	0.38 J
Methylene chloride	5	ND< 1.0	2.1	ND< 1.0	ND< 1.0	ND< 1.0
o-Xylene	5	1.9	2.1	0.73	0.39 J	ND< 0.20
p- & m- Xylenes	5	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50
Styrene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Tetrachloroethylene	5	18	17	36	30	18
Toluene	5	ND< 0.20	0.33 J	ND< 0.20	ND< 0.20	ND< 0.20
trans-1,2-Dichloroethylene	5	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Trichloroethylene	5	5.8	10	15	10	5
Trichlorofluoromethane (freon 11)	5	25	50	65	14	ND< 0.20
Vinyl Chloride	2	ND< 0.20	0.72	0.99	0.58	0.58
Total VOC concentration	NS	183.25	267.11	305.53	153.52	146.77
Total CVOC concentration	NS	177.44	260.10	300.38	146.90	144.45
Total Petro-VOC concentration	NS	3.88	5.29	3.59	2.29	1.68
Other VOC concentration	NS	1.93	1.72	1.56	4.33	0.64
Location of screen	Just beneath water table (237.5' - 227.5' amsl)					

Groundwater Analytical Results Summary
136 Fuller Road, Albany, New York - BCP Site # C401055
LaBella Project # 2222575

Sample ID: FRMW (Fuller Rd Monitoring Well)-Well ID# (approx. depth to well bottom) and (Screen Interval)	Sample Location 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	06/15/21	6/6/2022	6/21/2023
		16E1165-08	---	18F0674-08	19F0430-06	---	21C0753-02	21F0819-01	22F0429-06	23F1500-05
Sample Date		232.79	---	233.32	235.96	---	233.79	233.84	234.31	233.70
Lab Sample ID										
Groundwater Elevation (ft.)										
Analyte	ppb	ppb	---	ppb	ppb	---	ppb	ppb	ppb	ppb
1,1,1-Trichloroethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,1,2,2-Tetrachloroethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,1,2-Trichloroethane	1	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,1-Dichloroethane	5	58		38	42		20	24	14	10
1,1-Dichloroethylene	5	4.8		5.6	6.7		6.4	6.4	3.1	0.78
1,2,3-Trichlorobenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2,4-Trichlorobenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dibromo-3-chloropropane	0.04	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dibromoethane	0.0006	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichlorobenzene	3	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichloroethane	0.6	0.29 J		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,2-Dichloropropane	1	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,3-Dichlorobenzene	3	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
1,4-Dichlorobenzene	3	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Butanone	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
2-Hexanone	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Acetone	50*	3.4 CCV-E, B		ND< 5.0	26 CCV-E		11	39 CCV-E	8.3	190
Benzene	1	ND< 0.5		ND< 1.0	ND< 2.0		0.20 J	ND< 0.20	ND< 0.20	ND< 0.20
Bromochloromethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromodichloromethane	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromoform	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Bromomethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Carbon disulfide	60*	ND< 0.5	Well silted in - not sampled.	ND< 1.0	ND< 2.0	Well silted in - not sampled.	ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Carbon tetrachloride	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chlorobenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloroethane	5	1.8		ND< 1.0	ND< 2.0		ND< 0.20	0.42 J	ND< 0.20	ND< 0.20
Chloroform	7	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Chloromethane	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
cis-1,2-Dichloroethylene	5	46		50	85		20	20	51	32
cis-1,3-Dichloropropylene	0.4*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Cyclohexane	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dibromochloromethane	50*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Dichlorodifluoromethane	5	0.80		ND< 1.0	ND< 2.0		0.25 CCV-E, ICV-E, QL-Q2, J	ND< 0.20	ND< 0.20	ND< 0.20
Ethyl Benzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Isopropylbenzene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl acetate	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methyl tert-butyl ether (MTBE)	10*	0.35 J		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methylcyclohexane	NS	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Methylene chloride	5	ND< 2.0		ND< 5.0	ND< 10.0		ND< 1	ND< 1	ND< 1.0	ND< 1.0
o-Xylene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
p- & m- Xylenes	5	ND< 1.0		ND< 2.5	ND< 5.0		ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50
Styrene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Tetrachloroethylene	5	2.3		1.2 QL-Q2, J	ND< 2.0		0.83	0.79	1.2	0.74
Toluene	5	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
trans-1,2-Dichloroethylene	5	0.51		ND< 1.0	ND< 2.0		1.2	1.2	0.79	0.69
trans-1,3-Dichloropropylene	0.4*	ND< 0.5		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Trichloroethylene	5	5.1		2.6 QL-Q2	3.6 J		4.1	4.2 Cal-E	2.2	1.1
Trichlorofluoromethane (freon 11)	5	0.24 J		ND< 1.0	ND< 2.0		ND< 0.20	ND< 0.20	ND< 0.20	ND< 0.20
Vinyl Chloride	2	0.52		ND< 1.0	ND< 2.0		2.6	2.6	4.2	2.0
Total VOC concentration	NS	124	0	97	163	0	152	159	85	237
Total CVOC concentration	NS	120	0	97	137.3	0	140	120	76.5	47.3
Total Petro-VOC concentration	NS	0	0	0	0	0	0	0	0	0
Other VOC concentration	NS	3	0	0	26	0	11	39	8	190
Location of screen		Across water table (238.5' - 228.5' amsl)								

Groundwater Analytical Results Summary
 136 Fuller Road, Albany, New York - BCP Site # C401055
 LaBella Project # 2222575

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	MW37					
		FRMW-MW37-X24 (15-25')					
		6/13/2018	6/11/2019	6/11/2020	6/15/2021	6/7/2022	6/21/2023
		18F0674-02	19F0430-14	20F0477-14	21F0819-07	22F0429-15	23F1500-14
		237.98	239.82	239.49	239.00	239.98	239.81
Analyte	ppb	ppb		ppb		ppb	
1,1,1-Trichloroethane	5	0.49	J	0.49	J	0.42	J
1,1,2,2-Tetrachloroethane	5	ND< 0.20		ND< 0.20		ND< 0.20	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND< 0.20		ND< 0.20		ND< 0.20	
1,1,2-Trichloroethane	1	ND< 0.20		ND< 0.20		ND< 0.20	
1,1-Dichloroethane	5	ND< 0.20		ND< 0.20		0.26	J
1,1-Dichloroethylene	5	ND< 0.20		ND< 0.20		ND< 0.20	
1,2,3-Trichlorobenzene	5	ND< 0.20		ND< 0.20		ND< 0.20	
1,2,4-Trichlorobenzene	5	ND< 0.20		ND< 0.20		ND< 0.20	
1,2-Dibromo-3-chloropropane	0.04	ND< 0.20		ND< 0.20		ND< 0.20	
1,2-Dibromoethane	0.0006	ND< 0.20		ND< 0.20		ND< 0.20	
1,2-Dichlorobenzene	3	ND< 0.20		ND< 0.20		ND< 0.20	
1,2-Dichloroethane	0.6	ND< 0.20		ND< 0.20	0.72	ND< 0.20	
1,2-Dichloropropane	1	ND< 0.20		ND< 0.20		ND< 0.20	
1,3-Dichlorobenzene	3	ND< 0.20		ND< 0.20		ND< 0.20	
1,4-Dichlorobenzene	3	ND< 0.20		ND< 0.20		ND< 0.20	
2-Butanone	50*	ND< 0.20		ND< 0.20		ND< 0.20	
2-Hexanone	50*	ND< 0.20		ND< 0.20		ND< 0.20	
Methyl isobutyl ketone (4-Methyl-2-pentanone)	NS	ND< 0.20		ND< 0.20	0.22	J	
Acetone	50*	ND< 1.0		ND< 1.0		ND< 1.0	
Benzene	1	ND< 0.20		ND< 0.20		ND< 0.20	
Bromochloromethane	5	ND< 0.20		ND< 0.20		ND< 0.20	
Bromodichloromethane	50*	ND< 0.20		ND< 0.20		ND< 0.20	
Bromoform	50*	ND< 0.20		ND< 0.20		ND< 0.20	
Bromomethane	5	2.2		ND< 0.20		ND< 0.20	
Carbon disulfide	60*	ND< 0.20		ND< 0.20		0.47	JB
Carbon tetrachloride	5	ND< 0.20		ND< 0.20		ND< 0.20	
Chlorobenzene	5	ND< 0.20		ND< 0.20		ND< 0.20	
Chloroethane	5	ND< 0.20		ND< 0.20		ND< 0.20	
Chloroform	7	0.47	J	0.20	J	ND< 0.20	
Chloromethane	5	ND< 0.20		ND< 0.20		ND< 0.20	
cis-1,2-Dichloroethylene	5	0.56		0.83		0.44	J
cis-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20		ND< 0.20		ND< 0.20	
Cyclohexane	NS	ND< 0.20		ND< 0.20		ND< 0.20	
Dibromochloromethane	50*	ND< 0.20		ND< 0.20		ND< 0.20	
Dichlorodifluoromethane	5	ND< 0.20		ND< 0.20		ND< 0.20	
Ethyl Benzene	5	ND< 0.20		ND< 0.20		ND< 0.20	
Isopropylbenzene	5	ND< 0.20		ND< 0.20		ND< 0.20	
Methyl acetate	NS	ND< 0.20		ND< 0.20		ND< 0.20	
Methyl tert-butyl ether (MTBE)	10*	0.59		0.36	J	0.38	J
Methylcyclohexane	NS	ND< 0.20		ND< 0.20		ND< 0.20	
Methylene chloride	5	ND< 1.0		ND< 1.0		ND< 1.0	
o-Xylene	5	ND< 0.20		ND< 0.20		ND< 0.20	
p- & m- Xylenes	5	ND< 0.50		ND< 0.50		ND< 0.50	
Styrene	5	ND< 0.20		ND< 0.20		ND< 0.20	
Tetrachloroethylene	5	4.9 QL-02		5.6		6.0	13
Toluene	5	ND< 0.20		ND< 0.20		ND< 0.20	
trans-1,2-Dichloroethylene	5	ND< 0.20		ND< 0.20		ND< 0.20	
trans-1,3-Dichloropropylene	0.4 ⁺	ND< 0.20		ND< 0.20		ND< 0.20	
Trichloroethylene	5	0.39 QL-02, J		0.41	J	0.45	J
Trichlorofluoromethane (freon 11)	5	1.9		0.98		1.4	0.43
Vinyl Chloride	2	ND< 0.20		ND< 0.20		ND< 0.20	
Total VOC concentration	NS	11.50		8.67		9.29	16.60
Total CVOC concentration	NS	9		8.3		8.91	16.38
Total Petro-VOC concentration	NS	1		0		0.38	0.00
Other VOC concentration	NS	2		0		0	0
	Location of screen	Just beneath water table.					

Table 3
TFE System - Total Mass Removal Calculations
136 Fuller Road, Albany New York - BCP Site # C401055
LaBella Project # 2222575

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
Month	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
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	0.00006	0.00003
Mass removed Vapor Phase	1.0659	1.2047	0.3601	1.5412	1.5908	1.6700	1.5789	0.3640	0.0669	0.8364	0.0826	0.0777
TOTAL	1.070	1.2107	0.3626	1.5451	1.5967	1.6707	1.5791	0.3645	0.0679	0.8366	0.0826	0.0777

DATE	5/1/13	5/21/13	6/18/13	7/29/13	8/20/13	9/24/13	10/29/13	1/7/14	4/29/14	5/21/14	6/30/14	7/24/14
Month	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th
Pounds Per Day												
Mass removed Liquid Phase	0.00010	0.00005	0.00018	0.00027	0.00012	0.00027	0.00023	0.00233	0.00061	0.00062	0.00099	0.00011
Mass removed Vapor Phase	0.0799	0.0692	0.0394	0.0520	0.0340	0.0590	0.0116	0.8336	0.1755	0.2297	0.3260	0.2150
TOTAL	0.0800	0.0693	0.0396	0.0523	0.0341	0.0593	0.0118	0.8360	0.1761	0.2303	0.3270	0.2151

DATE	8/28/14	9/17/14	10/22/14	11/18/14	12/18/14	2/5/15	2/25/15	3/19/15	4/16/15	5/27/15	6/26/15	7/20/15
Month	25th	26th	27th	28th	29th	30th	31st	32nd	33rd	34th	35th	36th
Pounds Per Day												
Mass removed Liquid Phase	0.00050	0.00012	0.00045	0.00057	0.00095	0.00062	0.00041	0.00076	0.00057	0.00084	0.00036	0.00029
Mass removed Vapor Phase	0.3635	0.2348	0.5499	0.3724	0.0345	0.1564	0.1957	0.2206	0.1341	0.1020	0.1618	0.1379
TOTAL	0.3640	0.2349	0.5503	0.3730	0.0354	0.1570	0.1961	0.2214	0.1347	0.1028	0.1622	0.1382

DATE	8/24/15	9/30/15	10/22/15	11/24/15	12/14/15	1/29/16	2/8/16	3/17/16	4/15/16	5/25/16	6/21/16	7/22/16
Month	37th	38th	39th	40th	41st	42nd	43rd	44th	45th	46th	47th	48th
Pounds Per Day												
Mass removed Liquid Phase	0.00026	0.00027	0.00014	0.00019	0.00005	No data	0.00012	0.00009	0.00011	0.00010	0.00001	0.00002
Mass removed Vapor Phase	0.1522	0.6102	0.2552	0.1463	0.1115	No data	0.0552	0.1025	0.1750	0.4163	0.2949	0.1940
TOTAL	0.1525	0.6104	0.2554	0.1465	0.1116	No data	0.0553	0.1026	0.1752	0.4164	0.2950	0.1940

DATE	8/19/16	11/7/16	12/15/16	1/13/17	3/7/17	3/29/17	4/28/17	5/23/17	6/21/17	7/10/17	8/24/17	9/26/17
Month	49th	50th	51st	52nd	53rd	54th	55th	56th	57th	58th	59th	60th
Pounds Per Day												
Mass removed Liquid Phase	0.00004	0.00123	0.00026	0.00125	0.00149	0.00159	0.00002	0.00017	0.00202	0.00168	0.00064	0.00072
Mass removed Vapor Phase	0.2532	0.2299	0.0885	0.5455	0.3409	0.5205	0.1461	0.4428	0.4037	0.3482	0.3101	0.3357
TOTAL	0.2533	0.2311	0.0887	0.5468	0.3424	0.5221	0.1462	0.4430	0.4057	0.3499	0.3108	0.3364

Table 3
TFE System - Total Mass Removal Calculations
136 Fuller Road, Albany New York - BCP Site # C401055
LaBella Project # 2222575

DATE	10/27/17	11/28/17	12/20/17	1/25/18	2/26/18	3/15/18	4/25/18	6/29/18	8/13/18	9/20/18	10/26/18	11/29/18
Month	61st	62nd	63rd	64th	65th	66th	67th	68th	69th	70th	71st	72nd
Pounds Per Day												
Mass removed Liquid Phase	0.00065	0.00011	0.00005	0.00079	0.00088	0.00073	0.00055	0.00178	0.00140	0.00034	0.00530	0.00020
Mass removed Vapor Phase	0.4348	0.1435	0.0932	0.1676	0.3815	0.0890	0.1447	0.2797	2.1979	0.1693	0.3516	0.4156
TOTAL	0.4355	0.1436	0.0933	0.1683	0.3823	0.0897	0.1452	0.2814	2.1993	0.1696	0.3569	0.4158

DATE	12/18/18	1/16/19	5/28/19	6/21/19	8/28/19	9/27/19	10/30/19	11/29/19	12/21/19	1/24/20	2/26/20	3/25/20
Month	73rd	74th	75th	76th	77th	78th	79th	80th	81st	82nd	83rd	84th
Pounds Per Day												
Mass removed Liquid Phase	0.00033	0.00009	0.00002	0.00015	0.00066	0.00831	0.00429	0.00300	0.00226	0.00190	0.00183	0.00179
Mass removed Vapor Phase	0.2272	0.2480	0.0177	0.0159	0.8040	0.9001	0.5455	0.3636	0.5817	0.4029	0.1792	0.2196
TOTAL	0.2276	0.2481	0.0177	0.0161	0.8047	0.9084	0.5498	0.3666	0.5840	0.4048	0.1810	0.2214

DATE	4/24/20	5/27/20	6/22/20	7/29/20	8/20/20	9/18/20	11/3/20	11/30/20	12/15/20	1/9/21	2/9/21	3/26/21
Month	85th	86th	87th	88th	89th	90th	91st	92nd	93rd	94th	95th	96th
Pounds Per Day												
Mass removed Liquid Phase	0.00177	0.00049	0.00026	0.00023	0.00106	0.00128	0.00052	0.00116	0.00155	System OFF.	0.0000001	0.0001432
Mass removed Vapor Phase	0.1919	0.1290	0.0796	0.0172	0.0241	0.0206	0.2401	0.1252	0.0712	No Sample	0.0027	0.0319
TOTAL	0.1937	0.1295	0.0798	0.0174	0.0252	0.0219	0.2407	0.1264	0.0728	Collected.	0.0027	0.0320

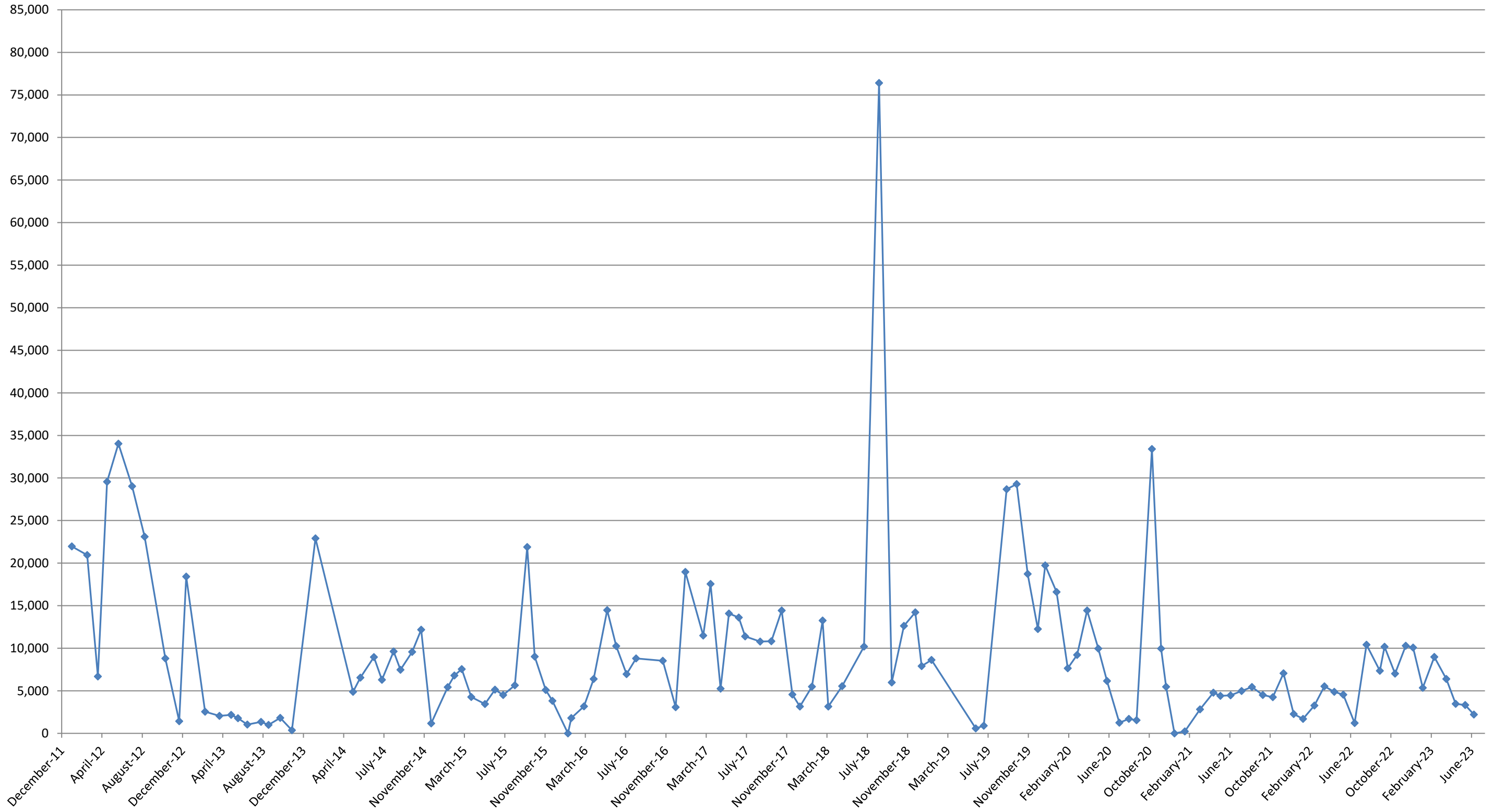
DATE	5/5/21	5/26/21	6/25/21	7/28/21	8/28/21	9/29/21	10/29/21	12/16/21	1/12/22	1/13/22	3/2/22	4/1/22
Month	97th	98th	99th	100th	101st	102nd	103rd	104th	105th	106th	107th	108th
Pounds Per Day												
Mass removed Liquid Phase	0.00069	0.00033	0.00017	0.00033	0.00035	0.00071	0.00026	0.00284	0.00014	0.00023	0.00039	0.00310
Mass removed Vapor Phase	0.0540	0.0508	0.0506	0.0684	1.2100	0.0623	0.0480	0.0838	0.0301	0.0214	0.0440	0.0784
TOTAL	0.0547	0.0511	0.0508	0.0688	1.2104	0.0630	0.0483	0.0866	0.0302	0.0216	0.0444	0.0815

