

April 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: March 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 March 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 March, one alarm call was received. The alarm was due to a high frequency alarm on the blower and was rectified by restarting the system.
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on March 19 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 [12,371 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	March 2025 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	ND
Tetrachloroethene	1,000	38,000	2.09
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene ³	100	3,800	ND

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.

- System condensate water was discharged from the holding tank to the sewer via the onsite connection (March 28 – 525 gallons). Water is treated via activate carbon adsorption prior to discharge and concentrations did not exceed applicable limits (1 part per million total volatile organic compounds), as shown in Appendix C.

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 March. To date, over 511 million gallons of groundwater and approximately 537 pounds of VOCs have been removed by this system.

Quarterly samples were collected from each extraction well on March 28 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 D; historical data is graphed in Appendix E.

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	1.2
1,1-Dichloroethane	ND	ND	ND	0.95
1,1-Dichloroethene	ND	ND	.64	8.9
Carbon Tetrachloride	ND	ND	ND	0.65
Chloroform	ND	ND	ND	2.2
cis-1,2-Dichloroethene	1.9	14	0.53	4.2
Tetrachloroethene	40	83	16	85
Trichloroethene	2.8	5.9	2	21
Total VOCs	44.7	102.9	19.2	123.5

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: 19-Mar
Weather / Temp: Clear/ 55 DEG
Technician / Operator: JW

Arrival Time: 10:30
Departure Time: 11:30

System Status									
	Arrival		Departure			Arrival		Departure	
SVE Blower 1 (ON/OFF)	ON		ON		AS Compressor 1 (ON/OFF)	ON		ON	
SVE Blower 2 (ON/OFF)	OFF		OFF		AS Compressor 2 (ON/OFF)	OFF		OFF	
					Air Cooler (ON/OFF)	ON		ON	
Soil Vapor Extraction System									
Blower Air Velocity/Flow Rate (fpm)/(cfm)	3600		707		Blower 1 Total Runtime (hrs)	77,705.0			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	77,259.4			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Blower Inlet Vacuum ("H2O)	35				Blower 2 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	3				VGAC-1 Influent PID (ppm)	4			
VGAC-1 Influent Vacuum ("H2O)	32				VGAC-1 Effluent PID (ppm)	0			
VGAC-1 Effluent Vacuum ("H2O)	38				VGAC-2 Influent PID (ppm)	4			
VGAC-2 Influent Vacuum ("H2O)	30				VGAC-2 Effluent PID (ppm)	0			
VGAC-2 Effluent Vacuum ("H2O)	34				VGAC-3 Influent PID (ppm)	0			
VGAC-3 Influent Pressure ("H2O)	4				VGAC-3 Effluent PID (ppm)	0			
VGAC-3 Effluent Pressure ("H2O)	2				Blower Effluent PID (ppm)	0			
VGAC-3 Influent Temp (DegF)	139				Transfer Pump Total Runtime (hrs)	25,327.6			
Blower Effluent Pressure ("H2O)	13				Condensate Storage Tank Level (gal)	350			
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	39	6000	131	4	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	31	3400	74	0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	40	3200	70	5	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	46	2400	52	1
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	32	3400	74	1	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	38	5500	120	9
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	28	3400	74	0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	34	2800	61	0
Air Sparge System									
Compressor 1 Pressure (psi)	15				Compressor 2 Pressure (psi)	Off			
Compressor 1 Runtime (hrs)	33,120.7				Compressor 2 Temperature (degF)	Off			
Air Cooler Inlet Temperature (degF)	152				Compressor 2 Regulator Pressure (psi)	Off			
Air Cooler Outlet Temperature (degF)	75				Compressor 2 Runtime (hrs)	40,734			
Air Cooler Inlet Pressure (psi)	15				AS Manifold Temperature (degF)	68			
Air Cooler Outlet Pressure (psi)	16				AS Manifold Pressure	14			
AS Manifold Legs - Pressure/Flow Rate									
	Pressure	Flow Rate				Pressure	Flow Rate		
AS-1 (psi)/(cfm)	17	10			AS-11 (psi)/(cfm)	14	8		
AS-2 (psi)/(cfm)	16	9			AS-12B (psi)/(cfm)	15	11		
AS-3 (psi)/(cfm)	12	10			AS-13B (psi)/(cfm)	16	11		
AS-4 (psi)/(cfm)	14	10			AS-14 (psi)/(cfm)	15	10		
AS-5 (psi)/(cfm)	15	15			AS-15 (psi)/(cfm)	13	10		
AS-6 (psi)/(cfm)	16	12			AS-16B (psi)/(cfm)	15	10		
AS-7 (psi)/(cfm)	15	5			AS-17 (psi)/(cfm)	17	5		
AS-8 (psi)/(cfm)	15	14			AS-18 (psi)/(cfm)	15	11		
AS-9 (psi)/(cfm)	16	11			AS-19 (psi)/(cfm)	15	6		
AS-10B (psi)/(cfm)	15	10							

Notes, Comments & Observations:

Collected discharge water sample and discharged 525 gallons on 3/28.

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: 19-Mar
Weather / Temp: Clear/ 55 DEG
Technician / Operator: JW

Arrival Time: 10:30
Departure Time: 11:30

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 10/28/24
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	Y	25.3A
-Inspect Belts	Weekly	Y	
SVE Blower B-2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 10/28/24
-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	Y	27A
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:	L2516882
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:	04/10/25

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: L2516882
Report Date: 04/10/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2516882-01	SVE EFFLUENT	SOIL_VAPOR	WESTBURY, NY	03/19/25 12:32	03/20/25
L2516882-02	SVE INFLUENT	SOIL_VAPOR	WESTBURY, NY	03/19/25 12:35	03/20/25

Project Name: FROST ST 001
Project Number: Not Specified

Lab Number: L2516882
Report Date: 04/10/25

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: L2516882
Report Date: 04/10/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 18, 2025. The canister certification data is provided as an addendum.

L2516882-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2050185-2 CC recovery associated with L2516882-01 and -02D is below the acceptance limit for Acetone. All samples associated with this CC that have reportable amounts of this analyte will be reported with low bias.

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

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 04/10/25

AIR

Project Name: FROST ST 001**Project Number:** Not Specified**Lab Number:** L2516882**Report Date:** 04/10/25**SAMPLE RESULTS**

Lab ID: L2516882-01
 Client ID: SVE EFFLUENT
 Sample Location: WESTBURY, NY

Date Collected: 03/19/25 12:32
 Date Received: 03/20/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 04/07/25 02:24

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.476	0.200	--	2.35	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	4.10	1.00	--	9.74	2.38	--		1
Trichlorofluoromethane	0.386	0.200	--	2.17	1.12	--		1
Isopropanol	7.54	1.00	--	18.5	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



Project Name: FROST ST 001**Lab Number:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25**SAMPLE RESULTS**

Lab ID: L2516882-01
 Client ID: SVE EFFLUENT
 Sample Location: WESTBURY, NY

Date Collected: 03/19/25 12:32
 Date Received: 03/20/25
 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	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.42	0.200	--	5.00	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	0.415	0.200	--	1.56	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	0.308	0.200	--	2.09	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:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25**SAMPLE RESULTS**

Lab ID: L2516882-01
 Client ID: SVE EFFLUENT
 Sample Location: WESTBURY, NY

Date Collected: 03/19/25 12:32
 Date Received: 03/20/25
 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	105		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	110		60-140



Project Name: FROST ST 001**Project Number:** Not Specified**Lab Number:** L2516882**Report Date:** 04/10/25**SAMPLE RESULTS**

Lab ID: L2516882-02 D

Client ID: SVE INFLUENT

Sample Location: WESTBURY, NY

Date Collected: 03/19/25 12:35

Date Received: 03/20/25

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 04/07/25 02:54

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	8.00	--	ND	39.6	--		40
Chloromethane	ND	8.00	--	ND	16.5	--		40
Freon-114	ND	8.00	--	ND	55.9	--		40
Vinyl chloride	ND	8.00	--	ND	20.4	--		40
1,3-Butadiene	ND	8.00	--	ND	17.7	--		40
Bromomethane	ND	8.00	--	ND	31.1	--		40
Chloroethane	ND	8.00	--	ND	21.1	--		40
Ethanol	ND	200	--	ND	377	--		40
Vinyl bromide	ND	8.00	--	ND	35.0	--		40
Acetone	96.5	40.0	--	229	95.0	--		40
Trichlorofluoromethane	ND	8.00	--	ND	45.0	--		40
Isopropanol	790	40.0	--	1940	98.3	--		40
1,1-Dichloroethene	ND	8.00	--	ND	31.7	--		40
Tertiary butyl Alcohol	ND	20.0	--	ND	60.6	--		40
Methylene chloride	ND	20.0	--	ND	69.5	--		40
3-Chloropropene	ND	8.00	--	ND	25.0	--		40
Carbon disulfide	ND	8.00	--	ND	24.9	--		40
Freon-113	ND	8.00	--	ND	61.3	--		40
trans-1,2-Dichloroethene	ND	8.00	--	ND	31.7	--		40
1,1-Dichloroethane	ND	8.00	--	ND	32.4	--		40
Methyl tert butyl ether	ND	8.00	--	ND	28.8	--		40
2-Butanone	ND	20.0	--	ND	59.0	--		40
cis-1,2-Dichloroethene	45.3	8.00	--	180	31.7	--		40



Project Name: FROST ST 001**Lab Number:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25**SAMPLE RESULTS**

