

July 12, 2021

Ms. Kerry Maloney, P.G.
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Via email: Kerry.maloney@dec.ny.gov

Re: Progress Report: June 2021
Frost Street Sites: Site ID#s 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Ms. Maloney:

EnSafe Inc. is pleased to submit this Progress Report for the Frost Street Sites (Site ID Nos. 1-30043 I, L, M) for operation, maintenance, and monitoring (OM&M) activities completed in June 2021 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).
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on June 17, using Summa canisters. These samples were obtained by EnviroTrac, submitted to Phoenix Environmental Laboratories, and analyzed by Method TO-15. Results are included in Appendix B.
 - Photoionization detector (PID) readings and influent concentrations of Frost Street-related contaminants of concern (tetrachloroethene, trichloroethene, and cis-1,2-dichloroethene [39,779 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	June 2021 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	6.12
Tetrachloroethene	1,000	38,000	176
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene ³	100	3,800	424

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 June except for May 29 to June 19 when EX-1B was offline due to a motor lead issue.

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

Groundwater Extraction System Individual Extraction Well Data – Volatile Organic Compounds (ppb)				
Analyte	EX-1A	EX-1B	EX-1C	EX-1D
1,1,1-Trichloroethane	ND	ND	ND	0.41
1,1-Dichloroethane	ND	ND	ND	0.34
1,1-Dichloroethene	0.26	ND	0.36	2.8
Chloroform	ND	ND	ND	0.75
cis-1,2-Dichloroethene	3.5	7.3	0.99	4.3
Tetrachloroethene	48	360	52	92
Trichloroethene	4.2	13	4.5	23
Total VOCs	55.96	380.3	57.85	123.6

EnSafe collected and prepared the additional information requested by NYSDEC on February 21, 2019, (additional pressure transducer data and groundwater elevation maps) to

facilitate review and comment on the *Expanded Pumping Test Summary, Findings, and Recommendations*, submitted on August 10, 2018. This information was transmitted to NYSDEC on March 22, 2019.

Groundwater Monitoring

The next groundwater monitoring event will be performed in third quarter 2021.

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>
	C. Bethoney, NYSDOH	<i>Via email to charlotte.bethoney@health.ny.gov</i>
	J. Nealon, NYSDOH	<i>Via email to jacquelyn.nealon@health.ny.gov</i>
	R. Putnam, NCDOH	<i>Via email to rputnam@nassaucountyny.gov</i>
	J. Vasquez, U.S. EPA	<i>Via email to vazquez.julio@epa.gov</i>
	T. Pupilla, Sanders Equities	<i>Via email to tpupilla@sandersequities.com</i>
	J. Privitera, Esq.	<i>Via email to jprivitera@woh.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: 17-Jun
Weather / Temp: Clear / 75 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)	4500		884		Blower 1 Total Runtime (hrs)	61,556.1			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	62,105.5			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Blower Inlet Vacuum ("H2O)	46				Blower 2 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	3				VGAC-1 Influent PID (ppm)	2.0			
VGAC-1 Influent Vacuum ("H2O)	40				VGAC-1 Effluent PID (ppm)	0.0			
VGAC-1 Effluent Vacuum ("H2O)	46				VGAC-2 Influent PID (ppm)	2.0			
VGAC-2 Influent Vacuum ("H2O)	35				VGAC-2 Effluent PID (ppm)	0.0			
VGAC-2 Effluent Vacuum ("H2O)	40				VGAC-3 Influent PID (ppm)	0.0			
VGAC-3 Influent Vacuum ("H2O)	45				VGAC-3 Effluent PID (ppm)	0.0			
VGAC-3 Effluent Vacuum ("H2O)	50				Blower Effluent PID (ppm)	0.0			
VGAC-3 Influent Temp (DegF)					Transfer Pump Total Runtime (hrs)	25,044.8			
Blower Effluent Pressure ("H2O)	9				Condensate Storage Tank Level (gal)	0			
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	42	6500	142	2.0	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	34	4000	87	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	44	4000	87	5.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	46	2900	63	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	36	4600	100	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	40	5900	129	9.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	34	4200	92	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	39	2900	63	0.0
Air Sparge System									
Compressor 1 Pressure (psi)	13.5				Compressor 2 Pressure (psi)	Off			
Compressor 1 Runtime (hrs)	2,674.6				Compressor 2 Temperature (degF)	Off			
Air Cooler Inlet Temperature (degF)	220				Compressor 2 Regulator Pressure (psi)	Off			
Air Cooler Outlet Temperature (degF)	92				Compressor 2 Runtime (hrs)	40,734			
Air Cooler Inlet Pressure (psi)	15.5				AS Manifold Temperature (degF)	86			
Air Cooler Outlet Pressure (psi)	13.5				AS Manifold Pressure	12			
AS Manifold Legs - Pressure/Flow Rate									
	Pressure	Flow Rate			Pressure	Flow Rate			
AS-1 (psi)/(cfm)	7	10	AS-11 (psi)/(cfm)		15	4			
AS-2 (psi)/(cfm)	5	6	AS-12B (psi)/(cfm)		16	13			
AS-3 (psi)/(cfm)	16	10	AS-13B (psi)/(cfm)		15	13			
AS-4 (psi)/(cfm)	14	4	AS-14 (psi)/(cfm)		16	13			
AS-5 (psi)/(cfm)	16	15	AS-15 (psi)/(cfm)		14	10			
AS-6 (psi)/(cfm)	16	10	AS-16B (psi)/(cfm)		15	12			
AS-7 (psi)/(cfm)	17	8	AS-17 (psi)/(cfm)		16	11			
AS-8 (psi)/(cfm)	15	11	AS-18 (psi)/(cfm)		15	10			
AS-9 (psi)/(cfm)	15	8	AS-19 (psi)/(cfm)		15	6			
AS-10B (psi)/(cfm)	15	10							

Notes, Comments & Observations: _____

Collected monthly 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: 17-Jun
Weather / Temp: Clear / 75 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	
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	
-Inspect Belts	Weekly	Y	
SVE Blower B-2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-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	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	Y	
-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



Friday, July 02, 2021

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

Project ID: ENSAFE WESTBURY
SDG ID: GCI59679
Sample ID#s: CI59679 - CI59680

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.