DATE	4/30/22	5/27/22	6/30/22	8/4/22	9/13/22	9/27/22	10/28/22	11/29/22	12/21/22	1/19/23	2/22/23	3/30/23
Month	109th	110th	111th	112th	113th	114th	115th	116th	117th	118th	119th	120th
Pounds Per Day												
Mass removed Liquid Phase	0.00340	0.00033	0.00125	0.00021	0.00191	0.00239	0.00115	0.00150	0.00325	0.00036	0.00028	0.00032
Mass removed Vapor Phase	0.0700	0.0646	0.0192	0.1517	0.1071	0.1481	0.0884	0.1526	0.1359	0.0649	0.1252	0.1004
TOTAL	0.0734	0.0649	0.0204	0.1519	0.1090	0.1505	0.0895	0.1541	0.1391	0.0653	0.1255	0.1007

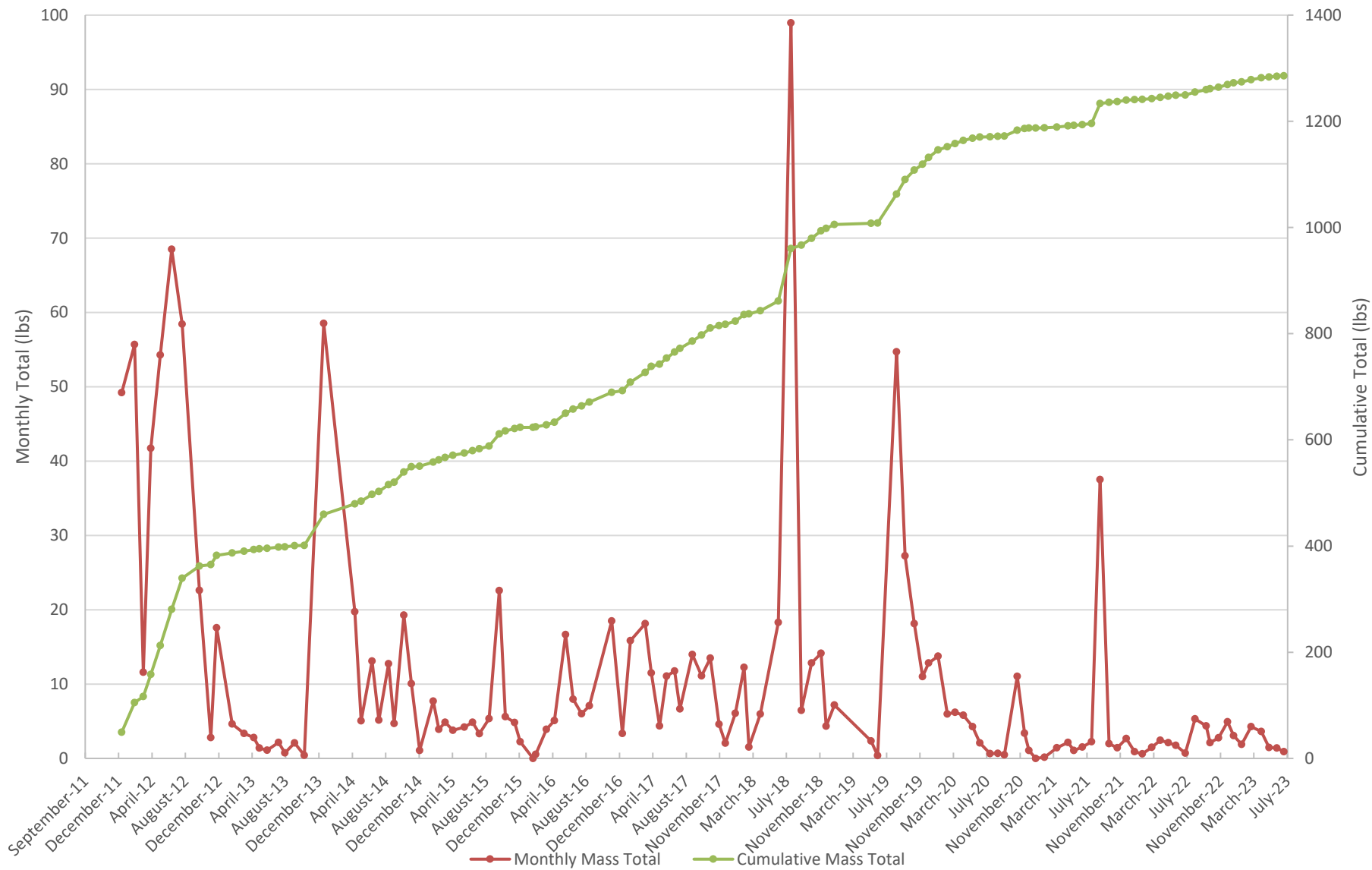
Table 3
TFE System - Total Mass Removal Calculations
136 Fuller Road, Albany New York - BCP Site # C401055
LaBella Project # 2222575

DATE	4/27/23	5/25/23	6/20/23
Month	121st	122nd	123rd
Pounds Per Day			
Mass removed Liquid Phase	0.00216	0.00013	0.00028
Mass removed Vapor Phase	0.0496	0.0502	0.0340
TOTAL	0.0518	0.0503	0.0343

Total VOCs in Air Stack Exhaust (ug/m3)
December 2011 through June 2023



HVE/SVE System VOC Mass Removal December 2011 through June 2023





Project Name: 136 Fuller Road, BCP No. C401055
 Location: Albany, NY
 Project No.: 2222575
 Sampled By: B. Fields
 Date: 6/21/23
 Weather: Sunny, 70°

WELL I.D.: MW-3

WELL SAMPLING INFORMATION	
Well Diameter:	1"
Depth of Well:	33.45
Measuring Point:	TOT (water)
Pump Type:	Peristaltic
Static Water Level:	10.12 (6/20/23)
Length of Well Screen:	16'
Depth to Top of Pump:	22' below
Tubing Type:	1/4 Poly
Sample Name:	MW-3
Sample Analysis:	ES&S VOCs
Purge Start & End time:	0922 / 0942
Sample Time:	0944

FIELD PARAMETER MEASUREMENT									
Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity	Turbidity (NTU)	Dissolved O ₂	Redox (mV)	Comments
		<0.3 ft	+/- 0.1	<0.3	(mS/cm) +/- 3%	< 50	(mg/l) 10%	+/- 10 mV	
0923	0.02	10.27	6.87	19.2	2471	NM	0.86	147.9	Replace Well
0932	↓	10.32	6.88	19.1	2584	↓	0.61	149.1	Cap.
0937	↓	10.40	6.88	19.2	2581	↓	0.55	150.0	
0942	↓	10.49	6.89	19.1	2584		0.54	150.3	
Total		1.0							

OBSERVATIONS	
Groundwater Color:	N, Clear
Odors:	None
Sheen:	None
MS/MSD: <input type="checkbox"/> if yes, which analysis:	
Blind Duplicate: <input type="checkbox"/> if yes, name:	



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY
 Project No.: 2222575
 Sampled By: B. Feeds
 Date: 6/21/23
 Weather: Sunny - 70°F

WELL I.D.: MW-7

WELL SAMPLING INFORMATION

Well Diameter:	<u>2"</u>	Static Water Level:	<u>9.16' (6/20/23)</u>	Sample Name:	<u>MW-7</u>
Depth of Well:	<u>16</u>	Length of Well Screen:	<u>16</u>	Sample Analysis:	<u>9260 UCL5</u>
Measuring Point:	<u>TOC (month)</u>	Depth to Top of Pump:	<u>16</u>	Purge Start & End time:	<u>0850 / 0905</u>
Pump Type:	<u>Peristaltic</u>	Tubing Type:	<u>1/4 poly</u>	Sample Time:	<u>0908</u>

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
0855	0.03	9.15	6.41	17.9	1237	NM	1.09	126.4	Replace g ^o
0900	↓	9.18	6.42	17.8	1314	↓	0.90	130.7	cap.
0905		9.26	6.44	17.8	1326		0.84	133.3	
Total		<u>0.75</u> Gallons Purged							

OBSERVATIONS

Groundwater Color: M. Clear | Suspended particles
 Odors: None
 Sheen: None

MS/MSD: If yes, which analysis:
 Blind Duplicate: If yes, name:



Powered by partnership.

Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 222575

Sampled By: B. Reids

Date: 6/21/23

Weather: Clouds

WELL I.D.: MW-16

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	12.46'	Sample Name:	MW-16
Depth of Well:	14.60'	Length of Well Screen:	16'	Sample Analysis:	6810 VOL5
Measuring Point:	Tide (surface)	Depth to Top of Pump:	14.60'	Purge Start & End time:	1147 / 1153
Pump Type:	Peristaltic Low-Flow	Tubing Type:	1/4" Poly	Sample Time:	1550*

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/l)	Redox (mV)	Comments
1149	0.02	<0.3 ft 13.90	+/- 0.1 6.17	<0.3 19.1	+/- 3% 527	< 50 NM	10% 0.00	+/- 10 mV 79.1	Purged Dry #
									MISD :
									PTW = 12.66'

Total 2.01 Gallons Purged

OBSERVATIONS

Groundwater Color: Clear
 Odors: Slight Hydrocarbons
 Sheen: None

MS/MSD: If yes, which analysis:
 Blind Duplicate: If yes, name:



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: B. Fields

Date: 6/21/23

Weather: P. Cloudy - 65°F

WELL I.D.: MW-13

WELL SAMPLING INFORMATION

Well Diameter: 1"	Static Water Level: 16.75' (6/20/23)	Sample Name:
Depth of Well: 19.78'	Length of Well Screen: 10'	Sample Analysis: 8200 NO3
Measuring Point: TOC	Depth to Top of Pump: 19'	Purge Start & End time: 0745 / 0750
Pump Type: Low Flow Peristaltic	Tubing Type: 1/4" Poly	Sample Time: 1610

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O2 (mg/l)	Redox (mV)	Comments
0750	0.01	<0.3 ft	+/- 0.1 6.10	<0.3 18.1	+/- 3% 2,112	< 50 NM	10% 3.11	+/- 10 mV 150.8	Dry @ 0751
									16:10 =
									D/W = 16.91

Total 46.10 Gallons Purged

OBSERVATIONS

Groundwater Color: Clear

Odors: None

Sheen: None

MS/MSD: If yes, which analysis:

Blind Duplicate: If yes, name:



Powered by partnership.

Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: B. Fields

Date: 6/21/23

Weather: P. Cloudy, ~65°F

WELL I.D.: MW-18

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	13.64'	Sample Name:	MW-18
Depth of Well:	18.70'	Length of Well Screen:	10'	Sample Analysis:	6260 VOCs
Measuring Point:	TOC (W)	Depth to Top of Pump:	18.0'	Purge Start & End time:	0815 / 0833
Pump Type:	Peristaltic - Low Flow	Tubing Type:	1/4 Poly	Sample Time:	0833

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
0820	0.03	13.78	6.70	18.2	3878	NM	1.10	100.7	
0825	↓	13.85	6.68	18.3	3865	↓	0.95	101.7	
0830		13.91	6.67	18.3	3861		0.91	101.9	

Total 0.75 Gallons Purged

OBSERVATIONS

Groundwater Color: None, suspended particles.

Odors: Organic

Sheen: None

MS/MSD: If yes, which analysis:

Blind Duplicate: If yes, name:



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: B. Fields

Date: 6/21/23

Weather: Sunny, 70°F

WELL I.D.: Mw-20

WELL SAMPLING INFORMATION

Well Diameter: 1.5"	Static Water Level: 7.73' (6/20/23)	Sample Name: Mw-20
Depth of Well: 17.63'	Length of Well Screen: 10'	Sample Analysis: 626 VOL
Measuring Point: Top (north)	Depth to Top of Pump: 17' blue	Purge Start & End time: 1003 / 1018
Pump Type: Peristaltic low-Flow	Tubing Type: 1/4" Poly	Sample Time: 1026

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
1006	0.02	7.81	6.65	18.8	1541	NM	0.48	106.8	Reflow 1.50
1013	↓	7.88	6.64	18.9	1546	↓	0.47	107.0	well Cap.
1018	↓	7.92	6.62	18.8	1552		0.47	107.7	
Total		0.75	Gallons Purged						

OBSERVATIONS

Groundwater Color: *M. Clear, suspended particles*
 Odors: *None*
 Sheen: *None*

MS/MSD: If yes, which analysis:
 Blind Duplicate: If yes, name:



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: P. Fields

Date: 6/21/23

Weather: Sunny w/20% clouds

WELL I.D.: MW-05

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	8.43' (6/20/23)	Sample Name:	B. Fields
Depth of Well:	9.31	Length of Well Screen:	10'	Sample Analysis:	PA60 VOCs
Measuring Point:	Top (north)	Depth to Top of Pump:	9' below	Purge Start & End time:	11:31 / 11:35 X
Pump Type:	Peristaltic Low-Flow	Tubing Type:	1/4" Poly	Sample Time:	10:35

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
11:34	0.02	8.20	6.36	18.7	617	NM	0.81	110.4	Pumped Dry at DNW = 8.54' (10:35)

Total: 2 0.25 Gallons Purged

OBSERVATIONS

Groundwater Color: Clear
 Odors: Slight H₂S odor
 Sheen: None

MS/MSD: If yes, which analysis:
 Blind Duplicate: If yes, name:



Project Name: 136 Fuller Road, BCP No. C401055
 Location: Albany, NY
 Project No.: 222575
 Sampled By: B. Fields
 Date: 6/21/23
 Weather: Sunny, ~20°F

WELL I.D.: MW-27

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	8.16' (6/20/23)	Sample Name:	MW-27
Depth of Well:	9.51	Length of Well Screen:	10'	Sample Analysis:	87666 VOCs
Measuring Point:	Toe (north)	Depth to Top of Pump:	9.25' blue	Purge Start & End time:	1116 / 1122
Pump Type:	Peristaltic	Tubing Type:	1/4" poly.	Sample Time:	1025

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/l)	Redox (mV)	Comments
1121	0.05	< 0.3 ft	+/- 0.1	< 0.3	+/- 3% 317	< 50 NM	10% 1.27	+/- 10 mV 179	Purge Dry * DTV = 8.30 (6/25)

Total 40.25 Gallons Purged

OBSERVATIONS

Groundwater Color: M, Clear
 Odors: V. slight H₂S
 Sheen: None

MS/MSD: If yes, which analysis:
 Blind Duplicate: If yes, name:



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: B. Scudg

Date: 6/21/23

Weather: Sunny w/ clouds

WELL I.D.: Mw-29

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	8.46'	Sample Name:	Mw-29
Depth of Well:	26.45'	Length of Well Screen:	15'	Sample Analysis:	6260 UOCS
Measuring Point:	Toe (North)	Depth to Top of Pump:	25' below	Purge Start & End time:	1071 / 1101
Pump Type:	Peristaltic low-flow	Tubing Type:	1/4" Poly	Sample Time:	1105

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
1046	6.02	8.51	6.38	18.6	617	NM*	6.91	72.9	
1051	↓	8.56	6.39	18.5	620	↓	6.64	80.1	
1056	↓	8.60	6.40	18.5	631	↓	6.61	76.5	
1101	↓	8.60	6.39	18.4	632		6.60	76.0	
Total		0.15	Gallons Purged						

OBSERVATIONS

Groundwater Color: Clear
Odors: None.
Sheen: None

MS/MSD: if yes, which analysis:
Blind Duplicate: if yes, name:



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: B. Reids

Date: 6/21/23

Weather: Inclement

WELL I.D.: MW-30

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	12.81' (6/20/23)	Sample Name:	MW-30
Depth of Well:	19.641'	Length of Well Screen:	16'	Sample Analysis:	8264 J065
Measuring Point:	Tvc (note)	Depth to Top of Pump:	18' below	Purge Start & End time:	1514 / 1534
Pump Type:	Resistaltic Lowflow	Tubing Type:	1/4" Poly	Sample Time:	1537

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/l)	Redox (mV)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	10%	+/- 10 mV	
1519	0.07			19.1	340.7	nm	0.82	90.3	
1524				18.0	350.4		0.49	90.4	
1529				18.0	361.3		0.41	86.2	
1534				18.0	363.1		0.39	88.1	
Total	1.0	Gallons Purged							

OBSERVATIONS

Groundwater Color: Clear
 Odors: Hydrocarbon odor
 Sheen: None

MS/MSD: If yes, which analysis:

Blind Duplicate: If yes, name:



Project Name: 136 Fuller Road, BCP No. C401055
 Location: Albany, NY
 Project No.: 2222575
 Sampled By: B. Fields
 Date: 6/21/23
 Weather: Indefinite

WELL I.D.: MW-31

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	12.63' (6/20/23)	Sample Name:	MW-31
Depth of Well:	22.32'	Length of Well Screen:	15'	Sample Analysis:	8760 UACS
Measuring Point:	TOC (North)	Depth to Top of Pump:	20.5' bblc	Purge Start & End time:	12:20 / 12:35
Pump Type:	Peristaltic Low-Flow	Tubing Type:	1/4" Poly	Sample Time:	1238

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
1225	0.02	12.71	6.21	18.8	1127	MW	0.41	87.5	
1230	↓	12.74	6.30	18.7	1130	↓	0.37	88.1	
1235	↓	12.79	6.31	18.7	1131	↓	0.38	88.0	

Total 0.75 Gallons Purged

OBSERVATIONS

Groundwater Color: clear
 Odors: None
 Sheen: None

MS/MSD: If yes, which analysis:
 Blind Duplicate: If yes, name:



Powered by partnership.

Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 222575

Sampled By: B. Fields

Date: 6/21/23

Weather: Inclouds

WELL I.D.: Mw-32

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	12.93' (6/20/23)	Sample Name:	Mw-32
Depth of Well:	24.7'	Length of Well Screen:	15'	Sample Analysis:	BGLWS JOCs
Measuring Point:	Top (North)	Depth to Top of Pump:	23' below	Purge Start & End time:	1436 / 1451
Pump Type:	Persistive low-flow	Tubing Type:	1/2" Poly	Sample Time:	1453

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
1441	0.02	12.92	6.83	20.1	1073	n/a	0.56	201.9	
1446	↓	12.96	6.80	20.0	1101	↓	0.55	200.3	
1451	↓	12.99	6.80	20.0	1116		0.55	199.4	
		Total	0.75		Gallons Purged				

OBSERVATIONS

Groundwater Color: Clear.
 Odors: Hydrocarbon Odor
 Sheen: None

MS/MSD: if yes, which analysis:
 Blind Duplicate: if yes, name:



Powered by partnership.

Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 222575

Sampled By: B. Fields

Date: 6/21/23

Weather: Partly Cloudy

WELL I.D.: MW-33

WELL SAMPLING INFORMATION

Well Diameter:	1"	Static Water Level:	13.01' (6/20/03)	Sample Name:	MW-33
Depth of Well:	24.40'	Length of Well Screen:	10'	Sample Analysis:	ES60 VOCs.
Measuring Point:	TOC (NORTH)	Depth to Top of Pump:	23' below	Purge Start & End time:	1302 / 1317
Pump Type:	Peristaltic Low-Flow	Tubing Type:	1/2" Poly	Sample Time:	1320

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/- 0.1	Temp °C <0.3	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
1307	6.02	13.12	6.82	20.1	1238	NM	0.59	72.1	
1312	0.02	13.18	6.64	20.0	1244	↓	0.60	72.4	
1317	0.02	13.22	6.85	20.0	1251	↓	0.61	73.1	
Total		0.75	Gallons Purged						

OBSERVATIONS

Groundwater Color: Clear
 Odors: None
 Sheen: None
 MS/MSD: if yes, which analysis:
 Blind Duplicate: if yes, name:



Project Name: 136 Fuller Road, BCP No. C401055

Location: Albany, NY

Project No.: 2222575

Sampled By: B. Fuchs

Date: 6/21/20

Weather: Fine

WELL I.D.: MW-37

WELL SAMPLING INFORMATION

Well Diameter: 1" V	Static Water Level: 22.58' (6/20/20)	Sample Name: MW-37
Depth of Well: 22.82'	Length of Well Screen: 15'	Sample Analysis: 8240 VOCs
Measuring Point: TOC (meth)	Depth to Top of Pump: 20' bblc	Purge Start & End time: 1355 / 1410
Pump Type: Peristaltic low flow	Tubing Type: 1/4" Poly	Sample Time: 1413

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level <0.3 ft	pH +/-0.1	Temp °C <0.3	Conductivity (mS/cm) +/-3%	Turbidity (NTU) < 50	Dissolved O ₂ (mg/l) 10%	Redox (mV) +/- 10 mV	Comments
1400	0.02	13.10	6.55	19.9	1374	NM	1.45	240.7	
1405	0.02	13.27	6.53	19.8	1364	↓	1.37	238.2	
1410	0.02	13.31	6.53	19.8	1357		1.34	237.7	

Total 0.75 Gallons Purged

OBSERVATIONS

Groundwater Color: Clear
 Odors: None
 Sheen: None

MS/MSD: If yes, which analysis:

Blind Duplicate: If yes, name:

ANNUAL SITE INSPECTION FORM

136 Fuller Road, BCP Site C401055

City of Alban, New York

LaBella Project No. 2222575

Performed by: Bronson Fields

Date: 6/20 + 6/21/23 Time: Varies

Part 1 - Engineering Controls - Sub-Slab Depressurization System (SSDS) (circle noted condition)			
1A - Describe SSDS function: explain if not normal:	<u>normal</u>	decreased function	non-functioning
1B - Is there any damage or defect to the foundation that reduces or has the potential to reduce the effectiveness of the SSDS? (circle one)			
	<u>No</u>	Yes	If yes, describe needed repairs:
If yes, owner to notify DEC within 48 hours. Attached documentation of notification.			
1C - Describe blower conditions: (circle one)	<u>normal</u>	decreased function	non-functioning
Excess wear:	<u>none</u>	minimal (no change to system function)	non-functioning
Visual damage:	<u>none</u>	minimal (no change to system function)	non-functioning
Listen for smooth blower operation:	<u>normal</u>	inconsistent (describe)	non-functioning
Measure vacuum pressure: <u>14</u>	is it within design parameters?	<u>yes</u>	no
Measure air flow: <u>155 cfm</u>	is it within design parameters?	yes	no
1D - Is system functioning as designed to continue to be protective of human health and the environment?			
	<u>Yes</u>	No	If no, describe needed modifications:
If no, owner to notify DEC within 48 hours. Attach documentation of notification.			
Part 2 - Engineering Controls - HVE/SVE System (circle noted condition)			
2A - Is system functioning as designed to continue to be protective of human health and the environment?			
	<u>Yes</u>	No	If no, describe needed modifications:
If no, owner to notify DEC within 48 hours. Attach documentation of notification.			
2B - Review prior progress report - Do system effluent samples meet action levels?			
	<u>Yes</u>	No	If no, note system modifications made to meet action levels.
Part 3 - Engineering Controls - Cover System [asphalt at B-3 area and at least one foot of clean soil and/or building slab in source area] (circle noted condition)			
3A - Describe Cover Condition: asphalt at B-3	<u>intact</u>	damaged	not present
explain if not intact:			
soil/slab:	<u>intact</u>	damaged	not present
explain if not intact:			
3B - Is system functioning as designed to continue to be protective of human health and the environment?			
	<u>Yes</u>	No	If no, describe needed modifications:
If no, owner to notify DEC within 48 hours. Attach documentation of notification.			
3C - Is Site Cover in-tact (per Track 4)?			
	<u>Yes</u>	No	
If No, explain:			

ANNUAL SITE INSPECTION FORM

136 Fuller Road, BCP Site C401055

City of Alban, New York

LaBella Project No. 2222575

Part 4 - Institutional Controls (circle one)

4A - Site usage: Commercial Industrial (inconsistent with Environmental Easement, must be reported to DEC)
Other: _____

4B - Has the site been used for vegetable gardens or farming? (circle one) No Yes, Explain inconsistency with Environmental Easement

4C - Is site water source from a municipal source? (circle one) Yes No Explain inconsistency with Environmental Easement

4D - Is site groundwater being used for any purpose? (circle one) No Yes, Explain inconsistency with Environmental Easement, or groundwater treatment system implemented

4E - Has contaminated subsurface material been disturbed? (circle one) No Yes, explain activities and whether they were performed consistent with the Site Management Plan

4F - Have new buildings been developed in the source or groundwater plume areas? (circle one) No Yes, explain how potential impacts were monitored or mitigated

Part 5 - General Site Conditions

5A - Describe changes since last inspection

5B - Describe condition of monitoring wells and note changes or NYSDEC-approved closures since last inspection by entering data in table below (wells in sequence but not listed below were closed or destroyed prior to implementation of the SMP, or were not installed during site boring investigation activities):

Well ID (show on site map)	Intact	Damaged	Closed	Replaced	Explanation
MW-1 (west of HVE/SVE system)	X				
MW-2 (east of HVE/SVE system)	X				
MW-3 (south of building)	X				
MW-5 (south of southern driveway)	X				
MW-6 (northwest of HVE/SVE system)			X		
MW-7 (south of southern driveway)	X				
MW-8 (west of HVE/SVE system)	X				
MW-9 (inside building, northern side of UltraPet)	X				
MW-10 (inside building, northern side of UltraPet)	X				
MW-11 (inside building, northern side of UltraPet)	X				
MW-12 (east of building)	X				
MW-13 (southeastern corner of site)	X				
MW-16 (inside Equal Vision space)			X		
MW-17 (south of southern driveway)	X				
MW-18 (south of southern driveway)	X				
MW-19 (under asphalt north of HVE/SVE system)			X		
MW-20 (west of HVE/SVE system)	X				
MW-21 (under asphalt north of HVE/SVE system)			X		
MW-22 (west of HVE/SVE system)	X				

ANNUAL SITE INSPECTION FORM
 136 Fuller Road, BCP Site C401055
 City of Alban, New York
 LaBella Project No. 2222575

MW-23 (west of HVE/SVE system)	X			
MW-25 (exterior HVE/SVE treatment area)	X			
MW-27 (exterior HVE/SVE treatment area)	X			
MW-29 (exterior HVE/SVE treatment area)	X			
MW-30 (inside building, northern side of UltraPet)	X			
MW-31 (inside building, northern side of UltraPet)	X			
MW-32 (inside building, northern side of UltraPet)	X			
MW-33 (inside building, southern side of UltraPet)	X			
MW-34 (inside building, southern side of UltraPet)	X			
MW-35 (inside building, southern side of UltraPet)	X			
MW-36 (outside northeastern corner of building)	* 34		X	
MW-37 (inside building, northern side of UltraPet)	X			
RW-1 (interior HVE/SVE treatment area) Not In Use			X	
RW-2 (interior HVE/SVE treatment area)	X			
RW-3 (interior HVE/SVE treatment area) No In Use			X	
RW-4 (exterior HVE/SVE treatment area)	X			
RW-5 (exterior HVE/SVE treatment area)	X			
RW-6 (exterior HVE/SVE treatment area)	X			
RW-7 (exterior HVE/SVE treatment area)	X			
RW-8 (exterior HVE/SVE treatment area)		X		conveyance pipe break @ well.
RW-9 (exterior HVE/SVE treatment area)	X			
RW-10 (interior HVE/SVE treatment area) Not In Use			X	
RW-11 (interior HVE/SVE treatment area)	X			

Part 6 - Compliance with Excavation Work Plan and Operations & Maintenance Plan

6A - Describe site construction activities that have been conducted since last inspection (see SMP for soil management criteria) *water line repairs, former water tower removal, current water tower repairs.*

6B - Describe soil excavation and disposition (on site/off site). Map excavation areas and on site placement. *Water line repair near water tower/pump house - on-site soil reuse. Emergency water line repairs (2) north of building - on-site soil reuse.*

Part 7 - Monitoring Program

7A - Groundwater sampling event status (for four quarters preceding this inspection)

1st Quarter for Year <u>2023</u>	was completed on (date): <u>3/30</u>
2nd Quarter for Year <u>2022</u>	was completed on (date): <u>6/6</u>
3rd Quarter for Year <u>2022</u>	was completed on (date): <u>9/22</u>
4th Quarter for Year <u>2022</u>	was completed on (date): <u>12/24</u>

7B - Attach sampling reports for prior four quarterly sampling events.

7C- DEC determination that monitoring can be terminated (circle one): not yet requested requested (date)/pending _____ granted (date): _____

ANNUAL SITE INSPECTION FORM

136 Fuller Road, BCP Site C401055

City of Alban, New York

LaBella Project No. 2222575

Part 8 - Confirm that site records are up to date		
<input checked="" type="radio"/> No	<input type="radio"/> Yes	8A - Are there any changes that need to be documented in site records (e.g., change of ownership, site usage)
<input type="radio"/> No	<input checked="" type="radio"/> Yes	8B - Has DEC received 15-day advanced notice of any proposed ground intrusive activities?
<input type="radio"/> No	<input type="radio"/> Yes	8C - Has DEC received notification within 48 hours of any damage or defect to the foundation that reduces or has the potential to reduce the effectiveness of the SSDS?
<input type="radio"/> No	<input checked="" type="radio"/> Yes (Attached)	8D - Has site owner or remedial party submitted a written statement to NYSDEC certifying that (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP?

TFE /SVE Inspection Form
 136 Fuller Road, BCP No. C401055
 City of Albany, New York
 LaBella Project No. 2222575

Performed by: Bronson Fields Date/ Time: 6/20 & 6/21/23

TFE Recovery Wells						
Well ID	Diameter (in)	Total Depth (ft. btoc)	Stinger Depth (ft. btoc)	Wellhead Vacuum (in. Hg)	DTW (ft. btoc)	Notes/ Comments:
R-2	4	16.40	16		12.69'	
R-4	4	7.34	7'	Ø	DRY	OFF
R-5	4"	8.72	8'		7.69	
R-6	4"	9.32	9'		7.02	
R-7	4"	8.35	8		7.58	
R-8	4	-	-	-		Damaged, full of SMT.
R-9	4"	9.25	9'	Ø	7.90	OFF
R-11	4"	23.75	23'		12.85'	
TFE Trailer Components						
Output Status	Unit	Value	Notes/ Comments:			
TFE Vacuum	in. Hg	20				
Manifold Vacuum	in. Hg	14	Replace Gauge.			
Bleed Air Speed:	cfm	Ø	OFF			
Cyclone Pressure	PSI	13				
Air Stripper Pressure	in H2O	10				
Bag Filter Pressure	PSI	12				
Discharge Pressure	PSI	25				
Temperature	F	140				
Flow	GPM	5.7				
Total Gallons Pumped:	gal	4611.06				
TFE Air Speed	cfm	150				
TFE Exhaust (PID)	ppm	8.7				
Samples Collected?		<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Date:	6/20/23		
If yes, indicate:		<input checked="" type="checkbox"/> TFE Influent (Water)	<input checked="" type="checkbox"/> TFE Effluent (Water)	<input checked="" type="checkbox"/> TFE Effluent (Air)		
Sample ID:						
General			Yes	No	Notes/Comments:	
TFE oil level ok?			X			
Is the system running normally?			X			
Is the electrical panel secure?			X			
Are stacks and vents cleared?			X			
Does effluent air have noticable odor?			X			
Visible damage to exterior conveyance piping?				X		
Visible damage to interior conveyance piping?				X		
SVE Components						
	Pressure (in.Hg)	Inline Filter	Blower Condition	Notes/ Comments:		
Blower 1						
VE-3	3.8	Good	OK			
VE-5	3.9					
Blower 2						
VE-4	2.9	Good	OK			
VE-9	2.6					
Blower 3						
VE-7	3.8	Good	OK			
VE-8	3.1					

Notes:
 ft. btoc - feet below top of casing
 in. Hg - inches of mercury
 in. H2O - inches of water
 PSI - pressure per square inch
 GPM - gallons per minute
 cfm - cubic feet per minute
 ppm - parts per million



Technical Report

prepared for:

LaBella Associates (Latham)

4 British American Boulevard

Latham NY, 12110

Attention: Branson Fields

Report Date: 06/28/2023

Client Project ID: 2222575/08 136 Fuller Road

York Project (SDG) No.: 23F1500

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: 06/28/2023
Client Project ID: 2222575/08 136 Fuller Road
York Project (SDG) No.: 23F1500

LaBella Associates (Latham)
4 British American Boulevard
Latham NY, 12110
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 June 23, 2023 and listed below. The project was identified as your project: **2222575/08 136 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>
23F1500-01	MW-3	Ground Water	06/21/2023	06/23/2023
23F1500-02	MW-7	Ground Water	06/21/2023	06/23/2023
23F1500-03	MW-10	Ground Water	06/21/2023	06/23/2023
23F1500-04	MW-13	Ground Water	06/21/2023	06/23/2023
23F1500-05	MW-18	Ground Water	06/21/2023	06/23/2023
23F1500-06	MW-20	Ground Water	06/21/2023	06/23/2023
23F1500-07	MW-25	Ground Water	06/21/2023	06/23/2023
23F1500-08	MW-27	Ground Water	06/21/2023	06/23/2023
23F1500-09	MW-29	Ground Water	06/21/2023	06/23/2023
23F1500-10	MW-30	Ground Water	06/21/2023	06/23/2023
23F1500-11	MW-31	Ground Water	06/21/2023	06/23/2023
23F1500-12	MW-32	Ground Water	06/21/2023	06/23/2023
23F1500-13	MW-33	Ground Water	06/21/2023	06/23/2023
23F1500-14	MW-37	Ground Water	06/21/2023	06/23/2023

General Notes for York Project (SDG) No.: 23F1500

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: 

Date: 06/28/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-3

York Sample ID: 23F1500-01

York Project (SDG) No.
23F1500

Client Project ID
2222575/08 136 Fuller Road

Matrix
Ground Water

Collection Date/Time
June 21, 2023 9:44 am

Date Received
06/23/2023

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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
75-34-3	1,1-Dichloroethane	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23F1500-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 9:44 am

06/23/2023

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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 17:31	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA
127-18-4	Tetrachloroethylene	4.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 17:31	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23F1500-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 9:44 am

06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Sample Information

Client Sample ID: MW-7

York Sample ID: 23F1500-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 9:08 am

06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, and 1,1-Dichloroethylene.



Sample Information

Client Sample ID: MW-7

York Sample ID: 23F1500-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 9:08 am

06/23/2023

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	06/24/2023 08:00	06/24/2023 18:00	SMA
120-82-1	1,2,4-Trichlorobenzene	0.95		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
95-50-1	1,2-Dichlorobenzene	16		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:00	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
541-73-1	1,3-Dichlorobenzene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:00	SMA
106-46-7	1,4-Dichlorobenzene	7.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:00	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA



Sample Information

Client Sample ID: MW-7

York Sample ID: 23F1500-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 9:08 am

06/23/2023

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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
156-59-2	cis-1,2-Dichloroethylene	34		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:00	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
127-18-4	Tetrachloroethylene	33		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
79-01-6	Trichloroethylene	2.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:00	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 08:00	06/24/2023 18:00	SMA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: MW-7

York Sample ID: 23F1500-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 23F1500, 2222575/08 136 Fuller Road, Ground Water, June 21, 2023 9:08 am, 06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 17060-07-0, 2037-26-5, 460-00-4.

Sample Information

Client Sample ID: MW-10

York Sample ID: 23F1500-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 23F1500, 2222575/08 136 Fuller Road, Ground Water, June 21, 2023 3:50 pm, 06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4, 87-61-6, 120-82-1, 96-12-8, 106-93-4, 95-50-1, 107-06-2, 78-87-5, 541-73-1.



Sample Information

Client Sample ID: MW-10

York Sample ID: 23F1500-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 3:50 pm

06/23/2023

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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
67-64-1	Acetone	1.4	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
156-59-2	cis-1,2-Dichloroethylene	290		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 19:13	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA



Sample Information

Client Sample ID: MW-10

York Sample ID: 23F1500-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 3:50 pm

06/23/2023

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
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 08:00	06/24/2023 18:28	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
127-18-4	Tetrachloroethylene	6.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:28	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
156-60-5	trans-1,2-Dichloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:28	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
79-01-6	Trichloroethylene	5.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:28	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 08:00	06/24/2023 18:28	SMA
75-01-4	Vinyl Chloride	0.50		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 08:00	06/24/2023 18:28	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 08:00	06/24/2023 18:28	SMA
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %						69-130			
2037-26-5	Surrogate: SURRE: Toluene-d8	99.9 %						81-117			
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %						79-122			

Sample Information

Client Sample ID: MW-13

York Sample ID: 23F1500-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:10 pm

06/23/2023



Sample Information

Client Sample ID: MW-13

York Sample ID: 23F1500-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:10 pm

06/23/2023

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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-34-3	1,1-Dichloroethane	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA



Sample Information

Client Sample ID: MW-13

York Sample ID: 23F1500-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:10 pm

06/23/2023

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
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
156-59-2	cis-1,2-Dichloroethylene	41		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/24/2023 23:12	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
127-18-4	Tetrachloroethylene	7.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
156-60-5	trans-1,2-Dichloroethylene	0.89		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA



Sample Information

Client Sample ID: MW-13

York Sample ID: 23F1500-04

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 4:10 pm	<u>Date Received</u> 06/23/2023
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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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
79-01-6	Trichloroethylene	3.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
75-01-4	Vinyl Chloride	3.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/24/2023 23:12	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/24/2023 23:12	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	99.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						

Sample Information

Client Sample ID: MW-18

York Sample ID: 23F1500-05

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 8:33 am	<u>Date Received</u> 06/23/2023
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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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-34-3	1,1-Dichloroethane	10		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-35-4	1,1-Dichloroethylene	0.78		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA



Sample Information

Client Sample ID: MW-18

York Sample ID: 23F1500-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 8:33 am

06/23/2023

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
67-64-1	Acetone	190		ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/27/2023 09:00	06/27/2023 14:41	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-15-0	Carbon disulfide	0.64	B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
156-59-2	cis-1,2-Dichloroethylene	32		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA



Sample Information

Client Sample ID: MW-18

York Sample ID: 23F1500-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 8:33 am

06/23/2023

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:09	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
127-18-4	Tetrachloroethylene	0.74		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
156-60-5	trans-1,2-Dichloroethylene	0.69		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
79-01-6	Trichloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
75-01-4	Vinyl Chloride	2.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:09	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/26/2023 09:00	06/26/2023 15:09	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	97.1 %	81-117								



Sample Information

Client Sample ID: MW-18

York Sample ID: 23F1500-05

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 23F1500, 2222575/08 136 Fuller Road, Ground Water, June 21, 2023 8:33 am, 06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 460-00-4, Surrogate: SURR: p-Bromofluorobenzene, 99.2 %, 79-122

Sample Information

Client Sample ID: MW-20

York Sample ID: 23F1500-06

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 23F1500, 2222575/08 136 Fuller Road, Ground Water, June 21, 2023 10:20 am, 06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organic compounds like 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc.



Sample Information

Client Sample ID: MW-20

York Sample ID: 23F1500-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 10:20 am

06/23/2023

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
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
67-64-1	Acetone	5.4		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
75-15-0	Carbon disulfide	0.36	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
75-00-3	Chloroethane	4.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
156-59-2	cis-1,2-Dichloroethylene	6.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
110-82-7	Cyclohexane	0.27	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
75-71-8	Dichlorodifluoromethane	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA
100-41-4	Ethyl Benzene	10		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
98-82-8	Isopropylbenzene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA



Sample Information

Client Sample ID: MW-20

York Sample ID: 23F1500-06

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 10:20 am	<u>Date Received</u> 06/23/2023
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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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
108-87-2	Methylcyclohexane	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
95-47-6	o-Xylene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA
179601-23-1	p- & m- Xylenes	0.65	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/26/2023 09:00	06/26/2023 15:35	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
127-18-4	Tetrachloroethylene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/26/2023 09:00	06/26/2023 15:35	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
79-01-6	Trichloroethylene	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/26/2023 09:00	06/26/2023 15:35	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 15:35	SMA
1330-20-7	Xylenes, Total	0.99	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/26/2023 09:00	06/26/2023 15:35	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	106 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	98.8 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	96.5 %	79-122								

Sample Information

Client Sample ID: MW-25

York Sample ID: 23F1500-07

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 4:35 pm	<u>Date Received</u> 06/23/2023
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Volatile Organics, 8260 - TCL/SOM (low level)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-25

York Sample ID: 23F1500-07

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 4:35 pm	<u>Date Received</u> 06/23/2023
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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	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 00:36	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
75-34-3	1,1-Dichloroethane	93		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/26/2023 09:00	06/26/2023 16:02	SMA
75-35-4	1,1-Dichloroethylene	8.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 00:36	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
107-06-2	1,2-Dichloroethane	0.30	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 00:36	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
67-64-1	Acetone	4.5		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 00:36	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA



Sample Information

Client Sample ID: MW-25

York Sample ID: 23F1500-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:35 pm

06/23/2023

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
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
75-00-3	Chloroethane	4.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
156-59-2	cis-1,2-Dichloroethylene	29		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
75-71-8	Dichlorodifluoromethane	13		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 00:36	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
127-18-4	Tetrachloroethylene	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 00:36	SMA



Sample Information

Client Sample ID: MW-25

York Sample ID: 23F1500-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:35 pm

06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Sample Information

Client Sample ID: MW-27

York Sample ID: 23F1500-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:25 pm

06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,2,3-Trichlorobenzene, and 1,2,4-Trichlorobenzene.



Sample Information

Client Sample ID: MW-27

York Sample ID: 23F1500-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:25 pm

06/23/2023

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
78-93-3	2-Butanone	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
591-78-6	2-Hexanone	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
67-64-1	Acetone	ND		ug/L	50	100	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
71-43-2	Benzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
74-97-5	Bromochloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
75-27-4	Bromodichloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
75-25-2	Bromoform	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
74-83-9	Bromomethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
75-15-0	Carbon disulfide	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
108-90-7	Chlorobenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
75-00-3	Chloroethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
67-66-3	Chloroform	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
74-87-3	Chloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
156-59-2	cis-1,2-Dichloroethylene	2300		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA



Sample Information

Client Sample ID: MW-27

York Sample ID: 23F1500-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 4:25 pm

06/23/2023

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
110-82-7	Cyclohexane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
124-48-1	Dibromochloromethane	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
75-71-8	Dichlorodifluoromethane	600		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
100-41-4	Ethyl Benzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
98-82-8	Isopropylbenzene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
79-20-9	Methyl acetate	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
108-87-2	Methylcyclohexane	ND		ug/L	10	25	50	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
75-09-2	Methylene chloride	ND		ug/L	50	100	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
95-47-6	o-Xylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	25	50	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:05	SMA
100-42-5	Styrene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
127-18-4	Tetrachloroethylene	4600		ug/L	20	50	100	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 16:28	SMA
108-88-3	Toluene	10	J	ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
79-01-6	Trichloroethylene	1100		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
75-69-4	Trichlorofluoromethane	1200		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
75-01-4	Vinyl Chloride	110		ug/L	10	25	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:05	SMA
1330-20-7	Xylenes, Total	ND		ug/L	30	75	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 01:05	SMA
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.2 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.1 %			81-117						



Sample Information

Client Sample ID: MW-27

York Sample ID: 23F1500-08

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 23F1500, 2222575/08 136 Fuller Road, Ground Water, June 21, 2023 4:25 pm, 06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 460-00-4, Surrogate: SURR: p-Bromofluorobenzene, 103 %, 79-122

Sample Information

Client Sample ID: MW-29

York Sample ID: 23F1500-09

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 23F1500, 2222575/08 136 Fuller Road, Ground Water, June 21, 2023 11:05 am, 06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various compounds like 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc.



