

February 10, 2023

Mr. Alexander Klein, ASP
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Via email: alexander.klein@dec.ny.gov

Re: Progress Report: January 2023
Frost Street Sites: Site ID Nos. 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Mr. Klein,

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 January 2023 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 January, no alarm calls were received.
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on January 23 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 [12,193 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	January 2023 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	NS
Tetrachloroethene	1,000	38,000	2.51
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene ³	100	3,800	ND

Notes:

ft/min cubic feet per minute

lbs/year pounds per year

µg/m³ micrograms per cubic meter

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

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

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

- System condensate water was discharged from the holding tank to the sewer via the onsite connection (January 20 – 150 gallons, January 26 – 500 gallons). Water is treated via activate carbon adsorption prior to discharge and concentrations did not exceed applicable limits (1 part per million total volatile organic compounds), as shown in Appendix C.
- Note: System condensate water was discharged from the holding tank to the sewer via the onsite connection in December 2022 (December 8 – 500 gallons, December 23 – 400 gallons), but the volumes were not reported in the December 2022 monthly report (the analytical data was provided in Appendix C). Water is treated via activate carbon adsorption prior to discharge and concentrations did not exceed applicable limits (1 part per million total volatile organic compounds).

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 January except for January 19 through January 26 when the EX-1B pump was not operational; it was replaced on January 26. To date, over 338 million gallons of water have been removed by this system.

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 *2022 Comprehensive Groundwater Monitoring Report* was submitted on December 14, 2022.

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. 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>
	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

Ensafe-Frost Street
101 Frost Street
Westbury, NY

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

Date: 20-Jan
Weather / Temp: Clear / 40 DEG
Technician / Operator: JW

Arrival Time: 10:00
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)		4000		785		Blower 1 Total Runtime (hrs)				68,916.8	
Blower 1 Fresh Air Valve Open (%)		0				Blower 2 Total Runtime (hrs)				68,239.2	
Blower 2 Fresh Air Valve Open (%)		0				Blower 1 Air Filter Differential Pressure ("H2O)				0	
Blower Inlet Vacuum ("H2O)		56				Blower 2 Air Filter Differential Pressure ("H2O)				0	
Moisture Separator Vacuum ("Hg)		3				VGAC-1 Influent PID (ppm)				0.0	
VGAC-1 Influent Vacuum ("H2O)		50				VGAC-1 Effluent PID (ppm)				0.0	
VGAC-1 Effluent Vacuum ("H2O)		46				VGAC-2 Influent PID (ppm)				0.0	
VGAC-2 Influent Vacuum ("H2O)		48				VGAC-2 Effluent PID (ppm)				0.0	
VGAC-2 Effluent Vacuum ("H2O)		48				VGAC-3 Influent PID (ppm)				0.0	
VGAC-3 Influent Pressure ("H2O)		5				VGAC-3 Effluent PID (ppm)				0.0	
VGAC-3 Effluent Pressure ("H2O)		2				Blower Effluent PID (ppm)				0.0	
VGAC-3 Influent Temp (DegF)		130				Transfer Pump Total Runtime (hrs)				25,093.7	
Blower Effluent Pressure ("H2O)		16				Condensate Storage Tank Level (gal)				500 → 350	
SVE Manifold Legs - Vacuum/Flow Rate/PID											
		Vacuum	Velocity	Flow Rate	PID			Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)		50	7500	164	1.0	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)		44	4000	87	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)		52	4400	96	1.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)		54	2900	63	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)		44	4900	107	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)		49	6500	142	5.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)		42	4100	89	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)		45	2800	61	0.0
Air Sparge System											
Compressor 1 Pressure (psi)		12				Compressor 2 Pressure (psi)				Off	
Compressor 1 Runtime (hrs)		15,329.8				Compressor 2 Temperature (degF)				Off	
Air Cooler Inlet Temperature (degF)		180				Compressor 2 Regulator Pressure (psi)				Off	
Air Cooler Outlet Temperature (degF)		64				Compressor 2 Runtime (hrs)				40,734	
Air Cooler Inlet Pressure (psi)		17				AS Manifold Temperature (degF)				56	
Air Cooler Outlet Pressure (psi)		16				AS Manifold Pressure				14	
AS Manifold Legs - Pressure/Flow Rate											
		Pressure		Flow Rate				Pressure		Flow Rate	
AS-1 (psi)/(cfm)		7		10		AS-11 (psi)/(cfm)		15		4	
AS-2 (psi)/(cfm)		1		7		AS-12B (psi)/(cfm)		16		9	
AS-3 (psi)/(cfm)		0		7		AS-13B (psi)/(cfm)		14		10	
AS-4 (psi)/(cfm)		11		0		AS-14 (psi)/(cfm)		16		12	
AS-5 (psi)/(cfm)		16		6		AS-15 (psi)/(cfm)		15		10	
AS-6 (psi)/(cfm)		17		10		AS-16B (psi)/(cfm)		14		11	
AS-7 (psi)/(cfm)		17		7		AS-17 (psi)/(cfm)		16		10	
AS-8 (psi)/(cfm)		14		11		AS-18 (psi)/(cfm)		15		11	
AS-9 (psi)/(cfm)		16		10		AS-19 (psi)/(cfm)		15		5	
AS-10B (psi)/(cfm)		14		10							