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.

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
UT Lab Registration #CT00007
VT Lab Registration #VT11301



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



Sample Id Cross Reference

July 02, 2021

SDG I.D.: GCI59679

Project ID: ENSAFE WESTBURY

Client Id	Lab Id	Matrix
SVE EFFLUENT	CI59679	AIR
SVE INFLUENT	CI59680	AIR



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



Analysis Report

July 02, 2021

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:
Canister Id: 825

Custody Information

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

Date

06/17/21 11:11
06/22/21 15:03

Time

Project ID: ENSAFE WESTBURY
Client ID: SVE EFFLUENT

Laboratory Data

SDG ID: GCI59679
Phoenix ID: CI59679

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/25/21	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	06/25/21	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	06/25/21	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	06/25/21	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	06/25/21	KCA	1
1,1-Dichloroethene	0.069	0.051	0.27	0.20	06/25/21	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	06/25/21	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	06/25/21	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	06/25/21	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	06/25/21	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	06/25/21	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	06/25/21	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	06/25/21	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	06/25/21	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	06/25/21	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	06/25/21	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	06/25/21	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	06/25/21	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	06/25/21	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/25/21	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/25/21	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	06/25/21	KCA	1
Acetone	5.24	0.421	12.4	1.00	06/25/21	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	06/25/21	KCA	1
Benzene	ND	0.313	ND	1.00	06/25/21	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	06/25/21	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	06/25/21	KCA	1
Bromoform	ND	0.097	ND	1.00	06/25/21	KCA	1
Bromomethane	ND	0.258	ND	1.00	06/25/21	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	06/25/21	KCA	1
Carbon Tetrachloride	ND	0.032	ND	0.20	06/25/21	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	06/25/21	KCA	1
Chloroethane	ND	0.379	ND	1.00	06/25/21	KCA	1
Chloroform	ND	0.205	ND	1.00	06/25/21	KCA	1
Chloromethane	ND	0.485	ND	1.00	06/25/21	KCA	1
Cis-1,2-Dichloroethene	107	0.505	424	2.00	06/25/21	KCA	10
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	06/25/21	KCA	1
Cyclohexane	ND	0.291	ND	1.00	06/25/21	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	06/25/21	KCA	1
Dichlorodifluoromethane	0.642	0.202	3.17	1.00	06/25/21	KCA	1
Ethanol	2.95	0.531	5.55	1.00	06/25/21	KCA	1 1
Ethyl acetate	ND	0.278	ND	1.00	06/25/21	KCA	1 1
Ethylbenzene	ND	0.230	ND	1.00	06/25/21	KCA	1
Heptane	ND	0.244	ND	1.00	06/25/21	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	06/25/21	KCA	1
Hexane	0.431	0.284	1.52	1.00	06/25/21	KCA	1
Isopropylalcohol	1.25	0.407	3.07	1.00	06/25/21	KCA	1
Isopropylbenzene	0.204	0.204	1.00	1.00	06/25/21	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	06/25/21	KCA	1
Methyl Ethyl Ketone	2.62	0.339	7.72	1.00	06/25/21	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	06/25/21	KCA	1
Methylene Chloride	1.65	0.864	5.73	3.00	06/25/21	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	06/25/21	KCA	1 1
o-Xylene	ND	0.230	ND	1.00	06/25/21	KCA	1
Propylene	ND	0.581	ND	1.00	06/25/21	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	06/25/21	KCA	1 1
Styrene	ND	0.235	ND	1.00	06/25/21	KCA	1
Tetrachloroethene	25.9	0.037	176	0.25	06/25/21	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	06/25/21	KCA	1 1
Toluene	0.822	0.266	3.10	1.00	06/25/21	KCA	1
Trans-1,2-Dichloroethene	1.13	0.252	4.48	1.00	06/25/21	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	06/25/21	KCA	1
Trichloroethene	1.14	0.037	6.12	0.20	06/25/21	KCA	1
Trichlorofluoromethane	0.192	0.178	1.08	1.00	06/25/21	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	06/25/21	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	06/25/21	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	106	%	106	%	06/25/21	KCA	1
% IS-1,4-Difluorobenzene	92	%	92	%	06/25/21	KCA	1
% IS-Bromochloromethane	95	%	95	%	06/25/21	KCA	1
% IS-Chlorobenzene-d5	93	%	93	%	06/25/21	KCA	1
% Bromofluorobenzene (10x)	105	%	105	%	06/25/21	KCA	10
% IS-1,4-Difluorobenzene (10x)	96	%	96	%	06/25/21	KCA	10
% IS-Bromochloromethane (10x)	98	%	98	%	06/25/21	KCA	10
% IS-Chlorobenzene-d5 (10x)	96	%	96	%	06/25/21	KCA	10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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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.

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

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

Comments:

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



Phyllis Shiller, Laboratory Director

July 02, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

July 02, 2021

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:
Canister Id: 734

Custody Information

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

Date

06/17/21 11:16
06/22/21 15:03

Time

Laboratory Data

SDG ID: GCI59679
Phoenix ID: CI59680

Project ID: ENSAFE WESTBURY
Client ID: SVE INFLUENT

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	1.46	ND	10.0	06/24/21	KCA	10
1,1,1-Trichloroethane	ND	1.83	ND	10.0	06/24/21	KCA	10
1,1,2,2-Tetrachloroethane	ND	1.46	ND	10.0	06/24/21	KCA	10
1,1,2-Trichloroethane	ND	1.83	ND	10.0	06/24/21	KCA	10
1,1-Dichloroethane	ND	2.47	ND	10.0	06/24/21	KCA	10
1,1-Dichloroethene	ND	0.505	ND	2.00	06/24/21	KCA	10
1,2,4-Trichlorobenzene	ND	1.35	ND	10.0	06/24/21	KCA	10
1,2,4-Trimethylbenzene	ND	2.04	ND	10.0	06/24/21	KCA	10
1,2-Dibromoethane(EDB)	ND	1.30	ND	10.0	06/24/21	KCA	10
1,2-Dichlorobenzene	ND	1.66	ND	10.0	06/24/21	KCA	10
1,2-Dichloroethane	ND	2.47	ND	10.0	06/24/21	KCA	10
1,2-dichloropropane	ND	2.17	ND	10.0	06/24/21	KCA	10
1,2-Dichlorotetrafluoroethane	ND	1.43	ND	10.0	06/24/21	KCA	10
1,3,5-Trimethylbenzene	ND	2.04	ND	10.0	06/24/21	KCA	10
1,3-Butadiene	ND	4.52	ND	10.0	06/24/21	KCA	10
1,3-Dichlorobenzene	ND	1.66	ND	10.0	06/24/21	KCA	10
1,4-Dichlorobenzene	ND	1.66	ND	10.0	06/24/21	KCA	10
1,4-Dioxane	ND	2.78	ND	10.0	06/24/21	KCA	10
2-Hexanone(MBK)	ND	2.44	ND	10.0	06/24/21	KCA	10
4-Ethyltoluene	ND	2.04	ND	10.0	06/24/21	KCA	10
4-Isopropyltoluene	ND	1.82	ND	10.0	06/24/21	KCA	10
4-Methyl-2-pentanone(MIBK)	ND	2.44	ND	10.0	06/24/21	KCA	10
Acetone	ND	4.21	ND	10.0	06/24/21	KCA	10
Acrylonitrile	ND	4.61	ND	10.0	06/24/21	KCA	10
Benzene	ND	3.13	ND	10.0	06/24/21	KCA	10
Benzyl chloride	ND	1.93	ND	10.0	06/24/21	KCA	10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	1.49	ND	10.0	06/24/21	KCA	10	
Bromoform	ND	0.968	ND	10.0	06/24/21	KCA	10	
Bromomethane	ND	2.58	ND	10.0	06/24/21	KCA	10	
Carbon Disulfide	ND	3.21	ND	10.0	06/24/21	KCA	10	
Carbon Tetrachloride	ND	0.318	ND	2.00	06/24/21	KCA	10	
Chlorobenzene	ND	2.17	ND	10.0	06/24/21	KCA	10	
Chloroethane	ND	3.79	ND	10.0	06/24/21	KCA	10	
Chloroform	ND	2.05	ND	10.0	06/24/21	KCA	10	
Chloromethane	ND	4.85	ND	10.0	06/24/21	KCA	10	
Cis-1,2-Dichloroethene	121	0.505	479	2.00	06/24/21	KCA	10	
cis-1,3-Dichloropropene	ND	2.20	ND	10.0	06/24/21	KCA	10	
Cyclohexane	ND	2.91	ND	10.0	06/24/21	KCA	10	
Dibromochloromethane	ND	1.17	ND	10.0	06/24/21	KCA	10	
Dichlorodifluoromethane	ND	2.02	ND	10.0	06/24/21	KCA	10	
Ethanol	12.2	5.31	23.0	10.0	06/24/21	KCA	10	1
Ethyl acetate	ND	2.78	ND	10.0	06/24/21	KCA	10	1
Ethylbenzene	ND	2.30	ND	10.0	06/24/21	KCA	10	
Heptane	ND	2.44	ND	10.0	06/24/21	KCA	10	
Hexachlorobutadiene	ND	0.938	ND	10.0	06/24/21	KCA	10	
Hexane	ND	2.84	ND	10.0	06/24/21	KCA	10	
Isopropylalcohol	ND	4.07	ND	10.0	06/24/21	KCA	10	
Isopropylbenzene	ND	2.04	ND	10.0	06/24/21	KCA	10	
m,p-Xylene	ND	2.30	ND	10.0	06/24/21	KCA	10	
Methyl Ethyl Ketone	ND	3.39	ND	10.0	06/24/21	KCA	10	
Methyl tert-butyl ether(MTBE)	ND	2.78	ND	10.0	06/24/21	KCA	10	
Methylene Chloride	ND	8.64	ND	30.0	06/24/21	KCA	10	
n-Butylbenzene	ND	1.82	ND	10.0	06/24/21	KCA	10	1
o-Xylene	ND	2.30	ND	10.0	06/24/21	KCA	10	
Propylene	ND	5.81	ND	10.0	06/24/21	KCA	10	1
sec-Butylbenzene	ND	1.82	ND	10.0	06/24/21	KCA	10	1
Styrene	ND	2.35	ND	10.0	06/24/21	KCA	10	
Tetrachloroethene	5590	5.90	37900	40.0	06/25/21	KCA	160	
Tetrahydrofuran	ND	3.39	ND	10.0	06/24/21	KCA	10	1
Toluene	ND	2.66	ND	10.0	06/24/21	KCA	10	
Trans-1,2-Dichloroethene	ND	2.52	ND	10.0	06/24/21	KCA	10	
trans-1,3-Dichloropropene	ND	2.20	ND	10.0	06/24/21	KCA	10	
Trichloroethene	260	0.372	1400	2.00	06/24/21	KCA	10	
Trichlorofluoromethane	ND	1.78	ND	10.0	06/24/21	KCA	10	
Trichlorotrifluoroethane	ND	1.31	ND	10.0	06/24/21	KCA	10	
Vinyl Chloride	ND	0.783	ND	2.00	06/24/21	KCA	10	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (10x)	101	%	101	%	06/24/21	KCA	10	
% IS-1,4-Difluorobenzene (10x)	96	%	96	%	06/24/21	KCA	10	
% IS-Bromochloromethane (10x)	98	%	98	%	06/24/21	KCA	10	
% IS-Chlorobenzene-d5 (10x)	97	%	97	%	06/24/21	KCA	10	
% Bromofluorobenzene (80x)	100	%	100	%	06/25/21	KCA	80	
% IS-1,4-Difluorobenzene (80x)	94	%	94	%	06/25/21	KCA	80	
% IS-Bromochloromethane (80x)	97	%	97	%	06/25/21	KCA	80	
% IS-Chlorobenzene-d5 (80x)	93	%	93	%	06/25/21	KCA	80	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (160x)	102	%	102	%	06/25/21	KCA	160
% IS-1,4-Difluorobenzene (160x)	97	%	97	%	06/25/21	KCA	160
% IS-Bromochloromethane (160x)	98	%	98	%	06/25/21	KCA	160
% IS-Chlorobenzene-d5 (160x)	96	%	96	%	06/25/21	KCA	160

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.

