ENSAFE
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September 9, 2021

Ms. Kerry Maloney, P.G. Via email: Kerry.maloney@dec.ny.gov
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Re: Progress Report: August 2021
Frost Street Sites: Site ID Nos. 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 August 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 August 9, 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 [45,899 µg/m^3]) 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 ($\mu g/m^3$)[2]**	**August 2021 Effluent Concentration ($\mu g/m^3$)**
Trichloroethene	500	19,000	13.5
Tetrachloroethene	1,000	38,000	54.5
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene[3]	100	3,800	472

Notes:

ft/min cubic feet per minute

lbs/year pounds per year

$\mu g/m^3$ 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 August except for August 12 at 2:30 PM to August 16 at 11:00 AM due to a thunderstorm and for 2 hours midday on August 25 due to a thunderstorm.

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 third quarter groundwater sampling event was performed the week of August 30. Results will be submitted in a forthcoming report.

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

Sincerely,

EnSafe, Inc., by

Alexandra M. J. Stark

Alexandra Stark, P.E.

Attachments

Copies:	A. Tamuno, Esq., NYSDEC	*Via email to amtamuno@gw.dec.state.ny.us*
	C. Bethoney, NYSDOH	*Via email to charlotte.bethoney@health.ny.gov*
	J. Nealon, NYSDOH	*Via email to jacquelyn.nealon@health.ny.gov*
	R. Putnam, NCDOH	*Via email to rputnam@nassaucountyny.gov*
	J. Vasquez, U.S. EPA	*Via email to vazquez.julio@epa.gov*
	T. Pupilla, Sanders Equities	*Via email to tpupilla@sandersequities.com*
	J. Privitera, Esq.	*Via email to jprivitera@woh.com*
	P. Coop, EnSafe	*Via email to pcoop@ensafe.com*
	J. Wilkinson, Envirotrac	*Via email to jamesw@envirotrac.com*

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: 9-Aug
Weather / Temp: Cloudy / 85 DEG
Technician / Operator: JW

Arrival Time: 11:30
Departure Time: 12:30

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	OFF	OFF	AS Compressor 1 (ON/OFF)	ON	ON
SVE Blower 2 (ON/OFF)	ON	ON	AS Compressor 2 (ON/OFF)	OFF	OFF
			Air Cooler (ON/OFF)	ON	ON

Soil Vapor Extraction System

Blower Air Velocity/Flow Rate (fpm)/(cfm)	4400	864	Blower 1 Total Runtime (hrs)	62,197.3
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	62,675.0
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0
Blower Inlet Vacuum ("H2O)	48		Blower 2 Air Filter Differential Pressure ("H2O)	0
Moisture Separator Vacuum ("Hg)	3.5		VGAC-1 Influent PID (ppm)	2.0
VGAC-1 Influent Vacuum ("H2O)	36		VGAC-1 Effluent PID (ppm)	0.0
VGAC-1 Effluent Vacuum ("H2O)	40		VGAC-2 Influent PID (ppm)	2.0
VGAC-2 Influent Vacuum ("H2O)	32		VGAC-2 Effluent PID (ppm)	0.0
VGAC-2 Effluent Vacuum ("H2O)	36		VGAC-3 Influent PID (ppm)	0.0
VGAC-3 Influent Vacuum ("H2O)	50		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Effluent Vacuum ("H2O)	56		Blower Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)			Transfer Pump Total Runtime (hrs)	25,044.8
Blower Effluent Pressure ("H2O)	8		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)	40	6500	142	3.0	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	34	4000	87	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	44	4000	87	2.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	44	2800	61	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	35	4600	100	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	40	5800	127	8.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	33	4000	87	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	37	2800	61	0.0

Air Sparge System

Compressor 1 Pressure (psi)	15	Compressor 2 Pressure (psi)	Off
Compressor 1 Runtime (hrs)	3,754.1	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)	17	AS Manifold Temperature (degF)	90
Air Cooler Outlet Pressure (psi)	14	AS Manifold Pressure	13

