

July 10, 2025

Mr. Christopher Aucoin, PhD
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Via email: Christopher.Aucoin@dec.ny.gov

Re: Progress Report: June 2025
Frost Street Sites: Site ID Nos. 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Mr. Aucoin,

EnSafe Inc. is pleased to submit this Progress Report for the Frost Street Sites (Site ID Nos. 1-30043 I, L, M) for operation, maintenance, and monitoring (OM&M) activities completed in June 2025 for the onsite air sparge/soil vapor extraction (AS/SVE) and groundwater extraction systems.

Air Sparge/Soil Vapor Extraction System – Operable Unit 1

- AS/SVE system operations continued this month, per the OM&M Manual. During periodic visits, system parameters were logged on dedicated forms (Appendix A). During the month of June, two alarm calls were received. The alarm was due to blower soft start failures. The alarms were rectified by restarting the system and only running blower 1.
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on June 3 using Summa canisters. These samples were obtained by EnviroTrac, submitted to Pace Analytical Laboratories, and analyzed by Method TO-15. Results are included in Appendix B.
 - Photoionization detector readings and influent concentrations of Frost Street-related contaminants of concern (tetrachloroethene, trichloroethene, and cis-1,2-dichloroethene [17,113 micrograms per cubic meter) continue to indicate significant mass extraction.
 - Effluent concentrations are below the carbon exchange indicator concentrations as shown below.

Frost Street Sites Effluent Compliance			
System Flow Rate =		800 ft ³ /min	
Compound	Annual Mass Emission Limit ¹ (lbs/year)	Carbon Exchange Required Indicator Concentration (µg/m ³) ²	June 2025 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	213
Tetrachloroethene	1,000	38,000	222
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene ³	100	3,800	271

Notes:

ft/min cubic feet per minute

lbs/year pounds per year

µg/m³ micrograms per cubic meter

ND not detected

1 Source of Mass Emission Limit: Part 212-2.2 Table 2 — High Toxicity Air Contaminant List

2 These limits were calculated based on Frost Street-specific system operations (i.e., flow rate) in order to remain below the annual HTAC emissions listed in Part 212-2.2 Table 2. Remaining below these concentrations ensures that annual emissions will not exceed the limit which demonstrates compliance with Part 212 without having to perform compound-specific analyses.

3 Cis-1,2-dichloroethene is not a listed HTAC, so the default is 100 lbs/year.

Groundwater Extraction System – Operable Unit 2

The pumps in EX-1A, EX-1B, EX-1C, and EX-1D operated near design flow rates (30, 30, 48, and 48 gallons per minute, respectively) for all of June. To date, over 530 million gallons of groundwater and approximately 549 pounds of VOCs have been removed by this system.

Quarterly samples were collected from each extraction well on June 30 and analyzed for VOCs; a summary of the detected values is provided below. This data continues to indicate significant mass extraction. Full results for these events are provided in Appendix C; historical data is graphed in Appendix D.

Groundwater Extraction System Individual Extraction Well Data – Volatile Organic Compounds (ppb)				
Analyte	EX-1A	EX-1B	EX-1C	EX-1D
1,1,1-Trichloroethane	ND	ND	ND	1.1
1,1-Dichloroethane	ND	ND	ND	0.95
1,1-Dichloroethene	ND	ND	0.67	11
Carbon Tetrachloride	ND	ND	ND	0.56
Chloroform	0.26	ND	ND	2.1
cis-1,2-Dichloroethene	1.5	15	0.5	4.1
Tetrachloroethene	39	92	14	76
Trichloroethene	2.7	6	2.1	20
Total VOCs	43.43	113	17.27	115.81

Groundwater Sampling

The fifth quarter groundwater sampling event was completed from March 25 to 27. Results will be submitted in the forthcoming comprehensive groundwater monitoring report.

If you have any questions or require additional information, please do not hesitate to contact me at 860-665-1140 or astark@ensafe.com.

Sincerely,
EnSafe, Inc., by



Alexandra Stark, P.E.
Attachments

Copies:	A. Tamuno, Esq., NYSDEC	<i>Via email to amtamuno@gw.dec.state.ny.us</i>
	M. Dolan, NYSDOH	<i>Via email to michele.dolan@health.ny.gov</i>
	S. Selmer, NYSDOH	<i>Via email to stephanie.selmer@health.ny.gov</i>
	R. Putnam, NCDOH	<i>Via email to rputnam@nassaucountyny.gov</i>
	A. Conway, U.S. EPA	<i>Via email to conway.aidan@epa.gov</i>
	T. Pupilla, Sanders Equities	<i>Via email to tpupilla@sandersequities.com</i>
	M. Peters, The West Firm	<i>Via email to mpeters@westfirmlaw.com</i>
	P. Coop, EnSafe	<i>Via email to pcoop@ensafe.com</i>
	J. Wilkinson, Envirotrac	<i>Via email to jamesw@envirotrac.com</i>

Appendix A
AS/SVE System Operation and Maintenance Logs

Operation & Maintenance Data Sheet
Ensafe-Frost Street
101 Frost Street
Westbury, NY

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

Date: 3-Jun
Weather / Temp: Clear/ 70 DEG
Technician / Operator: JW

Arrival Time: 9:30
Departure Time: 10:30

System Status										
	Arrival		Departure			Arrival		Departure		
SVE Blower 1 (ON/OFF)	OFF		OFF		AS Compressor 1 (ON/OFF)	ON		ON		
SVE Blower 2 (ON/OFF)	ON		ON		AS Compressor 2 (ON/OFF)	OFF		OFF		
					Air Cooler (ON/OFF)	ON		ON		
Soil Vapor Extraction System										
Blower Air Velocity/Flow Rate (fpm)/(cfm)	4400		864		Blower 1 Total Runtime (hrs)	78,608.8				
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	78,156.6				
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0				
Blower Inlet Vacuum ("H2O)	46				Blower 2 Air Filter Differential Pressure ("H2O)	0				
Moisture Separator Vacuum ("Hg)	3				VGAC-1 Influent PID (ppm)	3				
VGAC-1 Influent Vacuum ("H2O)	36				VGAC-1 Effluent PID (ppm)	0				
VGAC-1 Effluent Vacuum ("H2O)	40				VGAC-2 Influent PID (ppm)	3				
VGAC-2 Influent Vacuum ("H2O)	36				VGAC-2 Effluent PID (ppm)	0				
VGAC-2 Effluent Vacuum ("H2O)	40				VGAC-3 Influent PID (ppm)	0				
VGAC-3 Influent Vacuum ("H2O)	47				VGAC-3 Effluent PID (ppm)	0				
VGAC-3 Effluent Vacuum ("H2O)	48				Blower Effluent PID (ppm)	0				
VGAC-3 Influent Temp (DegF)					Transfer Pump Total Runtime (hrs)	25,328.1				
Blower Effluent Pressure ("H2O)	7				Condensate Storage Tank Level (gal)	220				
SVE Manifold Legs - Vacuum/Flow Rate/PID										
	<u>Vacuum</u>	<u>Velocity</u>	<u>Flow Rate</u>	<u>PID</u>		<u>Vacuum</u>	<u>Velocity</u>	<u>Flow Rate</u>	<u>PID</u>	
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	42	6100	133	3	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	34	4000	87	0	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	43	4000	87	4	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	42	2850	62	1	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	34	4800	105	0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	40	5800	127	8	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	32	4000	87	0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	35	2900	63	0	
Air Sparge System										
Compressor 1 Pressure (psi)	15				Compressor 2 Pressure (psi)	Off				
Compressor 1 Runtime (hrs)	34,850.7				Compressor 2 Temperature (degF)	Off				
Air Cooler Inlet Temperature (degF)	166				Compressor 2 Regulator Pressure (psi)	Off				
Air Cooler Outlet Temperature (degF)	95				Compressor 2 Runtime (hrs)	40,734				
Air Cooler Inlet Pressure (psi)	13				AS Manifold Temperature (degF)	90				
Air Cooler Outlet Pressure (psi)	14				AS Manifold Pressure	14				
AS Manifold Legs - Pressure/Flow Rate										
	<u>Pressure</u>		<u>Flow Rate</u>			<u>Pressure</u>		<u>Flow Rate</u>		
AS-1 (psi)/(cfm)	16		10		AS-11 (psi)/(cfm)	13		11		
AS-2 (psi)/(cfm)	15		10		AS-12B (psi)/(cfm)	15		20		
AS-3 (psi)/(cfm)	13		10		AS-13B (psi)/(cfm)	16		10		
AS-4 (psi)/(cfm)	13		10		AS-14 (psi)/(cfm)	16		10		
AS-5 (psi)/(cfm)	15		10		AS-15 (psi)/(cfm)	13		12		
AS-6 (psi)/(cfm)	16		9		AS-16B (psi)/(cfm)	12		12		
AS-7 (psi)/(cfm)	15		6		AS-17 (psi)/(cfm)	16		8		
AS-8 (psi)/(cfm)	15		13		AS-18 (psi)/(cfm)	15		12		
AS-9 (psi)/(cfm)	16		10		AS-19 (psi)/(cfm)	18		5		
AS-10B (psi)/(cfm)	15		10							

