

October 10, 2024

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: September 2024
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 September 2024 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 September, no alarm calls were received.
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on September 13 using Summa canisters. These samples were obtained by EnviroTrac, submitted to Con-Test (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 [24,420 µg/m³]) 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	September 2024 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	4.5
Tetrachloroethene	1,000	38,000	3.1
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene ³	100	3,800	190

Notes:

ft/min cubic feet per minute

lbs/year pounds per year

µg/m³ micrograms per cubic meter

- 1 Source of Mass Emission Limit: Part 212-2.2 Table 2 — High Toxicity Air Contaminant List
- 2 These limits were calculated based on Frost Street-specific system operations (i.e., flow rate) in order to remain below the annual HTAC emissions listed in Part 212-2.2 Table 2. Remaining below these concentrations ensures that annual emissions will not exceed the limit which demonstrates compliance with Part 212 without having to perform compound-specific analyses.
- 3 Cis-1,2-dichloroethene is not a listed HTAC, so the default is 100 lbs/year.

Groundwater Extraction System – Operable Unit 2

The pumps in EX-1A, EX-1B, EX-1C, and EX-1D operated near design flow rates (30, 30, 48, and 48 gallons per minute, respectively) for all of September. To date, over 472 million gallons of groundwater and approximately 512 pounds of VOCs have been removed by this system.

Quarterly samples were collected from each extraction well on September 27 and analyzed for VOCs; a summary of the detected values is provided below. This data continues to indicate significant mass extraction. Full results for these events are provided in Appendix C; historical data is graphed in Appendix D.

Groundwater Extraction System Individual Extraction Well Data – Volatile Organic Compounds (ppb)				
Analyte	EX-1A	EX-1B	EX-1C	EX-1D
1,1,1-Trichloroethane	ND	ND	ND	1.1
1,1-Dichloroethane	ND	ND	ND	0.75
1,1-Dichloroethene	ND	ND	0.7	8.4
Chloroform	ND	ND	ND	1.7
cis-1,2-Dichloroethene	1.6	15	0.92	4.1
Tetrachloroethene	34	95	22	77
Trichloroethene	2.7	5.8	2.4	21
Total VOCs	38.3	115.8	26.02	114.1

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>
	S. Bogardus, NYSDOH	<i>Via email to sara.bogardus@health.ny.gov</i>
	R. Putnam, NCDOH	<i>Via email to rputnam@nassaucountyny.gov</i>
	J. Vazquez, U.S. EPA	<i>Via email to vazquez.julio@epa.gov</i>
	T. Pupilla, Sanders Equities	<i>Via email to tpupilla@sandersequities.com</i>
	M. Peters	<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: 13-Sep
Weather / Temp: Clear / 80 DEG
Technician / Operator: JW

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

System Status									
	Arrival		Departure			Arrival		Departure	
SVE Blower 1 (ON/OFF)	OFF		OFF		AS Compressor 1 (ON/OFF)	ON		ON	
SVE Blower 2 (ON/OFF)	ON		ON		AS Compressor 2 (ON/OFF)	OFF		OFF	
					Air Cooler (ON/OFF)	ON		ON	
Soil Vapor Extraction System									
Blower Air Velocity/Flow Rate (fpm)/(cfm)	4600		903		Blower 1 Total Runtime (hrs)	75,648.9			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	75,246.0			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Blower Inlet Vacuum ("H2O)	53				Blower 2 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	3				VGAC-1 Influent PID (ppm)	2			
VGAC-1 Influent Vacuum ("H2O)	40				VGAC-1 Effluent PID (ppm)	0			
VGAC-1 Effluent Vacuum ("H2O)	45				VGAC-2 Influent PID (ppm)	2			
VGAC-2 Influent Vacuum ("H2O)	40				VGAC-2 Effluent PID (ppm)	0			
VGAC-2 Effluent Vacuum ("H2O)	42				VGAC-3 Influent PID (ppm)	0			
VGAC-3 Influent Vacuum ("H2O)	45				VGAC-3 Effluent PID (ppm)	0			
VGAC-3 Effluent Vacuum ("H2O)	50				Blower Effluent PID (ppm)	0			
VGAC-3 Influent Temp (DegF)					Transfer Pump Total Runtime (hrs)	25,322.1			
Blower Effluent Pressure ("H2O)	10				Condensate Storage Tank Level (gal)	200			
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	44	6500	142	1	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	38	4200	92	0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	46	4000	87	1	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	44	2900	63	0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	36	5000	109	0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	42	6000	131	6
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	34	4200	92	0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	40	3000	65	0
Air Sparge System									
Compressor 1 Pressure (psi)	17				Compressor 2 Pressure (psi)	Off			
Compressor 1 Runtime (hrs)	29,050.4				Compressor 2 Temperature (degF)	Off			
Air Cooler Inlet Temperature (degF)	164				Compressor 2 Regulator Pressure (psi)	Off			
Air Cooler Outlet Temperature (degF)	92				Compressor 2 Runtime (hrs)	40,734			
Air Cooler Inlet Pressure (psi)	17				AS Manifold Temperature (degF)	86			
Air Cooler Outlet Pressure (psi)	17				AS Manifold Pressure	16			
AS Manifold Legs - Pressure/Flow Rate									
	Pressure	Flow Rate				Pressure	Flow Rate		
AS-1 (psi)/(cfm)	17	8	AS-11 (psi)/(cfm)		15		8		
AS-2 (psi)/(cfm)	17	10	AS-12B (psi)/(cfm)		17		10		
AS-3 (psi)/(cfm)	16	8	AS-13B (psi)/(cfm)		16		13		
AS-4 (psi)/(cfm)	15	12	AS-14 (psi)/(cfm)		17		10		
AS-5 (psi)/(cfm)	16	11	AS-15 (psi)/(cfm)		16		11		
AS-6 (psi)/(cfm)	17	10	AS-16B (psi)/(cfm)		16		11		
AS-7 (psi)/(cfm)	17	8	AS-17 (psi)/(cfm)		17		10		
AS-8 (psi)/(cfm)	16	13	AS-18 (psi)/(cfm)		16		10		
AS-9 (psi)/(cfm)	17	11	AS-19 (psi)/(cfm)		16		5		
AS-10B (psi)/(cfm)	16	10							

Notes, Comments & Observations:

Collected monthly air samples.

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: 13-Sep
Weather / Temp: Clear / 80 DEG
Technician / Operator: JW

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

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 4/30/24
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	
-Inspect Belts	Weekly	Y	
SVE Blower B-2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 4/30/24
-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 7/23/24
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	N	
-Amp Draw	Quarterly	N	
Air Cooler			
-Inspect	Weekly	Y	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
-Drain Filters/Collectors	Weekly	Y	
-Drain Pressure Tank	Weekly	Y	

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

September 23, 2024

James Wilkinson
EnviroTrac Ltd - Yaphank, NY
5 Old Dock Road
Yaphank, NY 11980

Project Location: Westbury, NY
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 24I2025

Enclosed are results of analyses for samples as received by the laboratory on September 17, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kaitlyn A. Feliciano
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332EnviroTrac Ltd - Yaphank, NY
5 Old Dock Road
Yaphank, NY 11980
ATTN: James Wilkinson

REPORT DATE: 9/23/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24I2025

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Westbury, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SVE Influent	24I2025-01	Soil Gas		- EPA TO-15	
SVE Effluent	24I2025-02	Soil Gas		- EPA TO-15	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15**Qualifications:**

L-01

Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:**1,2,4-Trichlorobenzene**

B386918-BS1

1,3-Dichlorobenzene

B386918-BS1

Benzyl chloride

B386918-BS1

HexachlorobutadieneB386918-BS1

L-05

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:**Ethanol**24I2025-02[SVE Effluent], B386918-BS1, B386918-DUP1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:24I2025-01[SVE Influent]

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**Propene**

B386918-BS1, S110917-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington

Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Westbury, NY
Date Received: 9/17/2024
Field Sample #: SVE Influent
Sample ID: 24I2025-01
Sample Matrix: Soil Gas
Sampled: 9/13/2024 09:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 2284
Canister Size: 3 liter
Flow Controller ID: 4596
Sample Type: 15 min

Work Order: 24I2025
Initial Vacuum(in Hg): >-30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -7.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv			ug/m3		Dilution	Date/Time		Analyst
	Results	RL	Flag/Qual	Results	RL		Analyzed		
Acetone	ND	80		ND	190	40	9/20/24 20:10	TPH	
Benzene	ND	2.0		ND	6.4	40	9/20/24 20:10	TPH	
Benzyl chloride	ND	2.0		ND	10	40	9/20/24 20:10	TPH	
Bromodichloromethane	ND	2.0		ND	13	40	9/20/24 20:10	TPH	
Bromoform	ND	2.0		ND	21	40	9/20/24 20:10	TPH	
Bromomethane	ND	2.0		ND	7.8	40	9/20/24 20:10	TPH	
1,3-Butadiene	ND	2.0		ND	4.4	40	9/20/24 20:10	TPH	
2-Butanone (MEK)	ND	80		ND	240	40	9/20/24 20:10	TPH	
Carbon Disulfide	ND	20		ND	62	40	9/20/24 20:10	TPH	
Carbon Tetrachloride	ND	2.0		ND	13	40	9/20/24 20:10	TPH	
Chlorobenzene	ND	2.0		ND	9.2	40	9/20/24 20:10	TPH	
Chloroethane	ND	2.0		ND	5.3	40	9/20/24 20:10	TPH	
Chloroform	ND	2.0		ND	9.8	40	9/20/24 20:10	TPH	
Chloromethane	ND	4.0		ND	8.3	40	9/20/24 20:10	TPH	
Cyclohexane	ND	2.0		ND	6.9	40	9/20/24 20:10	TPH	
Dibromochloromethane	ND	2.0		ND	17	40	9/20/24 20:10	TPH	
1,2-Dibromoethane (EDB)	ND	2.0		ND	15	40	9/20/24 20:10	TPH	
1,2-Dichlorobenzene	ND	2.0		ND	12	40	9/20/24 20:10	TPH	
1,3-Dichlorobenzene	ND	2.0		ND	12	40	9/20/24 20:10	TPH	
1,4-Dichlorobenzene	ND	2.0		ND	12	40	9/20/24 20:10	TPH	
Dichlorodifluoromethane (Freon 12)	ND	2.0		ND	9.9	40	9/20/24 20:10	TPH	
1,1-Dichloroethane	ND	2.0		ND	8.1	40	9/20/24 20:10	TPH	
1,2-Dichloroethane	ND	2.0		ND	8.1	40	9/20/24 20:10	TPH	
1,1-Dichloroethylene	ND	2.0		ND	7.9	40	9/20/24 20:10	TPH	
cis-1,2-Dichloroethylene	82	2.0		320	7.9	40	9/20/24 20:10	TPH	
trans-1,2-Dichloroethylene	ND	2.0		ND	7.9	40	9/20/24 20:10	TPH	
1,2-Dichloropropane	ND	2.0		ND	9.2	40	9/20/24 20:10	TPH	
cis-1,3-Dichloropropene	ND	2.0		ND	9.1	40	9/20/24 20:10	TPH	
trans-1,3-Dichloropropene	ND	2.0		ND	9.1	40	9/20/24 20:10	TPH	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	2.0		ND	14	40	9/20/24 20:10	TPH	
1,4-Dioxane	ND	20		ND	72	40	9/20/24 20:10	TPH	
Ethanol	ND	80		ND	150	40	9/20/24 20:10	TPH	
Ethyl Acetate	ND	20		ND	72	40	9/20/24 20:10	TPH	
Ethylbenzene	ND	2.0		ND	8.7	40	9/20/24 20:10	TPH	
4-Ethyltoluene	ND	2.0		ND	9.8	40	9/20/24 20:10	TPH	
Heptane	ND	2.0		ND	8.2	40	9/20/24 20:10	TPH	
Hexachlorobutadiene	ND	2.0		ND	21	40	9/20/24 20:10	TPH	