AS Manifold Legs - Pressure/Flow Rate

	Pressure	Flow Rate		Pressure	Flow Rate
AS-1 (psi)/(cfm)	5	10	AS-11 (psi)/(cfm)	16	4
AS-2 (psi)/(cfm)	2	10	AS-12B (psi)/(cfm)	16	12
AS-3 (psi)/(cfm)	16	9	AS-13B (psi)/(cfm)	15	12
AS-4 (psi)/(cfm)	15	4	AS-14 (psi)/(cfm)	17	14
AS-5 (psi)/(cfm)	17	14	AS-15 (psi)/(cfm)	15	10
AS-6 (psi)/(cfm)	17	10	AS-16B (psi)/(cfm)	15	11
AS-7 (psi)/(cfm)	17	9	AS-17 (psi)/(cfm)	17	8
AS-8 (psi)/(cfm)	15	11	AS-18 (psi)/(cfm)	15	10
AS-9 (psi)/(cfm)	16	10	AS-19 (psi)/(cfm)	16	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: 9-Aug
Weather / Temp: Cloudy / 85 DEG
Technician / Operator: JW

Arrival Time: 11:30
Departure Time: 12:30

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	

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-Aug
Weather / Temp: Cloudy / 80 DEG
Technician / Operator: MS

Arrival Time: 9:00
Departure Time: 13:00

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	OFF	OFF	AS Compressor 1 (ON/OFF)	ON	ON
SVE Blower 2 (ON/OFF)	ON	ON	AS Compressor 2 (ON/OFF)	OFF	OFF
			Air Cooler (ON/OFF)	ON	ON

Soil Vapor Extraction System

Blower Air Velocity/Flow Rate (fpm)/(cfm)	4500	884	Blower 1 Total Runtime (hrs)	62,292.1
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	62,770.4
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0
Blower Inlet Vacuum ("H2O)	53		Blower 2 Air Filter Differential Pressure ("H2O)	0
Moisture Separator Vacuum ("Hg)	3.5		VGAC-1 Influent PID (ppm)	2.4
VGAC-1 Influent Vacuum ("H2O)	36		VGAC-1 Effluent PID (ppm)	0.0
VGAC-1 Effluent Vacuum ("H2O)	40		VGAC-2 Influent PID (ppm)	2.4
VGAC-2 Influent Vacuum ("H2O)	32		VGAC-2 Effluent PID (ppm)	0.0
VGAC-2 Effluent Vacuum ("H2O)	36		VGAC-3 Influent PID (ppm)	0.0
VGAC-3 Influent Vacuum ("H2O)	50		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Effluent Vacuum ("H2O)	56		Blower Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)			Transfer Pump Total Runtime (hrs)	25,044.8
Blower Effluent Pressure ("H2O)	8		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		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	36	4000	87	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	44	4000	87		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	46	3000	65	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	36	4800	105		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	40	6000	131	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	36	4000	87		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	40	3000	65	

Air Sparge System

Compressor 1 Pressure (psi)	14.5	Compressor 2 Pressure (psi)	Off
Compressor 1 Runtime (hrs)	3,944.3	Compressor 2 Temperature (degF)	Off
Air Cooler Inlet Temperature (degF)	220	Compressor 2 Regulator Pressure (psi)	Off
Air Cooler Outlet Temperature (degF)	94	Compressor 2 Runtime (hrs)	40,734
Air Cooler Inlet Pressure (psi)	17	AS Manifold Temperature (degF)	94
Air Cooler Outlet Pressure (psi)	14	AS Manifold Pressure	13

AS Manifold Legs - Pressure/Flow Rate

	Pressure	Flow Rate		Pressure	Flow Rate
AS-1 (psi)/(cfm)	16	10	AS-11 (psi)/(cfm)	16	4
AS-2 (psi)/(cfm)	5	5	AS-12B (psi)/(cfm)	16	12
AS-3 (psi)/(cfm)	16	10	AS-13B (psi)/(cfm)	16	13
AS-4 (psi)/(cfm)	15	4	AS-14 (psi)/(cfm)	17	14
AS-5 (psi)/(cfm)	17	15	AS-15 (psi)/(cfm)	16	11
AS-6 (psi)/(cfm)	17	13	AS-16B (psi)/(cfm)	15	12
AS-7 (psi)/(cfm)	17	9	AS-17 (psi)/(cfm)	17	8
AS-8 (psi)/(cfm)	15	10	AS-18 (psi)/(cfm)	15	10
AS-9 (psi)/(cfm)	16	10	AS-19 (psi)/(cfm)	15	6
AS-10B (psi)/(cfm)	15	10			

Notes, Comments & Observations:

Performed semi-annual claw pump maintenance.