Notes, Comments & Observations:

Inspection, Maintenance, Lubrication Schedule
Ensafe-Frost Street
101 Frost Street
Westbury, NY

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

Date:
Weather / Temp:
Technician / Operator:

3-Jun
Clear/ 70 DEG
JW

Arrival Time:
Departure Time:

9:30
10:30

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	Y	Oil changed on 4/30/25
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	
-Inspect Belts	Weekly	Y	
SVE Blower B-2			
-Inspect	Weekly	Y	
-Lubricate	As Required	Y	Oil changed on 4/30/25
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	
-Inspect Belts	Weekly	Y	
SVE Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
Phase Separator/Storage Tank			
-Inspect	Weekly	Y	
-Check Level Switches	As Required	Y	
-Inspect water storage tank	Weekly	Y	
-Pump water to sewer drain	As Required	Y	
AS Compressor 1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 1/29/25
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	N	
-Amp Draw	Quarterly	N	
Air Cooler			
-Inspect	Weekly	Y	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
-Drain Filters/Collectors	Weekly	Y	
-Drain Pressure Tank	Weekly	Y	

ALARM VISIT LOG
AS/SVE SYSTEM
101 FROST STREET, WESTBURY, NY

[illegible]

Appendix B
AS/SVE System Vapor Influent/Effluent Sampling
Laboratory Analytical Results



ANALYTICAL REPORT

Lab Number:	L2535269
Client:	Envirotrac Ltd. 5 Old Dock Road Yaphank, NY 11980
ATTN:	Jim Wilkinson
Phone:	(631) 924-3001
Project Name:	FROST ST. 001
Project Number:	Not Specified
Report Date:	06/24/25

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

Certifications & Approvals: NH ELAP (2249).

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



Project Name: FROST ST. 001
Project Number: Not Specified

Lab Number: L2535269
Report Date: 06/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2535269-01	SVE EFFLUENT	SOIL_VAPOR	WESTBURY, NY	06/03/25 12:57	06/04/25
L2535269-02	SVE INFLUENT	SOIL_VAPOR	WESTBURY, NY	06/03/25 12:59	06/04/25

Project Name: FROST ST. 001
Project Number: Not Specified

Lab Number: L2535269
Report Date: 06/24/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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: FROST ST. 001
Project Number: Not Specified

Lab Number: L2535269
Report Date: 06/24/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 21, 2025. The canister certification data is provided as an addendum.

L2535269-02D: 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: 06/24/25

AIR

Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**SAMPLE RESULTS**

Lab ID: L2535269-01
 Client ID: SVE EFFLUENT
 Sample Location: WESTBURY, NY

Date Collected: 06/03/25 12:57
 Date Received: 06/04/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/18/25 03:52

Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.469	0.200	--	2.32	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	18.9	5.00	--	35.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	21.9	1.00	--	52.0	2.38	--		1
Trichlorofluoromethane	0.262	0.200	--	1.47	1.12	--		1
Isopropanol	3.12	1.00	--	7.67	2.46	--		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	0.874	0.200	--	3.47	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	3.17	0.500	--	9.35	1.47	--		1
cis-1,2-Dichloroethene	68.4	0.200	--	271	0.793	--		1



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**SAMPLE RESULTS**

Lab ID: L2535269-01
 Client ID: SVE EFFLUENT
 Sample Location: WESTBURY, NY

Date Collected: 06/03/25 12:57
 Date Received: 06/04/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	5.58	0.500	--	16.5	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.463	0.200	--	1.63	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	0.876	0.200	--	3.02	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	39.7	0.200	--	213	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.278	0.200	--	1.14	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	0.505	0.200	--	1.90	0.754	--		1
2-Hexanone	0.447	0.200	--	1.83	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	32.8	0.200	--	222	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**SAMPLE RESULTS**

Lab ID: L2535269-01
 Client ID: SVE EFFLUENT
 Sample Location: WESTBURY, NY

Date Collected: 06/03/25 12:57
 Date Received: 06/04/25
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	111		60-140



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**SAMPLE RESULTS**

Lab ID: L2535269-02 D

Client ID: SVE INFLUENT

Sample Location: WESTBURY, NY

Date Collected: 06/03/25 12:59

Date Received: 06/04/25

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 06/18/25 04:25

Analyst: RAY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	8.08	--	ND	40.0	--		40.39
Chloromethane	ND	8.08	--	ND	16.7	--		40.39
Freon-114	ND	8.08	--	ND	56.5	--		40.39
Vinyl chloride	ND	8.08	--	ND	20.7	--		40.39
1,3-Butadiene	ND	8.08	--	ND	17.9	--		40.39
Bromomethane	ND	8.08	--	ND	31.4	--		40.39
Chloroethane	ND	8.08	--	ND	21.3	--		40.39
Ethanol	ND	202	--	ND	381	--		40.39
Vinyl bromide	ND	8.08	--	ND	35.3	--		40.39
Acetone	111	40.4	--	264	96.0	--		40.39
Trichlorofluoromethane	ND	8.08	--	ND	45.4	--		40.39
Isopropanol	167	40.4	--	410	99.3	--		40.39
1,1-Dichloroethene	ND	8.08	--	ND	32.0	--		40.39
Tertiary butyl Alcohol	ND	20.2	--	ND	61.2	--		40.39
Methylene chloride	ND	20.2	--	ND	70.2	--		40.39
3-Chloropropene	ND	8.08	--	ND	25.3	--		40.39
Carbon disulfide	ND	8.08	--	ND	25.2	--		40.39
Freon-113	ND	8.08	--	ND	61.9	--		40.39
trans-1,2-Dichloroethene	ND	8.08	--	ND	32.0	--		40.39
1,1-Dichloroethane	ND	8.08	--	ND	32.7	--		40.39
Methyl tert butyl ether	ND	8.08	--	ND	29.1	--		40.39
2-Butanone	ND	20.2	--	ND	59.6	--		40.39
cis-1,2-Dichloroethene	56.8	8.08	--	225	32.0	--		40.39



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**SAMPLE RESULTS**

Lab ID: L2535269-02 D

Client ID: SVE INFLUENT

Sample Location: WESTBURY, NY

Date Collected: 06/03/25 12:59

Date Received: 06/04/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Ethyl Acetate	ND	20.2	--	ND	72.8	--		40.39
Chloroform	ND	8.08	--	ND	39.5	--		40.39
Tetrahydrofuran	ND	20.2	--	ND	59.6	--		40.39
1,2-Dichloroethane	ND	8.08	--	ND	32.7	--		40.39
n-Hexane	88.8	8.08	--	313	28.5	--		40.39
1,1,1-Trichloroethane	ND	8.08	--	ND	44.1	--		40.39
Benzene	ND	8.08	--	ND	25.8	--		40.39
Carbon tetrachloride	ND	8.08	--	ND	50.8	--		40.39
Cyclohexane	37.8	8.08	--	130	27.8	--		40.39
1,2-Dichloropropane	ND	8.08	--	ND	37.3	--		40.39
Bromodichloromethane	ND	8.08	--	ND	54.1	--		40.39
1,4-Dioxane	ND	8.08	--	ND	29.1	--		40.39
Trichloroethene	128	8.08	--	688	43.4	--		40.39
2,2,4-Trimethylpentane	ND	8.08	--	ND	37.7	--		40.39
Heptane	ND	8.08	--	ND	33.1	--		40.39
cis-1,3-Dichloropropene	ND	8.08	--	ND	36.7	--		40.39
4-Methyl-2-pentanone	ND	20.2	--	ND	82.8	--		40.39
trans-1,3-Dichloropropene	ND	8.08	--	ND	36.7	--		40.39
1,1,2-Trichloroethane	ND	8.08	--	ND	44.1	--		40.39
Toluene	ND	8.08	--	ND	30.4	--		40.39
2-Hexanone	ND	8.08	--	ND	33.1	--		40.39
Dibromochloromethane	ND	8.08	--	ND	68.8	--		40.39
1,2-Dibromoethane	ND	8.08	--	ND	62.1	--		40.39
Tetrachloroethene	2390	8.08	--	16200	54.8	--		40.39
Chlorobenzene	ND	8.08	--	ND	37.2	--		40.39
Ethylbenzene	ND	8.08	--	ND	35.1	--		40.39