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ANALYTICAL RESULTS

Project Location: Westbury, NY
 Date Received: 9/17/2024
Field Sample #: SVE Influent
Sample ID: 24I2025-01
 Sample Matrix: Soil Gas
 Sampled: 9/13/2024 09:50

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2284
 Canister Size: 3 liter
 Flow Controller ID: 4596
 Sample Type: 15 min

Work Order: 24I2025
 Initial Vacuum(in Hg): >-30
 Final Vacuum(in Hg): -10
 Receipt Vacuum(in Hg): -7.4
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15									
Sample Flags: RL-11									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	80		ND	280	40	9/20/24 20:10		TPH
2-Hexanone (MBK)	ND	2.0		ND	8.2	40	9/20/24 20:10		TPH
Isopropanol	ND	80		ND	200	40	9/20/24 20:10		TPH
Methyl tert-Butyl Ether (MTBE)	ND	2.0		ND	7.2	40	9/20/24 20:10		TPH
Methylene Chloride	ND	20		ND	69	40	9/20/24 20:10		TPH
4-Methyl-2-pentanone (MIBK)	ND	2.0		ND	8.2	40	9/20/24 20:10		TPH
Naphthalene	ND	2.0		ND	10	40	9/20/24 20:10		TPH
Propene	ND	80		ND	140	40	9/20/24 20:10		TPH
Styrene	ND	2.0		ND	8.5	40	9/20/24 20:10		TPH
1,1,2,2-Tetrachloroethane	ND	2.0		ND	14	40	9/20/24 20:10		TPH
Tetrachloroethylene	3400	15		23000	100	300	9/20/24 20:58		TPH
Tetrahydrofuran	ND	20		ND	59	40	9/20/24 20:10		TPH
Toluene	ND	2.0		ND	7.5	40	9/20/24 20:10		TPH
1,2,4-Trichlorobenzene	ND	2.0		ND	15	40	9/20/24 20:10		TPH
1,1,1-Trichloroethane	ND	2.0		ND	11	40	9/20/24 20:10		TPH
1,1,2-Trichloroethane	ND	2.0		ND	11	40	9/20/24 20:10		TPH
Trichloroethylene	200	2.0		1100	11	40	9/20/24 20:10		TPH
Trichlorofluoromethane (Freon 11)	ND	8.0		ND	45	40	9/20/24 20:10		TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	8.0		ND	61	40	9/20/24 20:10		TPH
1,2,4-Trimethylbenzene	ND	2.0		ND	9.8	40	9/20/24 20:10		TPH
1,3,5-Trimethylbenzene	ND	2.0		ND	9.8	40	9/20/24 20:10		TPH
Vinyl Acetate	ND	40		ND	140	40	9/20/24 20:10		TPH
Vinyl Chloride	ND	2.0		ND	5.1	40	9/20/24 20:10		TPH
m&p-Xylene	ND	4.0		ND	17	40	9/20/24 20:10		TPH
o-Xylene	ND	2.0		ND	8.7	40	9/20/24 20:10		TPH
Surrogates	% Recovery			% REC Limits					
4-Bromofluorobenzene (1)	111			70-130 9/20/24 20:10					
4-Bromofluorobenzene (1)	110			70-130 9/20/24 20:58					

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ANALYTICAL RESULTS

Project Location: Westbury, NY
 Date Received: 9/17/2024
Field Sample #: SVE Effluent
Sample ID: 2412025-02
 Sample Matrix: Soil Gas
 Sampled: 9/13/2024 09:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2085
 Canister Size: 3 liter
 Flow Controller ID: 4595
 Sample Type: 15 min

Work Order: 2412025
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -8
 Receipt Vacuum(in Hg): -5.6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	15	8.0		36	19	4	9/20/24	18:51	TPH
Benzene	ND	0.20		ND	0.64	4	9/20/24	18:51	TPH
Benzyl chloride	ND	0.20		ND	1.0	4	9/20/24	18:51	TPH
Bromodichloromethane	ND	0.20		ND	1.3	4	9/20/24	18:51	TPH
Bromoform	ND	0.20		ND	2.1	4	9/20/24	18:51	TPH
Bromomethane	ND	0.20		ND	0.78	4	9/20/24	18:51	TPH
1,3-Butadiene	ND	0.20		ND	0.44	4	9/20/24	18:51	TPH
2-Butanone (MEK)	ND	8.0		ND	24	4	9/20/24	18:51	TPH
Carbon Disulfide	ND	2.0		ND	6.2	4	9/20/24	18:51	TPH
Carbon Tetrachloride	ND	0.20		ND	1.3	4	9/20/24	18:51	TPH
Chlorobenzene	ND	0.20		ND	0.92	4	9/20/24	18:51	TPH
Chloroethane	ND	0.20		ND	0.53	4	9/20/24	18:51	TPH
Chloroform	ND	0.20		ND	0.98	4	9/20/24	18:51	TPH
Chloromethane	ND	0.40		ND	0.83	4	9/20/24	18:51	TPH
Cyclohexane	ND	0.20		ND	0.69	4	9/20/24	18:51	TPH
Dibromochloromethane	ND	0.20		ND	1.7	4	9/20/24	18:51	TPH
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	9/20/24	18:51	TPH
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	9/20/24	18:51	TPH
1,3-Dichlorobenzene	ND	0.20		ND	1.2	4	9/20/24	18:51	TPH
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	9/20/24	18:51	TPH
Dichlorodifluoromethane (Freon 12)	0.42	0.20		2.1	0.99	4	9/20/24	18:51	TPH
1,1-Dichloroethane	ND	0.20		ND	0.81	4	9/20/24	18:51	TPH
1,2-Dichloroethane	ND	0.20		ND	0.81	4	9/20/24	18:51	TPH
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	9/20/24	18:51	TPH
cis-1,2-Dichloroethylene	48	0.20		190	0.79	4	9/20/24	18:51	TPH
trans-1,2-Dichloroethylene	0.50	0.20		2.0	0.79	4	9/20/24	18:51	TPH
1,2-Dichloropropane	ND	0.20		ND	0.92	4	9/20/24	18:51	TPH
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	9/20/24	18:51	TPH
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	9/20/24	18:51	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	9/20/24	18:51	TPH
1,4-Dioxane	ND	2.0		ND	7.2	4	9/20/24	18:51	TPH
Ethanol	11	8.0	L-05	20	15	4	9/20/24	18:51	TPH
Ethyl Acetate	ND	2.0		ND	7.2	4	9/20/24	18:51	TPH
Ethylbenzene	ND	0.20		ND	0.87	4	9/20/24	18:51	TPH
4-Ethyltoluene	ND	0.20		ND	0.98	4	9/20/24	18:51	TPH
Heptane	ND	0.20		ND	0.82	4	9/20/24	18:51	TPH
Hexachlorobutadiene	ND	0.20		ND	2.1	4	9/20/24	18:51	TPH

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ANALYTICAL RESULTS

Project Location: Westbury, NY
 Date Received: 9/17/2024
Field Sample #: SVE Effluent
Sample ID: 2412025-02
 Sample Matrix: Soil Gas
 Sampled: 9/13/2024 09:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2085
 Canister Size: 3 liter
 Flow Controller ID: 4595
 Sample Type: 15 min

Work Order: 2412025
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -8
 Receipt Vacuum(in Hg): -5.6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	8.0		ND	28	4	9/20/24	18:51	TPH
2-Hexanone (MBK)	ND	0.20		ND	0.82	4	9/20/24	18:51	TPH
Isopropanol	ND	8.0		ND	20	4	9/20/24	18:51	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	9/20/24	18:51	TPH
Methylene Chloride	ND	2.0		ND	6.9	4	9/20/24	18:51	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.20		ND	0.82	4	9/20/24	18:51	TPH
Naphthalene	ND	0.20		ND	1.0	4	9/20/24	18:51	TPH
Propene	ND	8.0		ND	14	4	9/20/24	18:51	TPH
Styrene	ND	0.20		ND	0.85	4	9/20/24	18:51	TPH
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	9/20/24	18:51	TPH
Tetrachloroethylene	0.66	0.20		4.5	1.4	4	9/20/24	18:51	TPH
Tetrahydrofuran	ND	2.0		ND	5.9	4	9/20/24	18:51	TPH
Toluene	ND	0.20		ND	0.75	4	9/20/24	18:51	TPH
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	9/20/24	18:51	TPH
1,1,1-Trichloroethane	ND	0.20		ND	1.1	4	9/20/24	18:51	TPH
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	9/20/24	18:51	TPH
Trichloroethylene	0.58	0.20		3.1	1.1	4	9/20/24	18:51	TPH
Trichlorofluoromethane (Freon 11)	ND	0.80		ND	4.5	4	9/20/24	18:51	TPH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80		ND	6.1	4	9/20/24	18:51	TPH
1,2,4-Trimethylbenzene	ND	0.20		ND	0.98	4	9/20/24	18:51	TPH
1,3,5-Trimethylbenzene	ND	0.20		ND	0.98	4	9/20/24	18:51	TPH
Vinyl Acetate	ND	4.0		ND	14	4	9/20/24	18:51	TPH
Vinyl Chloride	ND	0.20		ND	0.51	4	9/20/24	18:51	TPH
m&p-Xylene	ND	0.40		ND	1.7	4	9/20/24	18:51	TPH
o-Xylene	ND	0.20		ND	0.87	4	9/20/24	18:51	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	110	70-130	9/20/24 18:51

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Sample Extraction Data**Prep Method:TO-15 Prep****Analytical Method:EPA TO-15**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
24I2025-01 [SVE Influent]	B386918	1.5	1	N/A	1000	400	15	09/20/24
24I2025-01RE1 [SVE Influent]	B386918	1.5	200	5	1000	400	400	09/20/24
24I2025-02 [SVE Effluent]	B386918	1.5	1	N/A	1000	400	150	09/20/24

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	

Batch B386918 - TO-15 Prep
Blank (B386918-BLK1)

