ENSAFE
creative thinking. custom solutions. ®

February 10, 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: January 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 January 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).

  — Two alarm calls were received in January 2021 due to the moisture separator pump not turning on. The alarms were rectified by replacing the low level float switch.

  — The new compressor was installed the weeks of January 5 and 11, as described in the November 2020 Progress Report. The new control panel will be installed the week of February 8.

- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on January 27, 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 [31,965 µg/m^3]) continue to indicate significant mass extraction, which is expected since the AS portion of the system resumed operation in November.

– Effluent concentrations are below the carbon exchange indicator concentrations, as shown below. A carbon exchange was performed on January 5.

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 2021 Effluent Concentration (µg/m^3)**
Trichloroethene	500	19,000	ND
Tetrachloroethene	1,000	38,000	3.45
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/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.

- System condensate water was discharged from the holding tank to the sewer via the onsite connection (January 27– 550 gallons). All water is treated via activate carbon adsorption prior to discharge. Groundwater concentrations did not exceed applicable limits (1 part per million total volatile organic compounds), as shown in Appendix C.

Groundwater Extraction System – Operable Unit 2

The pumps in EX-1A, EX-1B, EX-1C, and EX-1D operated near design flow rates (30, 30, 48, and 48 gallons per minute, respectively) for all of January.

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 first quarter 2021 groundwater sampling event will be performed the week of February 8.

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*
	K. Maldonado, Esq.	*Via email to kevinmaldonado64@yahoo.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: 18-Jan
Weather / Temp: Clear / 45 DEG
Technician / Operator: JW, OL

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

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	OFF	ON	Sensaphone (ON/OFF)	ON	ON
SVE Blower 2 (ON/OFF)	OFF	OFF	Surge Protection (ON/OFF)	ON	ON
AS Compressor 1 (ON/OFF)	OFF	OFF	Lightning Protection (White/Black)	White	White
AS Compressor 2 (ON/OFF)	OFF	ON			

Soil Vapor Extraction System

Blower Air Velocity/Flow Rate (fpm)/(cfm)	4300	844	Blower 1 Total Runtime (hrs)	60,142.2
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	60,811.2
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0
Moisture Separator Vacuum ("Hg)	4		Blower 2 Air Filter Differential Pressure ("H2O)	0
VGAC-1 Influent Vacuum ("H2O)	50		VGAC-1 Influent PID (ppm)	9.0
VGAC-1 Effluent Vacuum ("H2O)	54		VGAC-1 Effluent PID (ppm)	0.1
VGAC-2 Influent Vacuum ("H2O)	50		VGAC-2 Influent PID (ppm)	9.0
VGAC-2 Effluent Vacuum ("H2O)	50		VGAC-2 Effluent PID (ppm)	0.1
VGAC-3 Influent Pressure ("H2O)	6		VGAC-3 Influent PID (ppm)	0.1
VGAC-3 Effluent Prerssure ("H2O)	2		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)	NA		Blower Effluent PID (ppm)	0.1
Blower Effluent Pressure ("H2O)	10			
Transfer Pump Total Runtime (hrs)	25,042.1		Condensate Storage Tank Level (gal)	400

SVE Manifold Legs - Vacuum/Flow Rate/PID

	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	52	7500	164		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	44	4100	89	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	54	4500	98		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	44	3100	68	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	44	5200	113		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	44	6600	144	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	44	4400	96		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	44	3100	68	

Air Sparge System

Compressor 1 Pressure (psi)	Off for repairs	Compressor 2 Pressure (psi)	80
Compressor 1 Temperature (degF)	Off for repairs	Compressor 2 Temperature (degF)	149
Compressor 1 Runtime (hrs)	27,317	Compressor 2 Runtime (hrs)	40,274
Manifold Regulator Pressure (psi)	77		

AS Manifold Legs - Pressure/Flow Rate

	Pressure	Flow Rate		Pressure	Flow Rate
AS-1 (psi)/(cfm)	20	6	AS-11 (psi)/(cfm)	18	10
AS-2 (psi)/(cfm)	19	4	AS-12B (psi)/(cfm)	19	7
AS-3 (psi)/(cfm)	18	14	AS-13B (psi)/(cfm)	18	7
AS-4 (psi)/(cfm)	8	4	AS-14 (psi)/(cfm)	18	7
AS-5 (psi)/(cfm)	19	10	AS-15 (psi)/(cfm)	17	10
AS-6 (psi)/(cfm)	20	10	AS-16B (psi)/(cfm)	17	10
AS-7 (psi)/(cfm)	19	10	AS-17 (psi)/(cfm)	19	4
AS-8 (psi)/(cfm)	18	10	AS-18 (psi)/(cfm)	18	10
AS-9 (psi)/(cfm)	18	10	AS-19 (psi)/(cfm)	17	10
AS-10B (psi)/(cfm)	15	11			

Notes, Comments & Observations:

System off upon arrival due to high level in moisture separator.