Lab ID: L2516882-02 D

Client ID: SVE INFLUENT

Sample Location: WESTBURY, NY

Date Collected: 03/19/25 12:35

Date Received: 03/20/25

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	20.0	--	ND	72.1	--		40
Chloroform	ND	8.00	--	ND	39.1	--		40
Tetrahydrofuran	ND	20.0	--	ND	59.0	--		40
1,2-Dichloroethane	ND	8.00	--	ND	32.4	--		40
n-Hexane	170	8.00	--	599	28.2	--		40
1,1,1-Trichloroethane	ND	8.00	--	ND	43.6	--		40
Benzene	ND	8.00	--	ND	25.6	--		40
Carbon tetrachloride	ND	8.00	--	ND	50.3	--		40
Cyclohexane	ND	8.00	--	ND	27.5	--		40
1,2-Dichloropropane	ND	8.00	--	ND	37.0	--		40
Bromodichloromethane	ND	8.00	--	ND	53.6	--		40
1,4-Dioxane	ND	8.00	--	ND	28.8	--		40
Trichloroethene	91.3	8.00	--	491	43.0	--		40
2,2,4-Trimethylpentane	ND	8.00	--	ND	37.4	--		40
Heptane	ND	8.00	--	ND	32.8	--		40
cis-1,3-Dichloropropene	ND	8.00	--	ND	36.3	--		40
4-Methyl-2-pentanone	ND	20.0	--	ND	82.0	--		40
trans-1,3-Dichloropropene	ND	8.00	--	ND	36.3	--		40
1,1,2-Trichloroethane	ND	8.00	--	ND	43.6	--		40
Toluene	ND	8.00	--	ND	30.1	--		40
2-Hexanone	ND	8.00	--	ND	32.8	--		40
Dibromochloromethane	ND	8.00	--	ND	68.2	--		40
1,2-Dibromoethane	ND	8.00	--	ND	61.5	--		40
Tetrachloroethene	1720	8.00	--	11700	54.2	--		40
Chlorobenzene	ND	8.00	--	ND	36.8	--		40
Ethylbenzene	ND	8.00	--	ND	34.7	--		40



Project Name: FROST ST 001**Lab Number:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25**SAMPLE RESULTS**

Lab ID: L2516882-02 D

Client ID: SVE INFLUENT

Sample Location: WESTBURY, NY

Date Collected: 03/19/25 12:35

Date Received: 03/20/25

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	16.0	--	ND	69.5	--		40
Bromoform	ND	8.00	--	ND	82.7	--		40
Styrene	ND	8.00	--	ND	34.1	--		40
1,1,2,2-Tetrachloroethane	ND	8.00	--	ND	54.9	--		40
o-Xylene	ND	8.00	--	ND	34.7	--		40
4-Ethyltoluene	ND	8.00	--	ND	39.3	--		40
1,3,5-Trimethylbenzene	ND	8.00	--	ND	39.3	--		40
1,2,4-Trimethylbenzene	ND	8.00	--	ND	39.3	--		40
Benzyl chloride	ND	8.00	--	ND	41.4	--		40
1,3-Dichlorobenzene	ND	8.00	--	ND	48.1	--		40
1,4-Dichlorobenzene	ND	8.00	--	ND	48.1	--		40
1,2-Dichlorobenzene	ND	8.00	--	ND	48.1	--		40
1,2,4-Trichlorobenzene	ND	8.00	--	ND	59.4	--		40
Naphthalene	ND	7.60	--	ND	39.8	--		40
Hexachlorobutadiene	ND	8.00	--	ND	85.3	--		40

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	108		60-140



Project Name: FROST ST 001

Lab Number: L2516882

Project Number: Not Specified

Report Date: 04/10/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/06/25 16:46

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: WG2050185-4								
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:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/06/25 16:46

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: WG2050185-4								
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: L2516882

Project Number: Not Specified

Report Date: 04/10/25

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/06/25 16:46

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: WG2050185-4								
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: L2516882

Report Date: 04/10/25

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: WG2050185-3								
Dichlorodifluoromethane	100		-		70-130	-		
Chloromethane	92		-		70-130	-		
Freon-114	108		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Bromomethane	112		-		70-130	-		
Chloroethane	98		-		70-130	-		
Ethanol	84		-		40-160	-		
Vinyl bromide	125		-		70-130	-		
Acetone	65		-		40-160	-		
Trichlorofluoromethane	104		-		70-130	-		
Isopropanol	81		-		40-160	-		
1,1-Dichloroethene	111		-		70-130	-		
Tertiary butyl Alcohol	92		-		70-130	-		
Methylene chloride	103		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	114		-		70-130	-		
Freon-113	108		-		70-130	-		
trans-1,2-Dichloroethene	111		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
Methyl tert butyl ether	111		-		70-130	-		
2-Butanone	97		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FROST ST 001

Project Number: Not Specified

Lab Number: L2516882

Report Date: 04/10/25

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: WG2050185-3								
Ethyl Acetate	111		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	109		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	119		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	95		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	101		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	99		-		70-130	-		
trans-1,3-Dichloropropene	109		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	106		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	123		-		70-130	-		
1,2-Dibromoethane	112		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FROST ST 001

Project Number: Not Specified

Lab Number: L2516882

Report Date: 04/10/25

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: WG2050185-3								
Tetrachloroethene	109		-		70-130	-		
Chlorobenzene	108		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	127		-		70-130	-		
Styrene	106		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	118		-		70-130	-		
1,3,5-Trimethylbenzene	107		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	94		-		70-130	-		
1,3-Dichlorobenzene	115		-		70-130	-		
1,4-Dichlorobenzene	113		-		70-130	-		
1,2-Dichlorobenzene	112		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Naphthalene	105		-		70-130	-		
Hexachlorobutadiene	112		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: FROST ST 001

Project Number: Not Specified

Lab Number: L2516882

Report Date: 04/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2050185-5 QC Sample: L2516882-02 Client ID: SVE INFLUENT						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	96.5	101	ppbV	5		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	790	831	ppbV	5		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: FROST ST 001

Project Number: Not Specified

Lab Number: L2516882

Report Date: 04/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2050185-5 QC Sample: L2516882-02 Client ID: SVE INFLUENT						
2-Butanone	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	45.3	48.0	ppbV	6		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	170	177	ppbV	4		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	91.3	95.0	ppbV	4		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: FROST ST 001

Project Number: Not Specified

Lab Number: L2516882

Report Date: 04/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2050185-5 QC Sample: L2516882-02 Client ID: SVE INFLUENT						
Toluene	ND	ND	ppbV	NC		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	1720	1780	ppbV	3		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FROST ST 001
Project Number: Not Specified

Lab Number: L2516882
Report Date: 04/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2050185-5 QC Sample: L2516882-02 Client ID: SVE INFLUENT						
Hexachlorobutadiene	ND	ND	ppbV	NC		25



Project Name: FROST ST 001

Serial_No: 04102516:40
Lab Number: L2516882

Project Number:

Report Date: 04/10/25

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
L2516882-01	SVE EFFLUENT	01167	Flow 3	03/18/25	510101		-	-	-	Pass	160	160	0
L2516882-01	SVE EFFLUENT	4999	3.0L Can	03/18/25	510101	L2513208-03	Pass	-28.9	-5.1	-	-	-	-
L2516882-02	SVE INFLUENT	02849	Flow 1	03/18/25	510101		-	-	-	Pass	160	166	4
L2516882-02	SVE INFLUENT	4893	3.0L Can	03/18/25	510101	L2513208-03	Pass	-28.9	-5.5	-	-	-	-

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

Lab Number: L2513208
Report Date: 04/10/25

Air Canister Certification Results

Lab ID: L2513208-03
Client ID: CAN 4797 SHELF 32
Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 03/09/25 00:49
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: L2513208
Report Date: 04/10/25

Air Canister Certification Results

Lab ID: L2513208-03
Client ID: CAN 4797 SHELF 32
Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
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
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Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
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
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Air Canister Certification Results

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Client ID: CAN 4797 SHELF 32
Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
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**Lab Number:** L2513208**Project Number:** CANISTER QC BAT**Report Date:** 04/10/25**Air Canister Certification Results**

Lab ID: L2513208-03

Date Collected: 03/08/25 13:00

Client ID: CAN 4797 SHELF 32

Date Received: 03/08/25

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 - 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	92		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	82		60-140



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

Lab Number: L2513208
Report Date: 04/10/25

Air Canister Certification Results

Lab ID: L2513208-03
Client ID: CAN 4797 SHELF 32
Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 03/09/25 00:49
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



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Air Canister Certification Results

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Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
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								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



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

Lab Number: L2513208
Report Date: 04/10/25

Air Canister Certification Results

Lab ID: L2513208-03
Client ID: CAN 4797 SHELF 32
Sample Location:

Date Collected: 03/08/25 13:00
Date Received: 03/08/25
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								
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	104		60-140
bromochloromethane	111		60-140
chlorobenzene-d5	96		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(*)
L2516882-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2516882-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days



Project Name: FROST ST 001**Lab Number:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25

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:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25**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:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25**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:** L2516882**Project Number:** Not Specified**Report Date:** 04/10/25

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, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, 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.