Prepared & Analyzed: 09/20/24

Acetone	ND	1.4
Benzene	ND	0.035
Benzyl chloride	ND	0.035
Bromodichloromethane	ND	0.035
Bromoform	ND	0.035
Bromomethane	ND	0.035
1,3-Butadiene	ND	0.035
2-Butanone (MEK)	ND	1.4
Carbon Disulfide	ND	0.35
Carbon Tetrachloride	ND	0.035
Chlorobenzene	ND	0.035
Chloroethane	ND	0.035
Chloroform	ND	0.035
Chloromethane	ND	0.070
Cyclohexane	ND	0.035
Dibromochloromethane	ND	0.035
1,2-Dibromoethane (EDB)	ND	0.035
1,2-Dichlorobenzene	ND	0.035
1,3-Dichlorobenzene	ND	0.035
1,4-Dichlorobenzene	ND	0.035
Dichlorodifluoromethane (Freon 12)	ND	0.035
1,1-Dichloroethane	ND	0.035
1,2-Dichloroethane	ND	0.035
1,1-Dichloroethylene	ND	0.035
cis-1,2-Dichloroethylene	ND	0.035
trans-1,2-Dichloroethylene	ND	0.035
1,2-Dichloropropane	ND	0.035
cis-1,3-Dichloropropene	ND	0.035
trans-1,3-Dichloropropene	ND	0.035
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035
1,4-Dioxane	ND	0.35
Ethanol	ND	1.4
Ethyl Acetate	ND	0.35
Ethylbenzene	ND	0.035
4-Ethyltoluene	ND	0.035
Heptane	ND	0.035
Hexachlorobutadiene	ND	0.035
Hexane	ND	1.4
2-Hexanone (MBK)	ND	0.035
Isopropanol	ND	1.4
Methyl tert-Butyl Ether (MTBE)	ND	0.035
Methylene Chloride	ND	0.35
4-Methyl-2-pentanone (MIBK)	ND	0.035
Naphthalene	ND	0.035
Propene	ND	1.4
Styrene	ND	0.035

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit	

Batch B386918 - TO-15 Prep
Blank (B386918-BLK1)

Prepared & Analyzed: 09/20/24

1,1,2,2-Tetrachloroethane	ND	0.035
Tetrachloroethylene	ND	0.035
Tetrahydrofuran	ND	0.35
Toluene	ND	0.035
1,2,4-Trichlorobenzene	ND	0.035
1,1,1-Trichloroethane	ND	0.035
1,1,2-Trichloroethane	ND	0.035
Trichloroethylene	ND	0.035
Trichlorofluoromethane (Freon 11)	ND	0.14
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14
1,2,4-Trimethylbenzene	ND	0.035
1,3,5-Trimethylbenzene	ND	0.035
Vinyl Acetate	ND	0.70
Vinyl Chloride	ND	0.035
m&p-Xylene	ND	0.070
o-Xylene	ND	0.035

Surrogate: 4-Bromofluorobenzene (1) 8.96 8.000 112 70-130

LCS (B386918-BS1)

Prepared & Analyzed: 09/20/24

Acetone	4.95	5.000	99.0	70-130	L-01
Benzene	4.75	5.000	95.0	70-130	
Benzyl chloride	6.72	5.000	134 *	70-130	
Bromodichloromethane	4.61	5.000	92.2	70-130	
Bromoform	6.14	5.000	123	70-130	
Bromomethane	4.55	5.000	91.0	70-130	L-01
1,3-Butadiene	4.95	5.000	99.0	70-130	
2-Butanone (MEK)	4.93	5.000	98.6	70-130	
Carbon Disulfide	4.83	5.000	96.6	70-130	
Carbon Tetrachloride	5.04	5.000	101	70-130	
Chlorobenzene	4.76	5.000	95.2	70-130	
Chloroethane	4.53	5.000	90.6	70-130	
Chloroform	4.81	5.000	96.2	70-130	
Chloromethane	4.90	5.000	98.0	70-130	
Cyclohexane	5.03	5.000	101	70-130	
Dibromochloromethane	5.16	5.000	103	70-130	
1,2-Dibromoethane (EDB)	4.70	5.000	94.0	70-130	
1,2-Dichlorobenzene	6.41	5.000	128	70-130	
1,3-Dichlorobenzene	6.55	5.000	131 *	70-130	
1,4-Dichlorobenzene	6.40	5.000	128	70-130	
Dichlorodifluoromethane (Freon 12)	5.42	5.000	108	70-130	L-01
1,1-Dichloroethane	4.61	5.000	92.2	70-130	
1,2-Dichloroethane	5.09	5.000	102	70-130	
1,1-Dichloroethylene	5.03	5.000	101	70-130	
cis-1,2-Dichloroethylene	5.03	5.000	101	70-130	
trans-1,2-Dichloroethylene	4.90	5.000	98.0	70-130	L-01
1,2-Dichloropropane	4.20	5.000	84.0	70-130	

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B386918 - TO-15 Prep											
LCS (B386918-BS1)					Prepared & Analyzed: 09/20/24						
cis-1,3-Dichloropropene	4.93				5.000		98.6	70-130			
trans-1,3-Dichloropropene	5.76				5.000		115	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.85				5.000		97.0	70-130			
1,4-Dioxane	5.62				5.000		112	70-130			
Ethanol	6.95				5.000		139	* 70-130			L-05
Ethyl Acetate	4.96				5.000		99.2	70-130			
Ethylbenzene	5.42				5.000		108	70-130			
4-Ethyltoluene	6.34				5.000		127	70-130			
Heptane	5.31				5.000		106	70-130			
Hexachlorobutadiene	7.14				5.000		143	* 70-130			L-01
Hexane	5.37				5.000		107	70-130			
2-Hexanone (MBK)	5.72				5.000		114	70-130			
Isopropanol	4.63				5.000		92.6	70-130			
Methyl tert-Butyl Ether (MTBE)	5.25				5.000		105	70-130			
Methylene Chloride	4.35				5.000		87.0	70-130			
4-Methyl-2-pentanone (MIBK)	5.51				5.000		110	70-130			
Naphthalene	6.47				5.000		129	70-130			
Propene	6.27				5.000		125	70-130			V-20
Styrene	5.87				5.000		117	70-130			
1,1,2,2-Tetrachloroethane	5.00				5.000		100	70-130			
Tetrachloroethylene	5.27				5.000		105	70-130			
Tetrahydrofuran	5.98				5.000		120	70-130			
Toluene	5.18				5.000		104	70-130			
1,2,4-Trichlorobenzene	7.56				5.000		151	* 70-130			L-01
1,1,1-Trichloroethane	4.74				5.000		94.8	70-130			
1,1,2-Trichloroethane	4.51				5.000		90.2	70-130			
Trichloroethylene	4.83				5.000		96.6	70-130			
Trichlorofluoromethane (Freon 11)	5.28				5.000		106	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.80				5.000		96.0	70-130			
1,2,4-Trimethylbenzene	6.47				5.000		129	70-130			
1,3,5-Trimethylbenzene	6.16				5.000		123	70-130			
Vinyl Acetate	4.15				5.000		83.0	70-130			
Vinyl Chloride	4.88				5.000		97.6	70-130			
m&p-Xylene	11.9				10.00		119	70-130			
o-Xylene	5.62				5.000		112	70-130			
Surrogate: 4-Bromofluorobenzene (1)	9.22				8.000		115	70-130			

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result		Limits		Limit	
Batch B386918 - TO-15 Prep											
Duplicate (B386918-DUP1)		Source: 2412025-02				Prepared & Analyzed: 09/20/24					
Acetone	16	8.0	37	19		15			3.19	25	
Benzene	ND	0.20	ND	0.64		ND				25	
Benzyl chloride	ND	0.20	ND	1.0		ND				25	
Bromodichloromethane	ND	0.20	ND	1.3		ND				25	
Bromoform	ND	0.20	ND	2.1		ND				25	
Bromomethane	ND	0.20	ND	0.78		ND				25	
1,3-Butadiene	ND	0.20	ND	0.44		ND				25	
2-Butanone (MEK)	ND	8.0	ND	24		ND				25	
Carbon Disulfide	ND	2.0	ND	6.2		ND				25	
Carbon Tetrachloride	ND	0.20	ND	1.3		ND				25	
Chlorobenzene	ND	0.20	ND	0.92		ND				25	
Chloroethane	ND	0.20	ND	0.53		ND				25	
Chloroform	ND	0.20	ND	0.98		ND				25	
Chloromethane	ND	0.40	ND	0.83		ND				25	
Cyclohexane	ND	0.20	ND	0.69		ND				25	
Dibromochloromethane	ND	0.20	ND	1.7		ND				25	
1,2-Dibromoethane (EDB)	ND	0.20	ND	1.5		ND				25	
1,2-Dichlorobenzene	ND	0.20	ND	1.2		ND				25	
1,3-Dichlorobenzene	ND	0.20	ND	1.2		ND				25	
1,4-Dichlorobenzene	ND	0.20	ND	1.2		ND				25	
Dichlorodifluoromethane (Freon 12)	0.44	0.20	2.2	0.99		0.42			4.65	25	
1,1-Dichloroethane	ND	0.20	ND	0.81		ND				25	
1,2-Dichloroethane	ND	0.20	ND	0.81		ND				25	
1,1-Dichloroethylene	ND	0.20	ND	0.79		ND				25	
cis-1,2-Dichloroethylene	51	0.20	200	0.79		48			6.07	25	
trans-1,2-Dichloroethylene	0.51	0.20	2.0	0.79		0.50			3.17	25	
1,2-Dichloropropane	ND	0.20	ND	0.92		ND				25	
cis-1,3-Dichloropropene	ND	0.20	ND	0.91		ND				25	
trans-1,3-Dichloropropene	ND	0.20	ND	0.91		ND				25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20	ND	1.4		ND				25	
1,4-Dioxane	ND	2.0	ND	7.2		ND				25	
Ethanol	11	8.0	20	15		11			0.978	25	L-05
Ethyl Acetate	ND	2.0	ND	7.2		ND				25	
Ethylbenzene	ND	0.20	ND	0.87		ND				25	
4-Ethyltoluene	ND	0.20	ND	0.98		ND				25	
Heptane	ND	0.20	ND	0.82		ND				25	
Hexachlorobutadiene	ND	0.20	ND	2.1		ND				25	
Hexane	ND	8.0	ND	28		ND				25	
2-Hexanone (MBK)	ND	0.20	ND	0.82		ND				25	
Isopropanol	ND	8.0	ND	20		ND				25	
Methyl tert-Butyl Ether (MTBE)	ND	0.20	ND	0.72		ND				25	
Methylene Chloride	ND	2.0	ND	6.9		ND				25	
4-Methyl-2-pentanone (MIBK)	ND	0.20	ND	0.82		ND				25	
Naphthalene	ND	0.20	ND	1.0		ND				25	
Propene	ND	8.0	ND	14		ND				25	
Styrene	ND	0.20	ND	0.85		ND				25	