Notes, Comments & Observations:

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

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

Date: 20-Jan
Weather / Temp: Clear / 40 DEG
Technician / Operator: JW

Arrival Time: 10:00
Departure Time: 11:30

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 11/1/22
-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 11/1/22
-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 7/15/22
-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	

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: 31-Jan
Weather / Temp: Cloudy / 35 DEG
Technician / Operator: JW

Arrival Time: 9:00
Departure Time: 12:00

System Status									
	Arrival	Departure		Arrival	Departure				
SVE Blower 1 (ON/OFF)	OFF	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)	4000	785	Blower 1 Total Runtime (hrs)	69,049.3					
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	68,371.2					
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0					
Blower Inlet Vacuum ("H2O)	55		Blower 2 Air Filter Differential Pressure ("H2O)	0					
Moisture Separator Vacuum ("Hg)	3		VGAC-1 Influent PID (ppm)	0.0					
VGAC-1 Influent Vacuum ("H2O)	50		VGAC-1 Effluent PID (ppm)	0.0					
VGAC-1 Effluent Vacuum ("H2O)	45		VGAC-2 Influent PID (ppm)	0.0					
VGAC-2 Influent Vacuum ("H2O)	47		VGAC-2 Effluent PID (ppm)	0.0					
VGAC-2 Effluent Vacuum ("H2O)	47		VGAC-3 Influent PID (ppm)	0.0					
VGAC-3 Influent Pressure ("H2O)	5		VGAC-3 Effluent PID (ppm)	0.0					
VGAC-3 Effluent Pressure ("H2O)	2		Blower Effluent PID (ppm)	0.0					
VGAC-3 Influent Temp (DegF)	126		Transfer Pump Total Runtime (hrs)	25,094.8					
Blower Effluent Pressure ("H2O)	16		Condensate Storage Tank Level (gal)	500 → 0					
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	51	7200	157		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	44	4200	92	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	52	4500	98		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	54	3000	65	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	44	5000	109		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	48	6500	142	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	42	4200	92		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	45	2900	63	
Air Sparge System									
Compressor 1 Pressure (psi)	14		Compressor 2 Pressure (psi)	Off					
Compressor 1 Runtime (hrs)	15,594.4		Compressor 2 Temperature (degF)	Off					
Air Cooler Inlet Temperature (degF)	170		Compressor 2 Regulator Pressure (psi)	Off					
Air Cooler Outlet Temperature (degF)	54		Compressor 2 Runtime (hrs)	40,734					
Air Cooler Inlet Pressure (psi)	18		AS Manifold Temperature (degF)	52					
Air Cooler Outlet Pressure (psi)	17.5		AS Manifold Pressure	15					
AS Manifold Legs - Pressure/Flow Rate									
	Pressure	Flow Rate		Pressure	Flow Rate				
AS-1 (psi)/(cfm)	8	10	AS-11 (psi)/(cfm)	16	8				
AS-2 (psi)/(cfm)	2	8	AS-12B (psi)/(cfm)	16	9				
AS-3 (psi)/(cfm)	1	9	AS-13B (psi)/(cfm)	15	13				
AS-4 (psi)/(cfm)	9	4	AS-14 (psi)/(cfm)	16	14				
AS-5 (psi)/(cfm)	17	7	AS-15 (psi)/(cfm)	15	10				
AS-6 (psi)/(cfm)	18	12	AS-16B (psi)/(cfm)	14	11				
AS-7 (psi)/(cfm)	18	7	AS-17 (psi)/(cfm)	16	8				
AS-8 (psi)/(cfm)	16	12	AS-18 (psi)/(cfm)	15	11				
AS-9 (psi)/(cfm)	17	10	AS-19 (psi)/(cfm)	16	7				
AS-10B (psi)/(cfm)	14	10							

Notes, Comments & Observations:

Performed semi-annual claw pump maintenance.