Appendix C
AS/SVE System Condensate Water Sampling
Laboratory Analytical Results



Tuesday, April 08, 2025

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

Project ID: FROST STREET- OU1
SDG ID: GCS93355
Sample ID#s: CS93355 - CS93356

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

April 08, 2025

SDG I.D.: GCS93355

Project ID: FROST STREET- OU1

Client Id	Lab Id	Matrix	Col Date
SVE DISCHARGE WATER	CS93355	GW DISCHARGE	03/28/25 9:30
TRIP BLANKS	CS93356	GROUND WATER	03/28/25 9:30



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



Analysis Report

April 08, 2025

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

Sample Information

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

Custody Information

Collected by:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25
03/28/25

Time

9:30
16:30

Laboratory Data

SDG ID: GCS93355
Phoenix ID: CS93355

Project ID: FROST STREET- OU1
Client ID: SVE DISCHARGE WATER

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Cadmium	< 0.001	0.001		mg/L	1	04/03/25	TH	E200.7
Chromium	< 0.001	0.001		mg/L	1	04/03/25	TH	E200.7
Copper	0.007	0.003		mg/L	1	04/03/25	TH	E200.7
Iron	0.218	0.005		mg/L	1	04/03/25	TH	E200.7
Nickel	0.002	0.001		mg/L	1	04/03/25	TH	E200.7
Zinc	0.021	0.002		mg/L	1	04/03/25	TH	E200.7
Chromium, Hexavalent	< 0.01	0.01		mg/L	1	03/29/25 00:00	KL1	SM3500CRB-11
PCB Extraction	Completed					04/04/25	A/A	E608.3
Total Metals Digestion	Completed					04/02/25	AG	E200.7

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1221	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1232	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1242	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1248	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1254	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1260	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	
PCB-1262	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	1
PCB-1268	ND	0.047	0.047	ug/L	1	04/05/25	SC	E608.3	1

QA/QC Surrogates

% DCBP	39		%	1	04/05/25	SC	30 - 150 %	
% DCBP (Confirmation)	28		%	1	04/05/25	SC	30 - 150 %	3
% TCMX	59		%	1	04/05/25	SC	30 - 150 %	
% TCMX (Confirmation)	40		%	1	04/05/25	SC	30 - 150 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1-Trichloroethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,1,2-Trichloroethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,1-Dichloroethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,1-Dichloroethene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,2-Dichlorobenzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,2-Dichloroethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,2-Dichloropropane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,3-Dichlorobenzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
1,4-Dichlorobenzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Benzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Bromodichloromethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Bromoform	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Bromomethane	ND	2.5	2.5	ug/L	5	03/29/25	MH	E624.1
Carbon disulfide	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Carbon tetrachloride	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Chlorobenzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Chloroethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Chloroform	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Chloromethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
cis-1,2-Dichloroethene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
cis-1,3-Dichloropropene	ND	2.0	1.3	ug/L	5	03/29/25	MH	E624.1
Dibromochloromethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Ethylbenzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Isopropylbenzene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
m&p-Xylene	ND	2.5	2.1	ug/L	5	03/29/25	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	5.0	2.5	ug/L	5	03/29/25	MH	E624.1
Methylene chloride	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Naphthalene	ND	5.0	5.0	ug/L	5	03/29/25	MH	E624.1
o-Xylene	ND	2.5	2.3	ug/L	5	03/29/25	MH	E624.1
Tetrachloroethene	4.1	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Toluene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
trans-1,2-Dichloroethene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
trans-1,3-Dichloropropene	ND	2.0	1.3	ug/L	5	03/29/25	MH	E624.1
Trichloroethene	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Trichlorofluoromethane	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
Vinyl chloride	ND	2.5	1.3	ug/L	5	03/29/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4 (5x)	103			%	5	03/29/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	87			%	5	03/29/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	113			%	5	03/29/25	MH	70 - 130 %
% Toluene-d8 (5x)	105			%	5	03/29/25	MH	70 - 130 %

Project ID: FROST STREET- OU1
Client ID: SVE DISCHARGE WATER

Phoenix I.D.: CS93355

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------------	-------	----------	-----------	----	-----------

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

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

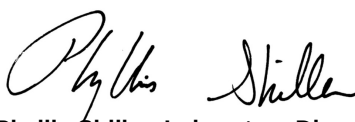
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:

Elevated reporting limits due to the foamy nature of the sample.

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

April 08, 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

April 08, 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:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25
03/28/25

Time

9:30
16:30

Laboratory Data

SDG ID: GCS93355
Phoenix ID: CS93356

Project ID: FROST STREET- OU1
Client ID: TRIP BLANKS

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	03/28/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	03/28/25	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
cis-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/28/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	03/28/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	03/28/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	03/28/25	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	03/28/25	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/28/25	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	03/28/25	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	03/28/25	MH	70 - 130 %
% Dibromofluoromethane	101			%	1	03/28/25	MH	70 - 130 %
% Toluene-d8	103			%	1	03/28/25	MH	70 - 130 %

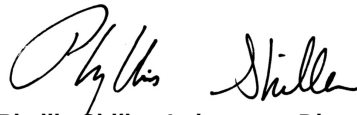
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
 BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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.

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

April 08, 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

April 08, 2025

QA/QC Data

SDG I.D.: GCS93355

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 777384 (mg/L), QC Sample No: CS92998 (CS93355)													
<u>ICP Metals - Aqueous</u>													
Cadmium	BRL	0.0005	<0.001	<0.0005	NC	103	101	2.0	94.2			80 - 120	20
Chromium	BRL	0.0005	<0.001	<0.0010	NC	105	103	1.9	98.6			80 - 120	20
Copper	BRL	0.0025	<0.003	<0.0025	NC	111	109	1.8	118			80 - 120	20
Iron	BRL	0.0050	0.177	0.165	7.00	101	99.1	1.9	95.9			80 - 120	20
Nickel	BRL	0.0005	<0.001	<0.0010	NC	104	102	1.9	99.8			80 - 120	20
Zinc	BRL	0.0020	<0.002	<0.0020	NC	104	102	1.9	101			80 - 120	20

Comment:

Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.



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



QA/QC Report

April 08, 2025

QA/QC Data

SDG I.D.: GCS93355

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 776835 (mg/L), QC Sample No: CS93353 (CS93355)													
Chromium, Hexavalent	BRL	0.01	<0.01	<0.01	NC	102			107			80 - 120	20
Comment:													
Additional Hexavalent Chromium criteria: MS acceptance range is 75-125%.													



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QA/QC Report

April 08, 2025

QA/QC Data

SDG I.D.: GCS93355

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 777812 (ug/L), QC Sample No: CS94220 (CS93355)										
<u>Polychlorinated Biphenyls</u>										
PCB-1016	ND	0.050	77	85	9.9				50 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	78	85	8.6				30 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	81	%	77	79	2.6				30 - 150	20
% DCBP (Surrogate Rec) (Confirm)	91	%	84	84	0.0				30 - 150	20
% TCMX (Surrogate Rec)	65	%	72	66	8.7				30 - 150	20
% TCMX (Surrogate Rec) (Confirm)	76	%	77	73	5.3				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 776873 (ug/L), QC Sample No: CS92951 (CS93355 (5X) , CS93356)

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	5.0	100	96	4.1	100	117	15.7	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	5.0	104	103	1.0	109	107	1.9	60 - 140	20
1,1,2-Trichloroethane	ND	5.0	103	97	6.0	106	107	0.9	71 - 129	20
1,1-Dichloroethane	ND	5.0	99	96	3.1	102	118	14.5	72 - 128	20
1,1-Dichloroethene	ND	5.0	97	93	4.2	98	113	14.2	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	101	97	4.0	100	101	1.0	63 - 137	20
1,2-Dichloroethane	ND	0.60	105	97	7.9	113	116	2.6	68 - 132	20
1,2-Dichloropropane	ND	5.0	101	96	5.1	102	105	2.9	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	101	98	3.0	100	101	1.0	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	99	96	3.1	99	100	1.0	63 - 137	20
Benzene	ND	0.70	109	103	5.7	119	100	17.4	64 - 136	20
Bromodichloromethane	ND	5.0	103	95	8.1	100	104	3.9	65 - 135	20
Bromoform	ND	5.0	103	102	1.0	100	106	5.8	71 - 129	20
Bromomethane	ND	5.0	101	96	5.1	80	111	32.5	40 - 160	20
Carbon Disulfide	ND	5.0	97	94	3.1	96	111	14.5	70 - 130	30
Carbon tetrachloride	ND	5.0	97	94	3.1	98	113	14.2	73 - 127	20
Chlorobenzene	ND	1.0	98	97	1.0	103	105	1.9	66 - 134	20
Chloroethane	ND	5.0	114	105	8.2	111	131	16.5	40 - 160	20
Chloroform	ND	5.0	100	97	3.0	102	120	16.2	67 - 133	20
Chloromethane	ND	5.0	95	92	3.2	91	113	21.6	40 - 160	20
cis-1,2-Dichloroethene	ND	5.0	100	93	7.3	97	117	18.7	69 - 131	20
cis-1,3-Dichloropropene	ND	5.0	103	96	7.0	96	100	4.1	40 - 160	20
Dibromochloromethane	ND	5.0	104	103	1.0	105	109	3.7	67 - 133	20

QA/QC Data

SDG I.D.: GCS93355

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	99	99	0.0	104	104	0.0	59 - 141	20
Isopropylbenzene	ND	1.0	101	97	4.0	98	101	3.0	70 - 130	30
m&p-Xylene	ND	1.0	101	101	0.0	105	107	1.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	98	3.0	102	118	14.5	70 - 130	30
Methylene chloride	ND	5.0	100	95	5.1	101	116	13.8	60 - 140	20
Naphthalene	ND	1.0	105	105	0.0	105	106	0.9	70 - 130	30
o-Xylene	ND	1.0	102	100	2.0	103	105	1.9	70 - 130	30
Tetrachloroethene	ND	1.0	97	92	5.3	101	100	1.0	73 - 127	20
Toluene	ND	1.0	99	92	7.3	99	100	1.0	74 - 126	20
trans-1,2-Dichloroethene	ND	5.0	97	95	2.1	96	115	18.0	69 - 131	20
trans-1,3-Dichloropropene	ND	5.0	107	100	6.8	101	100	1.0	50 - 150	20
Trichloroethene	ND	5.0	102	97	5.0	102	101	1.0	66 - 134	20
Trichlorofluoromethane	ND	5.0	100	96	4.1	103	122	16.9	48 - 152	20
Vinyl chloride	ND	5.0	95	91	4.3	96	114	17.1	40 - 160	20
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	103	102	1.0	70 - 130	30
% Bromofluorobenzene	93	%	99	100	1.0	101	100	1.0	70 - 130	30
% Dibromofluoromethane	99	%	98	98	0.0	98	116	16.8	70 - 130	30
% Toluene-d8	88	%	100	94	6.2	100	99	1.0	70 - 130	30

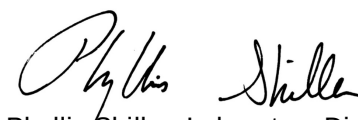
Comment:

A blank MS/MSD was analyzed with this batch.

r = This parameter is outside laboratory RPD specified recovery limits.