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

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

Comments:

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



Phyllis Shiller, Laboratory Director

July 02, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Canister Sampling Information

July 02, 2021

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

Location Code: ENVIOTR

SDG I.D.: GCI59679

Project ID: ENSAFE WESTBURY

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SVE EFFLUENT	CI59679	825	1.4L		06/10/21	-30	-10		B SAM				06/17/21 11:10	06/17/21 11:11
SVE INFLUENT	CI59680	734	1.4L		06/10/21	-30	-5		B SAM				06/17/21 11:15	06/17/21 11:16



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



QA/QC Report

July 02, 2021

QA/QC Data

SDG I.D.: GCI59679

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 581125 (ppbv), QC Sample No: CI59679 (CI59679 (10X) , CI59680 (160X))

Volatiles

Cis-1,2-Dichloroethene	ND	0.500	ND	1.98		424	383	107	96.7	10.1	70 - 130	25
Tetrachloroethene	ND	0.370	ND	2.51		174	173	25.7	25.5	0.8	70 - 130	25
% Bromofluorobenzene	101		101			105	101	105	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	103	%	103	%		96	97	96	97	NC	60 - 140	25
% IS-Bromochloromethane	102	%	102	%		98	99	98	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	102	%	102	%		96	99	96	99	NC	60 - 140	25

QA/QC Batch 581108 (ppbv), QC Sample No: CI62321 (CI59679, CI59680 (10X, 80X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	122	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	109	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	109	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	121	1.11	1.08	0.225	0.220	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	120	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	116	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	120	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	123	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	126	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	78	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	87	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	120	1.07	1.08	0.217	0.219	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	120	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	92	6.62	7.15	2.79	3.01	7.6	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	96	1.38	1.44	0.431	0.452	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	138	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	114	0.53	0.55	0.084	0.088	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	117	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

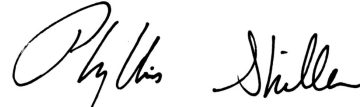
SDG I.D.: GCI59679

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	119	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	111	ND	2.61	ND	0.529	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	84	119 E	127	63.0 E	67.4	6.7	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	113	1.02	1.00	0.235	0.231	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	89	1.44	1.36	0.410	0.386	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	99	46.9	49.6	19.1	20.2	5.6	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	128	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	118	3.60	3.51	0.830	0.808	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	83	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	92	3.51	ND	1.01	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	117	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	114	1.14	1.13	0.262	0.261	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	117	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	124	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	122	1.19	0.98	0.175	0.145	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	105	5.24	5.16	1.39	1.37	1.4	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	100	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	113	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	115	1.58	1.66	0.281	0.296	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	98	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	100	%	100	%	104	103	102	103	102	NC	70 - 130	25
% IS-1,4-Difluorobenzene	100	%	100	%	101	92	90	92	90	NC	60 - 140	25
% IS-Bromochloromethane	102	%	102	%	100	96	92	96	92	NC	60 - 140	25
% IS-Chlorobenzene-d5	100	%	100	%	103	91	90	91	90	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD 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


 Phyllis Shiller, Laboratory Director
 July 02, 2021

Friday, July 02, 2021

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCI59679 - ENVIOTR

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.



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



Analysis Comments

July 02, 2021

SDG I.D.: GCI59679

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

Appendix C
Groundwater Extraction System Water Samples
Laboratory Analytical Results



Wednesday, July 07, 2021

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

Project ID: FROST STREET-OU2
SDG ID: GCI65399
Sample ID#s: CI65399 - CI65402

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.

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.

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
UT Lab Registration #CT00007
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
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Sample Id Cross Reference

July 07, 2021

SDG I.D.: GCI65399

Project ID: FROST STREET-OU2

Client Id	Lab Id	Matrix
EX-1A	CI65399	GROUND WATER
EX-1B	CI65400	GROUND WATER
EX-1C	CI65401	GROUND WATER
EX-1D	CI65402	GROUND WATER



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



Analysis Report

July 07, 2021

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: SW
Analyzed by: see "By" below

Date

06/30/21
06/30/21

Time

8:05
15:12

Laboratory Data

SDG ID: GCI65399
Phoenix ID: CI65399

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	07/02/21	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethene	0.26	J 0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	07/02/21	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,2-Dichloroethene	3.5	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	07/02/21	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	07/02/21	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	1.0	1.0	ug/L	1	07/02/21	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	07/02/21	MH	E624.1
Tetrachloroethene	48	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Trichloroethene	4.2	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	07/02/21	MH	70 - 130 %
% Bromofluorobenzene	100			%	1	07/02/21	MH	70 - 130 %
% Dibromofluoromethane	120			%	1	07/02/21	MH	70 - 130 %
% Toluene-d8	99			%	1	07/02/21	MH	70 - 130 %

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

Comments:

624 Analyses:

Acrylonitrile, 2-Chloroethyl vinyl ether and Acrolein could not be analyzed due to HCL preserved vial, these compounds can only be analyzed on an AS IS vial.