Sampled water and drained condensate storage tank.

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: 31-Jan
Weather / Temp: Cloudy / 35 DEG
Technician / Operator: JW

Arrival Time: 9:00
Departure Time: 12:00

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 11/1/22
-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 11/1/22
-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	Y	Oil changed on 1/31/23
-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



Monday, January 30, 2023

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

Project ID: ENSAFE-WESTBURY
SDG ID: GCN29769
Sample ID#s: CN29769 - CN29770

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
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

January 30, 2023

SDG I.D.: GCN29769

Project ID: ENSAFE-WESTBURY

Client Id	Lab Id	Matrix
SVE EFFLUENT	CN29769	AIR
SVE INFLUENT	CN29770	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

January 30, 2023

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: 852

Custody Information

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

Date

01/23/23 11:16
01/25/23 14:05

Time

Project ID: ENSAFE-WESTBURY
Client ID: SVE EFFLUENT

Laboratory Data

SDG ID: GCN29769
Phoenix ID: CN29769

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	0.729	ND	5.00	01/25/23	KCA	5
1,1,1-Trichloroethane	ND	0.917	ND	5.00	01/25/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	01/25/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	01/25/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	01/25/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	01/25/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	01/25/23	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	01/25/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	01/25/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	01/25/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	01/25/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	01/25/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	01/25/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	01/25/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	01/25/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	01/25/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	01/25/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	01/25/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	01/25/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	01/25/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	01/25/23	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	01/25/23	KCA	5
Acetone	17.2	2.11	40.8	5.01	01/25/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	01/25/23	KCA	5
Benzene	3.31	1.57	10.6	5.01	01/25/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	01/25/23	KCA	5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	01/25/23	KCA	5	
Bromoform	ND	0.484	ND	5.00	01/25/23	KCA	5	
Bromomethane	ND	1.29	ND	5.01	01/25/23	KCA	5	
Carbon Disulfide	ND	1.61	ND	5.01	01/25/23	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	01/25/23	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	01/25/23	KCA	5	
Chloroethane	ND	1.90	ND	5.01	01/25/23	KCA	5	
Chloroform	ND	1.02	ND	4.98	01/25/23	KCA	5	
Chloromethane	ND	2.42	ND	4.99	01/25/23	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	01/25/23	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	01/25/23	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	01/25/23	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	01/25/23	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	01/25/23	KCA	5	
Ethanol	3.37	2.66	6.35	5.01	01/25/23	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	01/25/23	KCA	5	1
Ethylbenzene	ND	1.15	ND	4.99	01/25/23	KCA	5	
Heptane	ND	1.22	ND	5.00	01/25/23	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	01/25/23	KCA	5	
Hexane	ND	1.42	ND	5.00	01/25/23	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	01/25/23	KCA	5	
Isopropylbenzene	ND	1.02	ND	5.01	01/25/23	KCA	5	
m,p-Xylene	ND	1.15	ND	4.99	01/25/23	KCA	5	
Methyl Ethyl Ketone	ND	1.70	ND	5.01	01/25/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	01/25/23	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	01/25/23	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	01/25/23	KCA	5	1
o-Xylene	ND	1.15	ND	4.99	01/25/23	KCA	5	
Propylene	ND	2.91	ND	5.01	01/25/23	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	01/25/23	KCA	5	1
Styrene	ND	1.17	ND	4.98	01/25/23	KCA	5	
Tetrachloroethene	0.370	0.184	2.51	1.25	01/25/23	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	01/25/23	KCA	5	1
Toluene	ND	1.33	ND	5.01	01/25/23	KCA	5	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	01/25/23	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	01/25/23	KCA	5	
Trichloroethene	ND	0.185	ND	0.99	01/25/23	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	01/25/23	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	01/25/23	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	01/25/23	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	104	%	104	%	01/25/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	01/25/23	KCA	5	
% IS-Bromochloromethane (5x)	90	%	90	%	01/25/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	91	%	91	%	01/25/23	KCA	5	