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-Aug
Weather / Temp: Cloudy / 80 DEG
Technician / Operator: MS

Arrival Time: 9:00
Departure Time: 13:00

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	Y	28.7
-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	Y	Changed oil and greases bearing.
-Inspect Filters	Weekly	Y	Changed Inlet Filter.
-Amp Draw	Quarterly	Y	26
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

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 12, 2021

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

Project ID: ENSAFE WESTBURY
SDG ID: GCI93895
Sample ID#s: CI93895 - CI93896

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,

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

August 12, 2021

SDG I.D.: GCI93895

Project ID: ENSAFE WESTBURY

Client Id	Lab Id	Matrix
SVE EFFLUENT	CI93895	AIR
SVE INFLUENT	CI93896	AIR

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 12, 2021

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JW	08/09/21	11:46
Location Code:	ENVIROTR	Received by:	SW	08/10/21	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	807				

Laboratory Data

SDG ID: GCI93895
Phoenix ID: CI93895

Project ID: ENSAFE WESTBURY
Client ID: SVE EFFLUENT

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*	08/11/21	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	08/11/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/11/21	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	08/11/21	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	08/11/21	KCA	1	
1,1-Dichloroethene	0.058	*0.051*	0.23	*0.20*	08/11/21	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	08/11/21	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	08/11/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	08/11/21	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/11/21	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	08/11/21	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	08/11/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	08/11/21	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	08/11/21	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	08/11/21	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/11/21	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/11/21	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	08/11/21	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	08/11/21	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	08/11/21	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	08/11/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	08/11/21	KCA	1	
Acetone	4.21	*0.421*	10.0	*1.00*	08/11/21	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	08/11/21	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	08/11/21	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	08/11/21	KCA	1	

Project ID: ENSAFE WESTBURY
Client ID: SVE EFFLUENT

Phoenix I.D.: CI93895

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	08/11/21	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	08/11/21	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	08/11/21	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	08/11/21	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	08/11/21	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	08/11/21	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	08/11/21	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	08/11/21	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	08/11/21	KCA	1	
Cis-1,2-Dichloroethene	119	*0.252*	472	*1.00*	08/11/21	KCA	5	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	08/11/21	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	08/11/21	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	08/11/21	KCA	1	
Dichlorodifluoromethane	0.553	*0.202*	2.73	*1.00*	08/11/21	KCA	1	
Ethanol	20.9	*0.531*	39.4	*1.00*	08/11/21	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	08/11/21	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	08/11/21	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	08/11/21	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	08/11/21	KCA	1	
Hexane	2.41	*0.284*	8.49	*1.00*	08/11/21	KCA	1	
Isopropylalcohol	1.00	*0.407*	2.46	*1.00*	08/11/21	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	08/11/21	KCA	1	
m,p-Xylene	0.297	*0.230*	1.29	*1.00*	08/11/21	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	08/11/21	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	08/11/21	KCA	1	
Methylene Chloride	13.6	*0.864*	47.2	*3.00*	08/11/21	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	08/11/21	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	08/11/21	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	08/11/21	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	08/11/21	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	08/11/21	KCA	1	
Tetrachloroethene	8.04	*0.037*	54.5	*0.25*	08/11/21	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	08/11/21	KCA	1	1
Toluene	0.510	*0.266*	1.92	*1.00*	08/11/21	KCA	1	
Trans-1,2-Dichloroethene	1.15	*0.252*	4.56	*1.00*	08/11/21	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	08/11/21	KCA	1	
Trichloroethene	2.51	*0.037*	13.5	*0.20*	08/11/21	KCA	1	
Trichlorofluoromethane	0.284	*0.178*	1.59	*1.00*	08/11/21	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	08/11/21	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	08/11/21	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	100	*%*	100	*%*	08/11/21	KCA	1	
% IS-1,4-Difluorobenzene	108	*%*	108	*%*	08/11/21	KCA	1	
% IS-Bromochloromethane	106	*%*	106	*%*	08/11/21	KCA	1	
% IS-Chlorobenzene-d5	107	*%*	107	*%*	08/11/21	KCA	1	
% Bromofluorobenzene (5x)	101	*%*	101	*%*	08/11/21	KCA	5	
% IS-1,4-Difluorobenzene (5x)	104	*%*	104	*%*	08/11/21	KCA	5	
% IS-Bromochloromethane (5x)	105	*%*	105	*%*	08/11/21	KCA	5	
% IS-Chlorobenzene-d5 (5x)	100	*%*	100	*%*	08/11/21	KCA	5	