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Phyllis Shiller, Laboratory Director

July 07, 2021

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

July 07, 2021

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: SW
Analyzed by: see "By" below

Date

06/30/21
06/30/21

Time

8:10
15:12

Laboratory Data

SDG ID: GCI65399
Phoenix ID: CI65400

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	07/02/21	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	07/02/21	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,2-Dichloroethene	7.3	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	07/02/21	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	07/02/21	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	1.0	1.0	ug/L	1	07/02/21	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	07/02/21	MH	E624.1
Tetrachloroethene	360	5.0	2.5	ug/L	10	07/03/21	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Trichloroethene	13	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	07/02/21	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	07/02/21	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	07/02/21	MH	70 - 130 %
% Toluene-d8	97			%	1	07/02/21	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	100			%	10	07/03/21	MH	70 - 130 %
% Bromofluorobenzene (10x)	96			%	10	07/03/21	MH	70 - 130 %
% Dibromofluoromethane (10x)	95			%	10	07/03/21	MH	70 - 130 %
% Toluene-d8 (10x)	96			%	10	07/03/21	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 Limit

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

Comments:

624 Analyses:

Acrylonitrile, 2-Chloroethyl vinyl ether and Acrolein could not be analyzed due to HCL preserved vial, these compounds can only be analyzed on an AS IS vial.

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Phyllis Shiller, Laboratory Director

July 07, 2021

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

July 07, 2021

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: SW
Analyzed by: see "By" below

Date

06/30/21
06/30/21

Time

8:20
15:12

Laboratory Data

SDG ID: GCI65399
Phoenix ID: CI65401

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	07/02/21	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethene	0.36	J 0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	07/02/21	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,2-Dichloroethene	0.99	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	07/02/21	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	07/02/21	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	1.0	1.0	ug/L	1	07/02/21	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	07/02/21	MH	E624.1
Tetrachloroethene	52	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Trichloroethene	4.5	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	07/02/21	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	07/02/21	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	07/02/21	MH	70 - 130 %
% Toluene-d8	97			%	1	07/02/21	MH	70 - 130 %

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

Comments:

624 Analyses:

Acrylonitrile, 2-Chloroethyl vinyl ether and Acrolein could not be analyzed due to HCL preserved vial, these compounds can only be analyzed on an AS IS vial.

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Phyllis Shiller, Laboratory Director

July 07, 2021

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

July 07, 2021

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: SW
Analyzed by: see "By" below

Date

06/30/21
06/30/21

Time

8:30
15:12

Laboratory Data

SDG ID: GCI65399
Phoenix ID: CI65402

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	0.41	J 0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethane	0.34	J 0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,1-Dichloroethene	2.8	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	07/02/21	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloroform	0.75	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,2-Dichloroethene	4.3	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	07/02/21	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	07/02/21	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	1.0	1.0	ug/L	1	07/02/21	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	07/02/21	MH	E624.1
Tetrachloroethene	92	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	07/02/21	MH	E624.1
Trichloroethene	23	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	07/02/21	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	07/02/21	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	07/02/21	MH	70 - 130 %
% Dibromofluoromethane	97			%	1	07/02/21	MH	70 - 130 %
% Toluene-d8	97			%	1	07/02/21	MH	70 - 130 %

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

Comments:

624 Analyses:

Acrylonitrile, 2-Chloroethyl vinyl ether and Acrolein could not be analyzed due to HCL preserved vial, these compounds can only be analyzed on an AS IS vial.

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Phyllis Shiller, Laboratory Director

July 07, 2021

Reviewed and Released by: Rashmi Makol, Project Manager



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



QA/QC Report

July 07, 2021

QA/QC Data

SDG I.D.: GCI65399

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 582326 (ug/L), QC Sample No: CI65399 (CI65399, CI65400, CI65401, CI65402)										
Volatiles - Ground Water										
1,1,1-Trichloroethane	ND	1.0	95	96	1.0	95	95	0.0	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	103	102	1.0	104	101	2.9	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	101	104	2.9	105	101	3.9	71 - 129	20
1,1-Dichloroethane	ND	1.0	97	98	1.0	100	97	3.0	72 - 128	20
1,1-Dichloroethene	ND	1.0	93	93	0.0	91	95	4.3	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	103	103	0.0	101	101	0.0	63 - 137	20
1,2-Dichloroethane	ND	1.0	102	104	1.9	108	103	4.7	68 - 132	20
1,2-Dichloropropane	ND	1.0	100	102	2.0	101	100	1.0	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	101	102	1.0	99	100	1.0	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	102	102	0.0	102	101	1.0	63 - 137	20
Benzene	ND	0.70	101	102	1.0	98	100	2.0	64 - 136	20
Bromodichloromethane	ND	0.50	97	98	1.0	99	96	3.1	65 - 135	20
Bromoform	ND	1.0	94	94	0.0	94	91	3.2	71 - 129	20
Bromomethane	ND	1.0	94	95	1.1	87	89	2.3	40 - 160	20
Carbon tetrachloride	ND	1.0	98	98	0.0	81	83	2.4	73 - 127	20
Chlorobenzene	ND	1.0	104	104	0.0	101	103	2.0	66 - 134	20
Chloroethane	ND	1.0	88	87	1.1	89	85	4.6	40 - 160	20
Chloroform	ND	1.0	98	99	1.0	104	99	4.9	67 - 133	20
Chloromethane	ND	1.0	80	82	2.5	80	79	1.3	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	98	101	3.0	102	97	5.0	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	98	99	1.0	99	95	4.1	40 - 160	20
Dibromochloromethane	ND	0.50	99	98	1.0	98	96	2.1	67 - 133	20
Ethylbenzene	ND	1.0	101	101	0.0	97	100	3.0	59 - 141	20
m&p-Xylene	ND	1.0	101	100	1.0	96	99	3.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	94	0.0	104	95	9.0	70 - 130	30
Methylene chloride	ND	1.0	107	108	0.9	117	110	6.2	60 - 140	20
Naphthalene	ND	1.0	103	105	1.9	102	102	0.0	70 - 130	30
o-Xylene	ND	1.0	98	100	2.0	96	97	1.0	70 - 130	30
Tetrachloroethene	ND	1.0	98	100	2.0	91	98	7.4	73 - 127	20
Toluene	ND	1.0	101	102	1.0	98	101	3.0	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	101	103	2.0	104	104	0.0	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	96	97	1.0	96	93	3.2	50 - 150	20
Trichloroethene	ND	1.0	102	104	1.9	97	101	4.0	66 - 134	20
Trichlorofluoromethane	ND	1.0	90	90	0.0	90	92	2.2	48 - 152	20
Vinyl chloride	ND	1.0	80	79	1.3	75	80	6.5	40 - 160	20
% 1,2-dichlorobenzene-d4	99	%	100	100	0.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	96	%	98	97	1.0	100	97	3.0	70 - 130	30
% Dibromofluoromethane	99	%	99	99	0.0	107	99	7.8	70 - 130	30
% Toluene-d8	97	%	98	98	0.0	98	98	0.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GCI65399