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

January 30, 2023

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

January 30, 2023

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: 845

Custody Information

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

Date

01/23/23 11:21
01/25/23 14:05

Time

Project ID: ENSAFE-WESTBURY
Client ID: SVE INFLUENT

Laboratory Data

SDG ID: GCN29769
Phoenix ID: CN29770

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	0.729	ND	5.00	01/26/23	KCA	5
1,1,1-Trichloroethane	ND	0.917	ND	5.00	01/26/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	01/26/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	01/26/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	01/26/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	01/26/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	01/26/23	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	01/26/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	01/26/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	01/26/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	01/26/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	01/26/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	01/26/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	01/26/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	01/26/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	01/26/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	01/26/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	01/26/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	01/26/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	01/26/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	01/26/23	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	01/26/23	KCA	5
Acetone	4.43	2.11	10.5	5.01	01/26/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	01/26/23	KCA	5
Benzene	ND	1.57	ND	5.01	01/26/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	01/26/23	KCA	5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	01/26/23	KCA	5	
Bromoform	ND	0.484	ND	5.00	01/26/23	KCA	5	
Bromomethane	ND	1.29	ND	5.01	01/26/23	KCA	5	
Carbon Disulfide	ND	1.61	ND	5.01	01/26/23	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	01/26/23	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	01/26/23	KCA	5	
Chloroethane	ND	1.90	ND	5.01	01/26/23	KCA	5	
Chloroform	ND	1.02	ND	4.98	01/26/23	KCA	5	
Chloromethane	ND	2.42	ND	4.99	01/26/23	KCA	5	
Cis-1,2-Dichloroethene	65.9	0.252	261	1.00	01/26/23	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	01/26/23	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	01/26/23	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	01/26/23	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	01/26/23	KCA	5	
Ethanol	16.7	2.66	31.4	5.01	01/26/23	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	01/26/23	KCA	5	1
Ethylbenzene	ND	1.15	ND	4.99	01/26/23	KCA	5	
Heptane	ND	1.22	ND	5.00	01/26/23	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	01/26/23	KCA	5	
Hexane	ND	1.42	ND	5.00	01/26/23	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	01/26/23	KCA	5	
Isopropylbenzene	ND	1.02	ND	5.01	01/26/23	KCA	5	
m,p-Xylene	ND	1.15	ND	4.99	01/26/23	KCA	5	
Methyl Ethyl Ketone	ND	1.70	ND	5.01	01/26/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	01/26/23	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	01/26/23	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	01/26/23	KCA	5	1
o-Xylene	ND	1.15	ND	4.99	01/26/23	KCA	5	
Propylene	ND	2.91	ND	5.01	01/26/23	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	01/26/23	KCA	5	1
Styrene	ND	1.17	ND	4.98	01/26/23	KCA	5	
Tetrachloroethene	1640	4.43	11100	30.0	01/27/23	KCA	120	
Tetrahydrofuran	ND	1.70	ND	5.01	01/26/23	KCA	5	1
Toluene	ND	1.33	ND	5.01	01/26/23	KCA	5	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	01/26/23	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	01/26/23	KCA	5	
Trichloroethene	155	0.185	832	0.99	01/26/23	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	01/26/23	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	01/26/23	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	01/26/23	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	102	%	102	%	01/26/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	01/26/23	KCA	5	
% IS-Bromochloromethane (5x)	91	%	91	%	01/26/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	92	%	92	%	01/26/23	KCA	5	
% Bromofluorobenzene (120x)	101	%	101	%	01/27/23	KCA	120	
% IS-1,4-Difluorobenzene (120x)	103	%	103	%	01/27/23	KCA	120	
% IS-Bromochloromethane (120x)	103	%	103	%	01/27/23	KCA	120	
% IS-Chlorobenzene-d5 (120x)	104	%	104	%	01/27/23	KCA	120	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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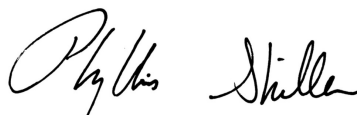
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

January 30, 2023

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



Canister Sampling Information

January 30, 2023

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

Location Code: ENVIOTR

SDG I.D.: GCN29769

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	CN29769	852	1.4L	NA	01/10/23	-30	-4						01/23/23 11:15	01/23/23 11:16
SVE INFLUENT	CN29770	845	1.4L	NA	01/10/23	-30	-4.5						01/23/23 11:20	01/23/23 11:21