Sample Information

Client Sample ID: MW-29

York Sample ID: 23F1500-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 11:05 am

06/23/2023

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
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
75-00-3	Chloroethane	5.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
156-59-2	cis-1,2-Dichloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA



Sample Information

Client Sample ID: MW-29 **York Sample ID:** 23F1500-09
York Project (SDG) No. 23F1500 **Client Project ID** 2222575/08 136 Fuller Road **Matrix** Ground Water **Collection Date/Time** June 21, 2023 11:05 am **Date Received** 06/23/2023

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 01:33	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
127-18-4	Tetrachloroethylene	0.84		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
108-88-3	Toluene	0.62		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
79-01-6	Trichloroethylene	0.67		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
75-01-4	Vinyl Chloride	4.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 01:33	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 01:33	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.3 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.4 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: MW-30 **York Sample ID:** 23F1500-10
York Project (SDG) No. 23F1500 **Client Project ID** 2222575/08 136 Fuller Road **Matrix** Ground Water **Collection Date/Time** June 21, 2023 3:37 pm **Date Received** 06/23/2023

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

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-30

York Sample ID: 23F1500-10

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 3:37 pm	<u>Date Received</u> 06/23/2023
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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	85		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 16:55	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
75-34-3	1,1-Dichloroethane	88		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 16:55	SMA
75-35-4	1,1-Dichloroethylene	11		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
107-06-2	1,2-Dichloroethane	0.70		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23F1500-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 3:37 pm

06/23/2023

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
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
75-00-3	Chloroethane	28		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
67-66-3	Chloroform	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
156-59-2	cis-1,2-Dichloroethylene	610		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 16:55	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
75-71-8	Dichlorodifluoromethane	4.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
100-41-4	Ethyl Benzene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
98-82-8	Isopropylbenzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
108-87-2	Methylcyclohexane	1.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
95-47-6	o-Xylene	10		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
179601-23-1	p- & m- Xylenes	2.3		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:01	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
127-18-4	Tetrachloroethylene	310		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/26/2023 09:00	06/26/2023 16:55	SMA
108-88-3	Toluene	3.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23F1500-10

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 3:37 pm	<u>Date Received</u> 06/23/2023
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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	3.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:01	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:01	SMA
79-01-6	Trichloroethylene	350		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/26/2023 09:00	06/26/2023 16:55	SMA
75-69-4	Trichlorofluoromethane	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:01	SMA
75-01-4	Vinyl Chloride	71		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:01	SMA
1330-20-7	Xylenes, Total	13		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 02:01	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.2 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	79-122								

Sample Information

Client Sample ID: MW-31

York Sample ID: 23F1500-11

<u>York Project (SDG) No.</u> 23F1500	<u>Client Project ID</u> 2222575/08 136 Fuller Road	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> June 21, 2023 12:30 pm	<u>Date Received</u> 06/23/2023
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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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
75-34-3	1,1-Dichloroethane	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:30	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA



Sample Information

Client Sample ID: MW-31

York Sample ID: 23F1500-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 12:30 pm

06/23/2023

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA



Sample Information

Client Sample ID: MW-31

York Sample ID: 23F1500-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 12:30 pm

06/23/2023

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
156-59-2	cis-1,2-Dichloroethylene	0.90		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:30	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:30	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
127-18-4	Tetrachloroethylene	0.72		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:30	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
79-01-6	Trichloroethylene	0.44	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:30	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:30	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 02:30	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.9 %	69-130								



Sample Information

Client Sample ID: MW-31

York Sample ID: 23F1500-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 12:30 pm

06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Surrogate: SURR: Toluene-d8 and p-Bromofluorobenzene.

Sample Information

Client Sample ID: MW-32

York Sample ID: 23F1500-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 2:53 pm

06/23/2023

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3-Dichlorobenzene.



Sample Information

Client Sample ID: MW-32

York Sample ID: 23F1500-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 2:53 pm

06/23/2023

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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
108-10-1	4-Methyl-2-pentanone	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
108-90-7	Chlorobenzene	0.39	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
67-66-3	Chloroform	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
156-59-2	cis-1,2-Dichloroethylene	3100		ug/L	20	50	100	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/27/2023 09:00	06/27/2023 15:10	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
98-82-8	Isopropylbenzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA



Sample Information

Client Sample ID: MW-32

York Sample ID: 23F1500-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 2:53 pm

06/23/2023

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
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	0.92		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:58	SMA
108-87-2	Methylcyclohexane	2.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
95-47-6	o-Xylene	3.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 02:58	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
127-18-4	Tetrachloroethylene	4500		ug/L	20	50	100	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/27/2023 09:00	06/27/2023 15:10	SMA
108-88-3	Toluene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:58	SMA
156-60-5	trans-1,2-Dichloroethylene	28		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:58	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 02:58	SMA
79-01-6	Trichloroethylene	91		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/26/2023 09:00	06/26/2023 17:48	SMA
75-69-4	Trichlorofluoromethane	4.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:58	SMA
75-01-4	Vinyl Chloride	0.91		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 02:58	SMA
1330-20-7	Xylenes, Total	3.8		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 02:58	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	104 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	104 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	103 %	79-122								

Sample Information

Client Sample ID: MW-33

York Sample ID: 23F1500-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 1:20 pm

06/23/2023



Sample Information

Client Sample ID: MW-33

York Sample ID: 23F1500-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 1:20 pm

06/23/2023

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	0.93		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:27	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-34-3	1,1-Dichloroethane	80		ug/L	0.40	1.0	2	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/26/2023 09:00	06/26/2023 18:14	SMA
75-35-4	1,1-Dichloroethylene	8.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:27	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
106-46-7	1,4-Dichlorobenzene	0.54		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:27	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
71-43-2	Benzene	0.80		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:27	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA



Sample Information

Client Sample ID: MW-33

York Sample ID: 23F1500-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 1:20 pm

06/23/2023

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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-00-3	Chloroethane	6.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
156-59-2	cis-1,2-Dichloroethylene	20		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
110-82-7	Cyclohexane	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-71-8	Dichlorodifluoromethane	4.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
100-41-4	Ethyl Benzene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
98-82-8	Isopropylbenzene	0.54		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
108-87-2	Methylcyclohexane	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:27	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
127-18-4	Tetrachloroethylene	18		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA



Sample Information

Client Sample ID: MW-33

York Sample ID: 23F1500-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 1:20 pm

06/23/2023

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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
79-01-6	Trichloroethylene	5.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:27	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 03:27	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	99.3 %			69-130						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	93.5 %			81-117						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	103 %			79-122						

Sample Information

Client Sample ID: MW-37

York Sample ID: 23F1500-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 2:13 pm

06/23/2023

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	0.42	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
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-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA



Sample Information

Client Sample ID: MW-37

York Sample ID: 23F1500-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 2:13 pm

06/23/2023

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA



Sample Information

Client Sample ID: MW-37

York Sample ID: 23F1500-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F1500

2222575/08 136 Fuller Road

Ground Water

June 21, 2023 2:13 pm

06/23/2023

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
156-59-2	cis-1,2-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:55	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	06/24/2023 12:30	06/25/2023 03:55	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
127-18-4	Tetrachloroethylene	3.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:55	SMA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
79-01-6	Trichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:55	SMA
75-69-4	Trichlorofluoromethane	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PA	06/24/2023 12:30	06/25/2023 03:55	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	06/24/2023 12:30	06/25/2023 03:55	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,NELAC-NY12058	06/24/2023 12:30	06/25/2023 03:55	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-37

York Sample ID: 23F1500-14

York Project (SDG) No.
23F1500

Client Project ID
2222575/08 136 Fuller Road

Matrix
Ground Water

Collection Date/Time
June 21, 2023 2:13 pm

Date Received
06/23/2023

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
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.5 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			79-122						



Analytical Batch Summary

Batch ID: BF31595 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23F1500-01	MW-3	06/24/23
23F1500-02	MW-7	06/24/23
23F1500-03	MW-10	06/24/23
BF31595-BLK1	Blank	06/24/23
BF31595-BS1	LCS	06/24/23
BF31595-BSD1	LCS Dup	06/24/23

Batch ID: BF31601 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23F1500-04	MW-13	06/24/23
23F1500-07	MW-25	06/24/23
23F1500-08	MW-27	06/24/23
23F1500-09	MW-29	06/24/23
23F1500-10	MW-30	06/24/23
23F1500-11	MW-31	06/24/23
23F1500-12	MW-32	06/24/23
23F1500-13	MW-33	06/24/23
23F1500-14	MW-37	06/24/23
BF31601-BLK1	Blank	06/24/23
BF31601-BS1	LCS	06/24/23
BF31601-BSD1	LCS Dup	06/24/23

Batch ID: BF31632 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23F1500-02RE1	MW-7	06/26/23
23F1500-03RE1	MW-10	06/26/23
BF31632-BLK1	Blank	06/26/23
BF31632-BS1	LCS	06/26/23
BF31632-BSD1	LCS Dup	06/26/23

Batch ID: BF31633 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23F1500-05	MW-18	06/26/23
23F1500-06	MW-20	06/26/23
23F1500-07RE1	MW-25	06/26/23
23F1500-08RE1	MW-27	06/26/23
23F1500-10RE1	MW-30	06/26/23
23F1500-12RE1	MW-32	06/26/23
23F1500-13RE1	MW-33	06/26/23
BF31633-BLK1	Blank	06/26/23
BF31633-BS1	LCS	06/26/23



BF31633-BSD1

LCS Dup

06/26/23

Batch ID: BF31738

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23F1500-05RE1	MW-18	06/27/23
23F1500-12RE2	MW-32	06/27/23
BF31738-BLK1	Blank	06/27/23
BF31738-BS1	LCS	06/27/23
BF31738-BSD1	LCS Dup	06/27/23



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31595 - EPA 5030B

Blank (BF31595-BLK1)

Prepared & Analyzed: 06/24/2023

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	ND	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	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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31595 - EPA 5030B											
Blank (BF31595-BLK1)										Prepared & Analyzed: 06/24/2023	
Trichlorofluoromethane	ND	0.50	ug/L								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	10.2		"	10.0		102	69-130				
<i>Surrogate: SURR: Toluene-d8</i>	9.84		"	10.0		98.4	81-117				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	9.68		"	10.0		96.8	79-122				
LCS (BF31595-BS1)										Prepared & Analyzed: 06/24/2023	
1,1,1-Trichloroethane	10		ug/L	10.0		99.5	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.4		"	10.0		94.3	82-123				
1,1-Dichloroethane	9.4		"	10.0		93.5	82-129				
1,1-Dichloroethylene	9.9		"	10.0		98.6	68-138				
1,2,3-Trichlorobenzene	7.4		"	10.0		74.2	76-136	Low Bias			
1,2,4-Trichlorobenzene	8.5		"	10.0		84.9	76-137				
1,2-Dibromo-3-chloropropane	8.6		"	10.0		85.9	45-147				
1,2-Dibromoethane	9.5		"	10.0		95.4	83-124				
1,2-Dichlorobenzene	8.6		"	10.0		86.0	79-123				
1,2-Dichloroethane	9.5		"	10.0		95.4	73-132				
1,2-Dichloropropane	9.6		"	10.0		95.7	78-126				
1,3-Dichlorobenzene	8.7		"	10.0		86.6	86-122				
1,4-Dichlorobenzene	8.6		"	10.0		86.1	85-124				
2-Butanone	7.4		"	10.0		74.5	49-152				
2-Hexanone	8.2		"	10.0		81.8	51-146				
4-Methyl-2-pentanone	9.2		"	10.0		92.2	57-145				
Acetone	5.1		"	10.0		51.4	14-150				
Benzene	9.7		"	10.0		97.3	85-126				
Bromochloromethane	9.6		"	10.0		96.5	77-128				
Bromodichloromethane	9.5		"	10.0		94.8	79-128				
Bromoform	9.6		"	10.0		95.9	78-133				
Bromomethane	7.6		"	10.0		75.9	43-168				
Carbon disulfide	10		"	10.0		103	68-146				
Carbon tetrachloride	10		"	10.0		99.7	77-141				
Chlorobenzene	9.9		"	10.0		98.8	88-120				
Chloroethane	9.7		"	10.0		97.0	65-136				
Chloroform	9.5		"	10.0		94.9	82-128				
Chloromethane	9.2		"	10.0		91.6	43-155				
cis-1,2-Dichloroethylene	9.7		"	10.0		96.9	83-129				
cis-1,3-Dichloropropylene	9.2		"	10.0		92.1	80-131				
Cyclohexane	10		"	10.0		99.9	63-149				
Dibromochloromethane	9.4		"	10.0		94.1	80-130				
Dichlorodifluoromethane	10		"	10.0		104	44-144				
Ethyl Benzene	9.6		"	10.0		96.4	80-131				
Isopropylbenzene	9.3		"	10.0		93.3	76-140				
Methyl acetate	9.2		"	10.0		92.1	51-139				
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		94.9	76-135				
Methylcyclohexane	10		"	10.0		99.9	72-143				
Methylene chloride	8.4		"	10.0		84.0	55-137				
o-Xylene	9.6		"	10.0		95.9	78-130				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31595 - EPA 5030B											
LCS (BF31595-BS1)											
Prepared & Analyzed: 06/24/2023											
p- & m- Xylenes	20		ug/L	20.0		97.5	77-133				
Styrene	9.6		"	10.0		95.8	67-132				
Tetrachloroethylene	5.1		"	10.0		50.8	82-131	Low Bias			
Toluene	9.5		"	10.0		95.3	80-127				
trans-1,2-Dichloroethylene	9.8		"	10.0		97.6	80-132				
trans-1,3-Dichloropropylene	9.1		"	10.0		91.1	78-131				
Trichloroethylene	8.6		"	10.0		86.0	82-128				
Trichlorofluoromethane	10		"	10.0		101	67-139				
Vinyl Chloride	9.8		"	10.0		97.7	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.48</i>		<i>"</i>	<i>10.0</i>		<i>94.8</i>	<i>79-122</i>				
LCS Dup (BF31595-BSD1)											
Prepared & Analyzed: 06/24/2023											
1,1,1-Trichloroethane	9.6		ug/L	10.0		95.8	78-136		3.79		30
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129		0.680		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		99.9	54-165		5.26		30
1,1,2-Trichloroethane	9.5		"	10.0		94.8	82-123		0.529		30
1,1-Dichloroethane	9.0		"	10.0		90.5	82-129		3.26		30
1,1-Dichloroethylene	9.6		"	10.0		96.1	68-138		2.57		30
1,2,3-Trichlorobenzene	7.7		"	10.0		77.4	76-136		4.22		30
1,2,4-Trichlorobenzene	8.8		"	10.0		87.5	76-137		3.02		30
1,2-Dibromo-3-chloropropane	8.4		"	10.0		84.3	45-147		1.88		30
1,2-Dibromoethane	9.6		"	10.0		96.3	83-124		0.939		30
1,2-Dichlorobenzene	8.6		"	10.0		85.8	79-123		0.233		30
1,2-Dichloroethane	9.4		"	10.0		94.2	73-132		1.27		30
1,2-Dichloropropane	9.4		"	10.0		94.0	78-126		1.79		30
1,3-Dichlorobenzene	8.7		"	10.0		86.8	86-122		0.231		30
1,4-Dichlorobenzene	8.5		"	10.0		85.3	85-124		0.933		30
2-Butanone	7.5		"	10.0		74.9	49-152		0.535		30
2-Hexanone	8.3		"	10.0		82.6	51-146		0.973		30
4-Methyl-2-pentanone	9.4		"	10.0		93.5	57-145		1.40		30
Acetone	5.2		"	10.0		52.1	14-150		1.35		30
Benzene	9.5		"	10.0		95.3	85-126		2.08		30
Bromochloromethane	9.4		"	10.0		94.5	77-128		2.09		30
Bromodichloromethane	9.4		"	10.0		94.3	79-128		0.529		30
Bromoform	9.6		"	10.0		96.0	78-133		0.104		30
Bromomethane	7.3		"	10.0		73.0	43-168		3.90		30
Carbon disulfide	9.9		"	10.0		99.0	68-146		4.35		30
Carbon tetrachloride	9.7		"	10.0		96.6	77-141		3.16		30
Chlorobenzene	9.8		"	10.0		97.8	88-120		1.02		30
Chloroethane	9.5		"	10.0		94.7	65-136		2.40		30
Chloroform	9.4		"	10.0		93.8	82-128		1.17		30
Chloromethane	9.0		"	10.0		89.6	43-155		2.21		30
cis-1,2-Dichloroethylene	9.4		"	10.0		94.4	83-129		2.61		30
cis-1,3-Dichloropropylene	9.2		"	10.0		91.5	80-131		0.654		30
Cyclohexane	9.5		"	10.0		95.0	63-149		5.03		30
Dibromochloromethane	9.5		"	10.0		94.7	80-130		0.636		30
Dichlorodifluoromethane	10		"	10.0		99.5	44-144		3.94		30
Ethyl Benzene	9.5		"	10.0		94.8	80-131		1.67		30



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31595 - EPA 5030B

LCS Dup (BF31595-BSD1)

Prepared & Analyzed: 06/24/2023

Isopropylbenzene	9.1		ug/L	10.0		90.9	76-140		2.61	30	
Methyl acetate	9.1		"	10.0		91.2	51-139		0.982	30	
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		94.2	76-135		0.740	30	
Methylcyclohexane	9.6		"	10.0		95.6	72-143		4.40	30	
Methylene chloride	8.3		"	10.0		82.6	55-137		1.68	30	
o-Xylene	9.5		"	10.0		94.7	78-130		1.26	30	
p- & m- Xylenes	19		"	20.0		96.0	77-133		1.60	30	
Styrene	9.4		"	10.0		94.5	67-132		1.37	30	
Tetrachloroethylene	4.9		"	10.0		49.1	82-131	Low Bias	3.40	30	
Toluene	9.4		"	10.0		93.5	80-127		1.91	30	
trans-1,2-Dichloroethylene	9.4		"	10.0		93.6	80-132		4.18	30	
trans-1,3-Dichloropropylene	9.1		"	10.0		90.9	78-131		0.220	30	
Trichloroethylene	8.4		"	10.0		83.9	82-128		2.47	30	
Trichlorofluoromethane	9.6		"	10.0		96.1	67-139		4.97	30	
Vinyl Chloride	9.4		"	10.0		94.0	58-145		3.86	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.98		"	10.0		99.8	69-130				
Surrogate: SURR: Toluene-d8	9.81		"	10.0		98.1	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.48		"	10.0		94.8	79-122				

Batch BF31601 - EPA 5030B

Blank (BF31601-BLK1)

Prepared & Analyzed: 06/24/2023

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	ND	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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31601 - EPA 5030B

Blank (BF31601-BLK1)

Prepared & Analyzed: 06/24/2023

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/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.91		"	10.0		99.1	69-130				
Surrogate: SURRE: Toluene-d8	9.93		"	10.0		99.3	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				

LCS (BF31601-BS1)

Prepared & Analyzed: 06/24/2023

1,1,1-Trichloroethane	9.7		ug/L	10.0		97.1	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		104	54-165				
1,1,2-Trichloroethane	9.3		"	10.0		92.7	82-123				
1,1-Dichloroethane	9.1		"	10.0		91.2	82-129				
1,1-Dichloroethylene	9.8		"	10.0		97.6	68-138				
1,2,3-Trichlorobenzene	7.9		"	10.0		78.8	76-136				
1,2,4-Trichlorobenzene	9.0		"	10.0		90.4	76-137				
1,2-Dibromo-3-chloropropane	9.1		"	10.0		90.9	45-147				
1,2-Dibromoethane	9.4		"	10.0		94.3	83-124				
1,2-Dichlorobenzene	9.2		"	10.0		92.4	79-123				
1,2-Dichloroethane	9.2		"	10.0		91.6	73-132				
1,2-Dichloropropane	9.5		"	10.0		94.6	78-126				
1,3-Dichlorobenzene	9.4		"	10.0		93.5	86-122				
1,4-Dichlorobenzene	9.3		"	10.0		92.8	85-124				
2-Butanone	7.2		"	10.0		71.7	49-152				
2-Hexanone	8.0		"	10.0		79.5	51-146				
4-Methyl-2-pentanone	9.0		"	10.0		90.1	57-145				
Acetone	5.4		"	10.0		53.9	14-150				
Benzene	9.5		"	10.0		94.9	85-126				
Bromochloromethane	9.4		"	10.0		94.3	77-128				
Bromodichloromethane	9.3		"	10.0		93.0	79-128				



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

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

Batch BF31601 - EPA 5030B

LCS (BF31601-BS1)

Prepared & Analyzed: 06/24/2023

Bromoform	9.4		ug/L	10.0		94.4		78-133			
Bromomethane	7.8		"	10.0		78.1		43-168			
Carbon disulfide	10		"	10.0		100		68-146			
Carbon tetrachloride	9.7		"	10.0		97.2		77-141			
Chlorobenzene	9.8		"	10.0		97.7		88-120			
Chloroethane	9.6		"	10.0		95.8		65-136			
Chloroform	9.3		"	10.0		92.8		82-128			
Chloromethane	8.9		"	10.0		88.9		43-155			
cis-1,2-Dichloroethylene	9.1		"	10.0		90.7		83-129			
cis-1,3-Dichloropropylene	8.7		"	10.0		87.3		80-131			
Cyclohexane	9.7		"	10.0		96.9		63-149			
Dibromochloromethane	9.3		"	10.0		92.9		80-130			
Dichlorodifluoromethane	9.4		"	10.0		93.7		44-144			
Ethyl Benzene	9.4		"	10.0		94.5		80-131			
Isopropylbenzene	10		"	10.0		99.5		76-140			
Methyl acetate	8.1		"	10.0		81.4		51-139			
Methyl tert-butyl ether (MTBE)	9.1		"	10.0		91.1		76-135			
Methylcyclohexane	9.6		"	10.0		96.1		72-143			
Methylene chloride	7.8		"	10.0		78.2		55-137			
o-Xylene	9.5		"	10.0		95.0		78-130			
p- & m- Xylenes	19		"	20.0		95.0		77-133			
Styrene	9.3		"	10.0		92.7		67-132			
Tetrachloroethylene	4.9		"	10.0		49.4		82-131	Low Bias		
Toluene	9.4		"	10.0		93.8		80-127			
trans-1,2-Dichloroethylene	9.5		"	10.0		95.0		80-132			
trans-1,3-Dichloropropylene	8.6		"	10.0		86.0		78-131			
Trichloroethylene	8.5		"	10.0		85.0		82-128			
Trichlorofluoromethane	9.7		"	10.0		96.9		67-139			
Vinyl Chloride	9.4		"	10.0		93.8		58-145			
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.77		"	10.0		97.7		69-130			
Surrogate: SURRE: Toluene-d8	9.95		"	10.0		99.5		81-117			
Surrogate: SURRE: p-Bromofluorobenzene	10.3		"	10.0		103		79-122			