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**SAMPLE RESULTS**

Lab ID: L2535269-02 D

Client ID: SVE INFLUENT

Sample Location: WESTBURY, NY

Date Collected: 06/03/25 12:59

Date Received: 06/04/25

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
p/m-Xylene	ND	16.2	--	ND	70.4	--		40.39
Bromoform	ND	8.08	--	ND	83.5	--		40.39
Styrene	ND	8.08	--	ND	34.4	--		40.39
1,1,2,2-Tetrachloroethane	ND	8.08	--	ND	55.5	--		40.39
o-Xylene	ND	8.08	--	ND	35.1	--		40.39
4-Ethyltoluene	ND	8.08	--	ND	39.7	--		40.39
1,3,5-Trimethylbenzene	ND	8.08	--	ND	39.7	--		40.39
1,2,4-Trimethylbenzene	ND	8.08	--	ND	39.7	--		40.39
Benzyl chloride	ND	8.08	--	ND	41.8	--		40.39
1,3-Dichlorobenzene	ND	8.08	--	ND	48.6	--		40.39
1,4-Dichlorobenzene	ND	8.08	--	ND	48.6	--		40.39
1,2-Dichlorobenzene	ND	8.08	--	ND	48.6	--		40.39
1,2,4-Trichlorobenzene	ND	8.08	--	ND	60.0	--		40.39
Naphthalene	ND	7.67	--	ND	40.2	--		40.39
Hexachlorobutadiene	ND	8.08	--	ND	86.2	--		40.39

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	106		60-140



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/17/25 15:27

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2080108-4								
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	1.00	--	ND	2.46	--		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: FROST ST. 001

Lab Number: L2535269

Project Number: Not Specified

Report Date: 06/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/17/25 15:27

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2080108-4								
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: FROST ST. 001

Lab Number: L2535269

Project Number: Not Specified

Report Date: 06/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 06/17/25 15:27

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2080108-4								
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: FROST ST. 001

Project Number: Not Specified

Lab Number: L2535269

Report Date: 06/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2080108-3								
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	81		-		70-130	-		
Freon-114	97		-		70-130	-		
Vinyl chloride	87		-		70-130	-		
1,3-Butadiene	81		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	84		-		70-130	-		
Ethanol	74		-		40-160	-		
Vinyl bromide	83		-		70-130	-		
Acetone	79		-		40-160	-		
Trichlorofluoromethane	88		-		70-130	-		
Isopropanol	71		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	70		-		70-130	-		
Methylene chloride	78		-		70-130	-		
3-Chloropropene	70		-		70-130	-		
Carbon disulfide	79		-		70-130	-		
Freon-113	82		-		70-130	-		
trans-1,2-Dichloroethene	75		-		70-130	-		
1,1-Dichloroethane	76		-		70-130	-		
Methyl tert butyl ether	74		-		70-130	-		
2-Butanone	88		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FROST ST. 001

Project Number: Not Specified

Lab Number: L2535269

Report Date: 06/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2080108-3								
Ethyl Acetate	106		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	92		-		70-130	-		
n-Hexane	110		-		70-130	-		
1,1,1-Trichloroethane	103		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	104		-		70-130	-		
Cyclohexane	104		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	111		-		70-130	-		
Heptane	106		-		70-130	-		
cis-1,3-Dichloropropene	109		-		70-130	-		
4-Methyl-2-pentanone	109		-		70-130	-		
trans-1,3-Dichloropropene	118		-		70-130	-		
1,1,2-Trichloroethane	111		-		70-130	-		
Toluene	102		-		70-130	-		
2-Hexanone	103		-		70-130	-		
Dibromochloromethane	111		-		70-130	-		
1,2-Dibromoethane	110		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FROST ST. 001

Project Number: Not Specified

Lab Number: L2535269

Report Date: 06/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2080108-3								
Tetrachloroethene	100		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	100		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	110		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	115		-		70-130	-		
o-Xylene	105		-		70-130	-		
4-Ethyltoluene	106		-		70-130	-		
1,3,5-Trimethylbenzene	105		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Benzyl chloride	86		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
1,2,4-Trichlorobenzene	99		-		70-130	-		
Naphthalene	94		-		70-130	-		
Hexachlorobutadiene	95		-		70-130	-		

Project Name: FROST ST. 001

Lab Number: L2535269

Serial_No:06242515:11

Project Number:

Report Date: 06/24/25

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	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2535269-01	SVE EFFLUENT	01165	Flow 1	05/21/25	521251		-	-	-	Pass	160	168	5
L2535269-01	SVE EFFLUENT	4844	3.0L Can	05/21/25	521251	L2526124-06	Pass	-29.4	-4.8	-	-	-	-
L2535269-02	SVE INFLUENT	01806	Flow 1	05/21/25	521251		-	-	-	Pass	160	174	8
L2535269-02	SVE INFLUENT	6003	3.0L TO Can	05/21/25	521251	L2526124-06	Pass	-29.5	-4.8	-	-	-	-

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

Lab Number: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
Client ID: CAN 5109 SHELF 47
Sample Location:

Date Collected: 04/29/25 11:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/29/25 22:18
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air 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	1.00	--	ND	2.46	--		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: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
Client ID: CAN 5109 SHELF 47
Sample Location:

Date Collected: 04/29/25 11:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air 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: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
Client ID: CAN 5109 SHELF 47
Sample Location:

Date Collected: 04/29/25 11:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air 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: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
Client ID: CAN 5109 SHELF 47
Sample Location:

Date Collected: 04/29/25 11:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air 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	0.996	--		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: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
 Client ID: CAN 5109 SHELF 47
 Sample Location:

Date Collected: 04/29/25 11:00
 Date Received: 04/29/25
 Field Prep: Not Specified

Sample Depth:

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

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	99		60-140



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

Lab Number: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
Client ID: CAN 5109 SHELF 47
Sample Location:

Date Collected: 04/29/25 11:00
Date Received: 04/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/29/25 22:18
Analyst: KJD

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air 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: L2526124
Report Date: 06/24/25

Air Canister Certification Results

Lab ID: L2526124-06
Client ID: CAN 5109 SHELF 47
Sample Location:

Date Collected: 04/29/25 11:00
Date Received: 04/29/25
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 Air 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
1,1,1,2,2-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-Trimethybenzene	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**Lab Number:** L2526124**Project Number:** CANISTER QC BAT**Report Date:** 06/24/25**Air Canister Certification Results**

Lab ID: L2526124-06

Date Collected: 04/29/25 11:00

Client ID: CAN 5109 SHELF 47

Date Received: 04/29/25

Sample Location:

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 Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140



Project Name: FROST ST. 001
Project Number: Not Specified

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2535269-01A	Canister - 3L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2535269-02A	Canister - 3L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days



Project Name: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25

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: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**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: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25**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: FROST ST. 001**Lab Number:** L2535269**Project Number:** Not Specified**Report Date:** 06/24/25

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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****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.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****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.

Nonpotable Water: EPA RSK-175 Dissolved Gases**The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)****The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****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, **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).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****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**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Client Information

Client: EnviroTrac
Address: 5 Old Dock Rd
Yaphank, NY 11980
Phone: 631 924-3001

Fax:

Email: jamesw@environmentalcan

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name:	Frost St. 001
Project Location:	Westbury, NY
Project #:	
Project Manager:	Jim Wilkinson
ALPHA Quote #:	

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Date Rec'd in Lab: 6/5/25

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☒ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager)

ALPHA Job #: 62535269

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
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ANALYSIS

TO-15
TO-15 SIM
APH
Fixed Gases
Sulfides & Mercaptans by TO-15

Sample Comments (i.e. PID)

All Columns Below Must Be Filled Out

[illegible]

*SAMPLE MATRIX CODES

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

Container Type

Relinquished By:

Date/Time 0/3 13:00

Received By:

Date/Time:

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.