Ver 1

Project ID: ENSAFE WESTBURY
Client ID: SVE EFFLUENT

Phoenix I.D.: CI93895

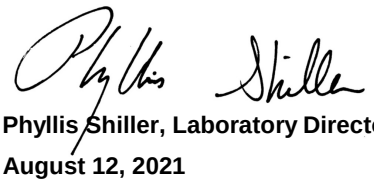
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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 (preceeded 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

August 12, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 12, 2021

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JW	08/09/21	11:51
Location Code:	ENVIROTR	Received by:	SW	08/10/21	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	744				

Laboratory Data

SDG ID: GCI93895
Phoenix ID: CI93896

Project ID: ENSAFE WESTBURY
Client ID: SVE INFLUENT

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	08/11/21	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	08/11/21	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	08/11/21	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	08/11/21	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	08/11/21	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	08/11/21	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	08/11/21	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	08/11/21	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	08/11/21	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	08/11/21	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	08/11/21	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	08/11/21	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	08/11/21	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	08/11/21	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	08/11/21	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	08/11/21	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	08/11/21	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	08/11/21	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	08/11/21	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	08/11/21	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	08/11/21	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	08/11/21	KCA	5	
Acetone	6.38	*2.11*	15.1	*5.01*	08/11/21	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	08/11/21	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	08/11/21	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	08/11/21	KCA	5	

Project ID: ENSAFE WESTBURY
Client ID: SVE INFLUENT

Phoenix I.D.: CI93896

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	08/11/21	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	08/11/21	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	08/11/21	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	08/11/21	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	08/11/21	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	08/11/21	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	08/11/21	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	08/11/21	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	08/11/21	KCA	5	
Cis-1,2-Dichloroethene	194	*0.252*	769	*1.00*	08/11/21	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	08/11/21	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	08/11/21	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	08/11/21	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	08/11/21	KCA	5	
Ethanol	24.4	*2.66*	45.9	*5.01*	08/11/21	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	08/11/21	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	08/11/21	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	08/11/21	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	08/11/21	KCA	5	
Hexane	2.02	*1.42*	7.12	*5.00*	08/11/21	KCA	5	
Isopropylalcohol	2.87	*2.04*	7.05	*5.01*	08/11/21	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	08/11/21	KCA	5	
m,p-Xylene	ND	*1.15*	ND	*4.99*	08/11/21	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	08/11/21	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	08/11/21	KCA	5	
Methylene Chloride	10.7	*4.32*	37.1	*15.0*	08/11/21	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	08/11/21	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	08/11/21	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	08/11/21	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	08/11/21	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	08/11/21	KCA	5	
Tetrachloroethene	6380	*7.74*	43200	*52.5*	08/12/21	KCA	210	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	08/11/21	KCA	5	1
Toluene	ND	*1.33*	ND	*5.01*	08/11/21	KCA	5	
Trans-1,2-Dichloroethene	1.93	*1.26*	7.65	*4.99*	08/11/21	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	08/11/21	KCA	5	
Trichloroethene	359	*3.91*	1930	*21.0*	08/11/21	KCA	105	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	08/11/21	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	08/11/21	KCA	5	
Vinyl Chloride	ND	*0.391*	ND	*1.00*	08/11/21	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	99	*%*	99	*%*	08/11/21	KCA	5	
% IS-1,4-Difluorobenzene (5x)	103	*%*	103	*%*	08/11/21	KCA	5	
% IS-Bromochloromethane (5x)	103	*%*	103	*%*	08/11/21	KCA	5	
% IS-Chlorobenzene-d5 (5x)	105	*%*	105	*%*	08/11/21	KCA	5	
% Bromofluorobenzene (105x)	98	*%*	98	*%*	08/11/21	KCA	105	
% IS-1,4-Difluorobenzene (105x)	104	*%*	104	*%*	08/11/21	KCA	105	
% IS-Bromochloromethane (105x)	103	*%*	103	*%*	08/11/21	KCA	105	
% IS-Chlorobenzene-d5 (105x)	104	*%*	104	*%*	08/11/21	KCA	105	