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
 April 08, 2025

Tuesday, April 08, 2025

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCS93355 - ENVIROTR

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

April 08, 2025

SDG I.D.: GCS93355

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.
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NY Temperature Narration

April 08, 2025

SDG I.D.: GCS93355

The samples in this delivery group were received at 2.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐

Temp 8 °C Pg 1 of 1

Data Delivery/Contact Options:

Fax: ☐
Phone: ☐
Email: ☒ jamesw@envirotrac.com

Project P.O.:

Project: Frost Street - OU1

Report to: Jim Wilkinson

Invoice to: EnviroTrac

QUOTE #

Customer: EnviroTrac

Address: 5 Old Dock Road

Yaphank, NY 11980

Client Sample - Information - Identification

Sampler's Signature [Signature] Date: 3/20/05

Matrix Code: 93355
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe Oil=Oil
B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
93355	SVE Discharge Water	GW	3/28/2005	9:30
	SVE Discharge Water	GW	3/28/2005	
	SVE Discharge Water	GW	3/28/2005	
	SVE Discharge Water	GW	3/28/2005	
* 93356 TRIP BLANKS				

Analysis Request
VOCs EPA 624.1 + GS 1,2-dichloroethane
Hexavalent Chromium
Total Cadmium Chromium Copper Iron Nickel Zinc
PCBs
Soil VOA Vials () or WH3PO4
Soil VOA Vials () or H2O
40 ml VOA Vial () or HCl
GI Amber 1000ml () or H2SO4
GI Amber 250ml () or H2SO4
GI Amber 250ml () or H2SO4
GI Amber 250ml () or H2SO4
Bacteria Bottle as is

Relinquished by: [Signature]

Accepted by: [Signature]

Date: 3/28/05

Time: 10:30

RI: ☒ Direct Exposure (Residential)
☐ GW
☐ Other

CT: ☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA: ☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format: ☒ Excel
☐ PDF
☐ GIS/Key
☐ EQUIS
☐ Other

Data Package: ☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

Comments, Special Requirements or Regulations:

*TB Date 3/10/05 (B4)

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

State where samples were collected: NY

* SURCHARGE APPLIES

Appendix D
Groundwater Extraction Well Sampling
Quarterly Results



Friday, April 04, 2025

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

Project ID: FROST STREET- OU2
SDG ID: GCS93348
Sample ID#s: CS93348 - CS93352

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

April 04, 2025

SDG I.D.: GCS93348

Project ID: FROST STREET- OU2

Client Id	Lab Id	Matrix	Col Date
EX-1A	CS93348	GROUND WATER	03/28/25 10:00
EX-1B	CS93349	GROUND WATER	03/28/25 10:03
EX-1C	CS93350	GROUND WATER	03/28/25 10:06
EX-1D	CS93351	GROUND WATER	03/28/25 10:07
TRIP BLANKS	CS93352	GROUND WATER	03/28/25 0:00



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



Analysis Report

April 04, 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:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25
03/28/25

Time

10:00
16:30

Laboratory Data

SDG ID: GCS93348
Phoenix ID: CS93348

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	03/31/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	03/31/25	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,2-Dichloroethene	1.9	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	03/31/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	03/31/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	03/31/25	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	03/31/25	MH	E624.1
Tetrachloroethene	40	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Trichloroethene	2.8	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	106			%	1	03/31/25	MH	70 - 130 %
% Bromofluorobenzene	87			%	1	03/31/25	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	03/31/25	MH	70 - 130 %
% Toluene-d8	102			%	1	03/31/25	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

April 04, 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

April 04, 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:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25
03/28/25

Time

10:03
16:30

Laboratory Data

SDG ID: GCS93348
Phoenix ID: CS93349

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	03/31/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	03/31/25	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,2-Dichloroethene	14	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	03/31/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	03/31/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	03/31/25	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	03/31/25	MH	E624.1
Tetrachloroethene	83	2.5	1.3	ug/L	5	04/01/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Trichloroethene	5.9	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	03/31/25	MH	70 - 130 %
% Bromofluorobenzene	91			%	1	03/31/25	MH	70 - 130 %
% Dibromofluoromethane	97			%	1	03/31/25	MH	70 - 130 %
% Toluene-d8	104			%	1	03/31/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	101			%	5	04/01/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	94			%	5	04/01/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	105			%	5	04/01/25	MH	70 - 130 %
% Toluene-d8 (5x)	102			%	5	04/01/25	MH	70 - 130 %

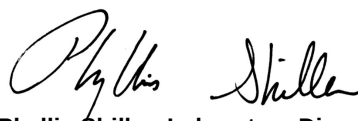
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL

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:

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Phyllis Shiller, Laboratory Director

April 04, 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

April 04, 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:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25
03/28/25

Time

10:06
16:30

Laboratory Data

SDG ID: GCS93348
Phoenix ID: CS93350

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

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	03/31/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethene	0.64	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	03/31/25	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,2-Dichloroethene	0.53	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	03/31/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	03/31/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	03/31/25	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	03/31/25	MH	E624.1
Tetrachloroethene	16	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Trichloroethene	2.0	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	03/31/25	MH	70 - 130 %
% Bromofluorobenzene	88			%	1	03/31/25	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	03/31/25	MH	70 - 130 %
% Toluene-d8	103			%	1	03/31/25	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:

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Phyllis Shiller, Laboratory Director

April 04, 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

April 04, 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:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25
03/28/25

Time

10:07
16:30

Laboratory Data

SDG ID: GCS93348
Phoenix ID: CS93351

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	1.2	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethane	0.95	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,1-Dichloroethene	8.9	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	03/31/25	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Carbon tetrachloride	0.65	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloroform	2.2	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,2-Dichloroethene	4.2	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	03/31/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	03/31/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	03/31/25	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	03/31/25	MH	E624.1
Tetrachloroethene	85	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/31/25	MH	E624.1
Trichloroethene	21	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	03/31/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	03/31/25	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	03/31/25	MH	70 - 130 %
% Dibromofluoromethane	110			%	1	03/31/25	MH	70 - 130 %
% Toluene-d8	100			%	1	03/31/25	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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

April 04, 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

April 04, 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:
Received by: CP
Analyzed by: see "By" below

Date

03/28/25

Time

16:30

Laboratory Data

SDG ID: GCS93348
Phoenix ID: CS93352

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

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	03/28/25	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	03/28/25	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
cis-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/28/25	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	03/28/25	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	03/28/25	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	03/28/25	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	03/28/25	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	03/28/25	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	03/28/25	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	03/28/25	MH	70 - 130 %
% Bromofluorobenzene	89			%	1	03/28/25	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	03/28/25	MH	70 - 130 %
% Toluene-d8	102			%	1	03/28/25	MH	70 - 130 %

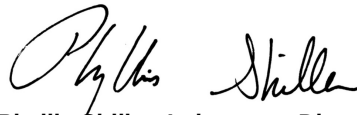
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

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

April 04, 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

April 04, 2025

QA/QC Data

SDG I.D.: GCS93348

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 776873 (ug/L), QC Sample No: CS92951 (CS93352)										
Volatiles - Ground Water										
1,1,1-Trichloroethane	ND	5.0	100	96	4.1	100	117	15.7	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	5.0	104	103	1.0	109	107	1.9	60 - 140	20
1,1,2-Trichloroethane	ND	5.0	103	97	6.0	106	107	0.9	71 - 129	20
1,1-Dichloroethane	ND	5.0	99	96	3.1	102	118	14.5	72 - 128	20
1,1-Dichloroethene	ND	5.0	97	93	4.2	98	113	14.2	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	101	97	4.0	100	101	1.0	63 - 137	20
1,2-Dichloroethane	ND	0.60	105	97	7.9	113	116	2.6	68 - 132	20
1,2-Dichloropropane	ND	5.0	101	96	5.1	102	105	2.9	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	101	98	3.0	100	101	1.0	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	99	96	3.1	99	100	1.0	63 - 137	20
Benzene	ND	0.70	109	103	5.7	119	100	17.4	64 - 136	20
Bromodichloromethane	ND	5.0	103	95	8.1	100	104	3.9	65 - 135	20
Bromoform	ND	5.0	103	102	1.0	100	106	5.8	71 - 129	20
Bromomethane	ND	5.0	101	96	5.1	80	111	32.5	40 - 160	20
Carbon Disulfide	ND	5.0	97	94	3.1	96	111	14.5	70 - 130	30
Carbon tetrachloride	ND	5.0	97	94	3.1	98	113	14.2	73 - 127	20
Chlorobenzene	ND	1.0	98	97	1.0	103	105	1.9	66 - 134	20
Chloroethane	ND	5.0	114	105	8.2	111	131	16.5	40 - 160	20
Chloroform	ND	5.0	100	97	3.0	102	120	16.2	67 - 133	20
Chloromethane	ND	5.0	95	92	3.2	91	113	21.6	40 - 160	20
cis-1,2-Dichloroethene	ND	5.0	100	93	7.3	97	117	18.7	69 - 131	20
cis-1,3-Dichloropropene	ND	5.0	103	96	7.0	96	100	4.1	40 - 160	20
Dibromochloromethane	ND	5.0	104	103	1.0	105	109	3.7	67 - 133	20
Ethylbenzene	ND	1.0	99	99	0.0	104	104	0.0	59 - 141	20
Isopropylbenzene	ND	1.0	101	97	4.0	98	101	3.0	70 - 130	30
m&p-Xylene	ND	1.0	101	101	0.0	105	107	1.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	98	3.0	102	118	14.5	70 - 130	30
Methylene chloride	ND	5.0	100	95	5.1	101	116	13.8	60 - 140	20
Naphthalene	ND	1.0	105	105	0.0	105	106	0.9	70 - 130	30
o-Xylene	ND	1.0	102	100	2.0	103	105	1.9	70 - 130	30
Tetrachloroethene	ND	1.0	97	92	5.3	101	100	1.0	73 - 127	20
Toluene	ND	1.0	99	92	7.3	99	100	1.0	74 - 126	20
trans-1,2-Dichloroethene	ND	5.0	97	95	2.1	96	115	18.0	69 - 131	20
trans-1,3-Dichloropropene	ND	5.0	107	100	6.8	101	100	1.0	50 - 150	20
Trichloroethene	ND	5.0	102	97	5.0	102	101	1.0	66 - 134	20
Trichlorofluoromethane	ND	5.0	100	96	4.1	103	122	16.9	48 - 152	20
Vinyl chloride	ND	5.0	95	91	4.3	96	114	17.1	40 - 160	20
% 1,2-dichlorobenzene-d4	101	%	101	100	1.0	103	102	1.0	70 - 130	30
% Bromofluorobenzene	93	%	99	100	1.0	101	100	1.0	70 - 130	30
% Dibromofluoromethane	99	%	98	98	0.0	98	116	16.8	70 - 130	30
% Toluene-d8	88	%	100	94	6.2	100	99	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GCS93348