Appendix C
Groundwater Extraction Well Sampling
Quarterly Results



Monday, July 07, 2025

Attn: James Wilkinson
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: FROST STREET - OU2
SDG ID: GCT65565
Sample ID#s: CT65565 - CT65569

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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



Sample Id Cross Reference

July 07, 2025

SDG I.D.: GCT65565

Project ID: FROST STREET - OU2

Client Id	Lab Id	Matrix	Col Date
EX-1A	CT65565	GROUND WATER	06/30/25 10:00
EX-1B	CT65566	GROUND WATER	06/30/25 10:03
EX-1C	CT65567	GROUND WATER	06/30/25 10:06
EX-1D	CT65568	GROUND WATER	06/30/25 10:09
TRIP BLANK	CT65569	WATER	06/30/25 0:00



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



Analysis Report

July 07, 2025

FOR: Attn: James Wilkinson
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information

Matrix: GROUND WATER
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JW
Received by: SR1
Analyzed by: see "By" below

Date

06/30/25
06/30/25

Time

10:00
19:00

Laboratory Data

SDG ID: GCT65565
Phoenix ID: CT65565

Project ID: FROST STREET - OU2
Client ID: EX-1A

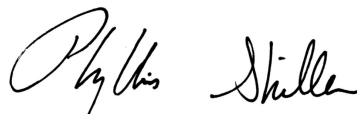
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	06/30/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroform	0.26	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,2-Dichloroethylene	1.5	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
m&p-Xylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	06/30/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
o-Xylenes	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Tetrachloroethene	39	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,2-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Trichloroethene	2.7	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	06/30/25	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	06/30/25	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	06/30/25	MH	70 - 130 %
% Toluene-d8	100			%	1	06/30/25	MH	70 - 130 %

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

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
 The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 07, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

July 07, 2025

FOR: Attn: James Wilkinson
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information

Matrix: GROUND WATER
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JW
Received by: SR1
Analyzed by: see "By" below

Date

06/30/25
06/30/25

Time

10:03
19:00

Laboratory Data

SDG ID: GCT65565
Phoenix ID: CT65566

Project ID: FROST STREET - OU2
Client ID: EX-1B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	06/30/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,2-Dichloroethylene	15	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
m&p-Xylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	06/30/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
o-Xylenes	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Tetrachloroethene	92	2.5	1.3	ug/L	5	07/01/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,2-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Trichloroethene	6.0	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	06/30/25	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	06/30/25	MH	70 - 130 %
% Dibromofluoromethane	104			%	1	06/30/25	MH	70 - 130 %
% Toluene-d8	100			%	1	06/30/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	104			%	5	07/01/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	95			%	5	07/01/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	102			%	5	07/01/25	MH	70 - 130 %
% Toluene-d8 (5x)	101			%	5	07/01/25	MH	70 - 130 %

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

BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 07, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

July 07, 2025

FOR: Attn: James Wilkinson
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information

Matrix: GROUND WATER
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JW
Received by: SR1
Analyzed by: see "By" below

Date

06/30/25
06/30/25

Time

10:06
19:00

Laboratory Data

SDG ID: GCT65565
Phoenix ID: CT65567

Project ID: FROST STREET - OU2
Client ID: EX-1C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethylene	0.67	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	06/30/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,2-Dichloroethylene	0.50	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
m&p-Xylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	06/30/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1

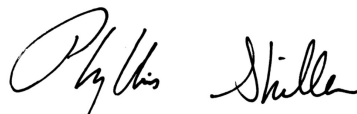
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
o-Xylenes	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Tetrachloroethene	14	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,2-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Trichloroethene	2.1	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	06/30/25	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	06/30/25	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	06/30/25	MH	70 - 130 %
% Toluene-d8	100			%	1	06/30/25	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
 The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 07, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

July 07, 2025

FOR: Attn: James Wilkinson
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information

Matrix: GROUND WATER
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JW
Received by: SR1
Analyzed by: see "By" below

Date

06/30/25
06/30/25

Time

10:09
19:00

Laboratory Data

SDG ID: GCT65565
Phoenix ID: CT65568

Project ID: FROST STREET - OU2
Client ID: EX-1D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1-Trichloroethane	1.1	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,1-Dichloroethane	0.95	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,1-Dichloroethylene	11	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	07/01/25	MH	E624.1
Carbon tetrachloride	0.56	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Chloroform	2.1	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
cis-1,2-Dichloroethylene	4.1	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/01/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
m&p-Xylene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	07/01/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1

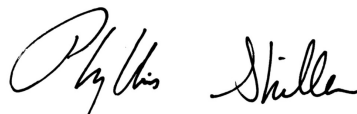
Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
o-Xylenes	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Tetrachloroethene	76	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
trans-1,2-Dichloroethylene	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/01/25	MH	E624.1
Trichloroethene	20	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	07/01/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	07/01/25	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	07/01/25	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	07/01/25	MH	70 - 130 %
% Toluene-d8	100			%	1	07/01/25	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
 The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

July 07, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



Analysis Report

July 07, 2025

FOR: Attn: James Wilkinson
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information

Matrix: WATER
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JW
Received by: SR1
Analyzed by: see "By" below

Date

06/30/25

Time

19:00

Laboratory Data

SDG ID: GCT65565
Phoenix ID: CT65569

Project ID: FROST STREET - OU2
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,1-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	06/30/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,2-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
m&p-Xylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	06/30/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
o-Xylenes	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,2-Dichloroethylene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	06/30/25	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	06/30/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	06/30/25	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	06/30/25	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	06/30/25	MH	70 - 130 %
% Toluene-d8	99			%	1	06/30/25	MH	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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Phyllis Shiller, Laboratory Director

July 07, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager



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



QA/QC Report

July 07, 2025

QA/QC Data

SDG I.D.: GCT65565

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 791834 (ug/L), QC Sample No: CT65564 (CT65565, CT65566, CT65567, CT65568, CT65569)										
Volatiles - Ground Water										
1,1,1-Trichloroethane	ND	1.0	99	102	3.0	90	94	4.3	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	111	116	4.4	110	112	1.8	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	106	110	3.7	104	108	3.8	71 - 129	20
1,1-Dichloroethane	ND	1.0	102	106	3.8	98	100	2.0	72 - 128	20
1,1-Dichloroethene	ND	1.0	96	98	2.1	90	92	2.2	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	100	108	7.7	99	100	1.0	63 - 137	20
1,2-Dichloroethane	ND	1.0	107	110	2.8	106	109	2.8	68 - 132	20
1,2-Dichloropropane	ND	1.0	103	106	2.9	101	103	2.0	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	99	105	5.9	96	97	1.0	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	99	106	6.8	97	97	0.0	63 - 137	20
Benzene	ND	0.70	103	108	4.7	100	102	2.0	64 - 136	20
Bromodichloromethane	ND	0.50	104	108	3.8	102	105	2.9	65 - 135	20
Bromoform	ND	1.0	106	108	1.9	97	103	6.0	71 - 129	20
Bromomethane	ND	1.0	103	106	2.9	87	96	9.8	40 - 160	20
Carbon tetrachloride	ND	1.0	88	95	7.7	80	84	4.9	73 - 127	20
Chlorobenzene	ND	1.0	102	107	4.8	100	101	1.0	66 - 134	20
Chloroethane	ND	1.0	96	97	1.0	86	87	1.2	40 - 160	20
Chloroform	ND	1.0	108	111	2.7	104	107	2.8	67 - 133	20
Chloromethane	ND	1.0	114	122	6.8	111	112	0.9	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	106	111	4.6	100	103	3.0	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	99	102	3.0	89	94	5.5	40 - 160	20
Dibromochloromethane	ND	0.50	107	111	3.7	101	104	2.9	67 - 133	20
Ethylbenzene	ND	1.0	102	107	4.8	98	100	2.0	59 - 141	20
m&p-Xylene	ND	1.0	101	106	4.8	98	99	1.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	106	5.8	99	99	0.0	70 - 130	30
Methylene chloride	ND	1.0	95	101	6.1	94	95	1.1	60 - 140	20
o-Xylene	ND	1.0	100	105	4.9	95	96	1.0	70 - 130	30
Tetrachloroethene	ND	1.0	99	99	0.0	90	93	3.3	73 - 127	20
Toluene	ND	1.0	102	106	3.8	98	101	3.0	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	97	100	3.0	92	93	1.1	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	98	100	2.0	86	91	5.6	50 - 150	20
Trichloroethene	ND	1.0	101	105	3.9	99	101	2.0	66 - 134	20
Trichlorofluoromethane	ND	1.0	101	105	3.9	98	96	2.1	48 - 152	20
Vinyl chloride	ND	1.0	101	104	2.9	95	99	4.1	40 - 160	20
% 1,2-dichlorobenzene-d4	102	%	101	101	0.0	102	102	0.0	70 - 130	30
% Bromofluorobenzene	95	%	99	98	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	105	%	102	107	4.8	102	100	2.0	70 - 130	30
% Toluene-d8	101	%	101	99	2.0	99	102	3.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GCT65565