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

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	
		Limit			Result				Limits	RPD
Batch BF31601 - EPA 5030B										
LCS Dup (BF31601-BSD1)										
Prepared & Analyzed: 06/24/2023										
1,1,1-Trichloroethane	9.5		ug/L	10.0		95.0	78-136		2.19	30
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		1.62	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.7		"	10.0		96.7	54-165		7.27	30
1,1,2-Trichloroethane	9.3		"	10.0		93.0	82-123		0.323	30
1,1-Dichloroethane	8.9		"	10.0		89.1	82-129		2.33	30
1,1-Dichloroethylene	9.5		"	10.0		94.6	68-138		3.12	30
1,2,3-Trichlorobenzene	8.1		"	10.0		81.2	76-136		3.00	30
1,2,4-Trichlorobenzene	9.0		"	10.0		90.0	76-137		0.443	30
1,2-Dibromo-3-chloropropane	9.1		"	10.0		90.8	45-147		0.110	30
1,2-Dibromoethane	9.2		"	10.0		92.5	83-124		1.93	30
1,2-Dichlorobenzene	9.2		"	10.0		91.6	79-123		0.870	30
1,2-Dichloroethane	9.2		"	10.0		91.9	73-132		0.327	30
1,2-Dichloropropane	9.3		"	10.0		93.3	78-126		1.38	30
1,3-Dichlorobenzene	9.2		"	10.0		92.4	86-122		1.18	30
1,4-Dichlorobenzene	9.2		"	10.0		91.9	85-124		0.975	30
2-Butanone	7.4		"	10.0		73.5	49-152		2.48	30
2-Hexanone	8.0		"	10.0		80.5	51-146		1.25	30
4-Methyl-2-pentanone	9.1		"	10.0		90.7	57-145		0.664	30
Acetone	5.7		"	10.0		57.4	14-150		6.29	30
Benzene	9.4		"	10.0		93.8	85-126		1.17	30
Bromochloromethane	9.4		"	10.0		94.4	77-128		0.106	30
Bromodichloromethane	9.2		"	10.0		91.7	79-128		1.41	30
Bromoform	9.4		"	10.0		93.5	78-133		0.958	30
Bromomethane	7.7		"	10.0		76.9	43-168		1.55	30
Carbon disulfide	9.7		"	10.0		97.1	68-146		3.04	30
Carbon tetrachloride	9.5		"	10.0		95.4	77-141		1.87	30
Chlorobenzene	9.6		"	10.0		96.0	88-120		1.76	30
Chloroethane	9.4		"	10.0		93.6	65-136		2.32	30
Chloroform	9.3		"	10.0		92.7	82-128		0.108	30
Chloromethane	8.7		"	10.0		86.9	43-155		2.28	30
cis-1,2-Dichloroethylene	9.0		"	10.0		89.6	83-129		1.22	30
cis-1,3-Dichloropropylene	8.6		"	10.0		85.5	80-131		2.08	30
Cyclohexane	9.4		"	10.0		94.3	63-149		2.72	30
Dibromochloromethane	9.2		"	10.0		91.8	80-130		1.19	30
Dichlorodifluoromethane	9.1		"	10.0		91.2	44-144		2.70	30
Ethyl Benzene	9.3		"	10.0		92.6	80-131		2.03	30
Isopropylbenzene	9.8		"	10.0		97.8	76-140		1.72	30
Methyl acetate	8.1		"	10.0		80.9	51-139		0.616	30
Methyl tert-butyl ether (MTBE)	9.2		"	10.0		91.7	76-135		0.656	30
Methylcyclohexane	9.2		"	10.0		91.8	72-143		4.58	30
Methylene chloride	8.0		"	10.0		79.5	55-137		1.65	30
o-Xylene	9.2		"	10.0		92.3	78-130		2.88	30
p- & m- Xylenes	19		"	20.0		93.5	77-133		1.54	30
Styrene	9.1		"	10.0		90.9	67-132		1.96	30
Tetrachloroethylene	4.8		"	10.0		48.0	82-131	Low Bias	2.87	30
Toluene	9.2		"	10.0		92.0	80-127		1.94	30
trans-1,2-Dichloroethylene	9.3		"	10.0		92.6	80-132		2.56	30
trans-1,3-Dichloropropylene	8.4		"	10.0		84.2	78-131		2.12	30
Trichloroethylene	8.2		"	10.0		82.2	82-128		3.35	30
Trichlorofluoromethane	9.5		"	10.0		94.8	67-139		2.19	30



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31601 - EPA 5030B

LCS Dup (BF31601-BSD1)

Prepared & Analyzed: 06/24/2023

Vinyl Chloride	9.1		ug/L	10.0		91.1	58-145		2.92	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.78		"	10.0		97.8	69-130				
Surrogate: SURR: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

Batch BF31632 - EPA 5030B

Blank (BF31632-BLK1)

Prepared & Analyzed: 06/26/2023

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	ND	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	ND	2.0	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31632 - EPA 5030B

Blank (BF31632-BLK1)

Prepared & Analyzed: 06/26/2023

Styrene	ND	0.50	ug/L								
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	"								

<i>Surrogate: SURRE: 1,2-Dichloroethane-d4</i>	10.3		"	10.0		103	69-130				
<i>Surrogate: SURRE: Toluene-d8</i>	9.75		"	10.0		97.5	81-117				
<i>Surrogate: SURRE: p-Bromofluorobenzene</i>	9.50		"	10.0		95.0	79-122				

LCS (BF31632-BS1)

Prepared & Analyzed: 06/26/2023

1,1,1-Trichloroethane	11		ug/L	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		113	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		120	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	11		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	7.9		"	10.0		79.3	76-136				
1,2,4-Trichlorobenzene	9.2		"	10.0		91.9	76-137				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		92.3	45-147				
1,2-Dibromoethane	10		"	10.0		104	83-124				
1,2-Dichlorobenzene	9.3		"	10.0		93.2	79-123				
1,2-Dichloroethane	10		"	10.0		104	73-132				
1,2-Dichloropropane	10		"	10.0		105	78-126				
1,3-Dichlorobenzene	9.4		"	10.0		94.5	86-122				
1,4-Dichlorobenzene	9.4		"	10.0		94.1	85-124				
2-Butanone	8.4		"	10.0		83.8	49-152				
2-Hexanone	9.0		"	10.0		90.0	51-146				
4-Methyl-2-pentanone	10		"	10.0		101	57-145				
Acetone	5.6		"	10.0		56.4	14-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	11		"	10.0		106	77-128				
Bromodichloromethane	10		"	10.0		104	79-128				
Bromoform	11		"	10.0		105	78-133				
Bromomethane	6.9		"	10.0		68.6	43-168				
Carbon disulfide	12		"	10.0		117	68-146				
Carbon tetrachloride	11		"	10.0		111	77-141				
Chlorobenzene	11		"	10.0		108	88-120				
Chloroethane	12		"	10.0		116	65-136				
Chloroform	11		"	10.0		105	82-128				
Chloromethane	10		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131				
Cyclohexane	11		"	10.0		112	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dichlorodifluoromethane	12		"	10.0		120	44-144				
Ethyl Benzene	11		"	10.0		105	80-131				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31632 - EPA 5030B											
LCS (BF31632-BS1)											
Prepared & Analyzed: 06/26/2023											
Isopropylbenzene	10		ug/L	10.0		102	76-140				
Methyl acetate	10		"	10.0		100	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135				
Methylcyclohexane	11		"	10.0		110	72-143				
Methylene chloride	8.8		"	10.0		88.0	55-137				
o-Xylene	11		"	10.0		105	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
Styrene	11		"	10.0		106	67-132				
Tetrachloroethylene	5.7		"	10.0		56.6	82-131	Low Bias			
Toluene	10		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		100	78-131				
Trichloroethylene	9.4		"	10.0		94.1	82-128				
Trichlorofluoromethane	12		"	10.0		116	67-139				
Vinyl Chloride	11		"	10.0		111	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.80		"	10.0		98.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.56		"	10.0		95.6	79-122				
LCS Dup (BF31632-BSD1)											
Prepared & Analyzed: 06/26/2023											
1,1,1-Trichloroethane	11		ug/L	10.0		107	78-136		3.04		30
1,1,2,2-Tetrachloroethane	11		"	10.0		113	76-129		0.177		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165		6.96		30
1,1,2-Trichloroethane	10		"	10.0		104	82-123		2.24		30
1,1-Dichloroethane	10		"	10.0		102	82-129		0.980		30
1,1-Dichloroethylene	11		"	10.0		105	68-138		4.91		30
1,2,3-Trichlorobenzene	8.4		"	10.0		84.3	76-136		6.11		30
1,2,4-Trichlorobenzene	9.5		"	10.0		94.8	76-137		3.11		30
1,2-Dibromo-3-chloropropane	9.5		"	10.0		94.8	45-147		2.67		30
1,2-Dibromoethane	10		"	10.0		104	83-124		0.384		30
1,2-Dichlorobenzene	9.4		"	10.0		93.6	79-123		0.428		30
1,2-Dichloroethane	10		"	10.0		105	73-132		1.06		30
1,2-Dichloropropane	10		"	10.0		104	78-126		1.15		30
1,3-Dichlorobenzene	9.4		"	10.0		94.4	86-122		0.106		30
1,4-Dichlorobenzene	9.4		"	10.0		93.7	85-124		0.426		30
2-Butanone	8.7		"	10.0		87.2	49-152		3.98		30
2-Hexanone	9.2		"	10.0		92.2	51-146		2.41		30
4-Methyl-2-pentanone	10		"	10.0		104	57-145		2.94		30
Acetone	5.9		"	10.0		59.0	14-150		4.51		30
Benzene	11		"	10.0		106	85-126		0.753		30
Bromochloromethane	11		"	10.0		106	77-128		0.377		30
Bromodichloromethane	10		"	10.0		102	79-128		1.16		30
Bromoform	11		"	10.0		107	78-133		1.88		30
Bromomethane	7.0		"	10.0		69.7	43-168		1.59		30
Carbon disulfide	11		"	10.0		112	68-146		4.55		30
Carbon tetrachloride	11		"	10.0		108	77-141		3.38		30
Chlorobenzene	11		"	10.0		107	88-120		1.30		30
Chloroethane	11		"	10.0		114	65-136		1.83		30
Chloroform	10		"	10.0		105	82-128		0.0952		30
Chloromethane	10		"	10.0		100	43-155		2.46		30



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31632 - EPA 5030B

LCS Dup (BF31632-BSD1)

Prepared & Analyzed: 06/26/2023

cis-1,2-Dichloroethylene	11		ug/L	10.0		106	83-129		1.88	30	
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131		0.00	30	
Cyclohexane	11		"	10.0		108	63-149		3.55	30	
Dibromochloromethane	10		"	10.0		104	80-130		0.0964	30	
Dichlorodifluoromethane	11		"	10.0		114	44-144		4.71	30	
Ethyl Benzene	10		"	10.0		103	80-131		1.82	30	
Isopropylbenzene	9.9		"	10.0		99.3	76-140		2.19	30	
Methyl acetate	10		"	10.0		105	51-139		4.28	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		105	76-135		3.10	30	
Methylcyclohexane	11		"	10.0		106	72-143		3.62	30	
Methylene chloride	8.9		"	10.0		88.8	55-137		0.905	30	
o-Xylene	10		"	10.0		104	78-130		0.860	30	
p- & m- Xylenes	21		"	20.0		105	77-133		1.28	30	
Styrene	10		"	10.0		103	67-132		2.01	30	
Tetrachloroethylene	5.4		"	10.0		54.5	82-131	Low Bias	3.78	30	
Toluene	10		"	10.0		102	80-127		2.41	30	
trans-1,2-Dichloroethylene	10		"	10.0		104	80-132		3.76	30	
trans-1,3-Dichloropropylene	10		"	10.0		100	78-131		0.00	30	
Trichloroethylene	9.2		"	10.0		91.5	82-128		2.80	30	
Trichlorofluoromethane	11		"	10.0		110	67-139		4.86	30	
Vinyl Chloride	11		"	10.0		105	58-145		4.91	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>9.49</i>		<i>"</i>	<i>10.0</i>		<i>94.9</i>	<i>79-122</i>				

Batch BF31633 - EPA 5030B

Blank (BF31633-BLK1)

Prepared & Analyzed: 06/26/2023

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	ND	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	"								



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31633 - EPA 5030B

Blank (BF31633-BLK1)

Prepared & Analyzed: 06/26/2023

Bromomethane	ND	0.50	ug/L								
Carbon disulfide	0.26	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	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/>											
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.7		"	10.0		107	69-130				
Surrogate: SURRE: Toluene-d8	9.67		"	10.0		96.7	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



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

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
		Limit			Result				RPD		
Batch BF31633 - EPA 5030B											
LCS (BF31633-BS1)											
Prepared & Analyzed: 06/26/2023											
1,1,1-Trichloroethane	11		ug/L	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		119	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	10		"	10.0		105	82-129				
1,1-Dichloroethylene	13		"	10.0		127	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		108	76-136				
1,2,4-Trichlorobenzene	11		"	10.0		109	76-137				
1,2-Dibromo-3-chloropropane	8.9		"	10.0		88.7	45-147				
1,2-Dibromoethane	10		"	10.0		105	83-124				
1,2-Dichlorobenzene	10		"	10.0		102	79-123				
1,2-Dichloroethane	10		"	10.0		105	73-132				
1,2-Dichloropropane	10		"	10.0		105	78-126				
1,3-Dichlorobenzene	10		"	10.0		105	86-122				
1,4-Dichlorobenzene	10		"	10.0		103	85-124				
2-Butanone	9.5		"	10.0		94.7	49-152				
2-Hexanone	9.7		"	10.0		97.1	51-146				
4-Methyl-2-pentanone	8.9		"	10.0		88.6	57-145				
Acetone	5.7		"	10.0		56.8	14-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	11		"	10.0		105	77-128				
Bromodichloromethane	11		"	10.0		105	79-128				
Bromoform	11		"	10.0		108	78-133				
Bromomethane	8.9		"	10.0		88.9	43-168				
Carbon disulfide	15		"	10.0		150	68-146	High Bias			
Carbon tetrachloride	11		"	10.0		114	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	11		"	10.0		105	65-136				
Chloroform	10		"	10.0		104	82-128				
Chloromethane	11		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		105	80-131				
Cyclohexane	11		"	10.0		115	63-149				
Dibromochloromethane	11		"	10.0		107	80-130				
Dichlorodifluoromethane	11		"	10.0		110	44-144				
Ethyl Benzene	10		"	10.0		103	80-131				
Isopropylbenzene	11		"	10.0		107	76-140				
Methyl acetate	10		"	10.0		104	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135				
Methylcyclohexane	11		"	10.0		108	72-143				
Methylene chloride	10		"	10.0		100	55-137				
o-Xylene	10		"	10.0		102	78-130				
p- & m- Xylenes	20		"	20.0		102	77-133				
Styrene	11		"	10.0		107	67-132				
Tetrachloroethylene	5.8		"	10.0		58.5	82-131	Low Bias			
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		113	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		109	78-131				
Trichloroethylene	10		"	10.0		100	82-128				
Trichlorofluoromethane	11		"	10.0		112	67-139				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31633 - EPA 5030B											
LCS (BF31633-BS1)						Prepared & Analyzed: 06/26/2023					
Vinyl Chloride	11		ug/L	10.0		106	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				
LCS Dup (BF31633-BSD1)						Prepared & Analyzed: 06/26/2023					
1,1,1-Trichloroethane	11		ug/L	10.0		107	78-136		6.05	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		114	76-129		2.03	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165		6.07	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		3.47	30	
1,1-Dichloroethane	10		"	10.0		101	82-129		3.60	30	
1,1-Dichloroethylene	12		"	10.0		120	68-138		5.50	30	
1,2,3-Trichlorobenzene	12		"	10.0		123	76-136		13.0	30	
1,2,4-Trichlorobenzene	11		"	10.0		114	76-137		4.66	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		107	45-147		18.6	30	
1,2-Dibromoethane	11		"	10.0		111	83-124		5.56	30	
1,2-Dichlorobenzene	10		"	10.0		103	79-123		0.390	30	
1,2-Dichloroethane	11		"	10.0		108	73-132		2.73	30	
1,2-Dichloropropane	10		"	10.0		103	78-126		1.83	30	
1,3-Dichlorobenzene	10		"	10.0		101	86-122		3.30	30	
1,4-Dichlorobenzene	10		"	10.0		100	85-124		2.26	30	
2-Butanone	10		"	10.0		102	49-152		7.23	30	
2-Hexanone	10		"	10.0		103	51-146		5.80	30	
4-Methyl-2-pentanone	9.6		"	10.0		96.5	57-145		8.54	30	
Acetone	6.0		"	10.0		59.8	14-150		5.15	30	
Benzene	10		"	10.0		104	85-126		1.33	30	
Bromochloromethane	11		"	10.0		106	77-128		0.380	30	
Bromodichloromethane	10		"	10.0		105	79-128		0.477	30	
Bromoform	12		"	10.0		117	78-133		8.45	30	
Bromomethane	9.0		"	10.0		90.3	43-168		1.56	30	
Carbon disulfide	14		"	10.0		140	68-146		6.96	30	
Carbon tetrachloride	11		"	10.0		111	77-141		3.19	30	
Chlorobenzene	11		"	10.0		106	88-120		0.661	30	
Chloroethane	10		"	10.0		100	65-136		4.77	30	
Chloroform	10		"	10.0		101	82-128		3.52	30	
Chloromethane	9.9		"	10.0		99.0	43-155		7.86	30	
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129		3.47	30	
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131		1.24	30	
Cyclohexane	11		"	10.0		108	63-149		5.82	30	
Dibromochloromethane	11		"	10.0		110	80-130		3.59	30	
Dichlorodifluoromethane	10		"	10.0		100	44-144		9.68	30	
Ethyl Benzene	10		"	10.0		99.5	80-131		3.55	30	
Isopropylbenzene	9.8		"	10.0		98.5	76-140		8.27	30	
Methyl acetate	11		"	10.0		108	51-139		3.31	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		114	76-135		4.31	30	
Methylcyclohexane	10		"	10.0		102	72-143		5.43	30	
Methylene chloride	9.9		"	10.0		98.6	55-137		1.61	30	
o-Xylene	10		"	10.0		102	78-130		0.685	30	
p- & m- Xylenes	20		"	20.0		98.2	77-133		3.45	30	
Styrene	10		"	10.0		105	67-132		2.27	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31633 - EPA 5030B

LCS Dup (BF31633-BSD1)

Prepared & Analyzed: 06/26/2023

Tetrachloroethylene	5.6		ug/L	10.0		56.1	82-131	Low Bias	4.19	30	
Toluene	9.8		"	10.0		97.6	80-127		4.51	30	
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132		4.36	30	
trans-1,3-Dichloropropylene	11		"	10.0		113	78-131		3.60	30	
Trichloroethylene	9.5		"	10.0		94.9	82-128		5.53	30	
Trichlorofluoromethane	10		"	10.0		105	67-139		6.83	30	
Vinyl Chloride	9.9		"	10.0		99.3	58-145		6.81	30	
<i>Surrogate: SURRE: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>69-130</i>				
<i>Surrogate: SURRE: Toluene-d8</i>	<i>9.69</i>		<i>"</i>	<i>10.0</i>		<i>96.9</i>	<i>81-117</i>				
<i>Surrogate: SURRE: p-Bromofluorobenzene</i>	<i>9.75</i>		<i>"</i>	<i>10.0</i>		<i>97.5</i>	<i>79-122</i>				

Batch BF31738 - EPA 5030B

Blank (BF31738-BLK1)

Prepared & Analyzed: 06/27/2023

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	ND	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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31738 - EPA 5030B

Blank (BF31738-BLK1)

Prepared & Analyzed: 06/27/2023

Methyl acetate	ND	0.50	ug/L								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	2.2	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	"								
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-122</i>				

LCS (BF31738-BS1)