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

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 777398 (ug/L), QC Sample No: CS93349 (CS93349, CS93350, CS93351)

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	1.0	120	118	1.7	121	123	1.6	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	99	101	2.0	96	102	6.1	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	103	102	1.0	101	106	4.8	71 - 129	20
1,1-Dichloroethane	ND	1.0	120	119	0.8	124	128	3.2	72 - 128	20
1,1-Dichloroethene	ND	1.0	115	117	1.7	121	125	3.3	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	99	100	1.0	96	104	8.0	63 - 137	20
1,2-Dichloroethane	ND	1.0	115	114	0.9	114	122	6.8	68 - 132	20
1,2-Dichloropropane	ND	1.0	108	106	1.9	104	111	6.5	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	101	101	0.0	98	104	5.9	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	98	99	1.0	96	103	7.0	63 - 137	20
Benzene	ND	0.70	102	101	1.0	100	106	5.8	64 - 136	20
Bromodichloromethane	ND	0.50	110	106	3.7	103	112	8.4	65 - 135	20
Bromoform	ND	1.0	103	104	1.0	91	101	10.4	71 - 129	20
Bromomethane	ND	1.0	131	134	2.3	121	137	12.4	40 - 160	20
Carbon Disulfide	ND	1.0	116	119	2.6	120	123	2.5	70 - 130	30
Carbon tetrachloride	ND	1.0	121	119	1.7	121	126	4.0	73 - 127	20
Chlorobenzene	ND	1.0	103	100	3.0	99	106	6.8	66 - 134	20
Chloroethane	ND	1.0	140	138	1.4	151	160	5.8	40 - 160	20
Chloroform	ND	1.0	119	116	2.6	123	126	2.4	67 - 133	20
Chloromethane	ND	1.0	123	123	0.0	125	131	4.7	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	112	114	1.8	122	126	3.2	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	108	106	1.9	100	108	7.7	40 - 160	20
Dibromochloromethane	ND	0.50	107	104	2.8	100	108	7.7	67 - 133	20
Ethylbenzene	ND	1.0	103	103	0.0	101	105	3.9	59 - 141	20
Isopropylbenzene	ND	1.0	103	102	1.0	98	106	7.8	70 - 130	30
m&p-Xylene	ND	1.0	104	104	0.0	101	108	6.7	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	116	115	0.9	116	122	5.0	70 - 130	30
Methylene chloride	ND	1.0	117	115	1.7	122	127	4.0	60 - 140	20
Naphthalene	ND	1.0	94	97	3.1	84	92	9.1	70 - 130	30
o-Xylene	ND	1.0	104	102	1.9	102	105	2.9	70 - 130	30
Tetrachloroethene	ND	1.0	103	104	1.0	100	106	5.8	73 - 127	20
Toluene	ND	1.0	103	102	1.0	100	107	6.8	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	114	114	0.0	120	124	3.3	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	111	110	0.9	101	108	6.7	50 - 150	20
Trichloroethene	ND	1.0	103	103	0.0	101	108	6.7	66 - 134	20
Trichlorofluoromethane	ND	1.0	128	128	0.0	134	134	0.0	48 - 152	20
Vinyl chloride	ND	1.0	121	121	0.0	125	130	3.9	40 - 160	20
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	92	%	101	101	0.0	98	99	1.0	70 - 130	30
% Dibromofluoromethane	103	%	112	114	1.8	107	102	4.8	70 - 130	30
% Toluene-d8	103	%	102	103	1.0	100	102	2.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 777153 (ug/L), QC Sample No: CS93942 (CS93348)

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	1.0	117	111	5.3	109	99	9.6	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	99	96	3.1	98	98	0.0	60 - 140	20

QA/QC Data

SDG I.D.: GCS93348

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,2-Trichloroethane	ND	1.0	100	100	0.0	101	104	2.9	71 - 129	20
1,1-Dichloroethane	ND	1.0	120	113	6.0	123	102	18.7	72 - 128	20
1,1-Dichloroethene	ND	1.0	117	109	7.1	109	94	14.8	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	102	97	5.0	95	97	2.1	63 - 137	20
1,2-Dichloroethane	ND	1.0	116	113	2.6	113	118	4.3	68 - 132	20
1,2-Dichloropropane	ND	1.0	106	106	0.0	101	105	3.9	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	104	98	5.9	94	95	1.1	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	102	97	5.0	93	95	2.1	63 - 137	20
Benzene	ND	0.70	107	99	7.8	95	117	20.8	64 - 136	20
Bromodichloromethane	ND	0.50	106	106	0.0	98	105	6.9	65 - 135	20
Bromoform	ND	1.0	101	98	3.0	94	97	3.1	71 - 129	20
Bromomethane	ND	1.0	134	127	5.4	107	100	6.8	40 - 160	20
Carbon Disulfide	ND	1.0	116	108	7.1	107	92	15.1	70 - 130	30
Carbon tetrachloride	ND	1.0	115	109	5.4	106	95	10.9	73 - 127	20
Chlorobenzene	ND	1.0	104	97	7.0	96	99	3.1	66 - 134	20
Chloroethane	ND	1.0	145	131	10.1	133	115	14.5	40 - 160	20
Chloroform	ND	1.0	121	115	5.1	123	101	19.6	67 - 133	20
Chloromethane	ND	1.0	119	112	6.1	114	97	16.1	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	119	110	7.9	117	96	19.7	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	108	105	2.8	96	99	3.1	40 - 160	20
Dibromochloromethane	ND	0.50	106	102	3.8	99	100	1.0	67 - 133	20
Ethylbenzene	ND	1.0	104	97	7.0	94	98	4.2	59 - 141	20
Isopropylbenzene	ND	1.0	104	98	5.9	92	93	1.1	70 - 130	30
m&p-Xylene	ND	1.0	105	99	5.9	95	98	3.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	115	109	5.4	116	99	15.8	70 - 130	30
Methylene chloride	ND	1.0	120	114	5.1	117	103	12.7	60 - 140	20
Naphthalene	ND	1.0	90	87	3.4	89	90	1.1	70 - 130	30
o-Xylene	ND	1.0	104	97	7.0	97	98	1.0	70 - 130	30
Tetrachloroethene	ND	1.0	101	98	3.0	93	98	5.2	73 - 127	20
Toluene	ND	1.0	103	99	4.0	95	99	4.1	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	115	110	4.4	112	96	15.4	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	109	108	0.9	99	102	3.0	50 - 150	20
Trichloroethene	ND	1.0	104	98	5.9	96	99	3.1	66 - 134	20
Trichlorofluoromethane	ND	1.0	122	114	6.8	116	100	14.8	48 - 152	20
Vinyl chloride	ND	1.0	117	111	5.3	112	97	14.4	40 - 160	20
% 1,2-dichlorobenzene-d4	103	%	100	99	1.0	102	101	1.0	70 - 130	30
% Bromofluorobenzene	94	%	101	99	2.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	117	%	114	100	13.1	107	100	6.8	70 - 130	30
% Toluene-d8	102	%	101	103	2.0	100	100	0.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 777326 (ug/L), QC Sample No: CS94642 (CS93349 (5X))

Volatiles - Ground Water

Tetrachloroethene	ND	1.0	97	97	0.0	100	96	4.1	73 - 127	20
% 1,2-dichlorobenzene-d4	101	%	100	99	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	95	%	103	103	0.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	98	%	95	96	1.0	106	112	5.5	70 - 130	30
% Toluene-d8	102	%	102	101	1.0	102	100	2.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

r = This parameter is outside laboratory RPD specified recovery limits.