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								

QA/QC Batch 792081 (ug/L), QC Sample No: CT65566 (CT65566 (5X))

Volatiles - Ground Water

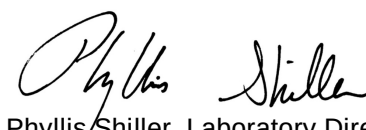
Tetrachloroethene	ND	1.0	96	100	4.1	101	99	2.0	73 - 127	20
% 1,2-dichlorobenzene-d4	103	%	103	103	0.0	105	103	1.9	70 - 130	30
% Bromofluorobenzene	95	%	99	98	1.0	100	98	2.0	70 - 130	30
% Dibromofluoromethane	103	%	102	98	4.0	102	105	2.9	70 - 130	30
% Toluene-d8	101	%	100	100	0.0	100	100	0.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

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

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


Phyllis Shiller, Laboratory Director
July 07, 2025

Monday, July 07, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCT65565 - ENVIROTR

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

*** No Data to Display ***

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



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



Analysis Comments

July 07, 2025

SDG I.D.: GCT65565

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



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



NY Temperature Narration

July 07, 2025

SDG I.D.: GCT65565

The samples in this delivery group were received at 1.7°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Emily Stokes

From: Emily Stokes
Sent: Monday, June 30, 2025 7:59 PM
To: jamesw@envirotrac.com
Cc: Emily Stokes
Subject: Project: Frost Street
Attachments: SKM_450i25063019560.pdf

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Good evening,

For the attached COCs, we did not receive the 40mL as is VOAs.

Please advise. Thank you!

Emily Stokes

Sample Receiving
Phoenix Environmental Laboratories
587 East Middle Tpke.
Manchester, CT 06040
emilys@phoenixlabs.com
PH: 860-645-1102 ext:357
FX: 860-645-0823

GCT 65563

Emily Stokes

From: James Wilkinson, PE <jamesw@envirotrac.com>
Sent: Monday, June 30, 2025 8:26 PM
To: Emily Stokes
Subject: Re: Project: Frost Street

The only as is vials were the trip blanks. We don't need the chemicals reported that need the As-is vials.

James Wilkinson, PE

Senior Engineer
Office: Yaphank, New York

phone: 631.924.3001 x116
mobile: 631.872.7963

From: Emily Stokes <emilys@phoenixlabs.com>
Sent: Monday, June 30, 2025 7:58:53 PM
To: James Wilkinson, PE <jamesw@envirotrac.com>
Cc: Emily Stokes <emilys@phoenixlabs.com>
Subject: Project: Frost Street

Good evening,

For the attached COCs, we did not receive the 40mL as is VOAs.

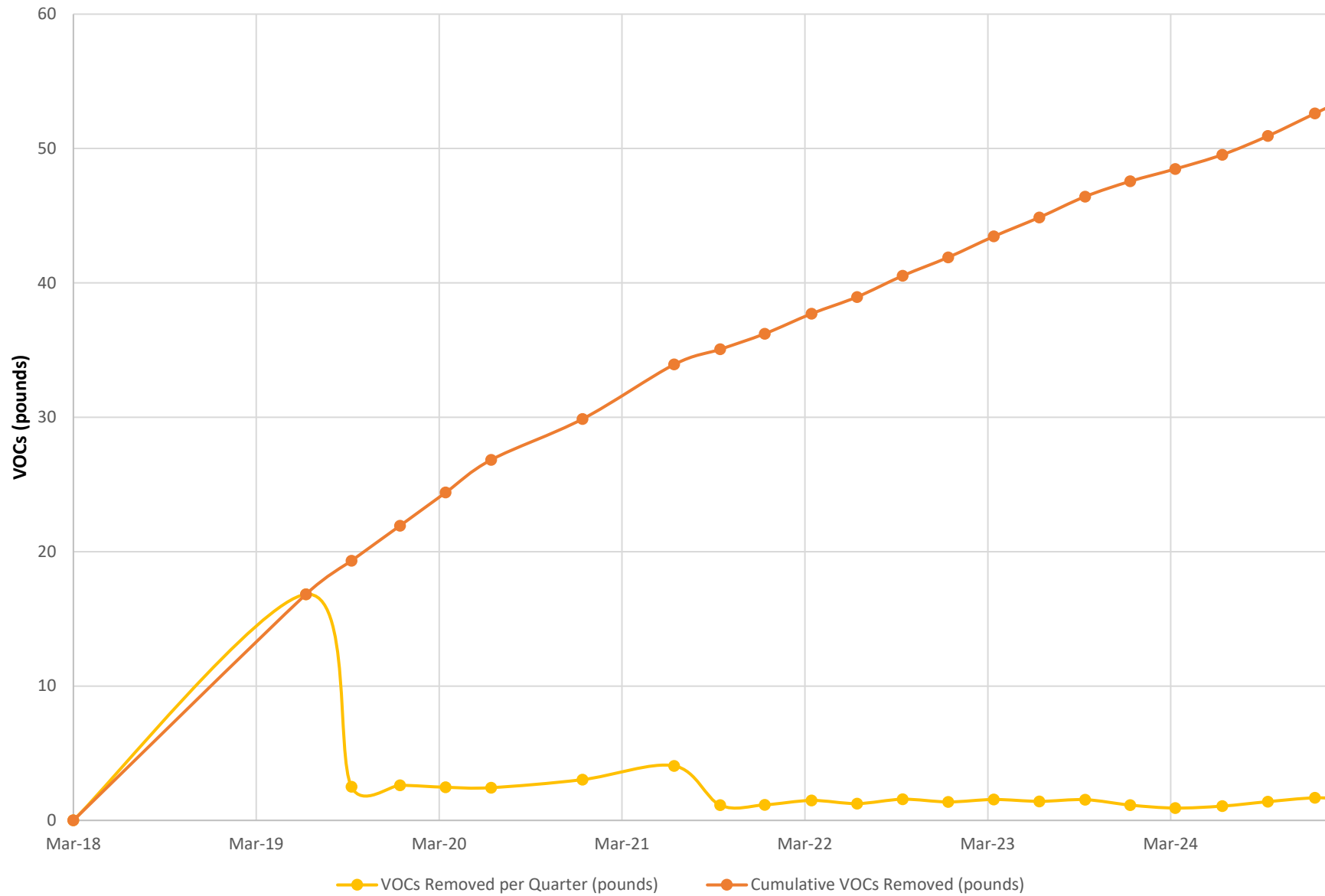
Please advise. Thank you!