Prepared & Analyzed: 06/27/2023

1,1,1-Trichloroethane	11		ug/L	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		113	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		115	54-165				
1,1,2-Trichloroethane	9.5		"	10.0		95.4	82-123				
1,1-Dichloroethane	10		"	10.0		101	82-129				
1,1-Dichloroethylene	11		"	10.0		108	68-138				
1,2,3-Trichlorobenzene	8.0		"	10.0		79.7	76-136				
1,2,4-Trichlorobenzene	9.2		"	10.0		92.5	76-137				
1,2-Dibromo-3-chloropropane	9.1		"	10.0		91.4	45-147				
1,2-Dibromoethane	9.8		"	10.0		97.7	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		96.0	79-123				
1,2-Dichloroethane	10		"	10.0		99.7	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3-Dichlorobenzene	9.8		"	10.0		97.6	86-122				
1,4-Dichlorobenzene	9.7		"	10.0		97.1	85-124				
2-Butanone	7.9		"	10.0		79.2	49-152				
2-Hexanone	8.3		"	10.0		82.8	51-146				
4-Methyl-2-pentanone	9.4		"	10.0		93.7	57-145				
Acetone	5.4		"	10.0		53.5	14-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	10		"	10.0		105	77-128				
Bromodichloromethane	10		"	10.0		99.6	79-128				
Bromoform	9.8		"	10.0		97.9	78-133				
Bromomethane	7.7		"	10.0		76.9	43-168				
Carbon disulfide	11		"	10.0		113	68-146				
Carbon tetrachloride	11		"	10.0		109	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	11		"	10.0		114	65-136				
Chloroform	10		"	10.0		103	82-128				
Chloromethane	9.9		"	10.0		99.3	43-155				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31738 - EPA 5030B											
LCS (BF31738-BS1)											
Prepared & Analyzed: 06/27/2023											
cis-1,2-Dichloroethylene	11		ug/L	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.7		"	10.0		97.0	80-131				
Cyclohexane	11		"	10.0		110	63-149				
Dibromochloromethane	9.8		"	10.0		97.5	80-130				
Dichlorodifluoromethane	11		"	10.0		112	44-144				
Ethyl Benzene	10		"	10.0		102	80-131				
Isopropylbenzene	11		"	10.0		106	76-140				
Methyl acetate	9.7		"	10.0		96.6	51-139				
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		99.2	76-135				
Methylcyclohexane	11		"	10.0		106	72-143				
Methylene chloride	15		"	10.0		154	55-137	High Bias			
o-Xylene	10		"	10.0		101	78-130				
p- & m- Xylenes	21		"	20.0		103	77-133				
Styrene	10		"	10.0		102	67-132				
Tetrachloroethylene	5.4		"	10.0		53.9	82-131	Low Bias			
Toluene	10		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.4		"	10.0		94.5	78-131				
Trichloroethylene	9.0		"	10.0		90.4	82-128				
Trichlorofluoromethane	11		"	10.0		114	67-139				
Vinyl Chloride	11		"	10.0		107	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	9.71		"	10.0		97.1	69-130				
<i>Surrogate: SURR: Toluene-d8</i>	9.75		"	10.0		97.5	81-117				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	10.0		"	10.0		100	79-122				
LCS Dup (BF31738-BSD1)											
Prepared & Analyzed: 06/27/2023											
1,1,1-Trichloroethane	10		ug/L	10.0		103	78-136		4.28	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		115	76-129		1.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		112	54-165		3.08	30	
1,1,2-Trichloroethane	9.9		"	10.0		99.0	82-123		3.70	30	
1,1-Dichloroethane	9.7		"	10.0		97.4	82-129		3.93	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		5.98	30	
1,2,3-Trichlorobenzene	8.6		"	10.0		85.5	76-136		7.02	30	
1,2,4-Trichlorobenzene	9.6		"	10.0		96.2	76-137		3.92	30	
1,2-Dibromo-3-chloropropane	9.4		"	10.0		93.9	45-147		2.70	30	
1,2-Dibromoethane	9.8		"	10.0		97.8	83-124		0.102	30	
1,2-Dichlorobenzene	9.5		"	10.0		95.2	79-123		0.837	30	
1,2-Dichloroethane	10		"	10.0		99.8	73-132		0.100	30	
1,2-Dichloropropane	10		"	10.0		99.6	78-126		0.999	30	
1,3-Dichlorobenzene	9.6		"	10.0		95.5	86-122		2.18	30	
1,4-Dichlorobenzene	9.5		"	10.0		95.1	85-124		2.08	30	
2-Butanone	8.3		"	10.0		83.2	49-152		4.93	30	
2-Hexanone	8.7		"	10.0		86.9	51-146		4.83	30	
4-Methyl-2-pentanone	9.7		"	10.0		97.1	57-145		3.56	30	
Acetone	5.6		"	10.0		56.0	14-150		4.57	30	
Benzene	10		"	10.0		102	85-126		3.96	30	
Bromochloromethane	10		"	10.0		102	77-128		3.29	30	
Bromodichloromethane	9.8		"	10.0		98.1	79-128		1.52	30	
Bromoform	10		"	10.0		100	78-133		2.52	30	
Bromomethane	7.5		"	10.0		75.4	43-168		1.97	30	



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF31738 - EPA 5030B

LCS Dup (BF31738-BSD1)

Prepared & Analyzed: 06/27/2023

Carbon disulfide	11		ug/L	10.0		106	68-146		6.38	30	
Carbon tetrachloride	10		"	10.0		104	77-141		4.80	30	
Chlorobenzene	10		"	10.0		102	88-120		1.74	30	
Chloroethane	11		"	10.0		109	65-136		5.11	30	
Chloroform	10		"	10.0		99.7	82-128		3.55	30	
Chloromethane	9.5		"	10.0		95.3	43-155		4.11	30	
cis-1,2-Dichloroethylene	10		"	10.0		101	83-129		4.06	30	
cis-1,3-Dichloropropylene	9.6		"	10.0		96.1	80-131		0.932	30	
Cyclohexane	10		"	10.0		104	63-149		4.96	30	
Dibromochloromethane	9.8		"	10.0		98.4	80-130		0.919	30	
Dichlorodifluoromethane	10		"	10.0		105	44-144		6.29	30	
Ethyl Benzene	9.9		"	10.0		99.4	80-131		2.39	30	
Isopropylbenzene	10		"	10.0		102	76-140		4.05	30	
Methyl acetate	9.9		"	10.0		99.4	51-139		2.86	30	
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.9	76-135		0.303	30	
Methylcyclohexane	10		"	10.0		102	72-143		3.45	30	
Methylene chloride	17		"	10.0		170	55-137	High Bias	9.98	30	
o-Xylene	9.9		"	10.0		99.4	78-130		1.60	30	
p- & m- Xylenes	20		"	20.0		100	77-133		2.21	30	
Styrene	9.9		"	10.0		99.1	67-132		2.49	30	
Tetrachloroethylene	5.2		"	10.0		51.6	82-131	Low Bias	4.36	30	
Toluene	9.8		"	10.0		98.4	80-127		2.90	30	
trans-1,2-Dichloroethylene	10		"	10.0		100	80-132		5.34	30	
trans-1,3-Dichloropropylene	9.5		"	10.0		95.4	78-131		0.948	30	
Trichloroethylene	8.8		"	10.0		88.1	82-128		2.58	30	
Trichlorofluoromethane	11		"	10.0		107	67-139		5.70	30	
Vinyl Chloride	10		"	10.0		100	58-145		6.47	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23F1500-01	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-02	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-03	MW-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-04	MW-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-05	MW-18	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-06	MW-20	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-07	MW-25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-08	MW-27	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-09	MW-29	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-10	MW-30	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-11	MW-31	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-12	MW-32	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-13	MW-33	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23F1500-14	MW-37	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.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	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).
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.



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YOUR INFORMATION
 Company: Labella Associates
 Address: 4 British American Blvd
Latham, NY 12110
 Phone: 518-866-7355
 Contact: Branson Fields
 E-mail: bfields@labella.pc.com

Report To:
 Company: Labella
 Address: "
 Phone: "
 Contact: "
 E-mail: "

Invoice To:
 Company: Labella
 Address: 21 Fox St
Poughkeepsie, NY
 Phone: "
 Contact: Accts Payable
 E-mail: APK@labella.pc.com

YOUR PROJECT NUMBER
2222575 / 08

YOUR PROJECT NAME
136 Fuller Road

YOUR PO#:
2222575

Turn-Around Time
 RUSH - Next Day
 RUSH - Two Day
 RUSH - Three Day
 RUSH - Four Day
 RUSH - Five Day
 Standard (6-9 Day)

PFAS Standard is 7-10 Days

YORK Project No.
23F1502

YORK Reg. Comp.
 Compared to the following Regulation(s): (please fill in)
6 NYCRR
Part 703.5

Report / EDD Type (circle selections)
 Summary Report
 QA Report
 CMDP
 Standard Excel EDD
 NYASPB Package Other:

Matrix Codes
 S - soil / solid
 GW - groundwater
 DW - drinking water
 WW - wastewater
 O - Oil Other:

Matrix Codes
 S - soil / solid
 GW - groundwater
 DW - drinking water
 WW - wastewater
 O - Oil Other:

Report / EDD Type (circle selections)
 EQUIS (Standard)
 CT RCP
 CT RCP DOA/DUE NYSDEC EQUIS
 NJDEP Reduced NJDKQP
 Deliverables NJDEP SRP HazSite

Sample Identification
 Samples Collected by: (print AND sign your name)
Branson Fields
Branson Fields

Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
GW	6/21/23 0944	8200 VOCs, TEL (Low Level)	3x40m (4024)	
GW	0908			
GW	1550			
GW	1610			
GW	0833			
GW	1020			
GW	1135			
GW	1625			
GW	1105			
GW	1537			

Comments:

Preservation: (check all that apply)
 HCl MeOH HNO3 H2SO4 NaOH
 ZnAc Ascorbic Acid Other: Ice

Special Instruction
 Field Filtered
 Lab to Filter

1. Samples Relinquished by / Company
 Date/Time: Branson Fields / Labella 6/23/23
 Date/Time: 10:40

2. Samples Relinquished by / Company
 Date/Time: Chic York 6-23-23
 Date/Time: 1440

3. Samples Received by / Company
 Date/Time: Chic York 6-23-23
 Date/Time: 1440

4. Samples Received by / Company
 Date/Time: Chic York 6-23-23
 Date/Time: 1440

Temperature
38 Degrees C



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YORK Project No. 23F1500

Page 2 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Labella	Company: Labella	Company:	2222575 / 08	RUSH - Next Day
Address:	Address:	Address:		RUSH - Two Day
Phone:	Phone:	Phone:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail: bfields@labellaps.com	E-mail: APPK@labellaps.com	E-mail:		RUSH - Five Day

YOUR Project Name
136 Fuller Road

YOUR PO#: 2222575

PFAS Standard is 7-10 Days

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other:

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report
 QA Report
 CMDP
 Standard Excel EDD
 NY ASP B Package
 Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
6 NYCRR Part 703.5

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-31	GW	6/21/23 1236	8200 VOCs - TEL (Low level)	40ml VOA 3	
MW-32	↓	1453		↓	
MW-33	↓	1320		↓	
MW-37	↓	1413		↓	

Comments:

Preservation: (check all that apply)
 HCl MeOH HNO3 H2SO4 NaOH ZnAc Ascorbic Acid Other: Free

Samples ised/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company
Benson fields / Labella 6/23/23 10:40

2. Samples Relinquished by / Company
Chilc York 6-23-23

3. Samples Relinquished by / Company

4. Samples Relinquished by / Company

Special Instruction
Field Filtered
Lab to Filter

Date/Time
Date/Time
Date/Time
Date/Time

Temperature
38 Degrees C



ANALYTICAL REPORT

Lab Number:	L2323178
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	05/12/23

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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 ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2323178-01	TFE INFLUENT	WATER	ALBANY, NY	04/27/23 15:25	04/28/23
L2323178-02	TFE EFFLUENT	WATER	ALBANY, NY	04/27/23 15:40	04/28/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

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 ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

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: *Tiffani Morrissey* - Tiffani Morrissey

Title: Technical Director/Representative

Date: 05/12/23

ORGANICS

VOLATILES

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323178-01
 Client ID: TFE INFLUENT
 Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:25
 Date Received: 04/28/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/09/23 09:34
 Analyst: MKS

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	0.83	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	5.1		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	1.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323178-01
Client ID: TFE INFLUENT
Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:25
Date Received: 04/28/23
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	9.1		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	85	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	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323178-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:40
 Date Received: 04/28/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 05/09/23 09:58
 Analyst: MKS

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 ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323178-02
Client ID: TFE EFFLUENT
Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:40
Date Received: 04/28/23
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	3.0	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	72	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	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/23 09:10
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1776996-5					
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 ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/23 09:10
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1776996-5					
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 ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/23 09:10
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1776996-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2323178

Project Number: 2222575

Report Date: 05/12/23

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: WG1776996-3 WG1776996-4								
Methylene chloride	99		96		70-130	3		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		99		63-132	11		20
1,2-Dichloropropane	120		110		70-130	9		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	96		88		62-150	9		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		98		67-130	12		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	92		96		54-136	4		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	89		83		64-130	7		20
Bromomethane	59		58		39-139	2		20
Vinyl chloride	87		80		55-140	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2323178

Report Date: 05/12/23

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: WG1776996-3 WG1776996-4								
Chloroethane	96		93		55-138	3		20
1,1-Dichloroethene	89		84		61-145	6		20
trans-1,2-Dichloroethene	99		91		70-130	8		20
Trichloroethene	100		96		70-130	4		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Styrene	110		100		70-130	10		20
Dichlorodifluoromethane	88		81		36-147	8		20
Acetone	84		95		58-148	12		20
Carbon disulfide	91		83		51-130	9		20
2-Butanone	100		120		63-138	18		20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	92		100		57-130	8		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	83		99		41-144	18		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	97		100		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD
Project Number: 222575

Lab Number: L2323178
Report Date: 05/12/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1776996-3 WG1776996-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	100		120		70-130	18		20
Cyclohexane	110		98		70-130	12		20
1,4-Dioxane	100		118		56-162	17		20
Freon-113	98		90		70-130	9		20
Methyl cyclohexane	100		95		70-130	5		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	114		117		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	102		100		70-130

Project Name: 136 FULLER ROAD

Project Number: 2222575

Serial_No:05122313:11

Lab Number: L2323178

Report Date: 05/12/23

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(*)
L2323178-01A	Vial HCl preserved	A	NA		5.9	Y	Absent		NYTCL-8260-R2(14)
L2323178-01B	Vial HCl preserved	A	NA		5.9	Y	Absent		NYTCL-8260-R2(14)
L2323178-01C	Vial HCl preserved	A	NA		5.9	Y	Absent		NYTCL-8260-R2(14)
L2323178-02A	Vial HCl preserved	A	NA		5.9	Y	Absent		NYTCL-8260-R2(14)
L2323178-02B	Vial HCl preserved	A	NA		5.9	Y	Absent		NYTCL-8260-R2(14)
L2323178-02C	Vial HCl preserved	A	NA		5.9	Y	Absent		NYTCL-8260-R2(14)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

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 ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323178
Report Date: 05/12/23

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 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.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab	ALPHA Job #																																																						
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Client: <i>Labella Associates</i>	Project Location: <i>Albany, NY</i>		Regulatory Requirement <input checked="" 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:																																																					
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Phone: <i>518-266-7355</i>	Project Manager: <i>Branson Fields</i>		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																																																					
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These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">ALPHA Lab ID (Lab Use Only)</th> <th style="width:20%;">Sample ID</th> <th colspan="2">Collection</th> <th style="width:10%;">Sample Matrix</th> <th style="width:10%;">Sampler's Initials</th> <th style="width:10%;">Date</th> <th style="width:10%;">Time</th> <th style="width:10%;">Time</th> <th style="width:10%;">Time</th> <th style="width:10%;">Time</th> <th style="width:10%;">Time</th> <th style="width:10%;">Time</th> </tr> <tr> <td></td> <td></td> <td>Date</td> <td>Time</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>23178-01</i></td> <td><i>TFE Influent</i></td> <td><i>4/27/23</i></td> <td><i>1525</i></td> <td><i>bw</i></td> <td><i>BF</i></td> <td><i>4/27/23</i></td> <td><i>1540</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><i>02</i></td> <td><i>TFE Effluent</i></td> <td><i>4/27/23</i></td> <td><i>1540</i></td> <td><i>bw</i></td> <td><i>BF</i></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date	Time	Time	Time	Time	Time	Time			Date	Time										<i>23178-01</i>	<i>TFE Influent</i>	<i>4/27/23</i>	<i>1525</i>	<i>bw</i>	<i>BF</i>	<i>4/27/23</i>	<i>1540</i>						<i>02</i>	<i>TFE Effluent</i>	<i>4/27/23</i>	<i>1540</i>	<i>bw</i>	<i>BF</i>								Westboro: Certification No: MA935 Mansfield: Certification No: MA015	
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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 Type <i>V</i> Preservative <i>B</i>		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.)																																																					
Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle			Relinquished By: <i>Branson Fields (Labella)</i> <i>Chin Kwan Ah</i>				Date/Time: <i>4/28/23 13:00</i> <i>4/28/23 13:00</i>																																																			
Form No: 01-25 HC (rev. 30-Sept-2013)			Received By: <i>Chin Kwan Ah</i>		Date/Time: <i>4/29/23 0930</i>																																																					



ANALYTICAL REPORT

Lab Number:	L2323189
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	05/12/23

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 ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2323189-01	TFE EFFLUENT	SOIL_VAPOR	ALBANY, NY	04/27/23 15:15	04/28/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

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 ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on April 13, 2023. The canister certification results are provided as an addendum.

L2323189-01D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2323189-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1777918-3 LCS recovery for bromoform (135%) and benzyl chloride (136%) 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: 05/12/23

AIR

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323189-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:15
 Date Received: 04/28/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/11/23 21:31
 Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	2.45	0.397	--	12.1	1.96	--		1.986
Chloromethane	0.526	0.397	--	1.09	0.820	--		1.986
Freon-114	ND	0.397	--	ND	2.77	--		1.986
Vinyl chloride	6.12	0.397	--	15.6	1.01	--		1.986
1,3-Butadiene	ND	0.397	--	ND	0.878	--		1.986
Bromomethane	ND	0.397	--	ND	1.54	--		1.986
Chloroethane	2.96	0.397	--	7.81	1.05	--		1.986
Ethanol	ND	9.93	--	ND	18.7	--		1.986
Vinyl bromide	ND	0.397	--	ND	1.74	--		1.986
Acetone	3.03	1.99	--	7.20	4.73	--		1.986
Trichlorofluoromethane	7.50	0.397	--	42.1	2.23	--		1.986
Isopropanol	ND	0.993	--	ND	2.44	--		1.986
1,1-Dichloroethene	2.73	0.397	--	10.8	1.57	--		1.986
Tertiary butyl Alcohol	ND	0.993	--	ND	3.01	--		1.986
Methylene chloride	ND	0.993	--	ND	3.45	--		1.986
3-Chloropropene	ND	0.397	--	ND	1.24	--		1.986
Carbon disulfide	ND	0.397	--	ND	1.24	--		1.986
Freon-113	ND	0.397	--	ND	3.04	--		1.986
trans-1,2-Dichloroethene	0.838	0.397	--	3.32	1.57	--		1.986
1,1-Dichloroethane	28.0	0.397	--	113	1.61	--		1.986
Methyl tert butyl ether	ND	0.397	--	ND	1.43	--		1.986
2-Butanone	ND	0.993	--	ND	2.93	--		1.986
cis-1,2-Dichloroethene	266	0.397	--	1050	1.57	--	E	1.986



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323189-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:15
 Date Received: 04/28/23
 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	0.993	--	ND	3.58	--		1.986
Chloroform	ND	0.397	--	ND	1.94	--		1.986
Tetrahydrofuran	ND	0.993	--	ND	2.93	--		1.986
1,2-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
n-Hexane	ND	0.397	--	ND	1.40	--		1.986
1,1,1-Trichloroethane	31.9	0.397	--	174	2.17	--		1.986
Benzene	ND	0.397	--	ND	1.27	--		1.986
Carbon tetrachloride	ND	0.397	--	ND	2.50	--		1.986
Cyclohexane	ND	0.397	--	ND	1.37	--		1.986
1,2-Dichloropropane	ND	0.397	--	ND	1.83	--		1.986
Bromodichloromethane	ND	0.397	--	ND	2.66	--		1.986
1,4-Dioxane	1.72	0.397	--	6.20	1.43	--		1.986
Trichloroethene	51.9	0.397	--	279	2.13	--		1.986
2,2,4-Trimethylpentane	ND	0.397	--	ND	1.85	--		1.986
Heptane	ND	0.397	--	ND	1.63	--		1.986
cis-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
4-Methyl-2-pentanone	ND	0.993	--	ND	4.07	--		1.986
trans-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
1,1,2-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Toluene	1.18	0.397	--	4.45	1.50	--		1.986
2-Hexanone	ND	0.397	--	ND	1.63	--		1.986
Dibromochloromethane	ND	0.397	--	ND	3.38	--		1.986
1,2-Dibromoethane	ND	0.397	--	ND	3.05	--		1.986
Tetrachloroethene	242	0.397	--	1640	2.69	--	E	1.986
Chlorobenzene	ND	0.397	--	ND	1.83	--		1.986
Ethylbenzene	0.443	0.397	--	1.92	1.72	--		1.986



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

SAMPLE RESULTS

Lab ID: L2323189-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 04/27/23 15:15
 Date Received: 04/28/23
 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	1.56	0.794	--	6.78	3.45	--		1.986
Bromoform	ND	0.397	--	ND	4.10	--		1.986
Styrene	ND	0.397	--	ND	1.69	--		1.986
1,1,2,2-Tetrachloroethane	ND	0.397	--	ND	2.73	--		1.986
o-Xylene	1.03	0.397	--	4.47	1.72	--		1.986
4-Ethyltoluene	ND	0.397	--	ND	1.95	--		1.986
1,3,5-Trimethylbenzene	ND	0.397	--	ND	1.95	--		1.986
1,2,4-Trimethylbenzene	ND	0.397	--	ND	1.95	--		1.986
Benzyl chloride	ND	0.397	--	ND	2.06	--		1.986
1,3-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,4-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2,4-Trichlorobenzene	ND	0.397	--	ND	2.95	--		1.986
Hexachlorobutadiene	ND	0.397	--	ND	4.23	--		1.986

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	116		60-140



Project Name: 136 FULLER ROAD**Lab Number:** L2323189**Project Number:** 2222575**Report Date:** 05/12/23**SAMPLE RESULTS**