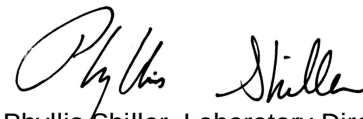
QA/QC Data

SDG I.D.: GCS93348

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

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
April 04, 2025

Friday, April 04, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report
GCS93348 - ENVIROTR

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

April 04, 2025

SDG I.D.: GCS93348

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.
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NY Temperature Narration

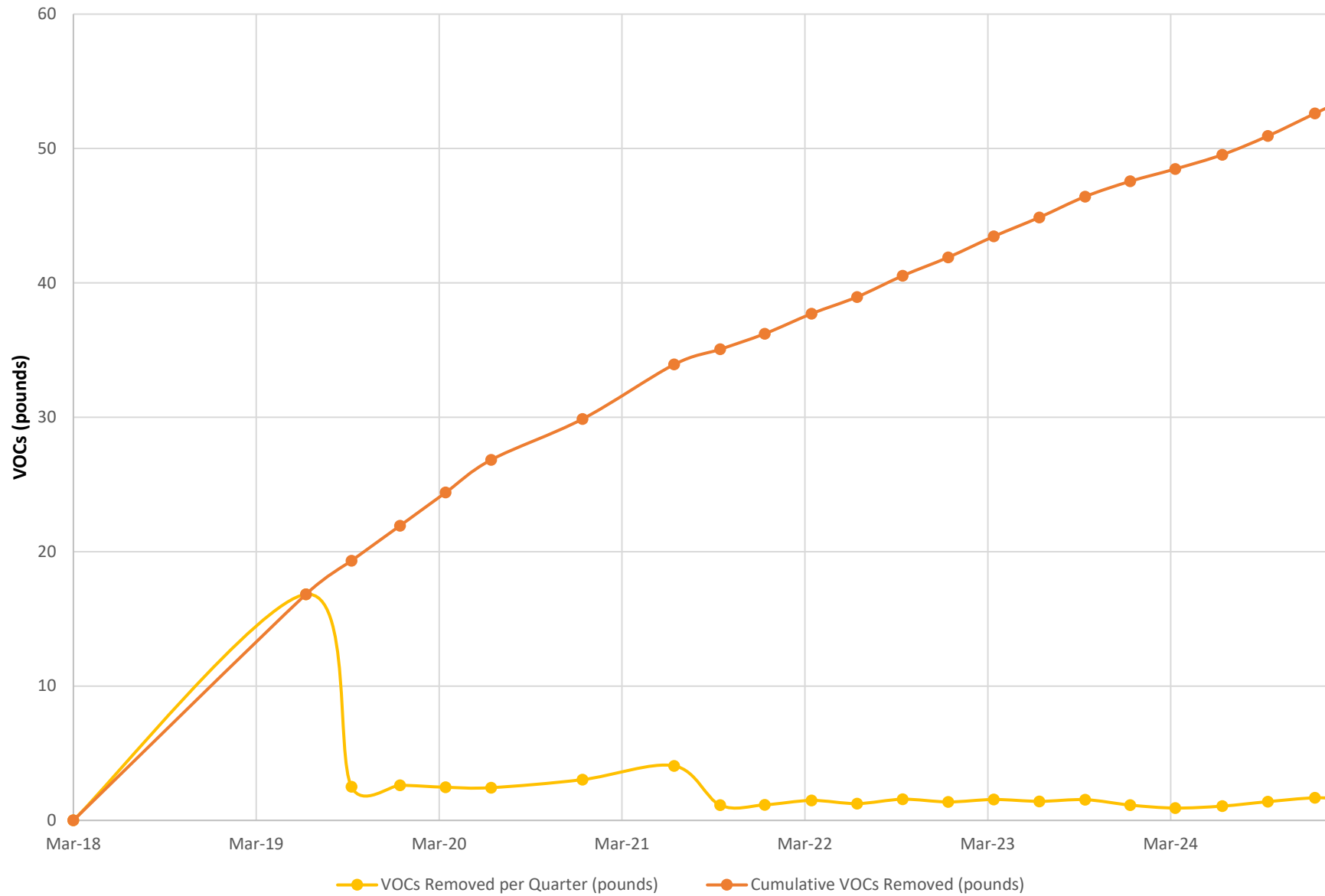
April 04, 2025

SDG I.D.: GCS93348

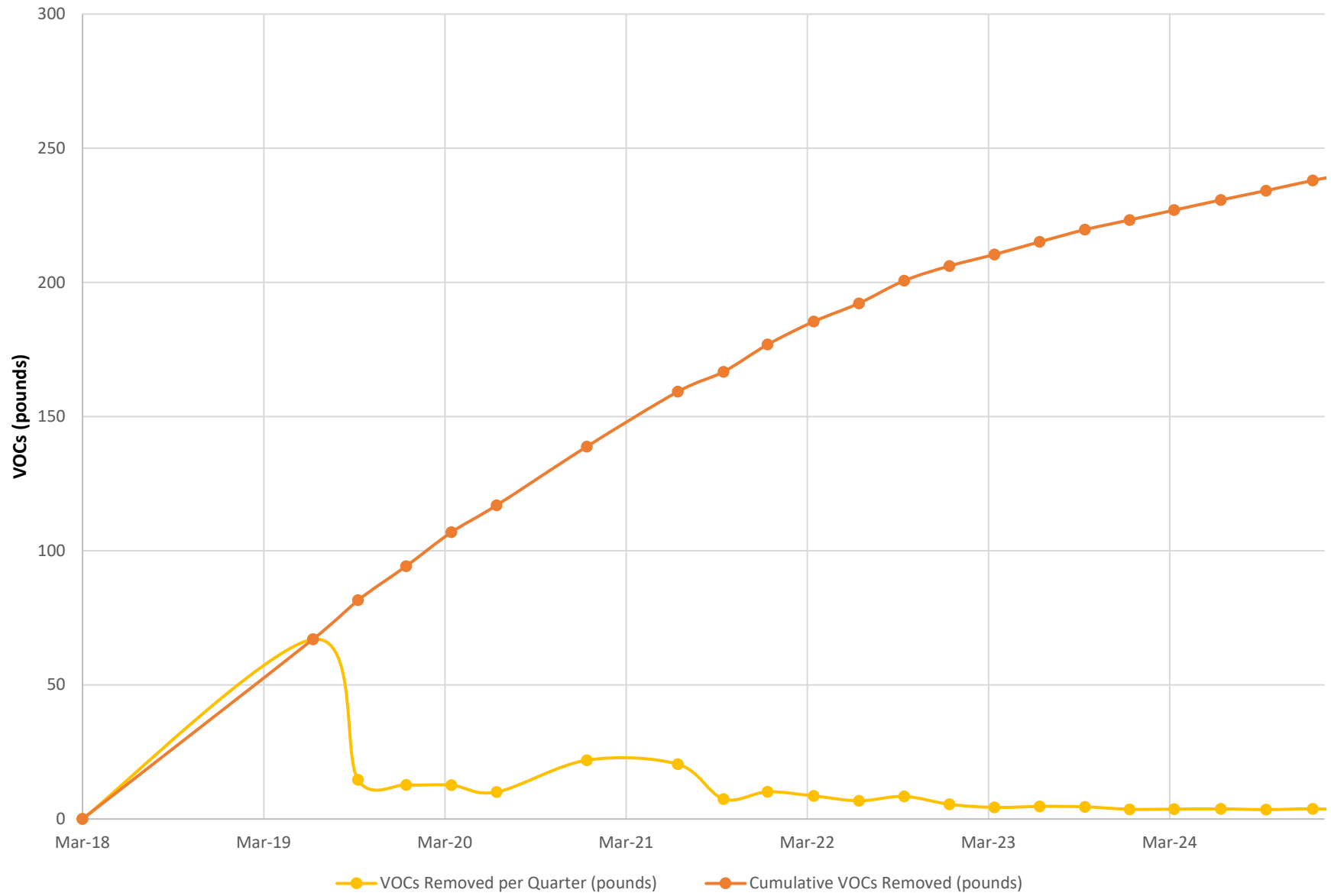
The samples in this delivery group were received at 2.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Appendix E
Groundwater Extraction Well Sampling
Historical Results