Emily Stokes

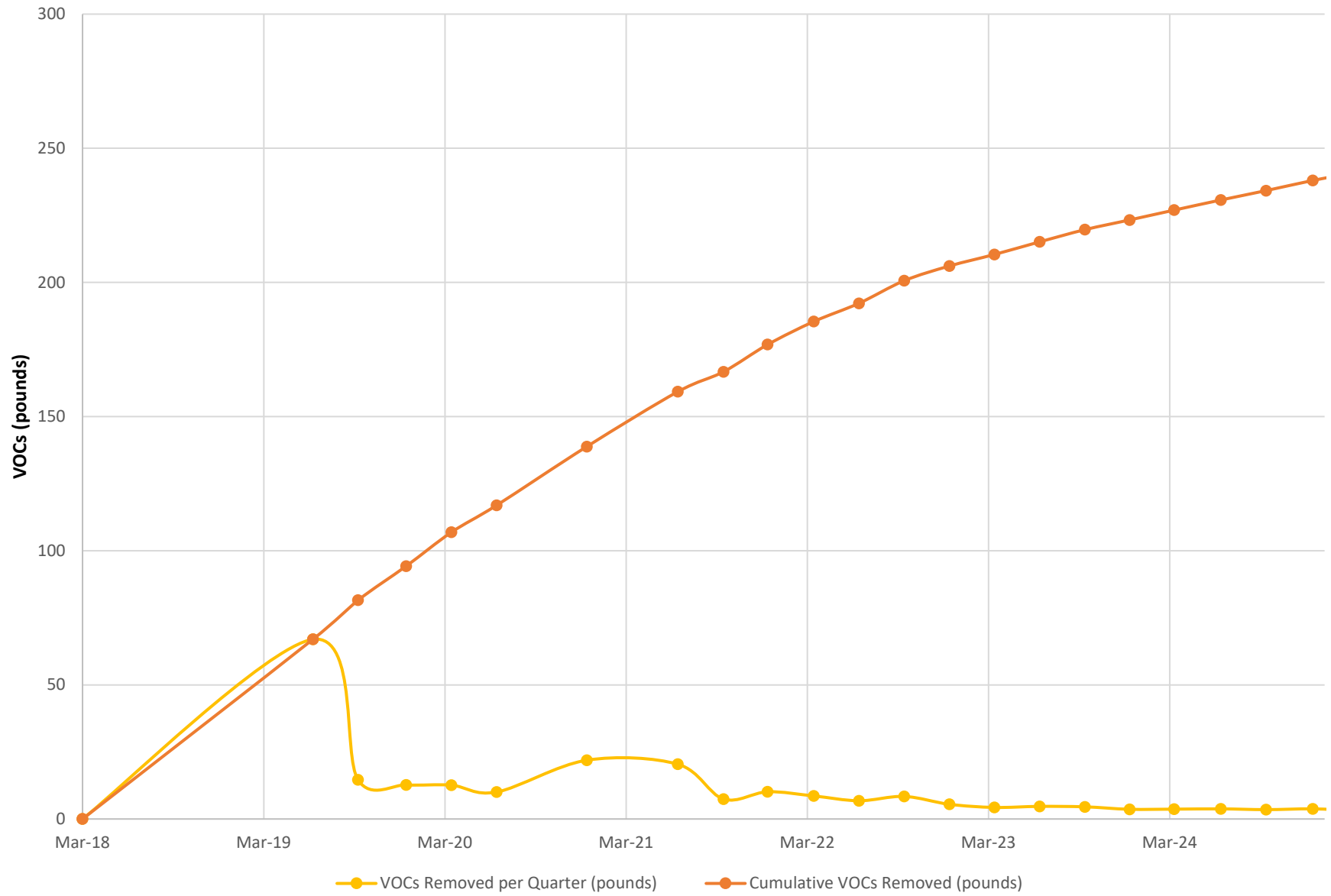
Sample Receiving
Phoenix Environmental Laboratories
587 East Middle Tpke.
Manchester, CT 06040
emilys@phoenixlabs.com
PH: 860-645-1102 ext:357
FX: 860-645-0823