Lab ID: L2323189-01 D2

Date Collected: 04/27/23 15:15

Client ID: TFE EFFLUENT

Date Received: 04/28/23

Sample Location: ALBANY, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 05/12/23 08:45

Analyst: TJS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
cis-1,2-Dichloroethene	268	0.993	--	1060	3.94	--		4.966
Tetrachloroethene	254	0.993	--	1720	6.73	--		4.966

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	117		60-140



Project Name: 136 FULLER ROAD

Lab Number: L2323189

Project Number: 2222575

Report Date: 05/12/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/11/23 15:18

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1777918-4								
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 ROAD

Lab Number: L2323189

Project Number: 2222575

Report Date: 05/12/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/11/23 15:18

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1777918-4								
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 ROAD

Lab Number: L2323189

Project Number: 2222575

Report Date: 05/12/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/11/23 15:18

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1777918-4								
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 ROAD

Lab Number: L2323189

Project Number: 222575

Report Date: 05/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1777918-3								
Dichlorodifluoromethane	81		-		70-130	-		
Chloromethane	85		-		70-130	-		
Freon-114	81		-		70-130	-		
Vinyl chloride	83		-		70-130	-		
1,3-Butadiene	79		-		70-130	-		
Bromomethane	84		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	85		-		70-130	-		
Acetone	92		-		40-160	-		
Trichlorofluoromethane	83		-		70-130	-		
Isopropanol	94		-		40-160	-		
1,1-Dichloroethene	91		-		70-130	-		
Tertiary butyl Alcohol	97		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	105		-		70-130	-		
Carbon disulfide	94		-		70-130	-		
Freon-113	101		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	93		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2323189

Project Number: 2222575

Report Date: 05/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1777918-3								
Ethyl Acetate	111		-		70-130	-		
Chloroform	91		-		70-130	-		
Tetrahydrofuran	100		-		70-130	-		
1,2-Dichloroethane	75		-		70-130	-		
n-Hexane	89		-		70-130	-		
1,1,1-Trichloroethane	83		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	86		-		70-130	-		
Cyclohexane	91		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	88		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	90		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	102		-		70-130	-		
trans-1,3-Dichloropropene	85		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	113		-		70-130	-		
2-Hexanone	117		-		70-130	-		
Dibromochloromethane	122		-		70-130	-		
1,2-Dibromoethane	121		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2323189

Report Date: 05/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1777918-3								
Tetrachloroethene	117		-		70-130	-		
Chlorobenzene	116		-		70-130	-		
Ethylbenzene	114		-		70-130	-		
p/m-Xylene	112		-		70-130	-		
Bromoform	135	Q	-		70-130	-		
Styrene	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	121		-		70-130	-		
o-Xylene	116		-		70-130	-		
4-Ethyltoluene	115		-		70-130	-		
1,3,5-Trimethylbenzene	117		-		70-130	-		
1,2,4-Trimethylbenzene	121		-		70-130	-		
Benzyl chloride	136	Q	-		70-130	-		
1,3-Dichlorobenzene	123		-		70-130	-		
1,4-Dichlorobenzene	120		-		70-130	-		
1,2-Dichlorobenzene	122		-		70-130	-		
1,2,4-Trichlorobenzene	125		-		70-130	-		
Hexachlorobutadiene	117		-		70-130	-		

Project Name: 136 FULLER ROAD

Project Number: 2222575

Serial_No:05122316:02
Lab Number: L2323189

Report Date: 05/12/23

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
L2323189-01	TFE EFFLUENT	2472	1.0L Can	04/13/23	410716	L2317359-07	Pass	-29.5	0.0	-	-	-	-

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

Lab Number: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
Client ID: CAN 3762 SHELF 9
Sample Location:

Date Collected: 04/04/23 10:00
Date Received: 04/04/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/04/23 22:21
Analyst: TJS

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: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 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: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 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: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 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
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



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Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 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	88		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	82		60-140



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

Lab Number: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 04/05/23 05:41
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dodecane	ND	0.200	--	ND	1.39	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140



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

Lab Number: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 04/04/23 22:21
 Analyst: TJS

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



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Project Number: CANISTER QC BAT

Lab Number: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 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	0.100	--	ND	0.377	--		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	0.100	--	ND	0.518	--		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: L2317359
Report Date: 05/12/23

Air Canister Certification Results

Lab ID: L2317359-07
 Client ID: CAN 3762 SHELF 9
 Sample Location:

Date Collected: 04/04/23 10:00
 Date Received: 04/04/23
 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	97		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	93		60-140



Project Name: 136 FULLER ROAD

Project Number: 2222575

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**

L2323189-01A 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 ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

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 ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

Data Qualifiers

- 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 the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2323189
Report Date: 05/12/23

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.



AIR ANALYSIS

Serial No: 05122316:02

PAGE 1 OF 1

Date Rec'd in Lab: 4/29/23

ALPHA Job #: L2323189

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

Project Information

Project Name: 136 Fuller Road
Project Location: Albany, NY
Project #: 2222575
Project Manager: Branson Fields
ALPHA Quote #:

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)

Billing Information

Same as Client info PO#: 2222575
include: APPK@labelapc.com

Client Information

Client: Labela Associates
Address: 4 British American Blvd
Latham, NY 12110
Phone: 518-266-7355
Fax:
Email: bfields@labelapc.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

ANALYSIS

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	TO-15 TO-15 SIM APH Fixed Gases Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum								
23189-01	TFE Effluent	4/27/23	15:14	15:15	-29.5	0	SV	BP	1L	2472	ORB 0025	X	10.1 ppm	

*SAMPLE MATRIX CODES

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

Container Type

55
1L

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.

Relinquished By:

Date/Time

Received By:

Date/Time:

Branson Fields
4/28/23 13:00
Chris...
4/28/23 13:00
R. Mando
4/28/23 07:10

Chris...
4/28/23 13:00
R. Mando
4/28/23 06:20
Chris...
4/29/23 07:10



ANALYTICAL REPORT

Lab Number:	L2329269
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	06/08/23

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-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2329269-01	TFE INFLUENT	WATER	ALBANY, NY	05/25/23 07:00	05/25/23
L2329269-02	TFE EFFLUENT	WATER	ALBANY, NY	05/25/23 07:15	05/25/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

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 ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

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: 06/08/23

ORGANICS

VOLATILES

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

SAMPLE RESULTS

Lab ID: L2329269-01
 Client ID: TFE INFLUENT
 Sample Location: ALBANY, NY

Date Collected: 05/25/23 07:00
 Date Received: 05/25/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/23 00:06
 Analyst: PID

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	3.7		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	0.99		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

SAMPLE RESULTS

Lab ID: L2329269-01
Client ID: TFE INFLUENT
Sample Location: ALBANY, NY

Date Collected: 05/25/23 07:00
Date Received: 05/25/23
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	7.4		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	2.4	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	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	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	110		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

SAMPLE RESULTS

Lab ID: L2329269-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 05/25/23 07:15
 Date Received: 05/25/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/06/23 00:27
 Analyst: PID

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	0.20	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 ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

SAMPLE RESULTS

Lab ID: L2329269-02
Client ID: TFE EFFLUENT
Sample Location: ALBANY, NY

Date Collected: 05/25/23 07:15
Date Received: 05/25/23
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	2.4	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	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	119		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/23 19:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1787804-5					
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 ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/23 19:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1787804-5					
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 ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/23 19:56
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1787804-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2329269

Project Number: 222575

Report Date: 06/08/23

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: WG1787804-3 WG1787804-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	94		96		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	85		87		70-130	2		20
cis-1,3-Dichloropropene	89		88		70-130	1		20
Bromoform	85		89		54-136	5		20
1,1,2,2-Tetrachloroethane	99		100		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	100		96		64-130	4		20
Bromomethane	42		44		39-139	5		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2329269

Project Number: 222575

Report Date: 06/08/23

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: WG1787804-3 WG1787804-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	96		93		63-130	3		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	100		110		58-148	10		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	92		98		63-138	6		20
4-Methyl-2-pentanone	85		90		59-130	6		20
2-Hexanone	80		87		57-130	8		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	88		100		41-144	13		20
Isopropylbenzene	97		98		70-130	1		20
1,2,3-Trichlorobenzene	92		98		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2329269

Report Date: 06/08/23

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: WG1787804-3 WG1787804-4								
1,2,4-Trichlorobenzene	90		97		70-130	7		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	88		88		56-162	0		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	92		91		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		118		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	99		103		70-130
Dibromofluoromethane	110		109		70-130

Project Name: 136 FULLER ROAD

Project Number: 2222575

Serial_No:06082316:16

Lab Number: L2329269

Report Date: 06/08/23

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(*)
L2329269-01A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2329269-01B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2329269-01C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2329269-02A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2329269-02B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2329269-02C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

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



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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329269
Report Date: 06/08/23

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 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.



ANALYTICAL REPORT

Lab Number:	L2329272
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	06/09/23

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

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508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2329272-01	TFE EFFLUENT	SOIL_VAPOR	ALBANY, NY	05/25/23 07:20	05/25/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

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 ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 12, 2023. The canister certification results are provided as an addendum.

L2329272-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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:

 Jennifer Jerome

Title: Technical Director/Representative

Date: 06/09/23

AIR

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

SAMPLE RESULTS

Lab ID: L2329272-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 05/25/23 07:20
 Date Received: 05/25/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/09/23 03:39
 Analyst: APR

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	2.25	0.916	--	11.1	4.53	--		4.58
Chloromethane	ND	0.916	--	ND	1.89	--		4.58
Freon-114	ND	0.916	--	ND	6.40	--		4.58
Vinyl chloride	5.66	0.916	--	14.5	2.34	--		4.58
1,3-Butadiene	ND	0.916	--	ND	2.03	--		4.58
Bromomethane	ND	0.916	--	ND	3.56	--		4.58
Chloroethane	2.74	0.916	--	7.23	2.42	--		4.58
Ethanol	ND	22.9	--	ND	43.1	--		4.58
Vinyl bromide	ND	0.916	--	ND	4.00	--		4.58
Acetone	15.3	4.58	--	36.3	10.9	--		4.58
Trichlorofluoromethane	9.10	0.916	--	51.1	5.15	--		4.58
Isopropanol	ND	2.29	--	ND	5.63	--		4.58
1,1-Dichloroethene	2.91	0.916	--	11.5	3.63	--		4.58
Tertiary butyl Alcohol	ND	2.29	--	ND	6.94	--		4.58
Methylene chloride	ND	2.29	--	ND	7.96	--		4.58
3-Chloropropene	ND	0.916	--	ND	2.87	--		4.58
Carbon disulfide	ND	0.916	--	ND	2.85	--		4.58
Freon-113	ND	0.916	--	ND	7.02	--		4.58
trans-1,2-Dichloroethene	ND	0.916	--	ND	3.63	--		4.58
1,1-Dichloroethane	25.3	0.916	--	102	3.71	--		4.58
Methyl tert butyl ether	ND	0.916	--	ND	3.30	--		4.58
2-Butanone	ND	2.29	--	ND	6.75	--		4.58
cis-1,2-Dichloroethene	247	0.916	--	979	3.63	--		4.58



Project Name: 136 FULLER ROAD**Lab Number:** L2329272**Project Number:** 2222575**Report Date:** 06/09/23**SAMPLE RESULTS**

Lab ID: L2329272-01 D

Date Collected: 05/25/23 07:20

Client ID: TFE EFFLUENT

Date Received: 05/25/23

Sample Location: ALBANY, NY

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	2.29	--	ND	8.25	--		4.58
Chloroform	ND	0.916	--	ND	4.47	--		4.58
Tetrahydrofuran	ND	2.29	--	ND	6.75	--		4.58
1,2-Dichloroethane	ND	0.916	--	ND	3.71	--		4.58
n-Hexane	ND	0.916	--	ND	3.23	--		4.58
1,1,1-Trichloroethane	42.6	0.916	--	232	5.00	--		4.58
Benzene	ND	0.916	--	ND	2.93	--		4.58
Carbon tetrachloride	ND	0.916	--	ND	5.76	--		4.58
Cyclohexane	ND	0.916	--	ND	3.15	--		4.58
1,2-Dichloropropane	ND	0.916	--	ND	4.23	--		4.58
Bromodichloromethane	ND	0.916	--	ND	6.14	--		4.58
1,4-Dioxane	2.56	0.916	--	9.23	3.30	--		4.58
Trichloroethene	54.6	0.916	--	293	4.92	--		4.58
2,2,4-Trimethylpentane	ND	0.916	--	ND	4.28	--		4.58
Heptane	ND	0.916	--	ND	3.75	--		4.58
cis-1,3-Dichloropropene	ND	0.916	--	ND	4.16	--		4.58
4-Methyl-2-pentanone	ND	2.29	--	ND	9.38	--		4.58
trans-1,3-Dichloropropene	ND	0.916	--	ND	4.16	--		4.58
1,1,2-Trichloroethane	ND	0.916	--	ND	5.00	--		4.58
Toluene	0.998	0.916	--	3.76	3.45	--		4.58
2-Hexanone	ND	0.916	--	ND	3.75	--		4.58
Dibromochloromethane	ND	0.916	--	ND	7.80	--		4.58
1,2-Dibromoethane	ND	0.916	--	ND	7.04	--		4.58
Tetrachloroethene	232	0.916	--	1570	6.21	--		4.58
Chlorobenzene	ND	0.916	--	ND	4.22	--		4.58
Ethylbenzene	ND	0.916	--	ND	3.98	--		4.58



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

SAMPLE RESULTS

Lab ID: L2329272-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 05/25/23 07:20
 Date Received: 05/25/23
 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	ND	1.83	--	ND	7.95	--		4.58
Bromoform	ND	0.916	--	ND	9.47	--		4.58
Styrene	ND	0.916	--	ND	3.90	--		4.58
1,1,2,2-Tetrachloroethane	ND	0.916	--	ND	6.29	--		4.58
o-Xylene	ND	0.916	--	ND	3.98	--		4.58
4-Ethyltoluene	ND	0.916	--	ND	4.50	--		4.58
1,3,5-Trimethylbenzene	ND	0.916	--	ND	4.50	--		4.58
1,2,4-Trimethylbenzene	ND	0.916	--	ND	4.50	--		4.58
Benzyl chloride	ND	0.916	--	ND	4.74	--		4.58
1,3-Dichlorobenzene	ND	0.916	--	ND	5.51	--		4.58
1,4-Dichlorobenzene	ND	0.916	--	ND	5.51	--		4.58
1,2-Dichlorobenzene	ND	0.916	--	ND	5.51	--		4.58
1,2,4-Trichlorobenzene	ND	0.916	--	ND	6.80	--		4.58
Hexachlorobutadiene	ND	0.916	--	ND	9.77	--		4.58

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	101		60-140



Project Name: 136 FULLER ROAD

Lab Number: L2329272

Project Number: 2222575

Report Date: 06/09/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/08/23 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1788971-4								
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 ROAD

Lab Number: L2329272

Project Number: 2222575

Report Date: 06/09/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/08/23 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1788971-4								
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 ROAD

Lab Number: L2329272

Project Number: 2222575

Report Date: 06/09/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/08/23 15:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1788971-4								
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 ROAD

Lab Number: L2329272

Project Number: 222575

Report Date: 06/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1788971-3								
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	88		-		70-130	-		
Freon-114	92		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	87		-		70-130	-		
Chloroethane	89		-		70-130	-		
Ethanol	85		-		40-160	-		
Vinyl bromide	81		-		70-130	-		
Acetone	104		-		40-160	-		
Trichlorofluoromethane	98		-		70-130	-		
Isopropanol	83		-		40-160	-		
1,1-Dichloroethene	95		-		70-130	-		
Tertiary butyl Alcohol	82		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	97		-		70-130	-		
Carbon disulfide	81		-		70-130	-		
Freon-113	89		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	90		-		70-130	-		
Methyl tert butyl ether	79		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2329272

Project Number: 2222575

Report Date: 06/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1788971-3								
Ethyl Acetate	87		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
1,2-Dichloroethane	102		-		70-130	-		
n-Hexane	93		-		70-130	-		
1,1,1-Trichloroethane	113		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	121		-		70-130	-		
Cyclohexane	93		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	110		-		70-130	-		
1,4-Dioxane	92		-		70-130	-		
Trichloroethene	90		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	106		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	97		-		70-130	-		
Toluene	78		-		70-130	-		
2-Hexanone	85		-		70-130	-		
Dibromochloromethane	91		-		70-130	-		
1,2-Dibromoethane	80		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2329272

Report Date: 06/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1788971-3								
Tetrachloroethene	70		-		70-130	-		
Chlorobenzene	76		-		70-130	-		
Ethylbenzene	82		-		70-130	-		
p/m-Xylene	84		-		70-130	-		
Bromoform	87		-		70-130	-		
Styrene	79		-		70-130	-		
1,1,2,2-Tetrachloroethane	83		-		70-130	-		
o-Xylene	87		-		70-130	-		
4-Ethyltoluene	78		-		70-130	-		
1,3,5-Trimethylbenzene	84		-		70-130	-		
1,2,4-Trimethylbenzene	89		-		70-130	-		
Benzyl chloride	81		-		70-130	-		
1,3-Dichlorobenzene	78		-		70-130	-		
1,4-Dichlorobenzene	79		-		70-130	-		
1,2-Dichlorobenzene	79		-		70-130	-		
1,2,4-Trichlorobenzene	78		-		70-130	-		
Hexachlorobutadiene	80		-		70-130	-		

Project Name: 136 FULLER ROAD

Project Number: 2222575

Serial_No:06092313:46
Lab Number: L2329272

Report Date: 06/09/23

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
L2329272-01	TFE EFFLUENT	3506	1.0L Can	05/12/23	410717	L2325355-04	Pass	-29.2	0.0	-	-	-	-

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

Lab Number: L2325355
Report Date: 06/09/23

Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/23 03:09
 Analyst: JMB

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: L2325355
Report Date: 06/09/23

Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 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
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Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 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



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Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 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
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Air Canister Certification Results

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 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 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	102		60-140
chlorobenzene-d5	99		60-140



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Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 05/10/23 03:09
 Analyst: JMB

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



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Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 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	0.100	--	ND	0.377	--		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
1,1,1,2-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	0.100	--	ND	0.518	--		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: L2325355
Report Date: 06/09/23

Air Canister Certification Results

Lab ID: L2325355-04
 Client ID: CAN 3798 SHELF 3
 Sample Location:

Date Collected: 05/09/23 10:00
 Date Received: 05/09/23
 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	108		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	108		60-140



Project Name: 136 FULLER ROAD**Lab Number:** L2329272**Project Number:** 2222575**Report Date:** 06/09/23**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**

L2329272-01A 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 ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

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 ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

Data Qualifiers

- 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 the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2329272
Report Date: 06/09/23

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.

AIR ANALYSIS

Serial_No:06092313:46



CHAIN OF CUSTODY

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

PAGE 1 OF 1

Date Rec'd in Lab: 5/26/23

ALPHA Job #: L2329272

Client Information

Client: *Labella Associates*
 Address: *4 British American Blvd*
Latham, NY 12110
 Phone: *518-266-7355*
 Fax:
 Email: *bfields@labellape.com*

Project Information

Project Name: *136 Fuller Road*
 Project Location: *Albany, NY*
 Project #: *2202575*
 Project Manager: *Branson Fields*
 ALPHA Quote #:

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)*

Billing Information

Same as Client info PO # *2202575*
APPK@labellape.com

Turn-Around Time

Standard RUSH *(only confirmed if pre-approved!)*

Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

ANALYSIS

TO-15
 TO-15 SIM
 APH *Subtract Non-hydrocarbon HCs*
 Fixed Gases
 Sulfides & Mercaptans by TO-15

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	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												
29272-01	TFE Effluent	5/25/23	0719	0720	-21.1	∅	SV	BF	1L	3506	0055	X						8.7

***SAMPLE MATRIX CODES**

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

Container Type *55 IL*

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.