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

January 30, 2023

QA/QC Data

SDG I.D.: GCN29769

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
QA/QC Batch 661580 (ppbv), QC Sample No: CN29022 (CN29769 (5X) , CN29770 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72		ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36		ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03		ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05		ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30		ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40		ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20		ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23		ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04		ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30		ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04		0.10	0.11	0.024	0.026	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05		0.06	0.06	0.012	0.012	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75		ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23		ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55		ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30		ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24		ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23		ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02		ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23		ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37		ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02		ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89		55.6 E	54.8	23.4 E	23.1	1.3	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54		ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32		0.61	0.59	0.191	0.185	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29		ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07		0.12	0.11	0.018	0.016	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77		ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27		ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78		ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27		0.52	0.51	0.083	0.081	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46		ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66		ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49		ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52		0.96	1.02	0.464	0.495	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40		ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23		ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86		ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09		ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24		2.20	2.19	0.445	0.444	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71		171 E	168	90.6 E	89.1	1.7	70 - 130	25

QA/QC Data

SDG I.D.: GCN29769

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
Ethyl acetate	ND	0.250	ND	0.90		ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08		ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02		ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05		ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79		ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92		196 E	195	79.7 E	79.3	0.5	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23		ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17		ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66		7.13	7.10	2.42	2.41	0.4	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90		ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21		ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37		ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08		ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43		ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37		ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43		ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34		ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74		8.37	8.25	2.84	2.80	1.4	70 - 130	25
Toluene	ND	0.250	ND	0.94		1.24	1.23	0.328	0.326	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40		ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13		ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13		0.15	0.13	0.027	0.025	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40		ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91		ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13		ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%		105	103	105	103	NC	70 - 130	25
% IS-1,4-Difluorobenzene	102	%	102	%		95	95	95	95	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%		94	95	94	95	NC	60 - 140	25
% IS-Chlorobenzene-d5	100	%	100	%		95	97	95	97	NC	60 - 140	25

QA/QC Batch 661774 (ppbv), QC Sample No: CN30669 (CN29770 (120X))

Volatiles

Tetrachloroethene	ND	0.037	ND	0.25		0.32	0.32	0.047	0.047	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%		103	103	103	103	NC	70 - 130	25
% IS-1,4-Difluorobenzene	106	%	106	%		101	100	101	100	NC	60 - 140	25
% IS-Bromochloromethane	104	%	104	%		101	99	101	99	NC	60 - 140	25
% IS-Chlorobenzene-d5	103	%	103	%		101	100	101	100	NC	60 - 140	25

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
January 30, 2023

Monday, January 30, 2023

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCN29769 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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



Analysis Comments

January 30, 2023

SDG I.D.: GCN29769

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

Appendix C
AS/SVE System Water Sample
Laboratory Analytical Results



Tuesday, February 07, 2023

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

Project ID: FROST STREET OU1
SDG ID: GCN33270
Sample ID#s: CN33270 - CN33271

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
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

February 07, 2023

SDG I.D.: GCN33270

Project ID: FROST STREET OU1

Client Id	Lab Id	Matrix
SVE DISCHARGE WATER	CN33270	GW DISCHARGE
TRIP BLANK	CN33271	GW DISCHARGE



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 07, 2023

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

Sample Information

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

Custody Information

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

Date

01/31/23
01/31/23

Time

9:55
16:22

Laboratory Data

SDG ID: GCN33270
Phoenix ID: CN33270

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

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Cadmium	< 0.001	0.001		mg/L	1	02/04/23	CPP	E200.7
Chromium	< 0.001	0.001		mg/L	1	02/04/23	CPP	E200.7
Copper	0.039	0.003		mg/L	1	02/04/23	CPP	E200.7
Iron	1.35	0.005		mg/L	1	02/04/23	CPP	E200.7
Nickel	0.001	0.001		mg/L	1	02/04/23	CPP	E200.7
Zinc	0.012	0.002		mg/L	1	02/04/23	CPP	E200.7
Chromium, Hexavalent	0.02	0.02		mg/L	2	01/31/23 19:31	AKS	SM3500CRB-11
PCB Extraction	Completed					01/31/23	S/P/S	E608.3
Total Metals Digestion	Completed					02/02/23	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1221	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1232	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1242	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1248	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1254	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1260	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	
PCB-1262	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	1
PCB-1268	ND	0.047	0.047	ug/L	1	02/01/23	SC	E608.3	1