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QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result		Limits		Limit	
Batch B386918 - TO-15 Prep											
Duplicate (B386918-DUP1)	Source: 2412025-02				Prepared & Analyzed: 09/20/24						
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4		ND				25	
Tetrachloroethylene	0.69	0.20	4.7	1.4		0.66			3.55	25	
Tetrahydrofuran	ND	2.0	ND	5.9		ND				25	
Toluene	ND	0.20	ND	0.75		ND				25	
1,2,4-Trichlorobenzene	ND	0.20	ND	1.5		ND				25	
1,1,1-Trichloroethane	ND	0.20	ND	1.1		ND				25	
1,1,2-Trichloroethane	ND	0.20	ND	1.1		ND				25	
Trichloroethylene	0.56	0.20	3.0	1.1		0.58			2.82	25	
Trichlorofluoromethane (Freon 11)	0.60	0.80	3.3	4.5		0.60			0.669	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.80	ND	6.1		ND				25	
1,2,4-Trimethylbenzene	ND	0.20	ND	0.98		ND				25	
1,3,5-Trimethylbenzene	ND	0.20	ND	0.98		ND				25	
Vinyl Acetate	ND	4.0	ND	14		ND				25	
Vinyl Chloride	ND	0.20	ND	0.51		ND				25	
m&p-Xylene	ND	0.40	ND	1.7		ND				25	
o-Xylene	ND	0.20	ND	0.87		ND				25	
Surrogate: 4-Bromofluorobenzene (1)	8.94				8.000		112	70-130			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S100759-ICV1)			Lab File ID: G24A052016.D			Analyzed: 02/22/24 03:53			
Bromochloromethane (1)	585119	8.024	623550	8.03	94	60 - 140	-0.0060	+/-0.50	
1,4-Difluorobenzene (1)	1633998	9.792	1640491	9.798	100	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	1489687	14.151	1505348	14.151	99	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S110917-CCV1)			Lab File ID: G24A264005.D			Analyzed: 09/20/24 12:42			
Bromochloromethane (1)	430476	8.024				60 - 140		+/-0.50	
1,4-Difluorobenzene (1)	1161780	9.791				60 - 140		+/-0.50	
Chlorobenzene-d5 (1)	1052508	14.144				60 - 140		+/-0.50	
LCS (B386918-BS1)			Lab File ID: G24A264006.D			Analyzed: 09/20/24 13:21			
Bromochloromethane (1)	424190	8.024	430476	8.024	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1135170	9.792	1161780	9.791	98	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1047408	14.145	1052508	14.144	100	60 - 140	0.0010	+/-0.50	
Blank (B386918-BLK1)			Lab File ID: G24A264011.D			Analyzed: 09/20/24 16:52			
Bromochloromethane (1)	443647	8.024	430476	8.024	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1106211	9.792	1161780	9.791	95	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1013766	14.145	1052508	14.144	96	60 - 140	0.0010	+/-0.50	
SVE Effluent (24I2025-02)			Lab File ID: G24A264014.D			Analyzed: 09/20/24 18:51			
Bromochloromethane (1)	433780	8.024	430476	8.024	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1091073	9.792	1161780	9.791	94	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1008795	14.144	1052508	14.144	96	60 - 140	0.0000	+/-0.50	
Duplicate (B386918-DUP1)			Lab File ID: G24A264015.D			Analyzed: 09/20/24 19:31			
Bromochloromethane (1)	430928	8.024	430476	8.024	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1079448	9.792	1161780	9.791	93	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1017874	14.144	1052508	14.144	97	60 - 140	0.0000	+/-0.50	
SVE Influent (24I2025-01)			Lab File ID: G24A264016.D			Analyzed: 09/20/24 20:10			
Bromochloromethane (1)	427772	8.024	430476	8.024	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1080126	9.792	1161780	9.791	93	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1014667	14.144	1052508	14.144	96	60 - 140	0.0000	+/-0.50	
SVE Influent (24I2025-01RE1)			Lab File ID: G24A264017.D			Analyzed: 09/20/24 20:58			
Bromochloromethane (1)	432419	8.024	430476	8.024	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1074951	9.792	1161780	9.791	93	60 - 140	0.0010	+/-0.50	
Chlorobenzene-d5 (1)	1012863	14.144	1052508	14.144	96	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S110917-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.000	4.87	0.9216919	0.8974846		-2.6	30
Benzene	A	5.000	4.90	0.7757931	0.760491		-2.0	30
Benzyl chloride	A	5.000	5.11	0.8012188	0.8187225		2.2	30
Bromodichloromethane	A	5.000	4.73	0.5972854	0.5648946		-5.4	30
Bromoform	A	5.000	5.60	0.5431069	0.6081793		12.0	30
Bromomethane	A	5.000	4.95	0.6203018	0.6141927		-1.0	30
1,3-Butadiene	A	5.000	5.49	0.4860299	0.5338277		9.8	30
2-Butanone (MEK)	A	5.000	4.70	1.307545	1.229801		-5.9	30
Carbon Disulfide	A	5.000	4.91	1.793354	1.760897		-1.8	30
Carbon Tetrachloride	A	5.000	5.25	0.5009138	0.5264377		5.1	30
Chlorobenzene	A	5.000	4.63	0.7877083	0.7293664		-7.4	30
Chloroethane	A	5.000	4.92	0.3086236	0.3034743		-1.7	30
Chloroform	A	5.000	4.93	1.440028	1.418634		-1.5	30
Chloromethane	A	5.000	5.63	0.6785563	0.7641848		12.6	30
Cyclohexane	A	5.000	4.98	0.296063	0.2950782		-0.3	30
Dibromochloromethane	A	5.000	5.09	0.5948494	0.6050341		1.7	30
1,2-Dibromoethane (EDB)	A	5.000	4.73	0.5490928	0.5189038		-5.5	30
1,2-Dichlorobenzene	A	5.000	5.06	0.6148508	0.6220616		1.2	30
1,3-Dichlorobenzene	A	5.000	5.29	0.6611977	0.7001608		5.9	30
1,4-Dichlorobenzene	A	5.000	5.15	0.659745	0.6796444		3.0	30
Dichlorodifluoromethane (Freon 12)	A	5.000	6.19	1.540128	1.90757		23.9	30
1,1-Dichloroethane	A	5.000	4.82	1.265892	1.220844		-3.6	30
1,2-Dichloroethane	A	5.000	5.16	0.9188488	0.9490555		3.3	30
1,1-Dichloroethylene	A	5.000	5.16	1.038377	1.071246		3.2	30
cis-1,2-Dichloroethylene	A	5.000	5.15	0.8839679	0.9100623		3.0	30
trans-1,2-Dichloroethylene	A	5.000	5.06	0.9232199	0.9341287		1.2	30
1,2-Dichloropropane	A	5.000	4.16	0.3333104	0.2775369		-16.7	30
cis-1,3-Dichloropropene	A	5.000	5.10	0.4594519	0.4688736		2.1	30
trans-1,3-Dichloropropene	A	5.000	5.17	0.3477882	0.3595104		3.4	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	A	5.000	5.77	1.79331	2.070984		15.5	30
1,4-Dioxane	A	5.000	4.44	0.131917	0.1171623		-11.2	30
Ethanol	A	5.000	5.05	0.1423735	0.1437293		1.0	30
Ethyl Acetate	A	5.000	4.99	0.2078516	0.2073166		-0.3	30
Ethylbenzene	A	5.000	5.29	1.210014	1.281132		5.9	30
4-Ethyltoluene	A	5.000	5.51	1.170771	1.290096		10.2	30
Heptane	A	5.000	5.26	0.2240404	0.2356591		5.2	30
Hexachlorobutadiene	A	5.000	4.88	0.4331593	0.4229152		-2.4	30
Hexane	A	5.000	5.42	0.7371137	0.7984352		8.3	30

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CONTINUING CALIBRATION CHECK

EPA TO-15

S110917-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.000	5.08	0.5675055	0.5766873		1.6	30
Isopropanol	A	5.000	4.00	1.134222	0.9083823		-19.9	30
Methyl tert-Butyl Ether (MTBE)	A	5.000	5.32	1.627031	1.731523		6.4	30
Methylene Chloride	A	5.000	4.45	0.8346046	0.7433334		-10.9	30
4-Methyl-2-pentanone (MIBK)	A	5.000	5.16	0.576217	0.5942261		3.1	30
Naphthalene	A	5.000	4.10	0.8996755	0.737808		-18.0	30
Propene	A	5.000	7.11	0.6397137	0.9090737		42.1	30 *
Styrene	A	5.000	5.35	0.6589064	0.705451		7.1	30
1,1,2,2-Tetrachloroethane	A	5.000	4.33	0.8156315	0.7061259		-13.4	30
Tetrachloroethylene	A	5.000	5.40	0.4489411	0.4845751		7.9	30
Tetrahydrofuran	A	5.000	5.31	0.2367759	0.2513274		6.1	30
Toluene	A	5.000	5.18	0.94549	0.9803418		3.7	30
1,2,4-Trichlorobenzene	A	5.000	4.76	0.4300223	0.4089691		-4.9	30
1,1,1-Trichloroethane	A	5.000	5.00	0.5145077	0.5141669		-0.07	30
1,1,2-Trichloroethane	A	5.000	4.67	0.3592603	0.335514		-6.6	30
Trichloroethylene	A	5.000	4.78	0.3396411	0.3247596		-4.4	30
Trichlorofluoromethane (Freon 11)	A	5.000	5.61	1.463792	1.640967		12.1	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.000	5.04	1.317023	1.326769		0.7	30
1,2,4-Trimethylbenzene	A	5.000	5.50	0.9566545	1.052841		10.1	30
1,3,5-Trimethylbenzene	A	5.000	5.38	0.9998111	1.075104		7.5	30
Vinyl Acetate	A	5.000	4.42	1.753198	1.548827		-11.7	30
Vinyl Chloride	A	5.000	5.45	0.6934505	0.7565318		9.1	30
m&p-Xylene	A	10.00	11.3	0.9256934	1.049303		13.4	30
o-Xylene	A	5.000	5.34	0.9487578	1.013261		6.8	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
Acetone	NY,ME,NH
Benzene	FL,NJ,NY,ME,NH,VA
Benzyl chloride	FL,NJ,NY,ME,NH,VA
Bromodichloromethane	NJ,NY,ME,NH,VA
Bromoform	NJ,NY,ME,NH,VA
Bromomethane	FL,NJ,NY,ME,NH
1,3-Butadiene	NJ,NY,ME,NH,VA
2-Butanone (MEK)	FL,NJ,NY,ME,NH,VA
Carbon Disulfide	NJ,NY,ME,NH,VA
Carbon Tetrachloride	FL,NJ,NY,ME,NH,VA
Chlorobenzene	FL,NJ,NY,ME,NH,VA
Chloroethane	FL,NJ,NY,ME,NH,VA
Chloroform	FL,NJ,NY,ME,NH,VA
Chloromethane	FL,NJ,NY,ME,NH,VA
Cyclohexane	NJ,NY,ME,NH,VA
Dibromochloromethane	NY,ME,NH
1,2-Dibromoethane (EDB)	NJ,NY,ME,NH
1,2-Dichlorobenzene	FL,NJ,NY,ME,NH,VA
1,3-Dichlorobenzene	NJ,NY,ME,NH
1,4-Dichlorobenzene	FL,NJ,NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH
1,1-Dichloroethane	FL,NJ,NY,ME,NH,VA
1,2-Dichloroethane	FL,NJ,NY,ME,NH,VA
1,1-Dichloroethylene	FL,NJ,NY,ME,NH,VA
cis-1,2-Dichloroethylene	FL,NY,ME,NH,VA
trans-1,2-Dichloroethylene	NJ,NY,ME,NH,VA
1,2-Dichloropropane	FL,NJ,NY,ME,NH,VA
cis-1,3-Dichloropropene	FL,NJ,NY,ME,NH,VA
trans-1,3-Dichloropropene	NY,ME,NH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	NJ,NY,ME,NH,VA
1,4-Dioxane	NJ,NY,ME,NH,VA
Ethylbenzene	FL,NJ,NY,ME,NH,VA
Heptane	NJ,NY,ME,NH,VA
Hexachlorobutadiene	NJ,NY,ME,NH,VA
Hexane	FL,NJ,NY,ME,NH,VA
Isopropanol	NY,ME,NH
Methyl tert-Butyl Ether (MTBE)	FL,NJ,NY,ME,NH,VA
Methylene Chloride	FL,NJ,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	FL,NJ,NY,ME,NH
Naphthalene	NY,ME,NH
Styrene	FL,NJ,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	FL,NJ,NY,ME,NH,VA
Tetrachloroethylene	FL,NJ,NY,ME,NH,VA
Toluene	FL,NJ,NY,ME,NH,VA
1,2,4-Trichlorobenzene	NJ,NY,ME,NH,VA
1,1,1-Trichloroethane	FL,NJ,NY,ME,NH,VA
1,1,2-Trichloroethane	FL,NJ,NY,ME,NH,VA