Relinquished By: *Branson Fields (Labella)*
B. Lyons
R. Mo... 5/26/23 500
 Date/Time: *5/25/23 08:00*
5/25/23 8:10
 Received By: *Bruce Lyons AAL*
R. Mo... 5/26/23 06:15
 Date/Time: *5/25/23 8:00*
5/26/23 06:15



ANALYTICAL REPORT

Lab Number:	L2335247
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	07/05/23

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-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2335247-01	TFE INFLUENT	WATER	ALBANY, NY	06/20/23 14:55	06/20/23
L2335247-02	TFE EFFLUENT	WATER	ALBANY, NY	06/20/23 15:05	06/20/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

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 ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

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: 07/05/23

ORGANICS

VOLATILES

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335247-01
 Client ID: TFE INFLUENT
 Sample Location: ALBANY, NY

Date Collected: 06/20/23 14:55
 Date Received: 06/20/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/30/23 01:03
 Analyst: MJV

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	3.6		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	0.46	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335247-01
Client ID: TFE INFLUENT
Sample Location: ALBANY, NY

Date Collected: 06/20/23 14:55
Date Received: 06/20/23
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	5.7		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	76	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	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335247-02
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 06/20/23 15:05
 Date Received: 06/20/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 06/30/23 00:39
 Analyst: MJV

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	0.25	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 ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335247-02
Client ID: TFE EFFLUENT
Sample Location: ALBANY, NY

Date Collected: 06/20/23 15:05
Date Received: 06/20/23
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	2.4	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	65	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	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	92		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/23 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1798358-5					
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 ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/23 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1798358-5					
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 ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/23 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1798358-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2335247

Project Number: 222575

Report Date: 07/05/23

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: WG1798358-3 WG1798358-4								
Methylene chloride	94		100		70-130	6		20
1,1-Dichloroethane	97		100		70-130	3		20
Chloroform	94		100		70-130	6		20
Carbon tetrachloride	94		100		63-132	6		20
1,2-Dichloropropane	94		100		70-130	6		20
Dibromochloromethane	95		110		63-130	15		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	99		110		75-130	11		20
Trichlorofluoromethane	98		98		62-150	0		20
1,2-Dichloroethane	92		100		70-130	8		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	90		100		67-130	11		20
trans-1,3-Dichloropropene	94		100		70-130	6		20
cis-1,3-Dichloropropene	89		98		70-130	10		20
Bromoform	94		110		54-136	16		20
1,1,2,2-Tetrachloroethane	100		120		67-130	18		20
Benzene	94		100		70-130	6		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	100		110		64-130	10		20
Bromomethane	64		76		39-139	17		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2335247

Report Date: 07/05/23

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: WG1798358-3 WG1798358-4								
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	97		100		70-130	3		20
Trichloroethene	88		94		70-130	7		20
1,2-Dichlorobenzene	99		110		70-130	11		20
1,3-Dichlorobenzene	98		110		70-130	12		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	90		100		63-130	11		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	100		110		70-130	10		20
cis-1,2-Dichloroethene	95		100		70-130	5		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	88		110		58-148	22	Q	20
Carbon disulfide	98		100		51-130	2		20
2-Butanone	76		100		63-138	27	Q	20
4-Methyl-2-pentanone	100		120		59-130	18		20
2-Hexanone	93		110		57-130	17		20
Bromochloromethane	93		100		70-130	7		20
1,2-Dibromoethane	97		110		70-130	13		20
1,2-Dibromo-3-chloropropane	93		110		41-144	17		20
Isopropylbenzene	100		110		70-130	10		20
1,2,3-Trichlorobenzene	96		110		70-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2335247

Report Date: 07/05/23

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: WG1798358-3 WG1798358-4								
1,2,4-Trichlorobenzene	95		110		70-130	15		20
Methyl Acetate	91		110		70-130	19		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	76		98		56-162	25	Q	20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	96		94		70-130

Project Name: 136 FULLER ROAD

Project Number: 2222575

Serial_No:07052312:03

Lab Number: L2335247

Report Date: 07/05/23

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(*)
L2335247-01A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2335247-01B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2335247-01C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2335247-02A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2335247-02B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2335247-02C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

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 ROAD
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
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Data Qualifiers

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

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335247
Report Date: 07/05/23

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

EPA 625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

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

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


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

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

EPA 245.1 Hg.

SM2340B

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

 NEW YORK CHAIN OF CUSTODY	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	Date Rec'd in Lab	ALPHA Job # L2335247	
		of			
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: 508-822-3268	Project Information			
Project Name: 136 Fuller Road Project Location: Albany, NY Project # 2022575 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other			
Client Information Client: LaBella Associates Address: 4 British American Letman, NY 12116 Phone: 518-266-7355 Fax: Email: bfields@labella.com		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO# 2222575 appk@labella.com			
Project Manager: Branson Fields 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			
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		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"/> Other project specific requirements/comments:		ANALYSIS			
Please specify Metals or TAL.		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials	Total Bottle
35247-01	TFE Influent	6/20/23 1455	6W	BF	X
-02	TFE Effluent	6/20/23 1505	6W	BF	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: Branson Fields (Labella)		Date/Time 6/20/23 1530	
		Received By: B. Lyons		Date/Time 6/20/23 1530	
		R. Lyons		6/21/23 01:00	
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:	L2335250
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	07/05/23

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

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



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2335250-01	TFE EFFLUENT	SOIL_VAPOR	ALBANY, NY	06/20/23 15:20	06/20/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

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 ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 14, 2023. The canister certification results are provided as an addendum.

L2335250-01D: 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.

L2335250-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: 07/05/23

AIR

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335250-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 06/20/23 15:20
 Date Received: 06/20/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 06/30/23 16:42
 Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.59	0.582	--	7.86	2.88	--		2.911
Chloromethane	ND	0.582	--	ND	1.20	--		2.911
Freon-114	ND	0.582	--	ND	4.07	--		2.911
Vinyl chloride	ND	0.582	--	ND	1.49	--		2.911
1,3-Butadiene	ND	0.582	--	ND	1.29	--		2.911
Bromomethane	ND	0.582	--	ND	2.26	--		2.911
Chloroethane	1.21	0.582	--	3.19	1.54	--		2.911
Ethanol	ND	14.6	--	ND	27.5	--		2.911
Vinyl bromide	ND	0.582	--	ND	2.54	--		2.911
Acetone	4.91	2.91	--	11.7	6.91	--		2.911
Trichlorofluoromethane	7.57	0.582	--	42.5	3.27	--		2.911
Isopropanol	ND	1.46	--	ND	3.59	--		2.911
1,1-Dichloroethene	4.95	0.582	--	19.6	2.31	--		2.911
Tertiary butyl Alcohol	ND	1.46	--	ND	4.43	--		2.911
Methylene chloride	ND	1.46	--	ND	5.07	--		2.911
3-Chloropropene	ND	0.582	--	ND	1.82	--		2.911
Carbon disulfide	2.38	0.582	--	7.41	1.81	--		2.911
Freon-113	ND	0.582	--	ND	4.46	--		2.911
trans-1,2-Dichloroethene	0.745	0.582	--	2.95	2.31	--		2.911
1,1-Dichloroethane	19.5	0.582	--	78.9	2.36	--		2.911
Methyl tert butyl ether	ND	0.582	--	ND	2.10	--		2.911
2-Butanone	ND	1.46	--	ND	4.31	--		2.911
cis-1,2-Dichloroethene	172	0.582	--	682	2.31	--		2.911



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335250-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 06/20/23 15:20
 Date Received: 06/20/23
 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	1.46	--	ND	5.26	--		2.911
Chloroform	ND	0.582	--	ND	2.84	--		2.911
Tetrahydrofuran	ND	1.46	--	ND	4.31	--		2.911
1,2-Dichloroethane	ND	0.582	--	ND	2.36	--		2.911
n-Hexane	ND	0.582	--	ND	2.05	--		2.911
1,1,1-Trichloroethane	31.4	0.582	--	171	3.18	--		2.911
Benzene	ND	0.582	--	ND	1.86	--		2.911
Carbon tetrachloride	ND	0.582	--	ND	3.66	--		2.911
Cyclohexane	ND	0.582	--	ND	2.00	--		2.911
1,2-Dichloropropane	ND	0.582	--	ND	2.69	--		2.911
Bromodichloromethane	ND	0.582	--	ND	3.90	--		2.911
1,4-Dioxane	3.31	0.582	--	11.9	2.10	--		2.911
Trichloroethene	21.3	0.582	--	114	3.13	--		2.911
2,2,4-Trimethylpentane	ND	0.582	--	ND	2.72	--		2.911
Heptane	ND	0.582	--	ND	2.39	--		2.911
cis-1,3-Dichloropropene	ND	0.582	--	ND	2.64	--		2.911
4-Methyl-2-pentanone	ND	1.46	--	ND	5.98	--		2.911
trans-1,3-Dichloropropene	ND	0.582	--	ND	2.64	--		2.911
1,1,2-Trichloroethane	ND	0.582	--	ND	3.18	--		2.911
Toluene	ND	0.582	--	ND	2.19	--		2.911
2-Hexanone	ND	0.582	--	ND	2.39	--		2.911
Dibromochloromethane	ND	0.582	--	ND	4.96	--		2.911
1,2-Dibromoethane	ND	0.582	--	ND	4.47	--		2.911
Tetrachloroethene	156	0.582	--	1060	3.95	--		2.911
Chlorobenzene	ND	0.582	--	ND	2.68	--		2.911
Ethylbenzene	ND	0.582	--	ND	2.53	--		2.911



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

SAMPLE RESULTS

Lab ID: L2335250-01 D
 Client ID: TFE EFFLUENT
 Sample Location: ALBANY, NY

Date Collected: 06/20/23 15:20
 Date Received: 06/20/23
 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	ND	1.16	--	ND	5.04	--		2.911
Bromoform	ND	0.582	--	ND	6.02	--		2.911
Styrene	ND	0.582	--	ND	2.48	--		2.911
1,1,2,2-Tetrachloroethane	ND	0.582	--	ND	4.00	--		2.911
o-Xylene	ND	0.582	--	ND	2.53	--		2.911
4-Ethyltoluene	ND	0.582	--	ND	2.86	--		2.911
1,3,5-Trimethylbenzene	ND	0.582	--	ND	2.86	--		2.911
1,2,4-Trimethylbenzene	ND	0.582	--	ND	2.86	--		2.911
Benzyl chloride	ND	0.582	--	ND	3.01	--		2.911
1,3-Dichlorobenzene	ND	0.582	--	ND	3.50	--		2.911
1,4-Dichlorobenzene	ND	0.582	--	ND	3.50	--		2.911
1,2-Dichlorobenzene	ND	0.582	--	ND	3.50	--		2.911
1,2,4-Trichlorobenzene	ND	0.582	--	ND	4.32	--		2.911
Hexachlorobutadiene	ND	0.582	--	ND	6.21	--		2.911

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



Project Name: 136 FULLER ROAD

Lab Number: L2335250

Project Number: 2222575

Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/30/23 14:18

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1798473-4								
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 ROAD

Lab Number: L2335250

Project Number: 2222575

Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/30/23 14:18

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1798473-4								
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 ROAD

Lab Number: L2335250

Project Number: 2222575

Report Date: 07/05/23

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/30/23 14:18

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1798473-4								
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 ROAD

Project Number: 222575

Lab Number: L2335250

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1798473-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	78		-		70-130	-		
Freon-114	101		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	96		-		70-130	-		
Bromomethane	89		-		70-130	-		
Chloroethane	90		-		70-130	-		
Ethanol	99		-		40-160	-		
Vinyl bromide	78		-		70-130	-		
Acetone	86		-		40-160	-		
Trichlorofluoromethane	87		-		70-130	-		
Isopropanol	68		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	88		-		70-130	-		
Methylene chloride	85		-		70-130	-		
3-Chloropropene	84		-		70-130	-		
Carbon disulfide	78		-		70-130	-		
Freon-113	80		-		70-130	-		
trans-1,2-Dichloroethene	81		-		70-130	-		
1,1-Dichloroethane	82		-		70-130	-		
Methyl tert butyl ether	75		-		70-130	-		
2-Butanone	81		-		70-130	-		
cis-1,2-Dichloroethene	86		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2335250

Project Number: 2222575

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1798473-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	87		-		70-130	-		
Tetrahydrofuran	80		-		70-130	-		
1,2-Dichloroethane	75		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	86		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	101		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	101		-		70-130	-		
Heptane	94		-		70-130	-		
cis-1,3-Dichloropropene	94		-		70-130	-		
4-Methyl-2-pentanone	96		-		70-130	-		
trans-1,3-Dichloropropene	91		-		70-130	-		
1,1,2-Trichloroethane	97		-		70-130	-		
Toluene	91		-		70-130	-		
2-Hexanone	92		-		70-130	-		
Dibromochloromethane	101		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2335250

Report Date: 07/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1798473-3								
Tetrachloroethene	87		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
p/m-Xylene	93		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	93		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	94		-		70-130	-		
4-Ethyltoluene	90		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
1,2,4-Trimethylbenzene	93		-		70-130	-		
Benzyl chloride	87		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	90		-		70-130	-		
1,2,4-Trichlorobenzene	90		-		70-130	-		
Hexachlorobutadiene	78		-		70-130	-		

Project Name: 136 FULLER ROAD

Project Number: 2222575

Serial_No:07052315:45
Lab Number: L2335250

Report Date: 07/05/23

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
L2335250-01	TFE EFFLUENT	3775	1.0L Can	06/14/23	410720	L2331323-02	Pass	-29.2	0.0	-	-	-	-

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

Lab Number: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 06/07/23 02:05
 Analyst: RAY

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: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 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: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 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: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 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: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 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								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140



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

Lab Number: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 06/07/23 02:05
 Analyst: RAY

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: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 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	0.100	--	ND	0.377	--		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	0.100	--	ND	0.518	--		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: L2331323
Report Date: 07/05/23

Air Canister Certification Results

Lab ID: L2331323-02
 Client ID: CAN 3670 SHELF 5
 Sample Location:

Date Collected: 06/05/23 18:00
 Date Received: 06/06/23
 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
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	92		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140



Project Name: 136 FULLER ROAD**Lab Number:** L2335250**Project Number:** 2222575**Report Date:** 07/05/23**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**

L2335250-01A 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 ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

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 ROAD
Project Number: 2222575

Lab Number: L2335250
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

Data Qualifiers

- 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 the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2335250
Report Date: 07/05/23

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

EPA 625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

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

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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



ANALYTICAL REPORT

Lab Number:	L2338434
Client:	LaBella Associates, P.C. 4 British American Boulevard Latham, NY 12110
ATTN:	Branson Fields
Phone:	(518) 266-7355
Project Name:	136 FULLER ROAD
Project Number:	2222575
Report Date:	07/20/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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



Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2338434-01	WC-01 (EAST)	SOIL	ALBANY, NY	07/06/23 12:00	07/06/23
L2338434-02	WC 02 (WEST)	SOIL	ALBANY, NY	07/06/23 12:15	07/06/23

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

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 ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

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

The analysis performed was specified by the client.

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:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 07/20/23

ORGANICS

VOLATILES

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

SAMPLE RESULTS

Lab ID: L2338434-01
Client ID: WC-01 (EAST)
Sample Location: ALBANY, NY

Date Collected: 07/06/23 12:00
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/11/23 19:18
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 136 FULLER ROAD

Lab Number: L2338434

Project Number: 2222575

Report Date: 07/20/23

SAMPLE RESULTS

Lab ID: L2338434-01
 Client ID: WC-01 (EAST)
 Sample Location: ALBANY, NY

Date Collected: 07/06/23 12:00
 Date Received: 07/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	63		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	1.8	J	ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

SAMPLE RESULTS

Lab ID: L2338434-02
 Client ID: WC 02 (WEST)
 Sample Location: ALBANY, NY

Date Collected: 07/06/23 12:15
 Date Received: 07/06/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/11/23 19:44
 Analyst: JIC
 Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.24	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 136 FULLER ROAD

Lab Number: L2338434

Project Number: 2222575

Report Date: 07/20/23

SAMPLE RESULTS

Lab ID: L2338434-02
 Client ID: WC 02 (WEST)
 Sample Location: ALBANY, NY

Date Collected: 07/06/23 12:15
 Date Received: 07/06/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	13		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	107		70-130

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/23 13:37
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1802269-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/23 13:37
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1802269-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/23 13:37
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1802269-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2338434

Project Number: 2222575

Report Date: 07/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1802269-3 WG1802269-4								
Methylene chloride	85		86		70-130	1		30
1,1-Dichloroethane	105		104		70-130	1		30
Chloroform	100		99		70-130	1		30
Carbon tetrachloride	124		123		70-130	1		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	97		96		70-130	1		30
1,1,2-Trichloroethane	78		78		70-130	0		30
Tetrachloroethene	112		108		70-130	4		30
Chlorobenzene	89		87		70-130	2		30
Trichlorofluoromethane	130		125		70-139	4		30
1,2-Dichloroethane	114		113		70-130	1		30
1,1,1-Trichloroethane	118		116		70-130	2		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	82		82		70-130	0		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
Bromoform	90		93		70-130	3		30
1,1,2,2-Tetrachloroethane	67	Q	68	Q	70-130	1		30
Benzene	92		91		70-130	1		30
Toluene	82		80		70-130	2		30
Ethylbenzene	88		86		70-130	2		30
Chloromethane	129		116		52-130	11		30
Bromomethane	148	Q	138		57-147	7		30
Vinyl chloride	125		120		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Lab Number: L2338434

Project Number: 2222575

Report Date: 07/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1802269-3 WG1802269-4								
Chloroethane	110		107		50-151	3		30
1,1-Dichloroethene	102		101		65-135	1		30
trans-1,2-Dichloroethene	103		101		70-130	2		30
Trichloroethene	113		112		70-130	1		30
1,2-Dichlorobenzene	91		92		70-130	1		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	91		92		70-130	1		30
Methyl tert butyl ether	108		110		66-130	2		30
p/m-Xylene	89		86		70-130	3		30
o-Xylene	89		87		70-130	2		30
cis-1,2-Dichloroethene	101		99		70-130	2		30
Styrene	86		84		70-130	2		30
Dichlorodifluoromethane	126		123		30-146	2		30
Acetone	105		108		54-140	3		30
Carbon disulfide	95		92		59-130	3		30
2-Butanone	103		103		70-130	0		30
4-Methyl-2-pentanone	83		85		70-130	2		30
2-Hexanone	80		82		70-130	2		30
Bromochloromethane	111		111		70-130	0		30
1,2-Dibromoethane	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	80		84		68-130	5		30
Isopropylbenzene	84		84		70-130	0		30
1,2,3-Trichlorobenzene	95		97		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 222575

Lab Number: L2338434

Report Date: 07/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1802269-3 WG1802269-4								
1,2,4-Trichlorobenzene	96		97		70-130	1		30
Methyl Acetate	111		116		51-146	4		30
Cyclohexane	103		101		59-142	2		30
1,4-Dioxane	86		87		65-136	1		30
Freon-113	107		107		50-139	0		30
Methyl cyclohexane	93		91		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	89		88		70-130
4-Bromofluorobenzene	88		89		70-130
Dibromofluoromethane	105		103		70-130

INORGANICS & MISCELLANEOUS

Project Name: 136 FULLER ROAD

Project Number: 2222575

Lab Number: L2338434

Report Date: 07/20/23

SAMPLE RESULTS

Lab ID: L2338434-01
 Client ID: WC-01 (EAST)
 Sample Location: ALBANY, NY

Date Collected: 07/06/23 12:00
 Date Received: 07/06/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	07/07/23 10:46	121,2540G	ROI



Project Name: 136 FULLER ROAD

Project Number: 2222575

Lab Number: L2338434

Report Date: 07/20/23

SAMPLE RESULTS

Lab ID: L2338434-02

Client ID: WC 02 (WEST)

Sample Location: ALBANY, NY

Date Collected: 07/06/23 12:15

Date Received: 07/06/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	07/07/23 10:46	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: 136 FULLER ROAD

Project Number: 2222575

Lab Number: L2338434

Report Date: 07/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1800562-1 QC Sample: L2338621-01 Client ID: DUP Sample						
Solids, Total	93.0	93.4	%	0		20

Project Name: 136 FULLER ROAD**Lab Number:** L2338434**Project Number:** 2222575**Report Date:** 07/20/23**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(*)
L2338434-01A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2338434-01B	Vial water preserved	A	NA		4.3	Y	Absent	07-JUL-23 11:05	NYTCL-8260HLW-R2(14)
L2338434-01C	Vial water preserved	A	NA		4.3	Y	Absent	07-JUL-23 11:05	NYTCL-8260HLW-R2(14)
L2338434-01D	Vial unpreserved	A	NA		4.3	Y	Absent		TS(7)
L2338434-02A	Vial MeOH preserved	A	NA		4.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2338434-02B	Vial water preserved	A	NA		4.3	Y	Absent	07-JUL-23 11:05	NYTCL-8260HLW-R2(14)
L2338434-02C	Vial water preserved	A	NA		4.3	Y	Absent	07-JUL-23 11:05	NYTCL-8260HLW-R2(14)
L2338434-02D	Vial unpreserved	A	NA		4.3	Y	Absent		TS(7)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

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 ROAD
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Lab Number: L2338434
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: 136 FULLER ROAD
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Data Qualifiers

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

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 136 FULLER ROAD
Project Number: 2222575

Lab Number: L2338434
Report Date: 07/20/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

EPA 625.1: alpha-Terpineol

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

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

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

Mansfield Facility

SM 2540D: TSS.

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

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

Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water

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

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

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

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

Non-Potable Water

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

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

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

EPA 624.1: Volatile Halocarbons & Aromatics,

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

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

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

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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

Fields, Branson

From: Forster, Kyle M (DEC) <kyle.forster@dec.ny.gov>
Sent: Tuesday, August 1, 2023 1:10 PM
To: Fields, Branson
Subject: [Ext] RE: 2222575_136 Fuller Rd._Soil Re-use

Hi Branson, thank you for providing the below information. I'm ok with moving the soil piles as proposed.

Regards,

Kyle Forster

Environmental Engineer, Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233
P: (518) 402-8644 | M: (914) 874-9139 | kyle.forster@dec.ny.gov

www.dec.ny.gov |  |  | 



From: Fields, Branson <bfields@LaBellaPC.com>
Sent: Tuesday, August 1, 2023 8:01 AM
To: Forster, Kyle M (DEC) <kyle.forster@dec.ny.gov>
Subject: 2222575_136 Fuller Rd._Soil Re-use

You don't often get email from bfields@labellapc.com. [Learn why this is important](#)

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Hi Kyle,

Thanks for following up with me this morning on soil reuse at 136 Fuller Rd. (BCP No. C401055)
Two waste characterization samples were collected on 7/6/23, "WC-01(East)" and "WC-02(West)". WC-01(East) was collected from the soil pile generated during January 2023 water line repair in NE site area, and WC-02(West) came from soil generated during most recent water line repair in NW site area. Soil pile locations indicated on attached figure. I estimate approximately 70-yd³ of material or less between the two soil piles. Laboratory data has been received (attached) and results confirm field observations that did not identify impacts at either excavation area. Soil sample results from both soil piles meet NYSDEC Unrestricted Soil Cleanup Objectives (UUSCO).

I've indicated to the Client that consistent with the Site Management Plan (SMP) and NYSDEC DER-10, soil that meets the UUSCO can be reused on-Site without restrictions, but we will need to track where the soil was moved on-Site and indicate in future summary reporting to the NYSDEC. The client proposes to relocate soil to area indicated in below figure.



Please let me know if additional information is required, or whether Client can proceed with soil re-use plans.

Thanks Kyle!

Branson Fields

LaBella Associates | Project Manager - Environmental Scientist



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Latham, New York 12110

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