Replaced low level switch on moisture separator and restarted system.

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: 18-Jan
Weather / Temp: Clear / 45 DEG
Technician / Operator: JW, OL

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	
-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	N	Off for repairs.
-Lubricate	As Required	N	
-Inspect Filters	Weekly	N	
-Amp Draw	Quarterly	N	
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	Y	
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: 27-Jan
Weather / Temp: Clear / 30 DEG
Technician / Operator: JW

Arrival Time: 9:00
Departure Time: 10:00

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	OFF	ON	Sensaphone (ON/OFF)	ON	ON
SVE Blower 2 (ON/OFF)	ON	OFF	Surge Protection (ON/OFF)	ON	ON
AS Compressor 1 (ON/OFF)	OFF	OFF	Lightning Protection (White/Black)	White	White
AS Compressor 2 (ON/OFF)	ON	ON			

Soil Vapor Extraction System

Blower Air Velocity/Flow Rate (fpm)/(cfm)	4200	825	Blower 1 Total Runtime (hrs)	60,232.8
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	60,894.8
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0
Moisture Separator Vacuum ("Hg)	4		Blower 2 Air Filter Differential Pressure ("H2O)	0
VGAC-1 Influent Vacuum ("H2O)	47		VGAC-1 Influent PID (ppm)	9.8
VGAC-1 Effluent Vacuum ("H2O)	53		VGAC-1 Effluent PID (ppm)	0.2
VGAC-2 Influent Vacuum ("H2O)	49		VGAC-2 Influent PID (ppm)	9.8
VGAC-2 Effluent Vacuum ("H2O)	50		VGAC-2 Effluent PID (ppm)	0.2
VGAC-3 Influent Pressure ("H2O)	6		VGAC-3 Influent PID (ppm)	0.2
VGAC-3 Effluent Prerssure ("H2O)	2		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)	NA		Blower Effluent PID (ppm)	0.2
Blower Effluent Pressure ("H2O)	10			
Transfer Pump Total Runtime (hrs)	25,042.3		Condensate Storage Tank Level (gal)	550 -> 0

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	11.4	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	42	4100	89	0.2
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	52	4000	87	12.8	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	42	3000	65	0.3
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	44	5200	113	2.8	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	42	6500	142	17.9
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	44	4200	92	0.9	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	42	3000	65	0.1

Air Sparge System

Compressor 1 Pressure (psi)	Off for repairs	Compressor 2 Pressure (psi)	88
Compressor 1 Temperature (degF)	Off for repairs	Compressor 2 Temperature (degF)	160
Compressor 1 Runtime (hrs)	27,317	Compressor 2 Runtime (hrs)	40,448
Manifold Regulator Pressure (psi)	80		

AS Manifold Legs - Pressure/Flow Rate

	Pressure	Flow Rate		Pressure	Flow Rate
AS-1 (psi)/(cfm)	17	10	AS-11 (psi)/(cfm)	15	10
AS-2 (psi)/(cfm)	16	6	AS-12B (psi)/(cfm)	16	10
AS-3 (psi)/(cfm)	16	10	AS-13B (psi)/(cfm)	15	11
AS-4 (psi)/(cfm)	15	4	AS-14 (psi)/(cfm)	15	11
AS-5 (psi)/(cfm)	17	10	AS-15 (psi)/(cfm)	16	10
AS-6 (psi)/(cfm)	16	`0	AS-16B (psi)/(cfm)	15	10
AS-7 (psi)/(cfm)	16	5	AS-17 (psi)/(cfm)	16	7
AS-8 (psi)/(cfm)	15	10	AS-18 (psi)/(cfm)	15	8
AS-9 (psi)/(cfm)	16	8	AS-19 (psi)/(cfm)	15	7
AS-10B (psi)/(cfm)	15	11			

Notes, Comments & Observations:

Collected monthly air samples.