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

QA/QC Batch 582325 (ug/L), QC Sample No: CI67283 (CI65400 (10X))

Volatiles - Ground Water

Tetrachloroethene	ND	1.0	84	96	13.3	102	97	5.0	73 - 127	20
% 1,2-dichlorobenzene-d4	99	%	101	102	1.0	100	101	1.0	70 - 130	30
% Bromofluorobenzene	96	%	101	97	4.0	98	97	1.0	70 - 130	30
% Dibromofluoromethane	98	%	123	104	16.7	96	99	3.1	70 - 130	30
% Toluene-d8	96	%	100	98	2.0	97	97	0.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

July 07, 2021

Wednesday, July 07, 2021

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCI65399 - ENVIOTR

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

July 07, 2021

SDG I.D.: GCI65399

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

July 07, 2021

SDG I.D.: GCI65399

The samples in this delivery group were received at 3.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 3. $^{\circ}\text{C}$ Pg of

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

Data Delivery/Contact Options:

Fax: _____
Phone: _____
Email: jamesw@envirotrac.com

Customer: EnviroTrac

Project: Frost Street - OU2

Address: 5 Old Dock Road

Report to: Jim Wilkinson

Yaphank, NY 11980

Invoice to: EnviroTrac

QUOTE #

Project P.O.:

[illegible]

Bobbi Aloisa

From: Bobbi Aloisa
Sent: Thursday, July 01, 2021 6:44 PM
To: James Wilkinson, PE
Cc: Bobbi Aloisa
Subject: Frost Street 624 issue
Attachments: GCI65399-ChainofCustody-1.pdf

Hi James

We can't report the following compounds (listed below) on the attached chain for samples CI42460 that required 624 because we did not receive 2 "as is" vials in addition to the HCL for the sample that is being requested for 624 VOC's. We need 2 "as is" vials and 3 "hcl" vials when running samples for method 624. If these compounds are not constituents of concern then it might not be a problem. Please see below.

624 Analyses:

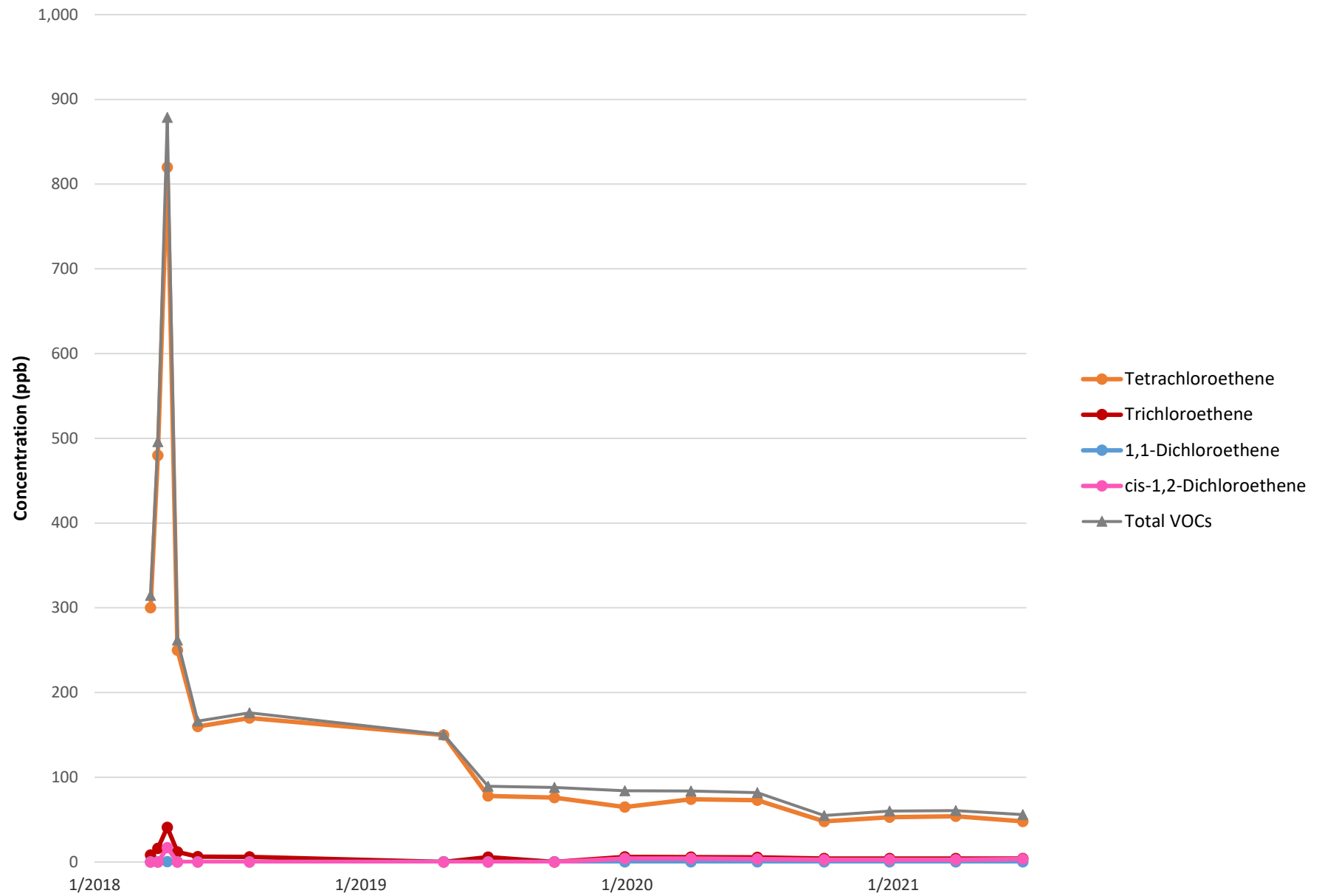
Acrylonitrile, 2-Chloroethyl vinyl ether and Acrolein could not be analyzed due to HCL preserved vial, these compounds can only be analyzed on an AS IS vial

Please LMK if you have any questions.