QA/QC Surrogates

% DCBP	91		%	1	02/01/23	SC	30 - 150 %
% DCBP (Confirmation)	93		%	1	02/01/23	SC	30 - 150 %
% TCMX	81		%	1	02/01/23	SC	30 - 150 %
% TCMX (Confirmation)	92		%	1	02/01/23	SC	30 - 150 %

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	02/01/23	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	02/01/23	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
cis-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/01/23	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	02/01/23	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	02/01/23	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	02/01/23	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	02/01/23	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/01/23	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	02/01/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	02/01/23	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	02/01/23	MH	70 - 130 %
% Toluene-d8	92			%	1	02/01/23	MH	70 - 130 %

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

Phoenix I.D.: CN33270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
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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 LOD=Limit of Detection MDL=Method Detection Limit1

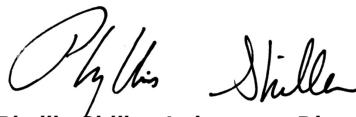
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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.

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

February 07, 2023

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 Fax (860) 645-0823



Analysis Report

February 07, 2023

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

Sample Information

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

Custody Information

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

Date

01/31/23

Time

16:22

Laboratory Data

SDG ID: GCN33270
Phoenix ID: CN33271

Project ID: FROST STREET OU1
Client ID: TRIP BLANK

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	02/01/23	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	02/01/23	MH	E624.1
Carbon disulfide	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
cis-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/01/23	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	02/01/23	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	02/01/23	MH	E624.1

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Methylene chloride	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	02/01/23	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	02/01/23	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	02/01/23	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	02/01/23	MH	E624.1
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	02/01/23	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	02/01/23	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	02/01/23	MH	70 - 130 %
% Toluene-d8	91			%	1	02/01/23	MH	70 - 130 %

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

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

Comments:

TRIP BLANK INCLUDED.

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

February 07, 2023

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 Fax (860) 645-0823



QA/QC Report

February 07, 2023

QA/QC Data

SDG I.D.: GCN33270

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 662600 (mg/L), QC Sample No: CN33334 (CN33270)													
<u>ICP Metals - Aqueous</u>													
Cadmium	BRL	0.0005	<0.001	<0.0005	NC	103	104	1.0	107			80 - 120	20
Chromium	BRL	0.0005	0.001	0.0015	NC	104	105	1.0	106			80 - 120	20
Copper	BRL	0.0025	0.006	0.0065	NC	105	106	0.9	112			80 - 120	20
Iron	BRL	0.0050	0.010	<0.0050	NC	104	105	1.0	108			80 - 120	20
Nickel	BRL	0.0005	<0.001	0.0009	NC	105	105	0.0	106			80 - 120	20
Zinc	BRL	0.0020	0.008	0.0080	NC	101	102	1.0	109			80 - 120	20

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.



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QA/QC Report

February 07, 2023

QA/QC Data

SDG I.D.: GCN33270

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 662242 (mg/L), QC Sample No: CN32861 (CN33270)													
Chromium, Hexavalent	BRL	0.01	<0.01	<0.01	NC	108			112			90 - 110	20
Comment:													
Additional Hexavalent Chromium criteria: LCS acceptance range for waters is 90-110% and MS acceptance range is 85-115%.													



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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

February 07, 2023

QA/QC Data

SDG I.D.: GCN33270

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 662297 (ug/L), QC Sample No: CN31188 (CN33270)										
<u>Polychlorinated Biphenyls</u>										
PCB-1016	ND	0.050	95	96	1.0				50 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	94	100	6.2				30 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	96	%	98	104	5.9				30 - 150	20
% DCBP (Surrogate Rec) (Confirm)	94	%	97	103	6.0				30 - 150	20
% TCMX (Surrogate Rec)	81	%	77	87	12.2				30 - 150	20
% TCMX (Surrogate Rec) (Confirm)	85	%	83	92	10.3				30 - 150	20

Comment:

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

QA/QC Batch 662565 (ug/L), QC Sample No: CN33204 (CN33270, CN33271)