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

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

Date: 27-Jan
Weather / Temp: Clear / 30 DEG
Technician / Operator: JW

Arrival Time: 9:00
Departure Time: 10:00

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	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	N	Off for repairs.
-Lubricate	As Required	N	
-Inspect Filters	Weekly	N	
-Amp Draw	Quarterly	N	
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	Y	
AS Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
-Drain Filters/Collectors	Weekly	Y	
-Drain Pressure Tank	Weekly	Y	

ALARM VISIT LOG
AS/SVE SYSTEM
101 FROST STREET, WESTBURY, NY

Alarm Date	Site Visit Date	Personnel	ALARM DESCRIPTION	Corrective Action	SVE Status Upon Departure	AS Status Upon Departure
1/12/2021	1/13/2021	JW	High water level in moisture separator.	Pumped down tank, restarted.	ON	ON
1/17/2021	1/18/2021	JW, OL	High water level in moisture separator.	Replaced low level float switch, pumped down tank, restarted.	ON	ON

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

PHOENIX
Environmental Laboratories, Inc.

Friday, January 29, 2021

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

Project ID: **ENSAFE WESTBURY**
SDG ID: **GCH53391**
Sample ID#s: **CH53391 - CH53392**

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

January 29, 2021

SDG I.D.: GCH53391

Project ID: ENSAFE WESTBURY

Client Id	Lab Id	Matrix
SVE INFLUENT	CH53391	AIR
SVE EFFLUENT	CH53392	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

January 29, 2021

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JW	01/26/21	9:46
Location Code:	ENVIROTR	Received by:	B	01/27/21	15:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	765				

Laboratory Data

SDG ID: GCH53391
Phoenix ID: CH53391

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	*1.46*	ND	*10.0*	01/27/21	KCA	10	1
1,1,1-Trichloroethane	ND	*1.83*	ND	*10.0*	01/27/21	KCA	10	
1,1,2,2-Tetrachloroethane	ND	*1.46*	ND	*10.0*	01/27/21	KCA	10	
1,1,2-Trichloroethane	ND	*1.83*	ND	*10.0*	01/27/21	KCA	10	
1,1-Dichloroethane	ND	*2.47*	ND	*10.0*	01/27/21	KCA	10	
1,1-Dichloroethene	ND	*0.505*	ND	*2.00*	01/27/21	KCA	10	
1,2,4-Trichlorobenzene	ND	*1.35*	ND	*10.0*	01/27/21	KCA	10	
1,2,4-Trimethylbenzene	ND	*2.04*	ND	*10.0*	01/27/21	KCA	10	
1,2-Dibromoethane(EDB)	ND	*1.30*	ND	*10.0*	01/27/21	KCA	10	
1,2-Dichlorobenzene	ND	*1.66*	ND	*10.0*	01/27/21	KCA	10	
1,2-Dichloroethane	ND	*2.47*	ND	*10.0*	01/27/21	KCA	10	
1,2-dichloropropane	ND	*2.17*	ND	*10.0*	01/27/21	KCA	10	
1,2-Dichlorotetrafluoroethane	ND	*1.43*	ND	*10.0*	01/27/21	KCA	10	
1,3,5-Trimethylbenzene	ND	*2.04*	ND	*10.0*	01/27/21	KCA	10	
1,3-Butadiene	ND	*4.52*	ND	*10.0*	01/27/21	KCA	10	
1,3-Dichlorobenzene	ND	*1.66*	ND	*10.0*	01/27/21	KCA	10	
1,4-Dichlorobenzene	ND	*1.66*	ND	*10.0*	01/27/21	KCA	10	
1,4-Dioxane	ND	*2.78*	ND	*10.0*	01/27/21	KCA	10	
2-Hexanone(MBK)	ND	*2.44*	ND	*10.0*	01/27/21	KCA	10	1
4-Ethyltoluene	ND	*2.04*	ND	*10.0*	01/27/21	KCA	10	1
4-Isopropyltoluene	ND	*1.82*	ND	*10.0*	01/27/21	KCA	10	1
4-Methyl-2-pentanone(MIBK)	ND	*2.44*	ND	*10.0*	01/27/21	KCA	10	
Acetone	6.47	*4.21*	15.4	*10.0*	01/27/21	KCA	10	
Acrylonitrile	ND	*4.61*	ND	*10.0*	01/27/21	KCA	10	
Benzene	ND	*3.13*	ND	*10.0*	01/27/21	KCA	10	
Benzyl chloride	ND	*1.93*	ND	*10.0*	01/27/21	KCA	10	