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
Trichloroethylene	FL,NJ,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	NY,ME,NH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NJ,NY,ME,NH,VA
1,2,4-Trimethylbenzene	NJ,NY,ME,NH
1,3,5-Trimethylbenzene	NJ,NY,ME,NH
Vinyl Acetate	FL,NJ,NY,ME,NH,VA
Vinyl Chloride	FL,NJ,NY,ME,NH,VA
m&p-Xylene	FL,NJ,NY,ME,NH,VA
o-Xylene	FL,NJ,NY,ME,NH,VA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2025
FL	Florida Department of Health	E871027 NELAP	06/30/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

ENV-FRM-CORQ-0020 v02 110123 ©

	DC#_Title: ENV-FRM-ELON-0009 v04_Air Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client EnviroTRAC
 Project Frost St. OUI
 MCP/RCP Required —
 Deliverable Package Requirement —
 Location NY
 PWSID# (When Applicable) —
 Arrival Method Courier
 Received By / Date / Time KMC 9/17/24 08:14
 Back-Sheet By / Date / Time KMC 9/17/24 08:42
 Temperature Method — # —
 Temp $\leq 6^{\circ}\text{C}$ Actual Temperature —
 Rush Samples: Yes / No Notify —
 Short Hold: Yes / No Notify —

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
 Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☐	☒
Received in Cooler	☐	☒
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Individually Certified Cans	☐	☒
Trip Blanks	☐	☒
COC Legible	☒	☐
COC Included: (Check all included)		
Client ☒	Analysis ☒	Sampler Name ☒
Project ☒	IDs ☒	Collection Date/Time ☒

Container	#	Size	Regulator	Duration	Accessories		
Summa Cans	2	3L	2	15min	Nut/Ferrule		IC Train
Tedlar Bags					Tubing		
TO-17 Tubes					T-Connector		Shipping Charges
Radiello					Syringe		
Pufs/ TO-11					Tedlar		

Can #'s	5	10	15	Regs #'s	5	10	15
1 2284	6	11	16	1 4596	6	11	16
2 2085	7	12	17	2 4595	7	12	17
3	8	13	18	3	8	13	18
4	9	14	19	4	9	14	19
Unused Media	4	9	14	Pufs/TO-17's	5	10	15
1	5	10	15	1	6	11	16
2	6	11	16	2	7	12	17
3	7	12	17	3	8	13	18
4	8	13	18	4	9	14	19

Appendix C
Groundwater Extraction Well Sampling
Quarterly Results



Wednesday, October 02, 2024

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

Project ID: FROST STREET-OU2
SDG ID: GCR74437
Sample ID#s: CR74437 - CR74440

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

October 02, 2024

SDG I.D.: GCR74437

Project ID: FROST STREET-OU2

Client Id	Lab Id	Matrix
EX-1A	CR74437	GROUND WATER
EX-1B	CR74438	GROUND WATER
EX-1C	CR74439	GROUND WATER
EX-1D	CR74440	GROUND WATER



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



Analysis Report

October 02, 2024

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

09/27/24
09/27/24

Time

9:00
17:35

Laboratory Data

SDG ID: GCR74437
Phoenix ID: CR74437

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

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	09/30/24	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	09/30/24	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
cis-1,2-Dichloroethene	1.6	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/24	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	09/30/24	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	09/30/24	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	09/30/24	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	09/30/24	MH	E624.1
Tetrachloroethene	34	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/30/24	MH	E624.1
Trichloroethene	2.7	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	09/30/24	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	09/30/24	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	09/30/24	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	09/30/24	MH	70 - 130 %
% Toluene-d8	96			%	1	09/30/24	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

October 02, 2024

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

October 02, 2024

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

09/27/24
09/27/24

Time

9:03
17:35

Laboratory Data

SDG ID: GCR74437
Phoenix ID: CR74438

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

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	09/28/24	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	09/28/24	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
cis-1,2-Dichloroethene	15	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/28/24	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	09/28/24	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	09/28/24	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	09/28/24	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	09/28/24	MH	E624.1
Tetrachloroethene	95	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/28/24	MH	E624.1
Trichloroethene	5.8	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	09/28/24	MH	70 - 130 %
% Bromofluorobenzene	90			%	1	09/28/24	MH	70 - 130 %
% Dibromofluoromethane	91			%	1	09/28/24	MH	70 - 130 %
% Toluene-d8	95			%	1	09/28/24	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

October 02, 2024

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

October 02, 2024

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

09/27/24
09/27/24

Time

9:06
17:35

Laboratory Data

SDG ID: GCR74437
Phoenix ID: CR74439

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1-Dichloroethene	0.70	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	09/28/24	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
cis-1,2-Dichloroethene	0.92	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/28/24	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	09/28/24	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	09/28/24	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	09/28/24	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	09/28/24	MH	E624.1
Tetrachloroethene	22	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/28/24	MH	E624.1
Trichloroethene	2.4	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	09/28/24	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	09/28/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	09/28/24	MH	70 - 130 %
% Toluene-d8	89			%	1	09/28/24	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

October 02, 2024

Reviewed and Released by: Anil Makol, Project Manager



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



Analysis Report

October 02, 2024

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

09/27/24
09/27/24

Time

9:09
17:35

Laboratory Data

SDG ID: GCR74437
Phoenix ID: CR74440

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	1.1	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1-Dichloroethane	0.75	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,1-Dichloroethene	8.4	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	09/28/24	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloroform	1.7	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
cis-1,2-Dichloroethene	4.1	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/28/24	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Isopropylbenzene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	09/28/24	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	09/28/24	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	09/28/24	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	09/28/24	MH	E624.1
Tetrachloroethene	77	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	09/28/24	MH	E624.1
Trichloroethene	21	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	09/28/24	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	09/28/24	MH	70 - 130 %
% Bromofluorobenzene	88			%	1	09/28/24	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	09/28/24	MH	70 - 130 %
% Toluene-d8	89			%	1	09/28/24	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

October 02, 2024

Reviewed and Released by: Anil Makol, Project Manager



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



QA/QC Report

October 02, 2024

QA/QC Data

SDG I.D.: GCR74437

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 751323 (ug/L), QC Sample No: CR73488 (CR74438, CR74439, CR74440)										
Volatiles - Ground Water										
1,1,1-Trichloroethane	ND	1.0	87	89	2.3	89	103	14.6	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	105	105	0.0	109	122	11.3	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	89	96	7.6	95	109	13.7	71 - 129	20
1,1-Dichloroethane	ND	1.0	92	96	4.3	92	105	13.2	72 - 128	20
1,1-Dichloroethene	ND	1.0	82	87	5.9	82	100	19.8	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	99	98	1.0	102	109	6.6	63 - 137	20
1,2-Dichloroethane	ND	1.0	91	93	2.2	97	104	7.0	68 - 132	20
1,2-Dichloropropane	ND	1.0	93	99	6.3	95	108	12.8	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	98	98	0.0	101	109	7.6	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	102	100	2.0	100	112	11.3	63 - 137	20
Benzene	ND	0.70	93	95	2.1	96	103	7.0	64 - 136	20
Bromodichloromethane	ND	0.50	90	95	5.4	92	105	13.2	65 - 135	20
Bromoform	ND	1.0	106	107	0.9	106	125	16.5	71 - 129	20
Bromomethane	ND	1.0	69	81	16.0	48	76	45.2	40 - 160	20 r
Carbon Disulfide	ND	1.0	86	89	3.4	82	98	17.8	70 - 130	30
Carbon tetrachloride	ND	1.0	88	91	3.4	88	104	16.7	73 - 127	20
Chlorobenzene	ND	1.0	100	101	1.0	100	113	12.2	66 - 134	20
Chloroethane	ND	1.0	88	95	7.7	87	103	16.8	40 - 160	20
Chloroform	ND	1.0	91	96	5.3	93	106	13.1	67 - 133	20
Chloromethane	ND	1.0	90	97	7.5	82	107	26.5	40 - 160	20 r
cis-1,2-Dichloroethene	ND	1.0	91	95	4.3	89	102	13.6	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	91	99	8.4	90	106	16.3	40 - 160	20
Dibromochloromethane	ND	0.50	108	111	2.7	108	125	14.6	67 - 133	20
Ethylbenzene	ND	1.0	99	101	2.0	100	113	12.2	59 - 141	20
Isopropylbenzene	ND	1.0	99	100	1.0	97	111	13.5	70 - 130	30
m&p-Xylene	ND	1.0	99	103	4.0	100	114	13.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	90	95	5.4	89	108	19.3	70 - 130	30
Methylene chloride	ND	1.0	91	95	4.3	91	104	13.3	60 - 140	20
Naphthalene	ND	1.0	115	114	0.9	118	138	15.6	70 - 130	30 m
o-Xylene	ND	1.0	104	105	1.0	103	118	13.6	70 - 130	30
Tetrachloroethene	ND	1.0	84	91	8.0	87	101	14.9	73 - 127	20
Toluene	ND	1.0	90	97	7.5	92	108	16.0	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	88	96	8.7	87	104	17.8	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	92	97	5.3	88	106	18.6	50 - 150	20
Trichloroethene	ND	1.0	96	95	1.0	96	107	10.8	66 - 134	20
Trichlorofluoromethane	ND	1.0	73	78	6.6	74	84	12.7	48 - 152	20
Vinyl chloride	ND	1.0	78	85	8.6	75	94	22.5	40 - 160	20 r
% 1,2-dichlorobenzene-d4	101	%	101	101	0.0	100	101	1.0	70 - 130	30
% Bromofluorobenzene	94	%	98	98	0.0	98	98	0.0	70 - 130	30
% Dibromofluoromethane	94	%	93	95	2.1	92	100	8.3	70 - 130	30
% Toluene-d8	96	%	90	95	5.4	92	96	4.3	70 - 130	30