Ver 1

Project ID: ENSAFE WESTBURY
Client ID: SVE INFLUENT

Phoenix I.D.: CI93896

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (210x)	100	%	100	%	08/12/21	KCA	210
% IS-1,4-Difluorobenzene (210x)	92	%	92	%	08/12/21	KCA	210
% IS-Bromochloromethane (210x)	93	%	93	%	08/12/21	KCA	210
% IS-Chlorobenzene-d5 (210x)	90	%	90	%	08/12/21	KCA	210

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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
August 12, 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

August 12, 2021

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

Location Code: ENVIROTR

SDG I.D.: GCI93895

Project ID: ENSAFE WESTBURY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SVE EFFLUENT	CI93895	807	1.4L		08/05/21	-30	-1		\B SAM				08/09/21 11:45	08/09/21 11:46
SVE INFLUENT	CI93896	744	1.4L		08/05/21	-30	-4		\B SAM				08/09/21 11:50	08/09/21 11:51

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 12, 2021

QA/QC Data

SDG I.D.: GCI93895

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 587303 (ppbv), QC Sample No: CI93892 (CI93895 (1X, 5X) , CI93896 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	119	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	107	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	113	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	114	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	113	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	92	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	113	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	117	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	120	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	84	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	112	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	114	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	112	11.4	10.9	4.79	4.60	4.0	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	95	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	109	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	99	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	113	0.47	0.48	0.075	0.077	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	111	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	100	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	101	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	110	2.52	2.43	0.509	0.491	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	97	10.9	11.3	5.77	6.02	4.2	70 - 130	25

QA/QC Data

SDG I.D.: GCI93895

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	0.280	ND	1.01	118	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	92	1.80	1.64	0.510	0.465	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	100	1.02	1.13	0.416	0.458	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	102	1.21	1.20	0.410	0.407	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	106	3.42	3.24	0.986	0.934	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	107	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	114	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	111	1.19	0.54	0.175	0.080	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	93	1.33	1.28	0.353	0.341	NC	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	97	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	112	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	117	1.37	1.38	0.244	0.246	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	97	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	100	%	100	%	103	99	100	99	100	NC	70 - 130	25
% IS-1,4-Difluorobenzene	105	%	105	%	103	101	101	101	101	NC	60 - 140	25
% IS-Bromochloromethane	106	%	106	%	105	102	102	102	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	102	%	102	%	102	99	98	99	98	NC	60 - 140	25
QA/QC Batch 587499 (ppbv), QC Sample No: CI95027 (CI93896 (105X, 210X))												
Volatiles												
Tetrachloroethene	ND	0.037	ND	0.25	109	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	110	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	102	101	101	101	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	101	96	95	96	95	NC	60 - 140	25
% IS-Bromochloromethane	101	%	101	%	103	97	96	97	96	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	101	94	94	94	94	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
August 12, 2021

Thursday, August 12, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCI93895 - ENVIROTR

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

August 12, 2021 SDG I.D.: GCI93895

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

AIRSIM

CHEM24 08/10/21-1: CI93895, CI93896

The following Continuing Calibration compounds did not meet % deviation criteria: Bromoform(sim) 42%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: Bromoform(sim) 42%H (30%)

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES
800-827-5426
email: greg@phoenixlabs.com

P.O. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: jamesw@envirotrac.com
☐ Phone #:

Report to: James Wilkinson
Customer: EnviroTrac
Address: 5 Old Dock Road
Yaphank, NY

Project Name: Exxate - Westbury
Invoice to: EnviroTrac
Sampled by: Jim Wilkinson

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B
MCP NJ Deliverables
Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES		
93895	SVE Effluent	807	1.4	-30	-1	NA	NA	11:45	11:46	8/9					G	✓		
93896	SVE Influent	744	1.4	-30	-4	NA	NA	11:50	11:51	8/9					G	✓		
	1.4L Grab																	

Relinquished by:	Accepted by:	Date:	Time:
		8-10-21	9:30
	Krystal Hall	8-10-21	15:00

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: _____

Turnaround Time:
1 Day ☐
2 Day ☐
3 Day ☐
4 Day ☐
5 Day ☐

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

PEL-115 Rev. 9/2019