Appendix D
Groundwater Extraction Well Sampling
Historical Results

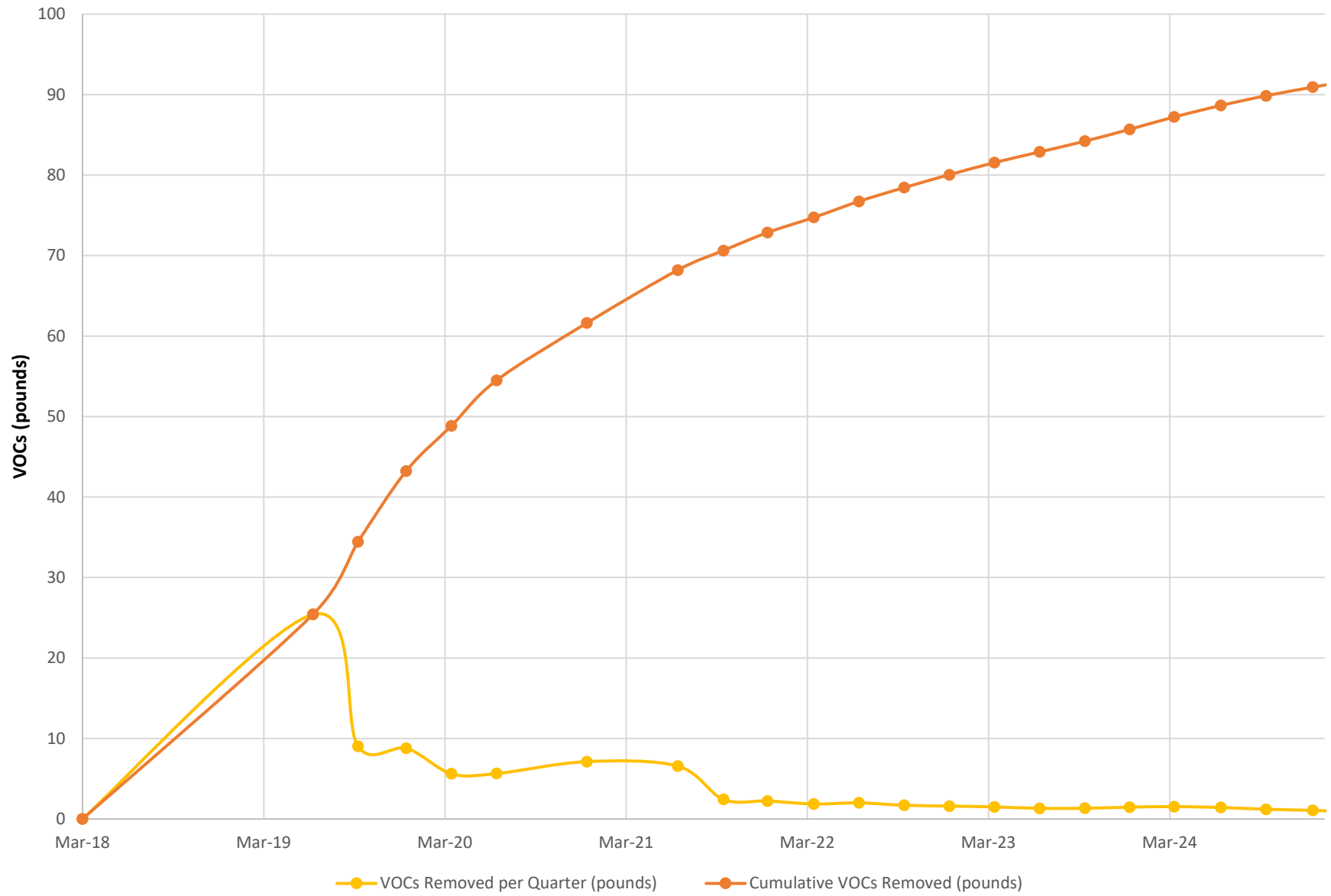
Mass Removal EX-1A



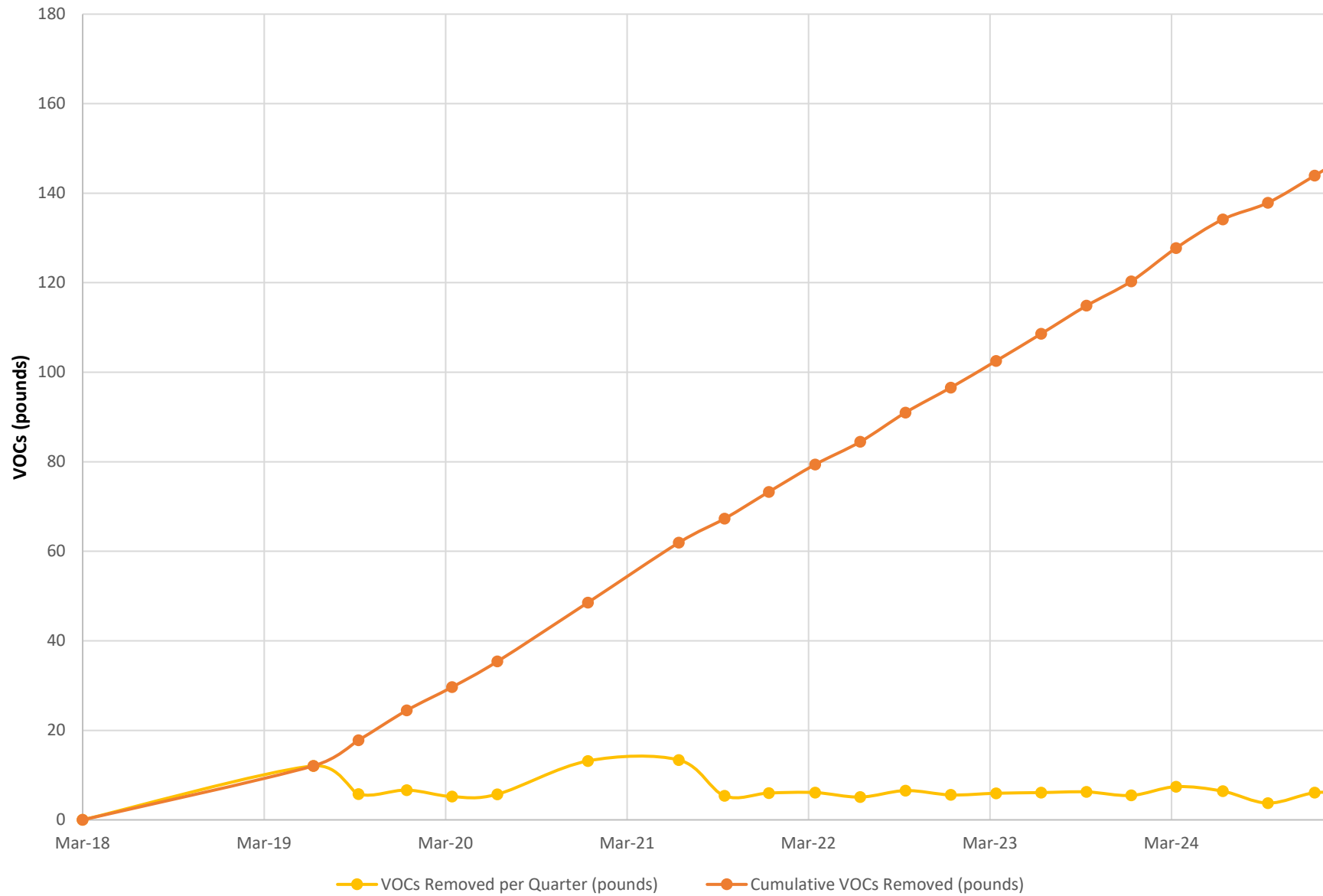
Mass Removal EX-1B



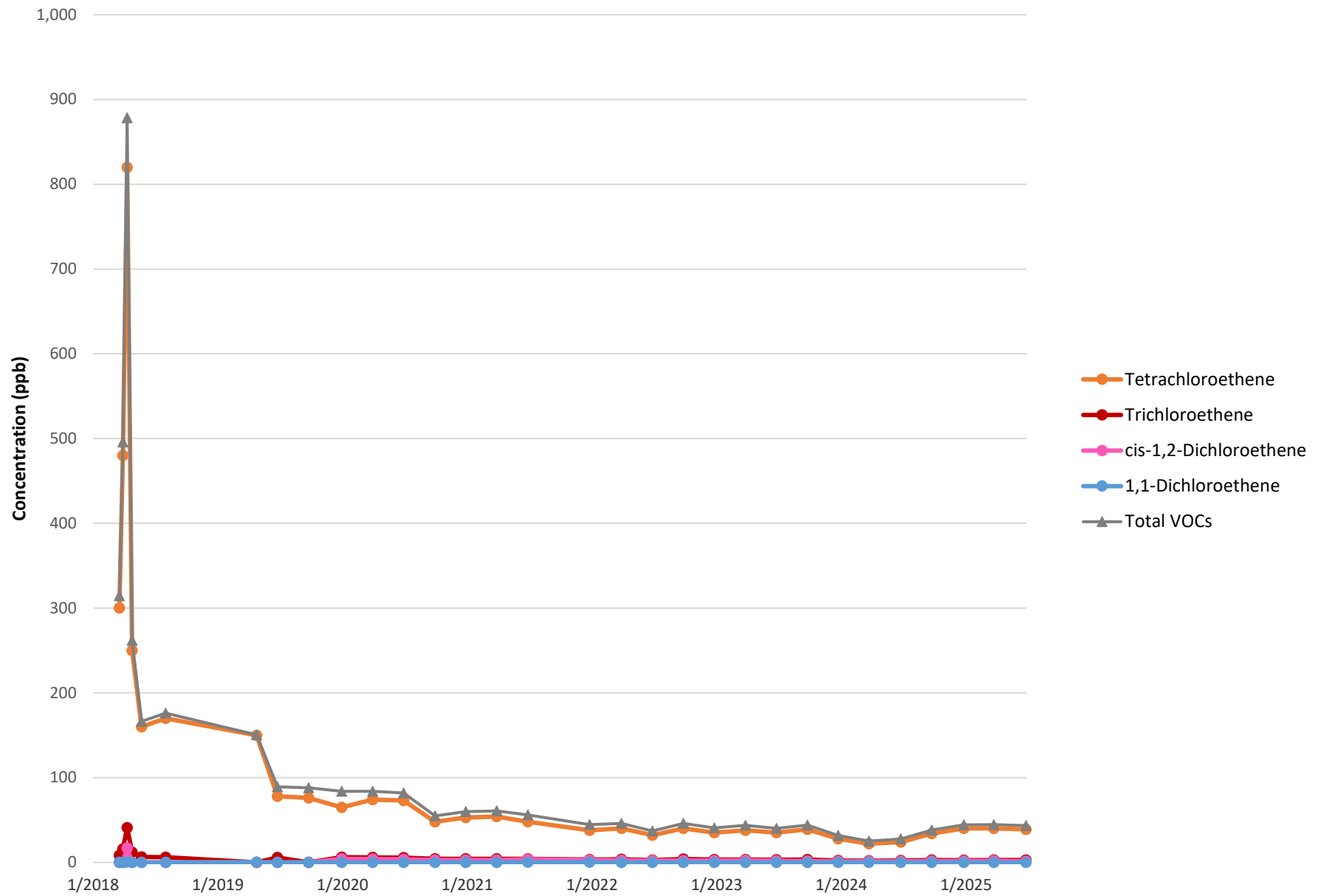