QA/QC Data

SDG I.D.: GCR74437

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
A blank MS/MSD was analyzed with this batch.										
QA/QC Batch 751557 (ug/L), QC Sample No: CR74437 (CR74437)										
<u>Volatiles - Ground Water</u>										
1,1,1-Trichloroethane	ND	1.0	98	100	2.0	103	106	2.9	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	104	112	7.4	107	111	3.7	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	101	101	0.0	103	96	7.0	71 - 129	20
1,1-Dichloroethane	ND	1.0	95	96	1.0	102	104	1.9	72 - 128	20
1,1-Dichloroethene	ND	1.0	95	94	1.1	99	103	4.0	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	99	103	4.0	102	104	1.9	63 - 137	20
1,2-Dichloroethane	ND	1.0	104	102	1.9	100	97	3.0	68 - 132	20
1,2-Dichloropropane	ND	1.0	104	103	1.0	103	102	1.0	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	103	104	1.0	105	104	1.0	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	104	106	1.9	106	108	1.9	63 - 137	20
Benzene	ND	0.70	106	105	0.9	106	100	5.8	64 - 136	20
Bromodichloromethane	ND	0.50	104	104	0.0	102	97	5.0	65 - 135	20
Bromoform	ND	1.0	120	124	3.3	105	113	7.3	71 - 129	20
Bromomethane	ND	1.0	77	81	5.1	69	81	16.0	40 - 160	20
Carbon Disulfide	ND	1.0	96	96	0.0	98	104	5.9	70 - 130	30
Carbon tetrachloride	ND	1.0	101	104	2.9	104	108	3.8	73 - 127	20
Chlorobenzene	ND	1.0	103	105	1.9	106	108	1.9	66 - 134	20
Chloroethane	ND	1.0	96	93	3.2	99	104	4.9	40 - 160	20
Chloroform	ND	1.0	93	97	4.2	101	102	1.0	67 - 133	20
Chloromethane	ND	1.0	101	104	2.9	98	114	15.1	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	92	98	6.3	95	104	9.0	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	110	110	0.0	102	97	5.0	40 - 160	20
Dibromochloromethane	ND	0.50	116	120	3.4	110	114	3.6	67 - 133	20
Ethylbenzene	ND	1.0	105	108	2.8	106	109	2.8	59 - 141	20
Isopropylbenzene	ND	1.0	105	109	3.7	104	108	3.8	70 - 130	30
m&p-Xylene	ND	1.0	103	106	2.9	107	109	1.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	98	1.0	98	102	4.0	70 - 130	30
Methylene chloride	ND	1.0	94	93	1.1	100	102	2.0	60 - 140	20
Naphthalene	ND	1.0	120	131	8.8	116	122	5.0	70 - 130	30
o-Xylene	ND	1.0	107	108	0.9	106	113	6.4	70 - 130	30
Tetrachloroethene	ND	1.0	103	104	1.0	100	100	0.0	73 - 127	20
Toluene	ND	1.0	101	103	2.0	105	100	4.9	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	92	96	4.3	101	106	4.8	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	109	110	0.9	98	94	4.2	50 - 150	20
Trichloroethene	ND	1.0	102	103	1.0	101	103	2.0	66 - 134	20
Trichlorofluoromethane	ND	1.0	89	91	2.2	96	95	1.0	48 - 152	20
Vinyl chloride	ND	1.0	91	95	4.3	97	104	7.0	40 - 160	20
% 1,2-dichlorobenzene-d4	103	%	100	102	2.0	103	104	1.0	70 - 130	30
% Bromofluorobenzene	91	%	99	98	1.0	98	99	1.0	70 - 130	30
% Dibromofluoromethane	95	%	94	94	0.0	100	99	1.0	70 - 130	30
% Toluene-d8	87	%	97	99	2.0	99	92	7.3	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

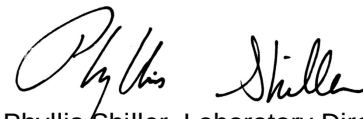
QA/QC Data

SDG I.D.: GCR74437

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
October 02, 2024

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCR74437 - 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.
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Analysis Comments

October 02, 2024

SDG I.D.: GCR74437

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



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NY Temperature Narration

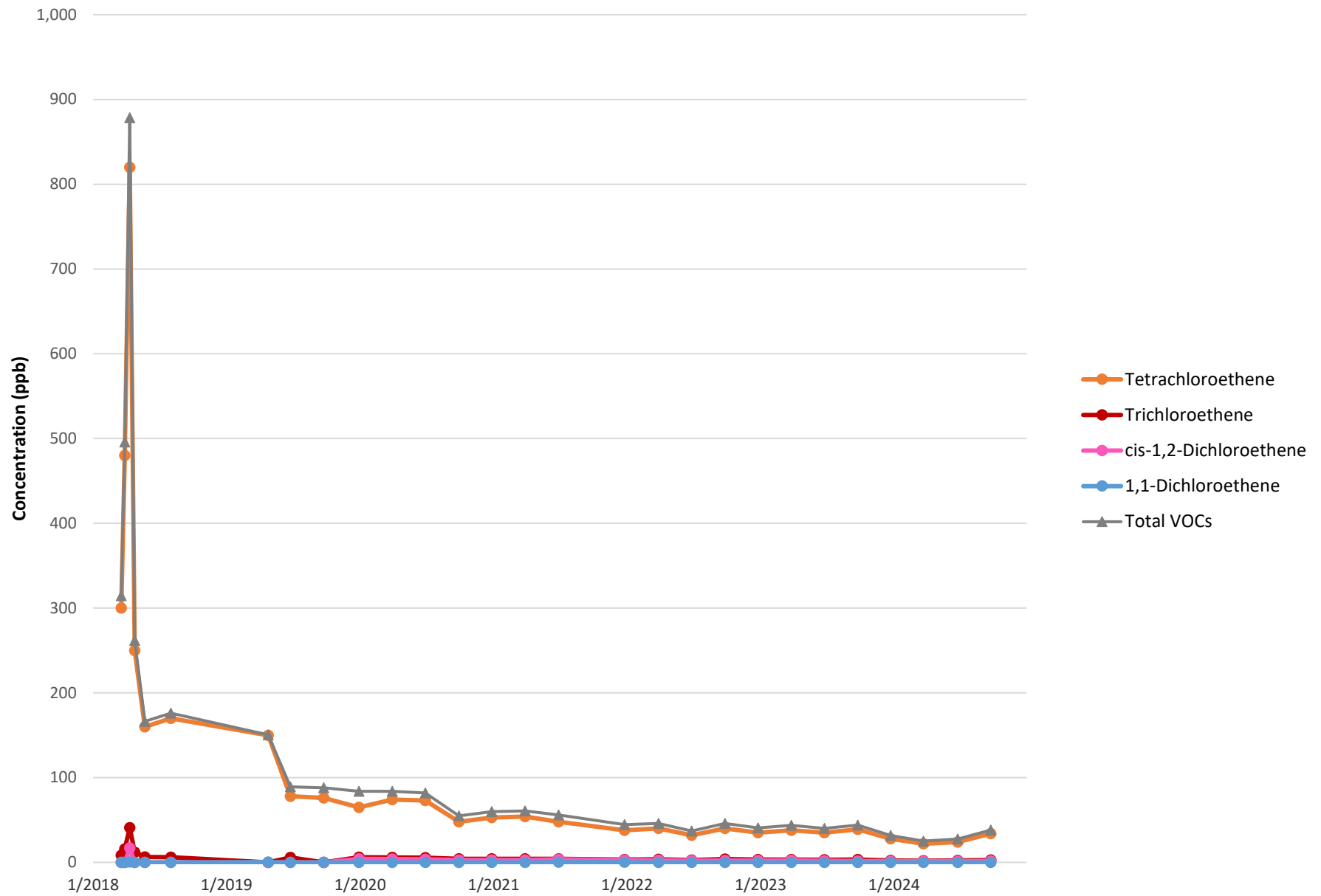
October 02, 2024

SDG I.D.: GCR74437

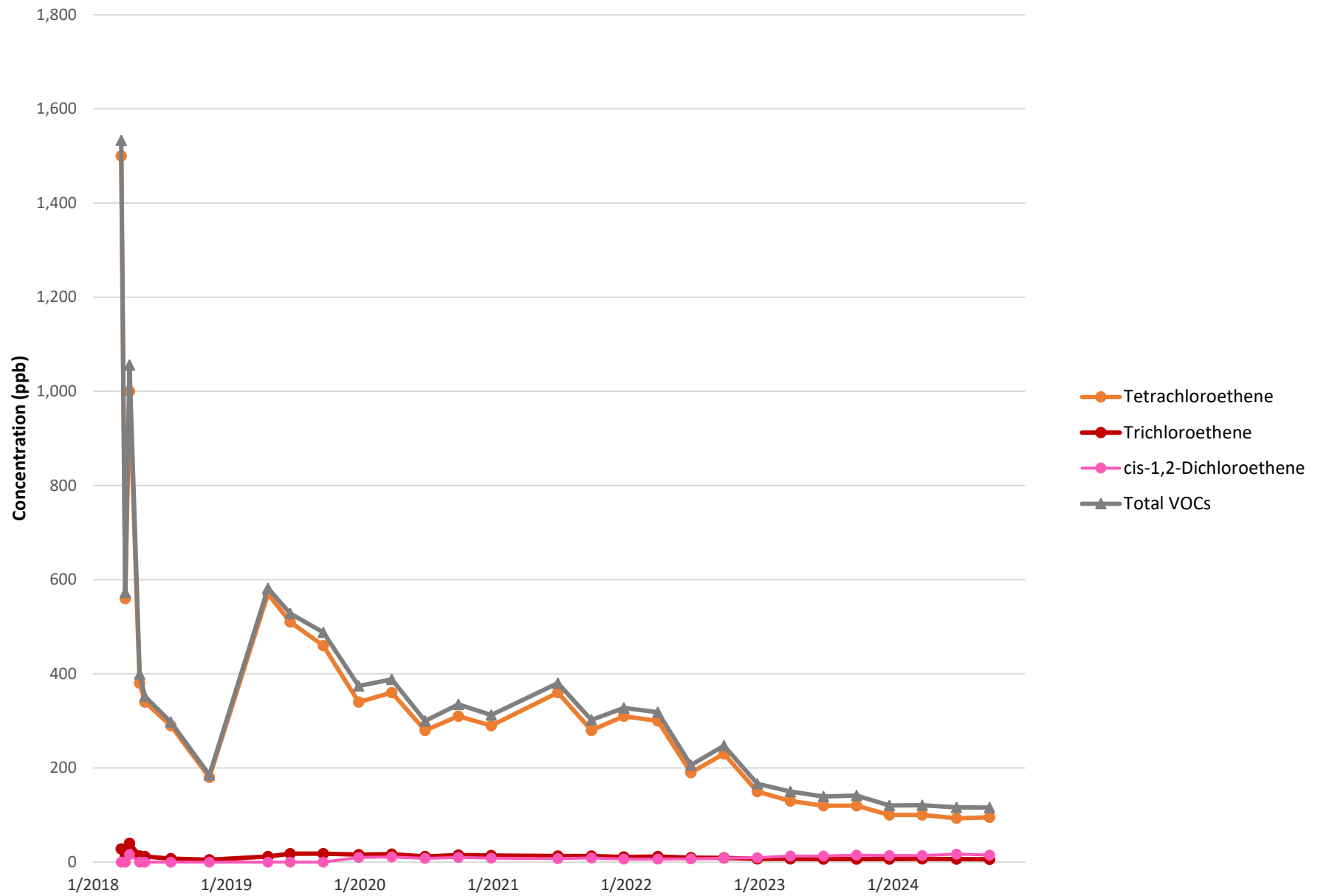
The samples in this delivery group were received at 2.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Appendix D
Groundwater Extraction Well Sampling
Historical Results