Project ID: ENSAFE WESTBURY
Client ID: SVE INFLUENT

Phoenix I.D.: CH53391

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*1.49*	ND	*10.0*	01/27/21	KCA	10	
Bromoform	ND	*0.968*	ND	*10.0*	01/27/21	KCA	10	
Bromomethane	ND	*2.58*	ND	*10.0*	01/27/21	KCA	10	
Carbon Disulfide	ND	*3.21*	ND	*10.0*	01/27/21	KCA	10	
Carbon Tetrachloride	ND	*0.318*	ND	*2.00*	01/27/21	KCA	10	
Chlorobenzene	ND	*2.17*	ND	*10.0*	01/27/21	KCA	10	
Chloroethane	ND	*3.79*	ND	*10.0*	01/27/21	KCA	10	
Chloroform	ND	*2.05*	ND	*10.0*	01/27/21	KCA	10	
Chloromethane	ND	*4.85*	ND	*10.0*	01/27/21	KCA	10	
Cis-1,2-Dichloroethene	193	*0.505*	765	*2.00*	01/27/21	KCA	10	
cis-1,3-Dichloropropene	ND	*2.20*	ND	*10.0*	01/27/21	KCA	10	
Cyclohexane	ND	*2.91*	ND	*10.0*	01/27/21	KCA	10	
Dibromochloromethane	ND	*1.17*	ND	*10.0*	01/27/21	KCA	10	
Dichlorodifluoromethane	ND	*2.02*	ND	*10.0*	01/27/21	KCA	10	
Ethanol	39.7	*5.31*	74.8	*10.0*	01/27/21	KCA	10	1
Ethyl acetate	ND	*2.78*	ND	*10.0*	01/27/21	KCA	10	1
Ethylbenzene	ND	*2.30*	ND	*10.0*	01/27/21	KCA	10	
Heptane	ND	*2.44*	ND	*10.0*	01/27/21	KCA	10	
Hexachlorobutadiene	ND	*0.938*	ND	*10.0*	01/27/21	KCA	10	
Hexane	ND	*2.84*	ND	*10.0*	01/27/21	KCA	10	
Isopropylalcohol	ND	*4.07*	ND	*10.0*	01/27/21	KCA	10	
Isopropylbenzene	ND	*2.04*	ND	*10.0*	01/27/21	KCA	10	
m,p-Xylene	ND	*2.30*	ND	*10.0*	01/27/21	KCA	10	
Methyl Ethyl Ketone	ND	*3.39*	ND	*10.0*	01/27/21	KCA	10	
Methyl tert-butyl ether(MTBE)	ND	*2.78*	ND	*10.0*	01/27/21	KCA	10	
Methylene Chloride	ND	*8.64*	ND	*30.0*	01/27/21	KCA	10	
n-Butylbenzene	ND	*1.82*	ND	*10.0*	01/27/21	KCA	10	1
o-Xylene	ND	*2.30*	ND	*10.0*	01/27/21	KCA	10	
Propylene	ND	*5.81*	ND	*10.0*	01/27/21	KCA	10	1
sec-Butylbenzene	ND	*1.82*	ND	*10.0*	01/27/21	KCA	10	1
Styrene	ND	*2.35*	ND	*10.0*	01/27/21	KCA	10	
Tetrachloroethene	4430	*5.53*	30000	*37.5*	01/28/21	KCA	150	
Tetrahydrofuran	5.61	*3.39*	16.5	*10.0*	01/27/21	KCA	10	1
Toluene	ND	*2.66*	ND	*10.0*	01/27/21	KCA	10	
Trans-1,2-Dichloroethene	ND	*2.52*	ND	*10.0*	01/27/21	KCA	10	
trans-1,3-Dichloropropene	ND	*2.20*	ND	*10.0*	01/27/21	KCA	10	
Trichloroethene	223	*0.372*	1200	*2.00*	01/27/21	KCA	10	
Trichlorofluoromethane	ND	*1.78*	ND	*10.0*	01/27/21	KCA	10	
Trichlorotrifluoroethane	ND	*1.31*	ND	*10.0*	01/27/21	KCA	10	
Vinyl Chloride	ND	*0.783*	ND	*2.00*	01/27/21	KCA	10	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (10x)	99	*%*	99	*%*	01/27/21	KCA	10	
% IS-1,4-Difluorobenzene (10x)	92	*%*	92	*%*	01/27/21	KCA	10	
% IS-Bromochloromethane (10x)	91	*%*	91	*%*	01/27/21	KCA	10	
% IS-Chlorobenzene-d5 (10x)	94	*%*	94	*%*	01/27/21	KCA	10	
% Bromofluorobenzene (75x)	99	*%*	99	*%*	01/28/21	KCA	75	
% IS-1,4-Difluorobenzene (75x)	96	*%*	96	*%*	01/28/21	KCA	75	
% IS-Bromochloromethane (75x)	98	*%*	98	*%*	01/28/21	KCA	75	
% IS-Chlorobenzene-d5 (75x)	96	*%*	96	*%*	01/28/21	KCA	75	