Mass Removal EX-1C



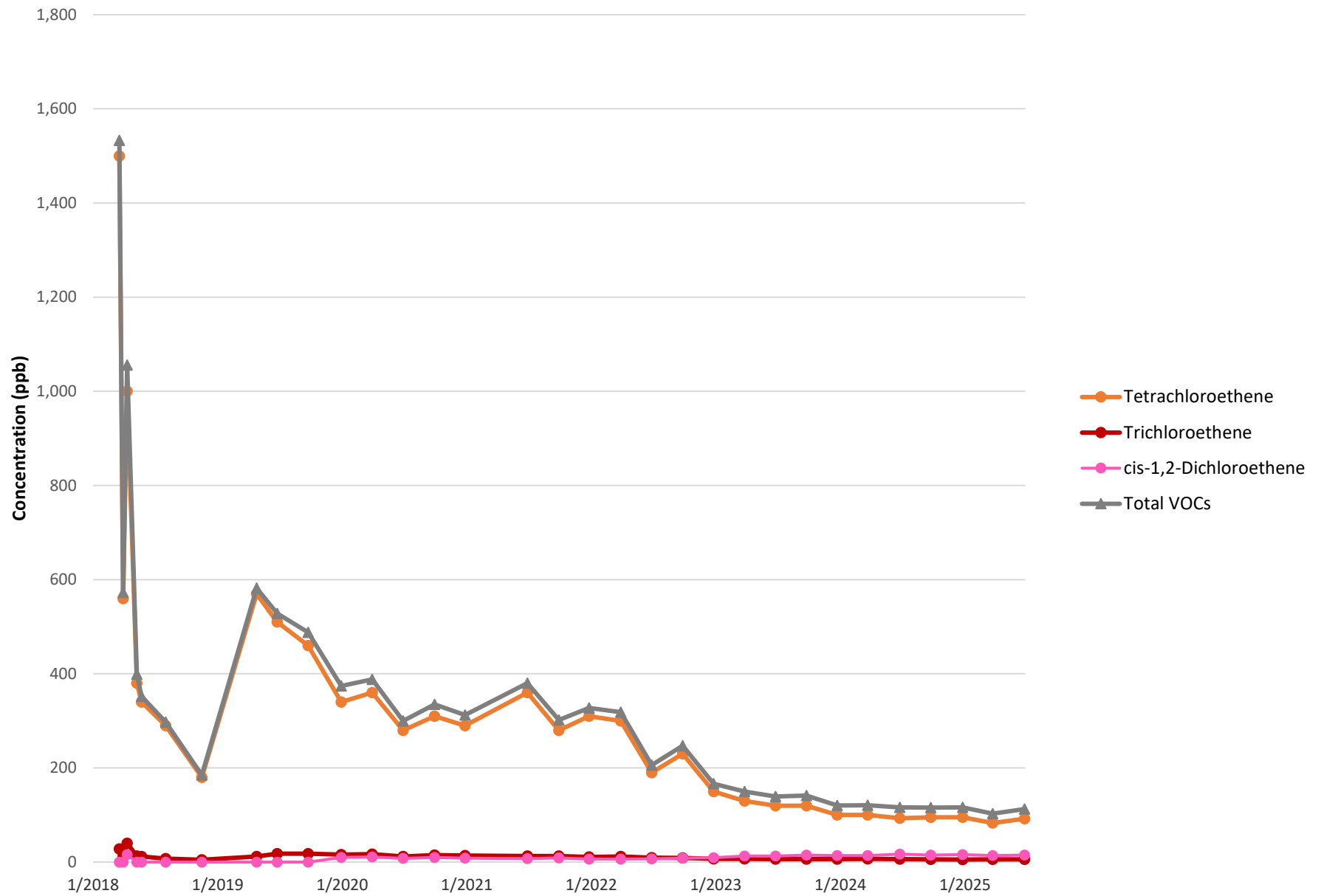
Mass Removal EX-1D



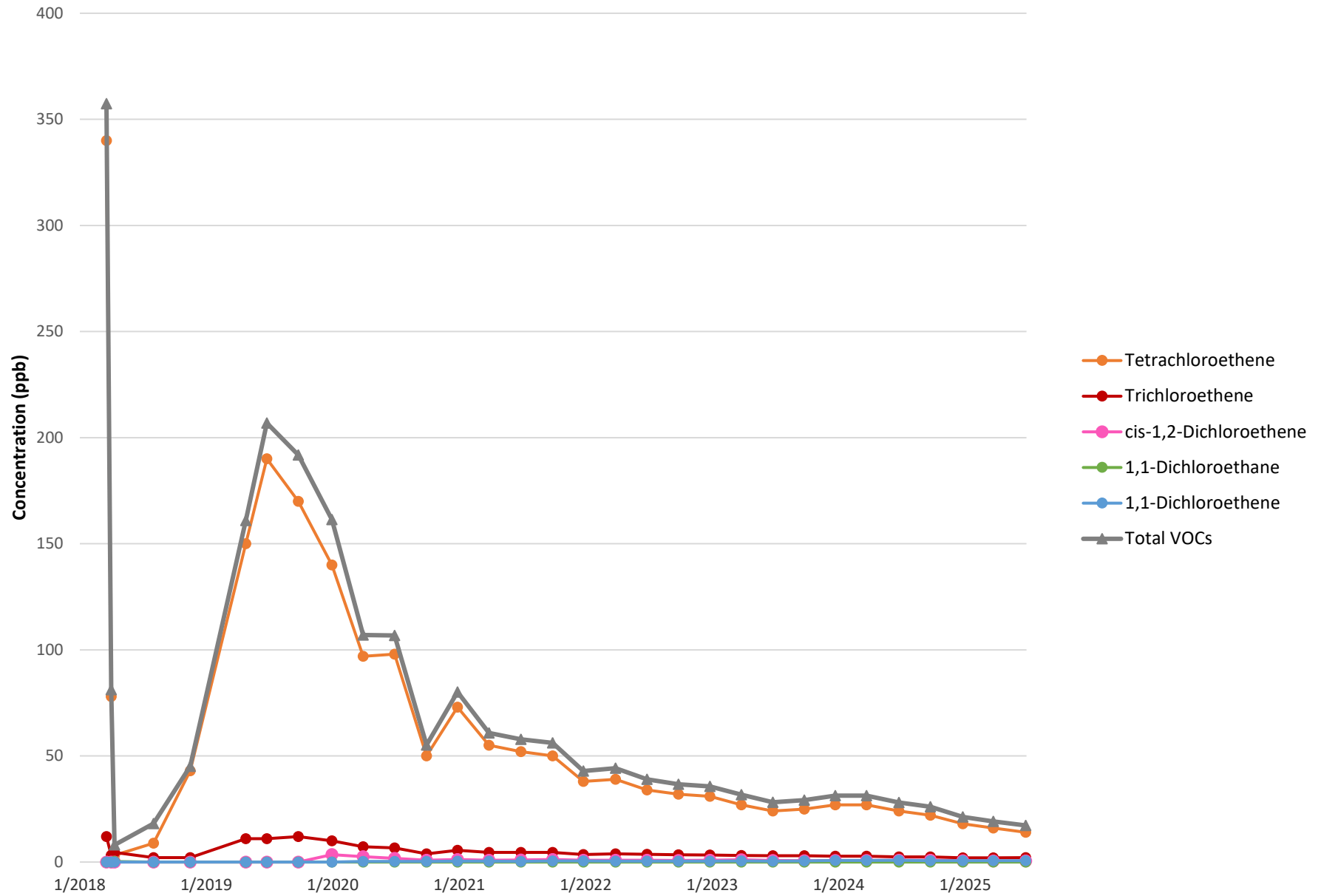
EX-1A



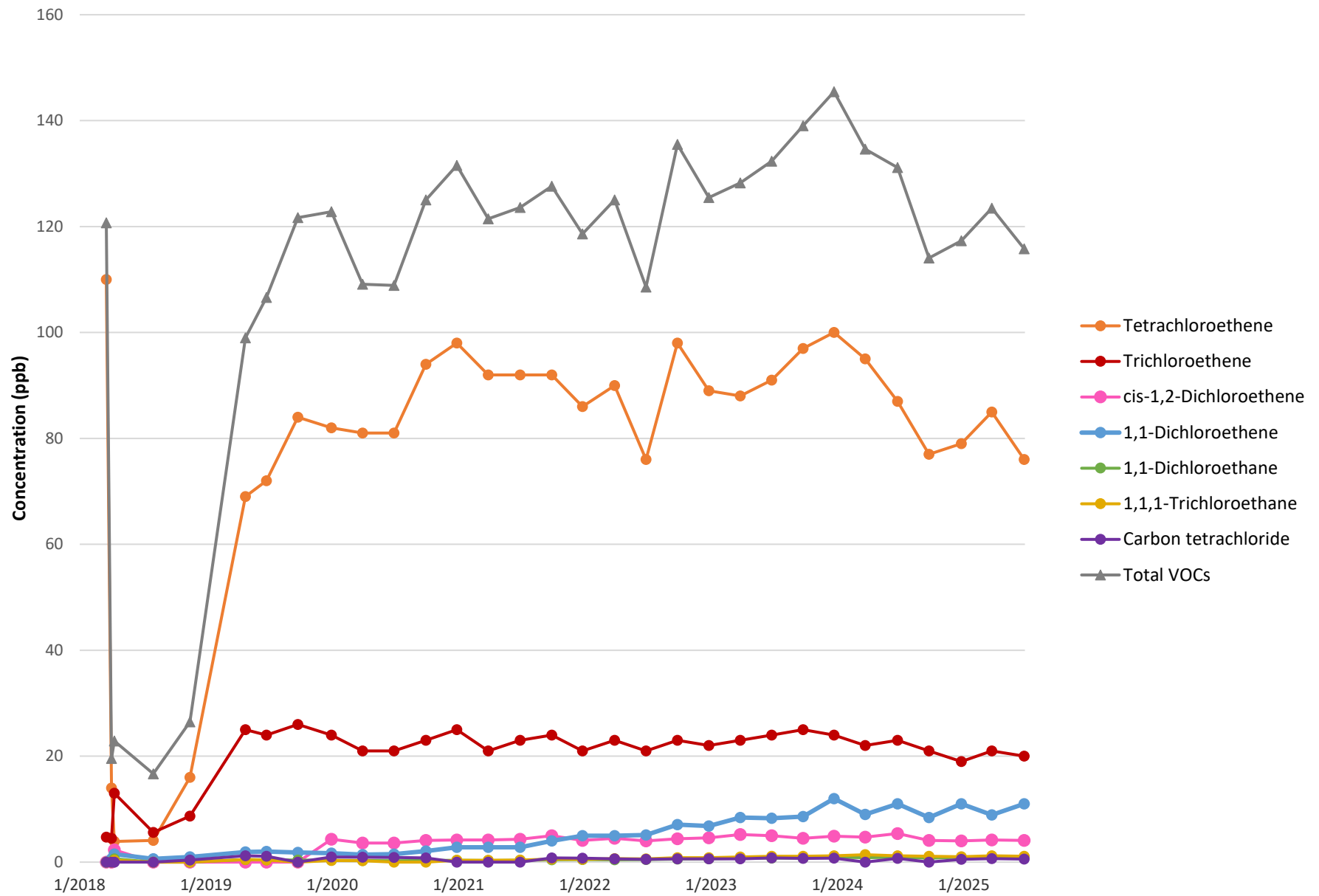
EX-1B



EX-1C



EX-1D



All Wells - Total VOCs