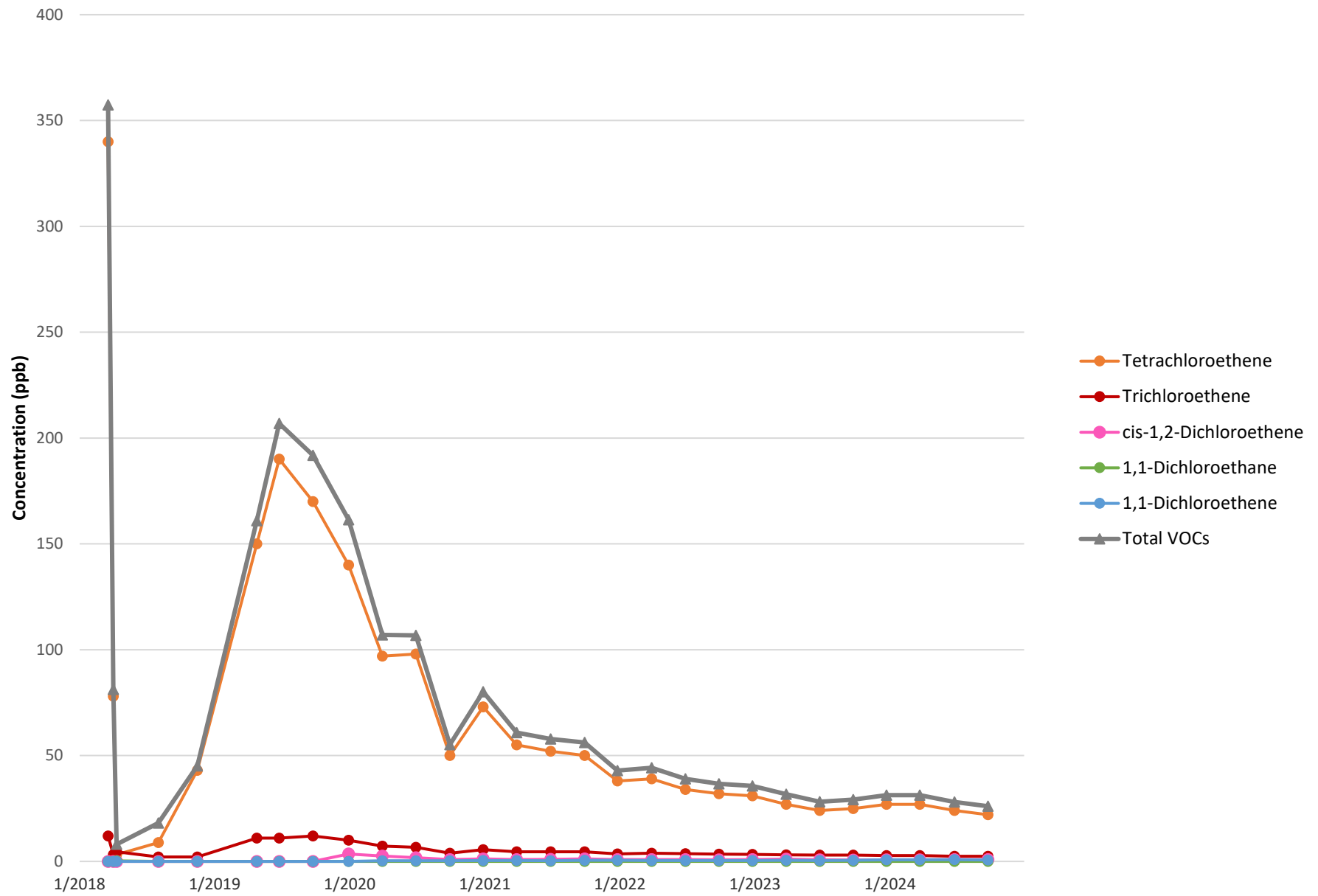
EX-1A



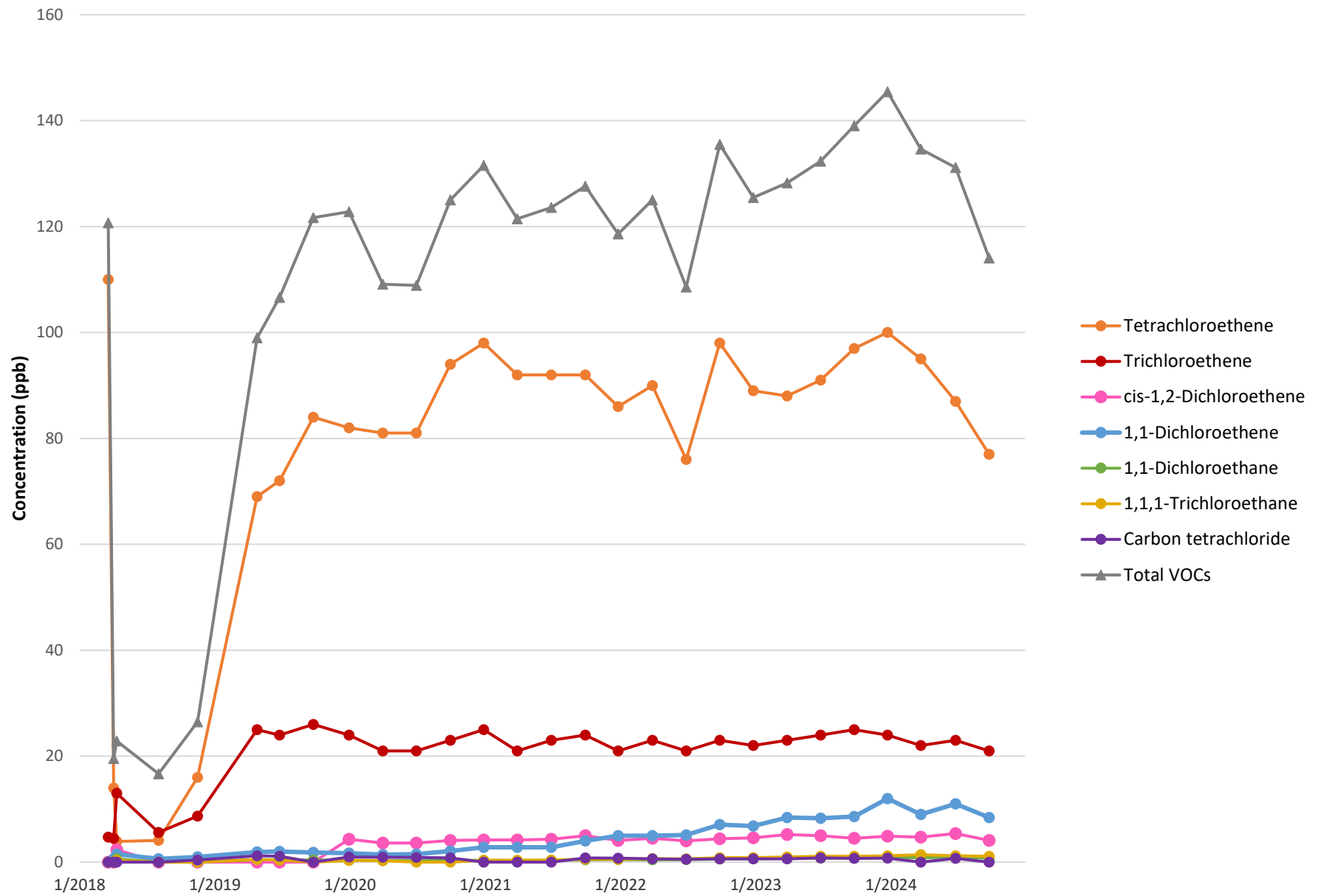
EX-1B



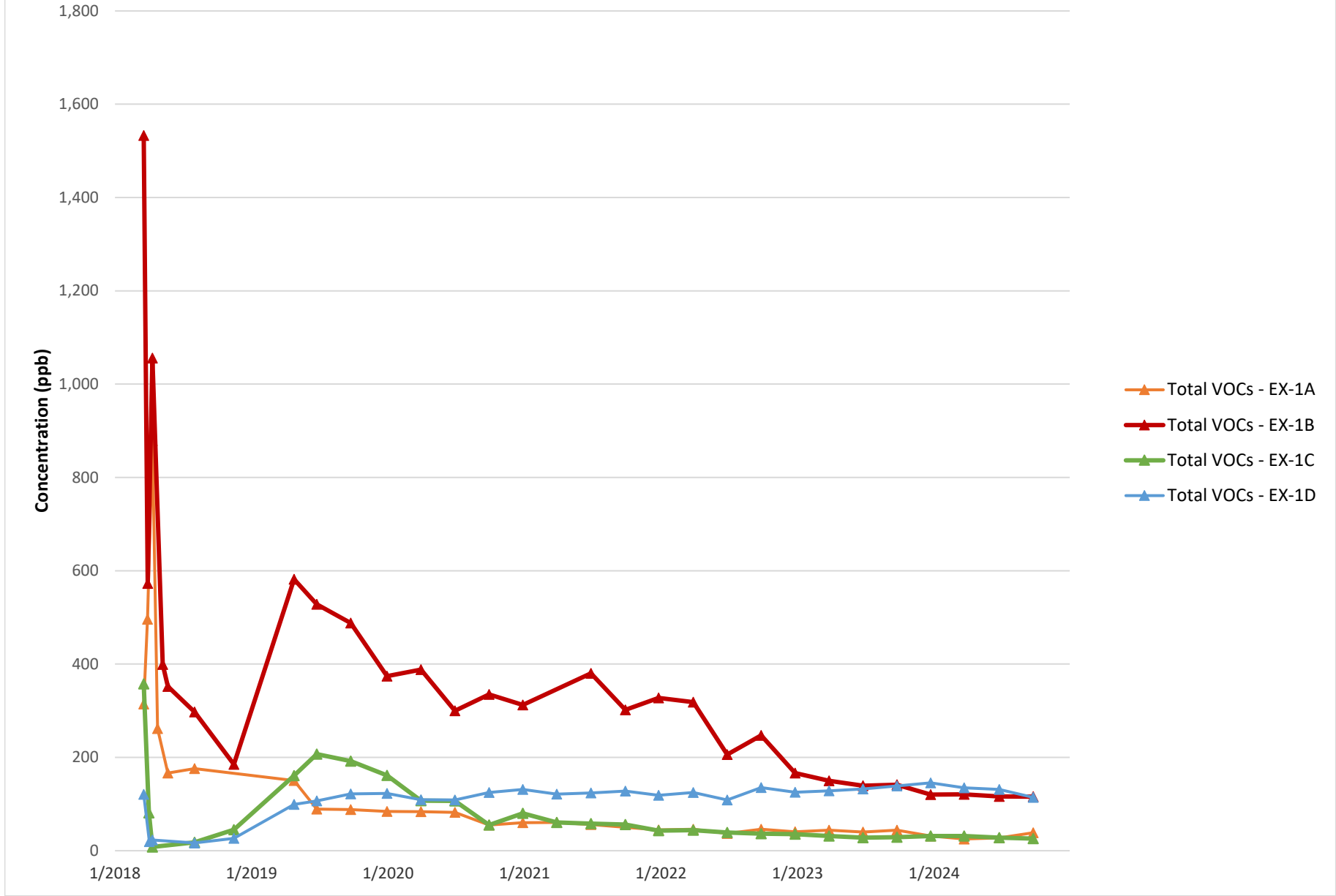
EX-1C



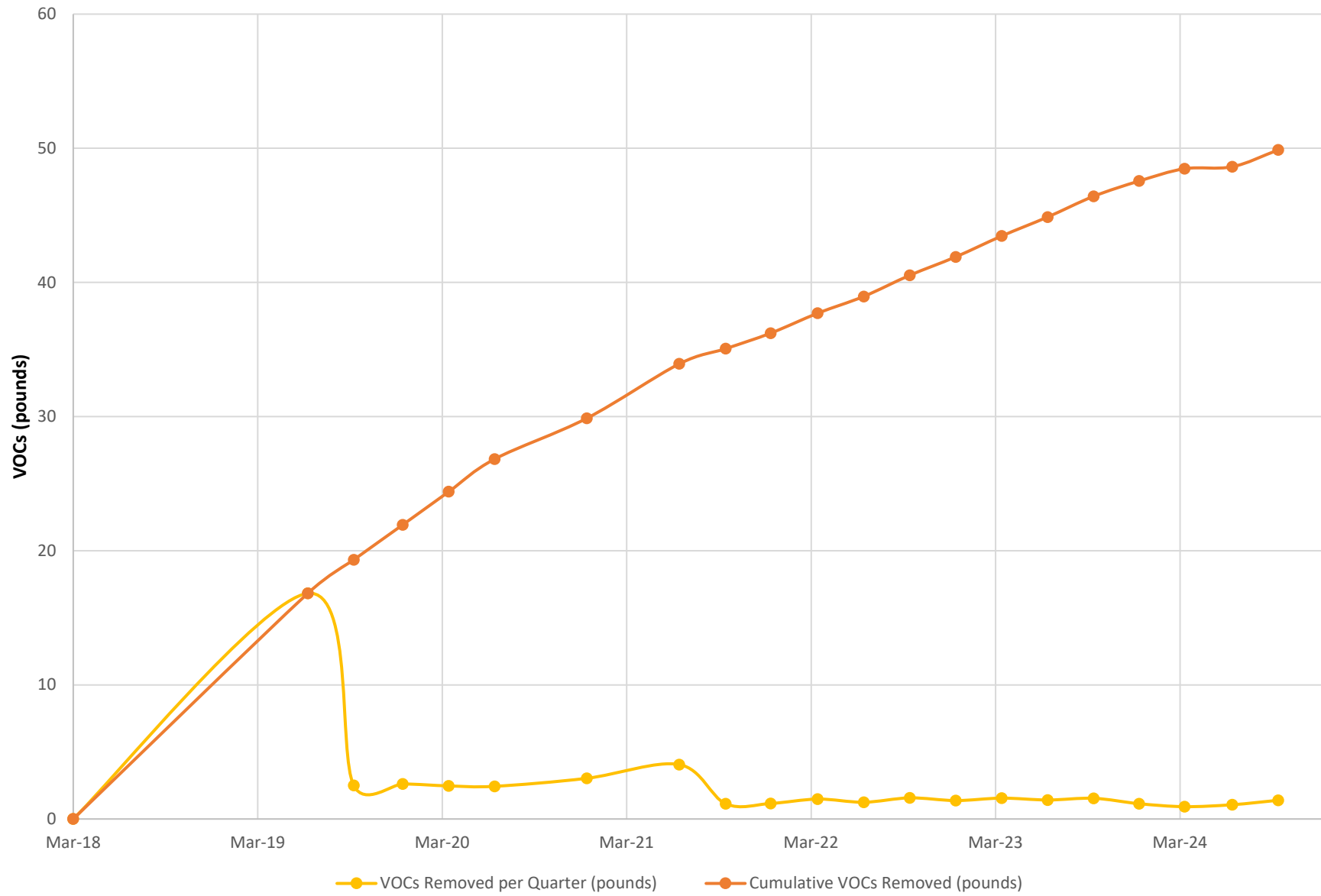
EX-1D