Volatiles

1,1,1-Trichloroethane	ND	1.0	98	98	0.0	95	97	2.1	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	111	111	0.0	105	110	4.7	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	95	96	1.0	96	99	3.1	71 - 129	20
1,1-Dichloroethane	ND	1.0	95	96	1.0	99	97	2.0	72 - 128	20
1,1-Dichloroethene	ND	1.0	98	97	1.0	101	101	0.0	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	103	102	1.0	105	106	0.9	63 - 137	20
1,2-Dichloroethane	ND	1.0	100	96	4.1	101	101	0.0	68 - 132	20
1,2-Dichloropropane	ND	1.0	98	97	1.0	100	101	1.0	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	103	101	2.0	104	107	2.8	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	101	101	0.0	105	106	0.9	63 - 137	20
Benzene	ND	0.70	94	95	1.1	102	102	0.0	64 - 136	20
Bromodichloromethane	ND	0.50	91	92	1.1	87	92	5.6	65 - 135	20
Bromoform	ND	1.0	106	111	4.6	91	104	13.3	71 - 129	20
Bromomethane	ND	1.0	104	101	2.9	110	111	0.9	40 - 160	20
Carbon Disulfide	ND	1.0	89	89	0.0	92	90	2.2	70 - 130	30
Carbon tetrachloride	ND	1.0	95	92	3.2	81	90	10.5	73 - 127	20
Chlorobenzene	ND	1.0	103	104	1.0	108	110	1.8	66 - 134	20
Chloroethane	ND	1.0	69	70	1.4	74	66	11.4	40 - 160	20
Chloroform	ND	1.0	96	96	0.0	99	101	2.0	67 - 133	20
Chloromethane	ND	1.0	90	91	1.1	93	94	1.1	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	97	99	2.0	99	101	2.0	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	90	89	1.1	75	80	6.5	40 - 160	20
Dibromochloromethane	ND	0.50	106	108	1.9	96	106	9.9	67 - 133	20

QA/QC Data

SDG I.D.: GCN33270

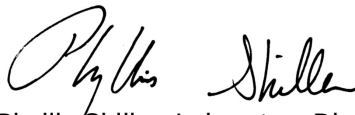
Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	104	105	1.0	108	110	1.8	59 - 141	20
m&p-Xylene	ND	1.0	104	105	1.0	108	110	1.8	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	101	1.0	98	98	0.0	70 - 130	30
Methylene chloride	ND	1.0	88	89	1.1	94	92	2.2	60 - 140	20
Naphthalene	ND	1.0	109	110	0.9	99	108	8.7	70 - 130	30
o-Xylene	ND	1.0	101	102	1.0	105	107	1.9	70 - 130	30
Tetrachloroethene	ND	1.0	92	92	0.0	94	97	3.1	73 - 127	20
Toluene	ND	1.0	96	96	0.0	98	101	3.0	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	96	98	2.1	102	99	3.0	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	87	86	1.2	62	69	10.7	50 - 150	20
Trichloroethene	ND	1.0	103	102	1.0	104	107	2.8	66 - 134	20
Trichlorofluoromethane	ND	1.0	103	102	1.0	108	106	1.9	48 - 152	20
Vinyl chloride	ND	1.0	100	101	1.0	102	102	0.0	40 - 160	20
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	97	%	99	100	1.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	97	%	95	96	1.0	98	95	3.1	70 - 130	30
% Toluene-d8	91	%	92	92	0.0	92	93	1.1	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
 February 07, 2023

Tuesday, February 07, 2023

Criteria: NY: DEP EFF
State: NY

Sample Criteria Exceedances Report
GCN33270 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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



Analysis Comments

February 07, 2023

SDG I.D.: GCN33270

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

PCB 608 Narration

AU-ECD24 02/01/23-1: CN33270

The following Continuing Calibration compounds did not meet % deviation criteria:

Samples: CN33270

Preceding CC 201B022_1 - None.

Succeeding CC 201B036 - PCB 1016 17%H (15%)



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NY Temperature Narration

February 07, 2023

SDG I.D.: GCN33270

The samples in this delivery group were received at 1.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Bobbi Aloisa

From: Bobbi Aloisa
Sent: Tuesday, January 31, 2023 9:58 PM
To: James Wilkinson, PE; Bobbi Aloisa
Subject: 624 issue
Attachments: GCN33270-ChainofCustody-1.pdf

Hi James

We can't report the following compounds (listed below) on the attached chain for samples 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

Bobbi Aloisa

Vice President | Director of Client Services

Phoenix Environmental Laboratories, Inc.

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