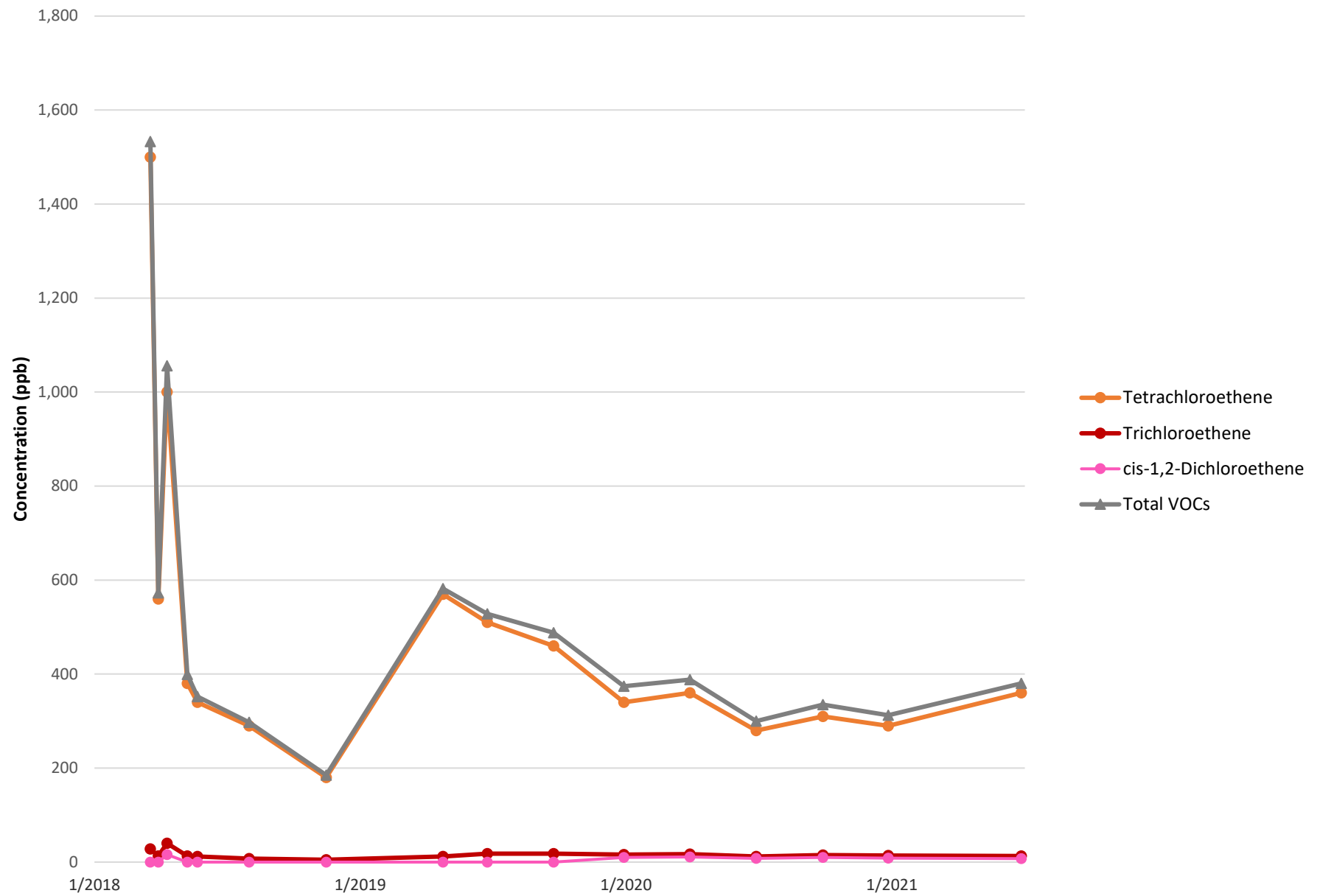
Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