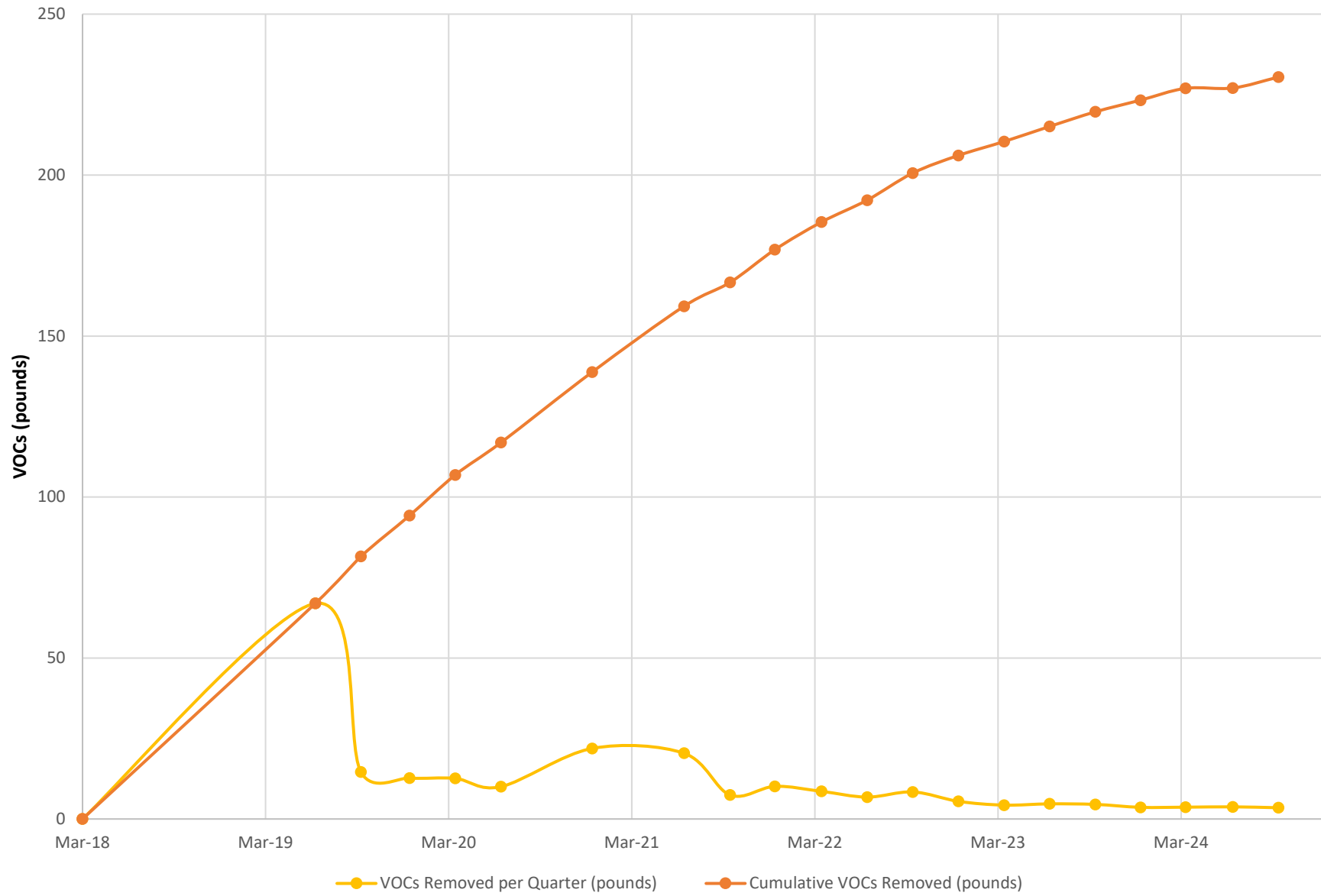
All Wells - Total VOCs



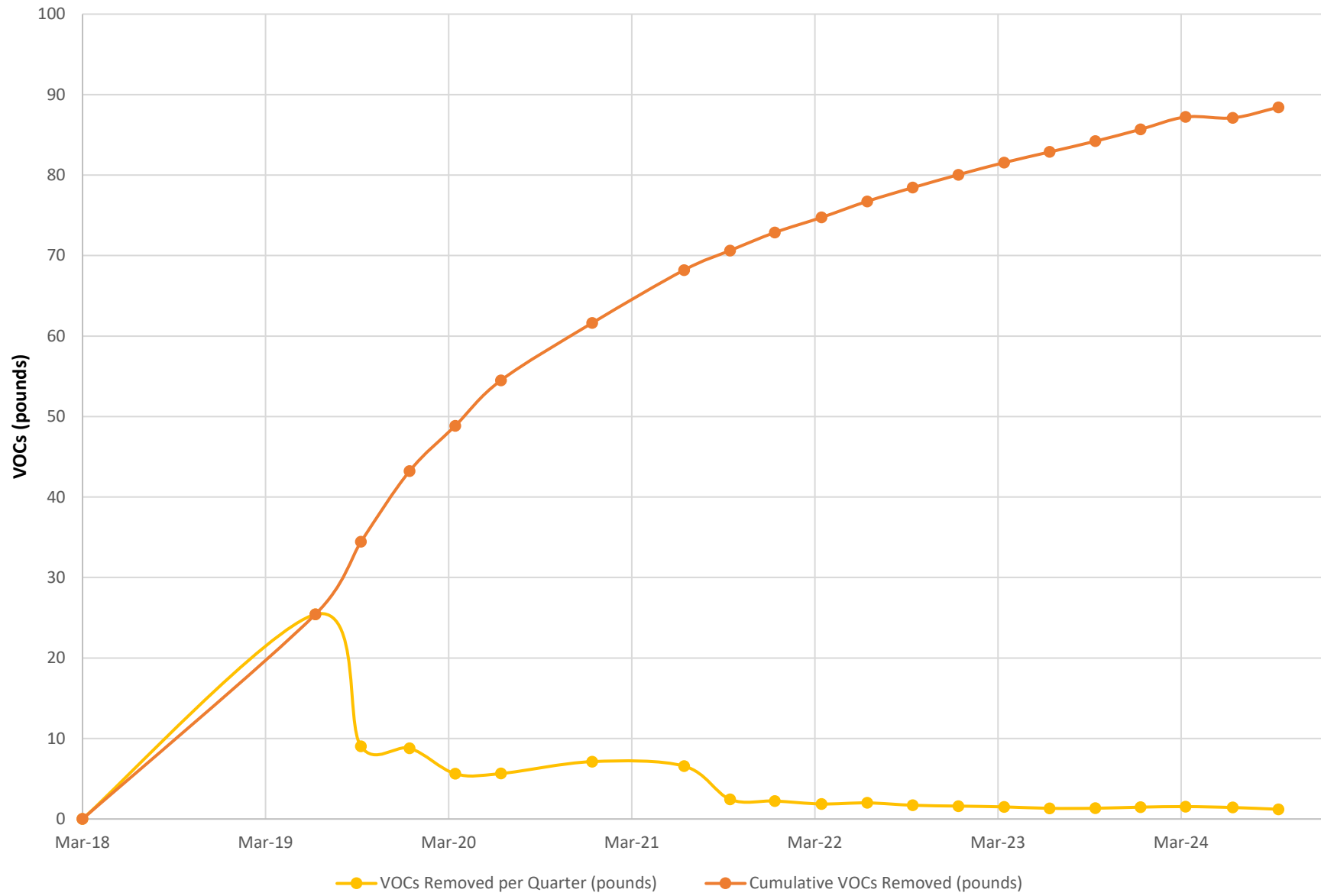
Mass Removal EX-1A



Mass Removal EX-1B



Mass Removal EX-1C



Mass Removal EX-1D