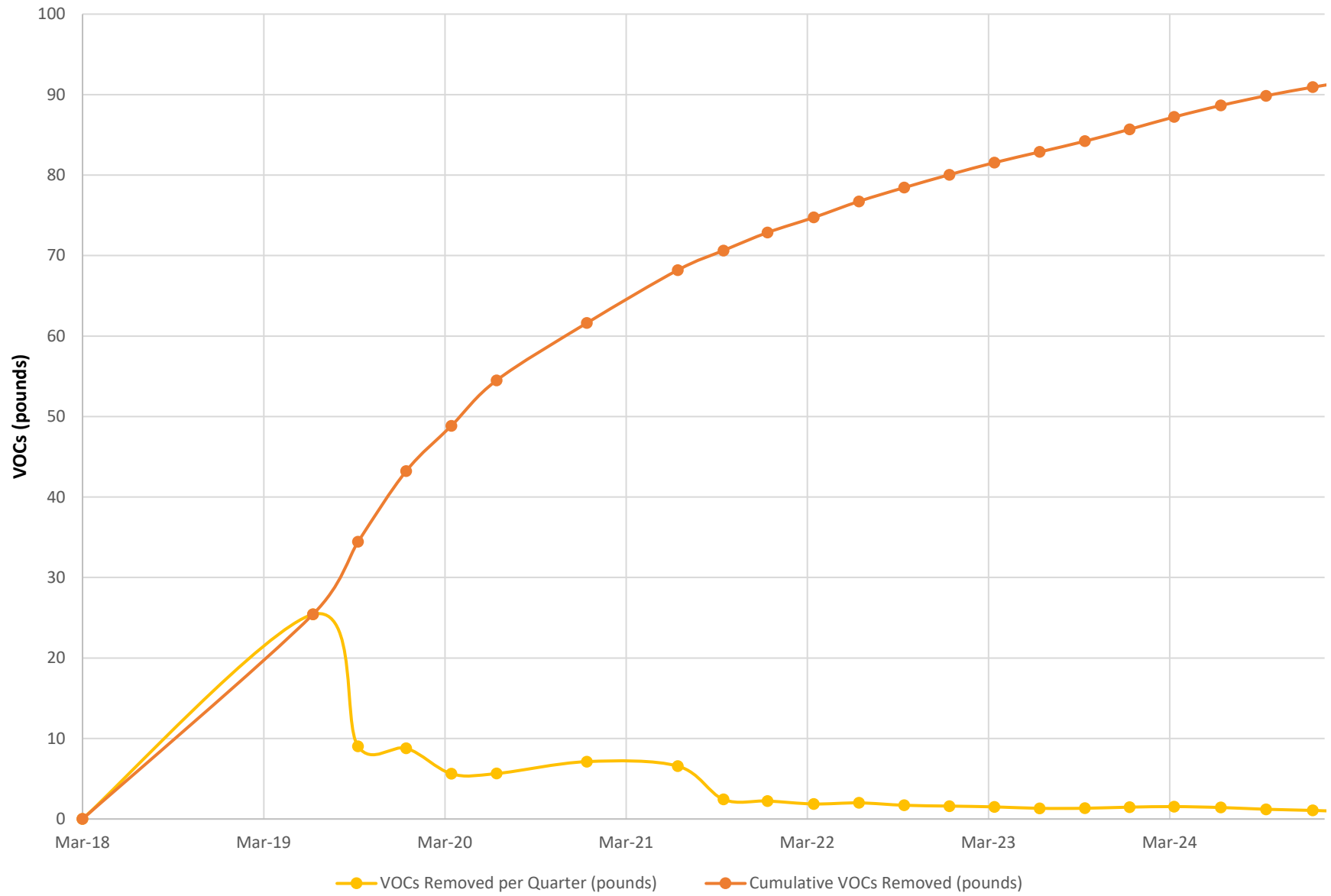
Mass Removal EX-1A



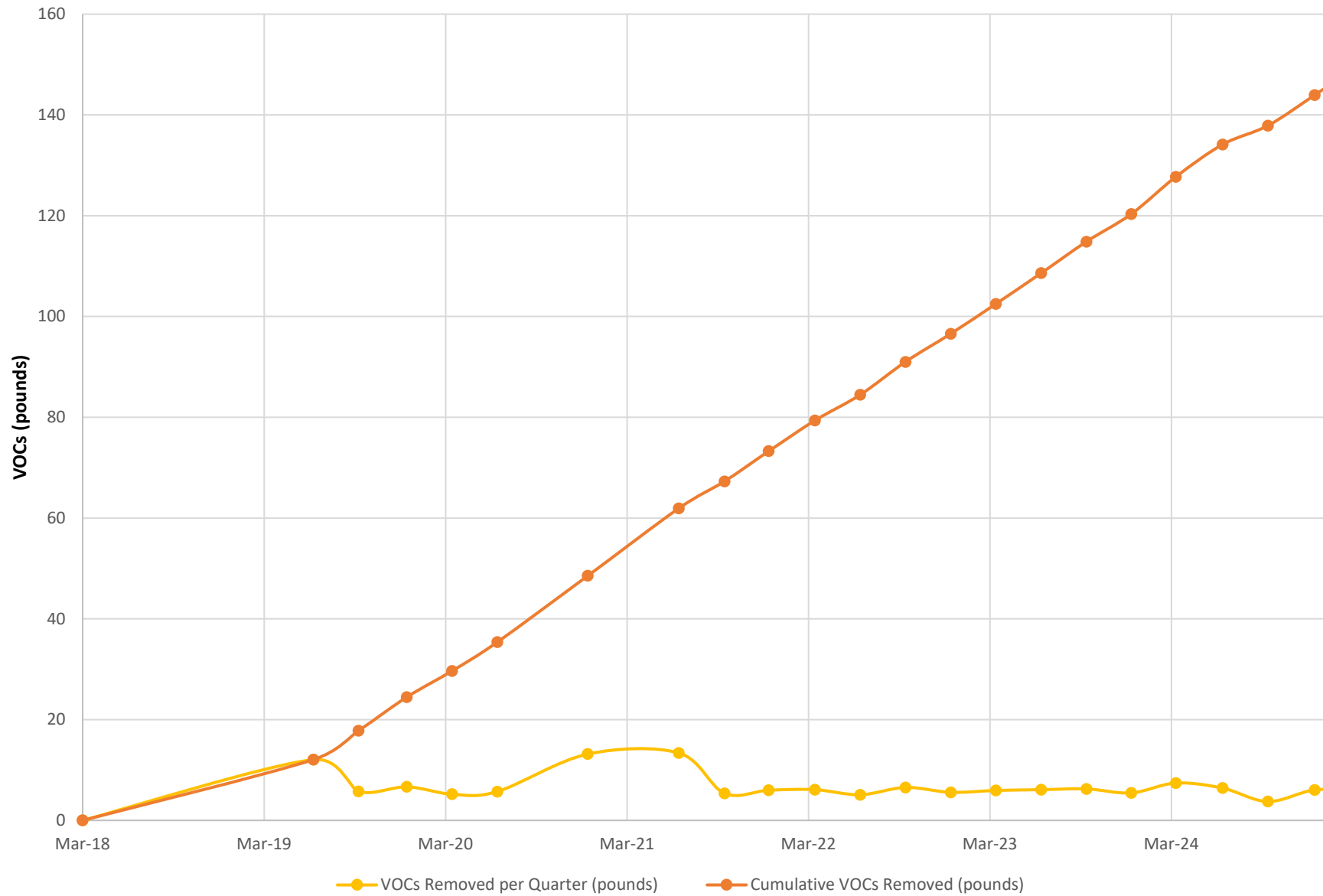
Mass Removal EX-1B



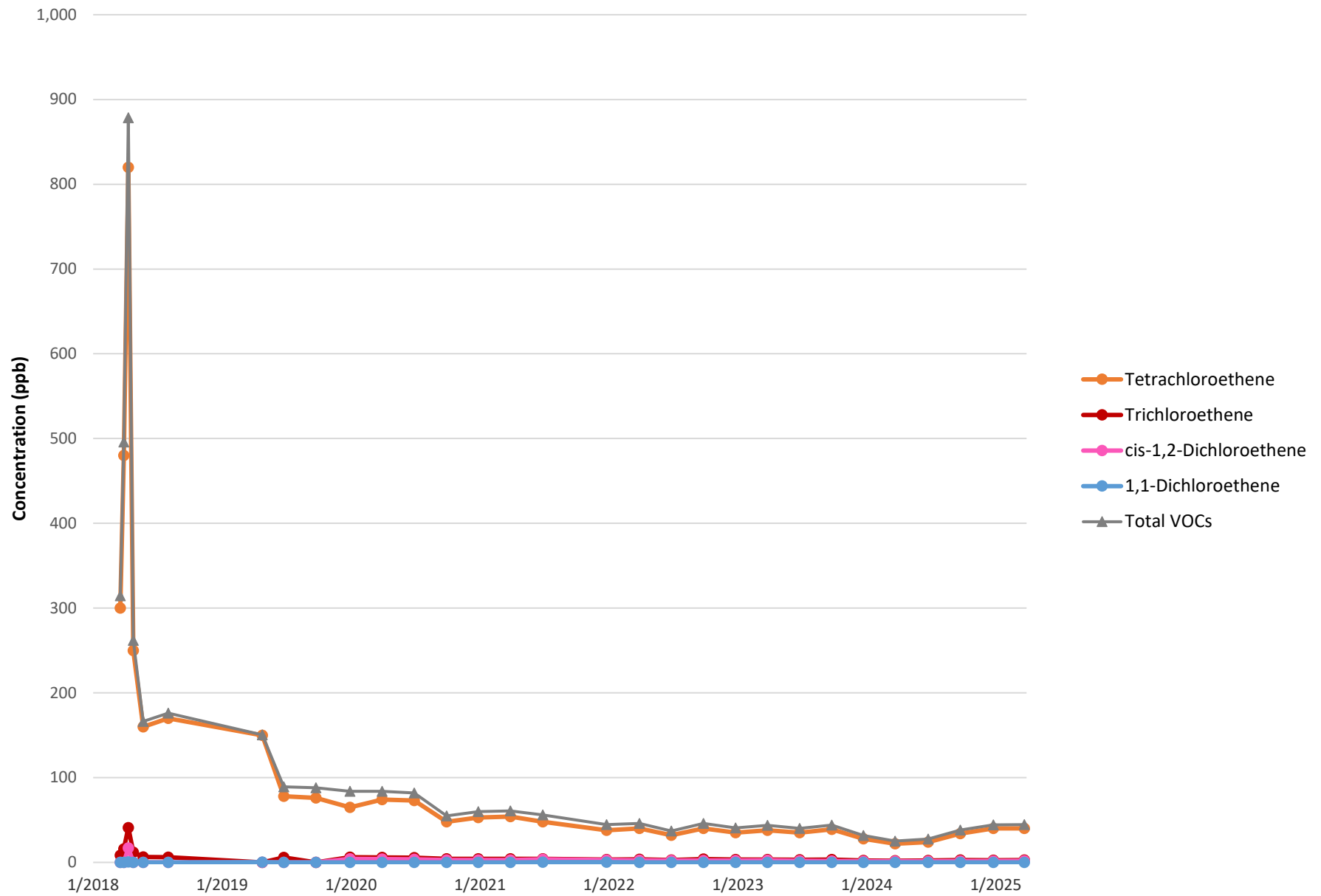
Mass Removal EX-1C