Appendix D
Groundwater Extraction Well Sampling
Historical Results

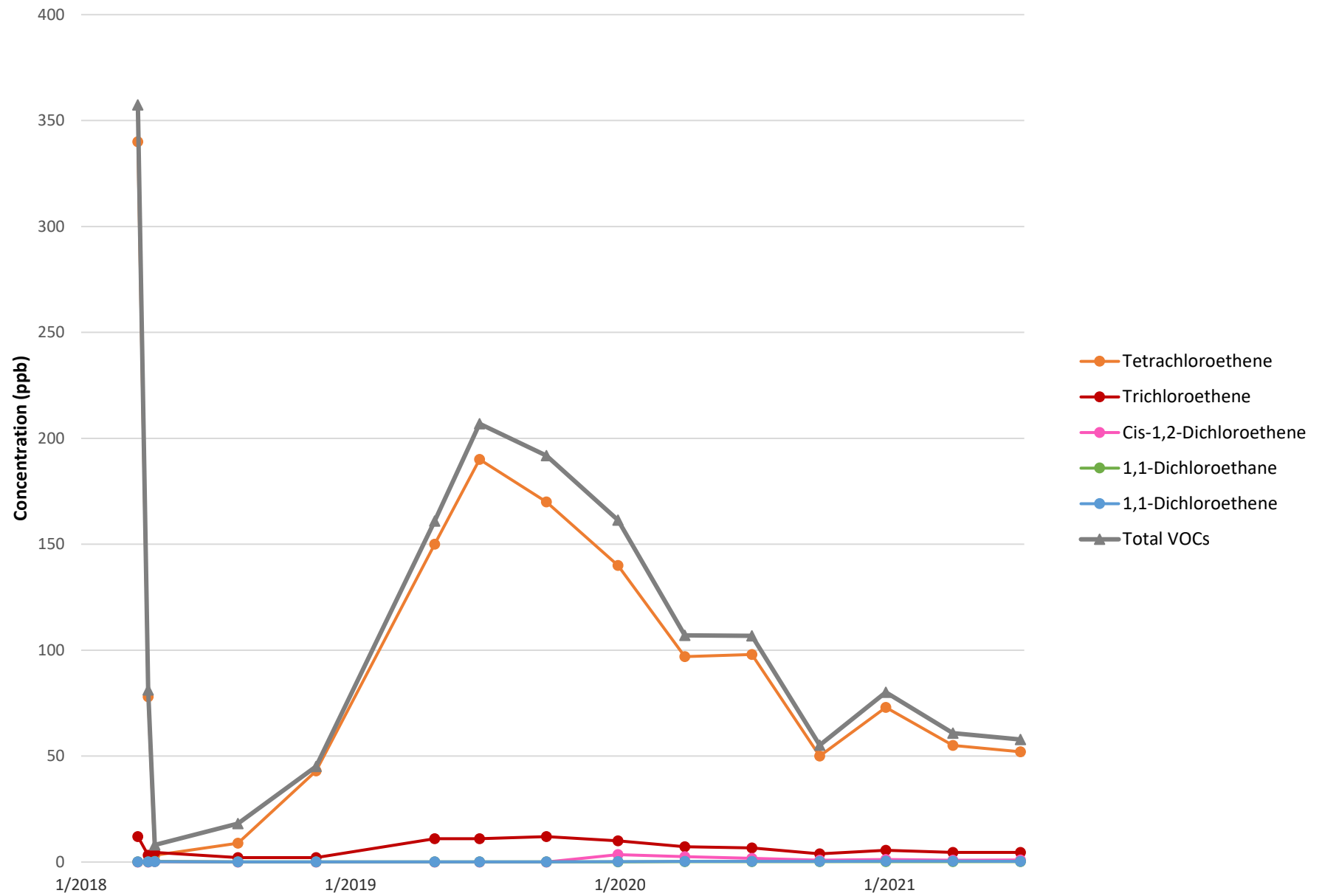
EX-1A



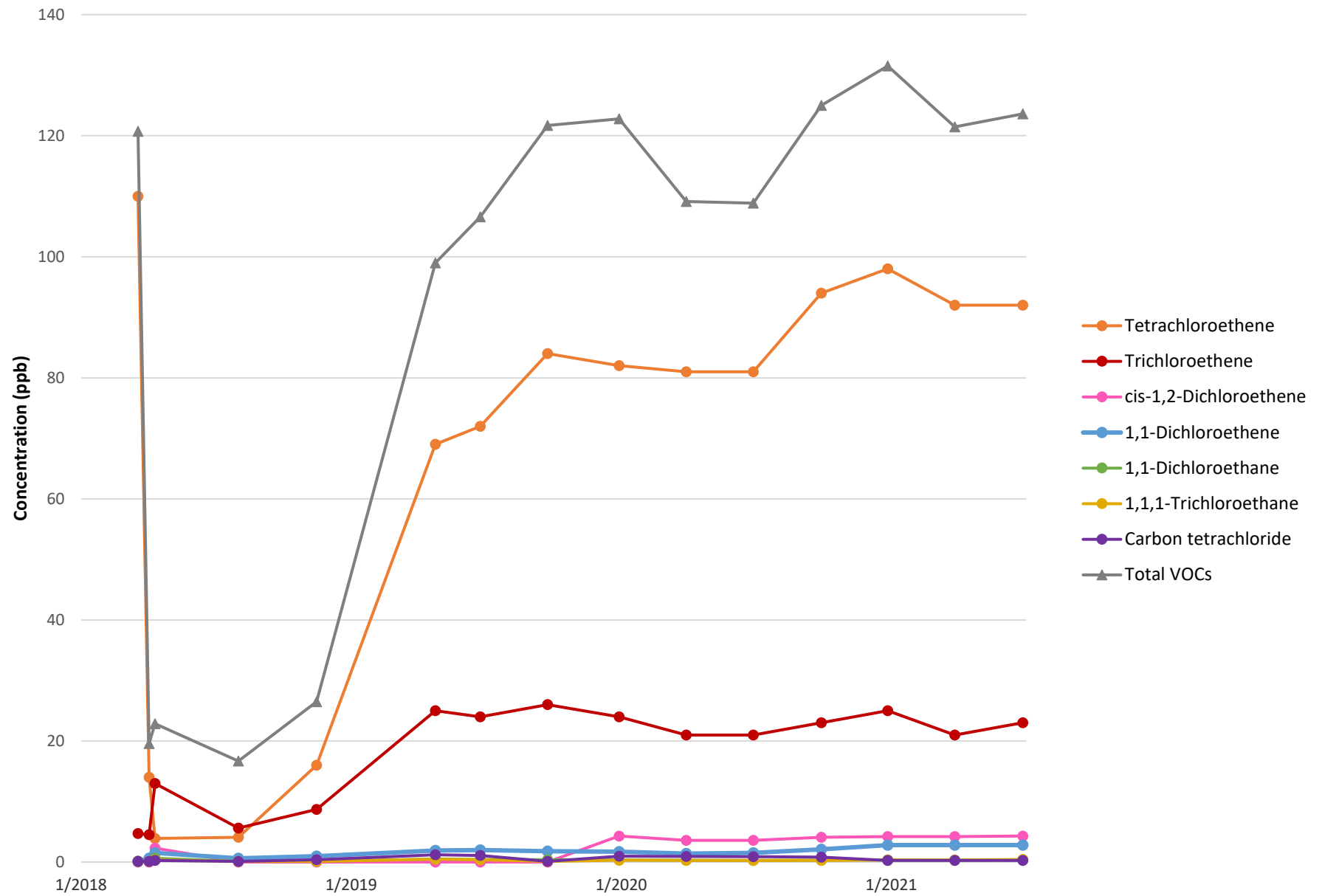
EX-1B



EX-1C



EX-1D



All Wells - Total VOCs