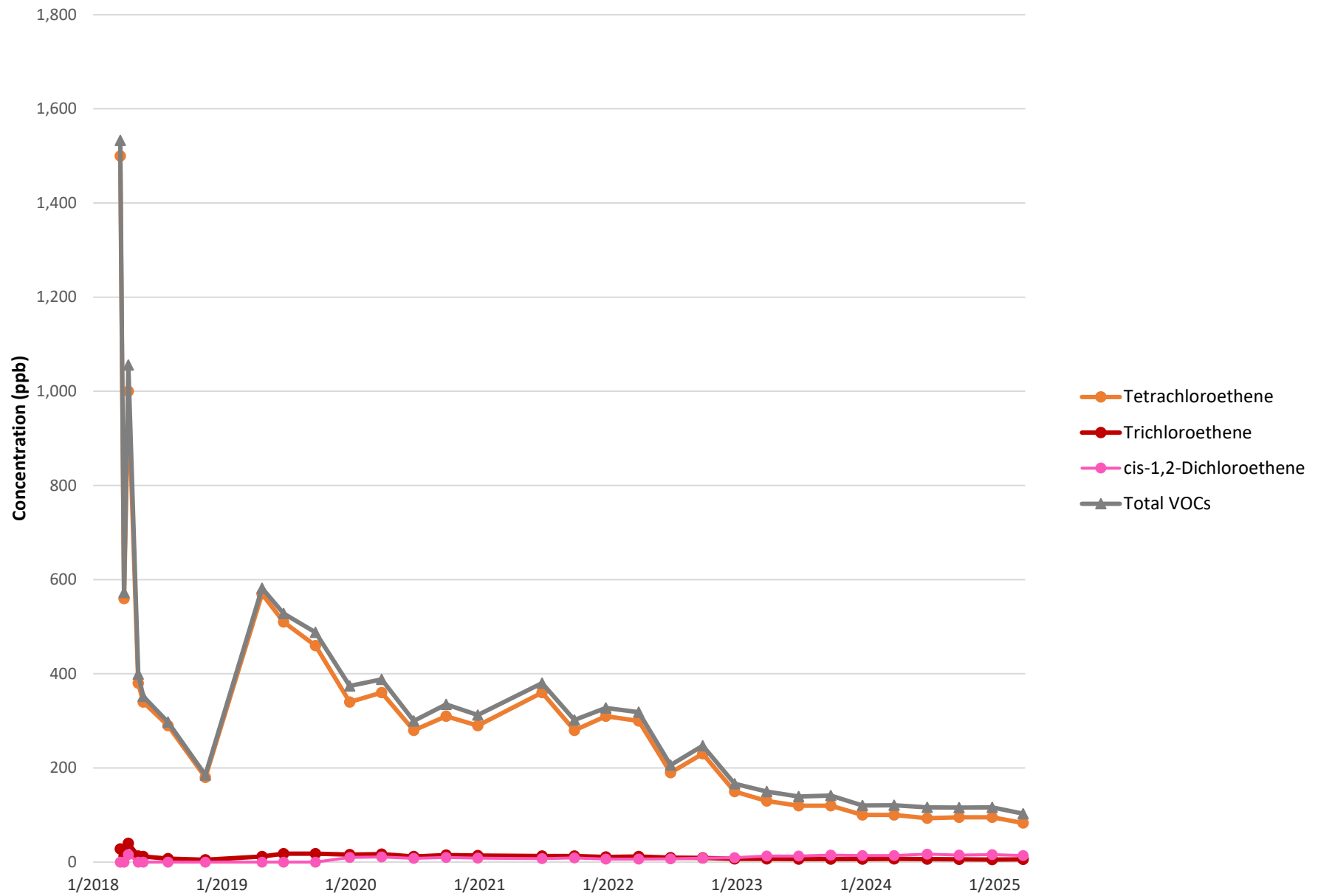
Mass Removal EX-1D



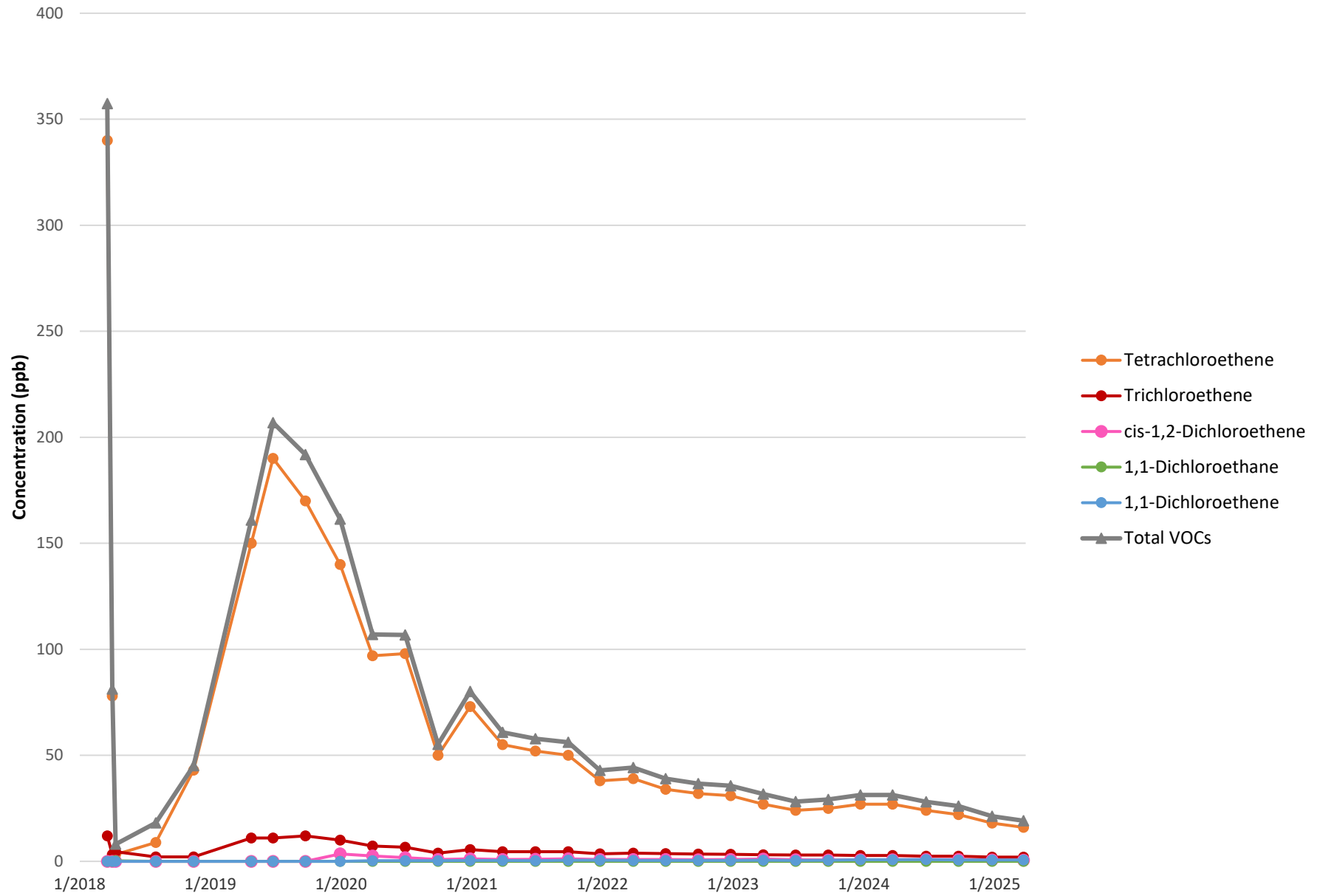
EX-1A



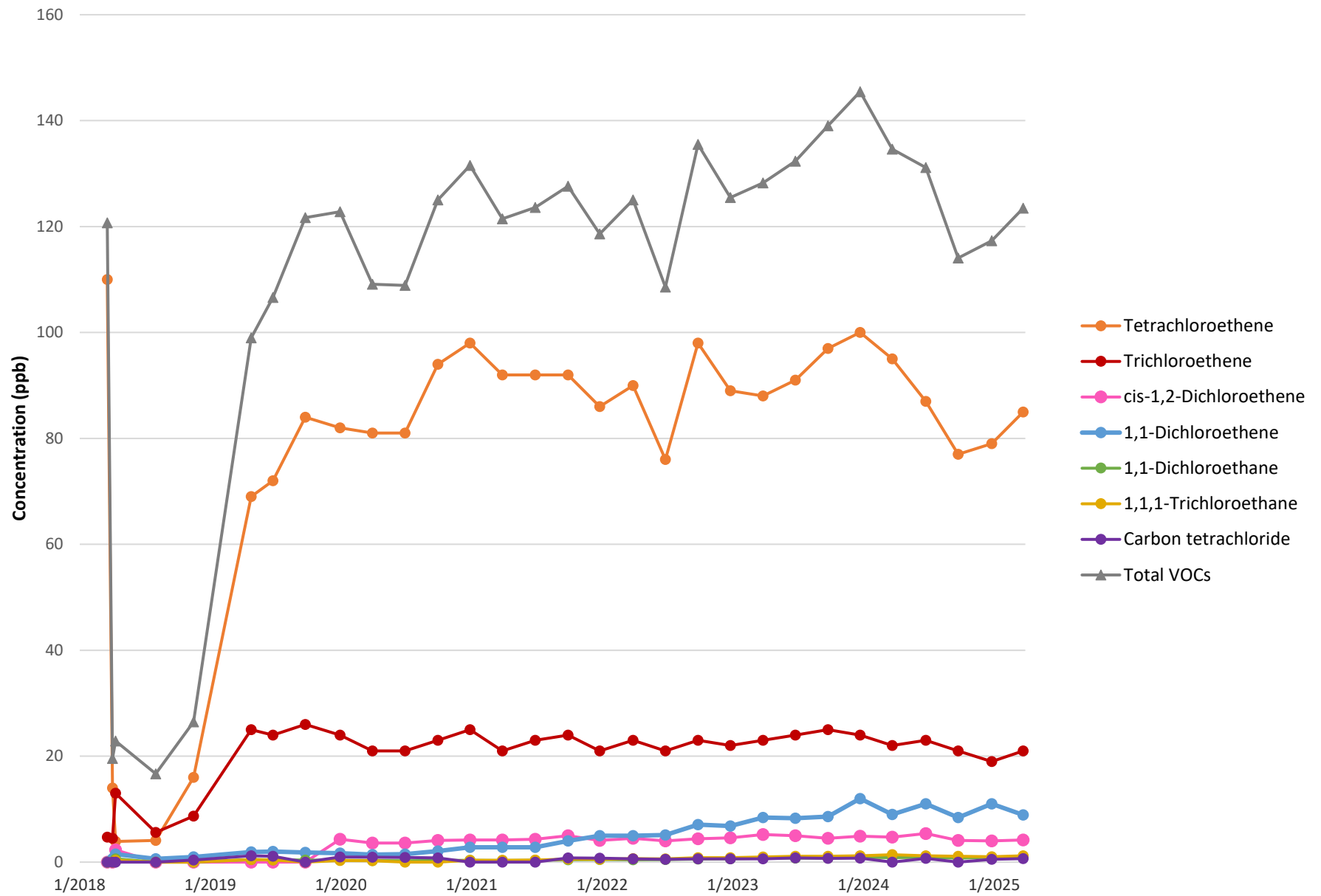
EX-1B



EX-1C



EX-1D



All Wells - Total VOCs