Ver 1

Project ID: ENSAFE WESTBURY
Client ID: SVE INFLUENT

Phoenix I.D.: CH53391

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (150x)	100	%	100	%	01/28/21	KCA	150
% IS-1,4-Difluorobenzene (150x)	86	%	86	%	01/28/21	KCA	150
% IS-Bromochloromethane (150x)	85	%	85	%	01/28/21	KCA	150
% IS-Chlorobenzene-d5 (150x)	84	%	84	%	01/28/21	KCA	150

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
January 29, 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

January 29, 2021

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JW	01/26/21	9:41
Location Code:	ENVIROTR	Received by:	B	01/27/21	15:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	706				

Laboratory Data

SDG ID: GCH53391
Phoenix ID: CH53392

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*	01/28/21	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/28/21	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/28/21	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/28/21	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/28/21	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	01/28/21	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/28/21	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/28/21	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/28/21	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/28/21	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/28/21	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	01/28/21	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/28/21	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/28/21	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/28/21	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/28/21	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/28/21	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/28/21	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/28/21	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/28/21	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/28/21	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/28/21	KCA	1	
Acetone	1.58	*0.421*	3.75	*1.00*	01/28/21	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/28/21	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	01/28/21	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/28/21	KCA	1	

Project ID: ENSAFE WESTBURY
Client ID: SVE EFFLUENT

Phoenix I.D.: CH53392

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/28/21	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	01/28/21	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	01/28/21	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/28/21	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	01/28/21	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/28/21	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	01/28/21	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	01/28/21	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	01/28/21	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	01/28/21	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/28/21	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/28/21	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	01/28/21	KCA	1	
Dichlorodifluoromethane	0.421	*0.202*	2.08	*1.00*	01/28/21	KCA	1	
Ethanol	1.37	*0.531*	2.58	*1.00*	01/28/21	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/28/21	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	01/28/21	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	01/28/21	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/28/21	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	01/28/21	KCA	1	
Isopropylalcohol	1.38	*0.407*	3.39	*1.00*	01/28/21	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/28/21	KCA	1	
m,p-Xylene	ND	*0.230*	ND	*1.00*	01/28/21	KCA	1	
Methyl Ethyl Ketone	0.854	*0.339*	2.52	*1.00*	01/28/21	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/28/21	KCA	1	
Methylene Chloride	ND	*0.864*	ND	*3.00*	01/28/21	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/28/21	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	01/28/21	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	01/28/21	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/28/21	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	01/28/21	KCA	1	
Tetrachloroethene	0.509	*0.037*	3.45	*0.25*	01/28/21	KCA	1	
Tetrahydrofuran	0.458	*0.339*	1.35	*1.00*	01/28/21	KCA	1	1
Toluene	ND	*0.266*	ND	*1.00*	01/28/21	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/28/21	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/28/21	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	01/28/21	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	01/28/21	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	01/28/21	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	01/28/21	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	100	*%*	100	*%*	01/28/21	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	01/28/21	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	01/28/21	KCA	1	
% IS-Chlorobenzene-d5	100	*%*	100	*%*	01/28/21	KCA	1	

Project ID: ENSAFE WESTBURY
Client ID: SVE EFFLUENT

Phoenix I.D.: CH53392

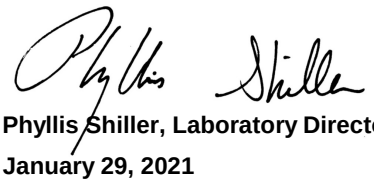
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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
January 29, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

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

January 29, 2021

QA/QC Data

SDG I.D.: GCH53391

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 561719 (ppbv), QC Sample No: CH53559 (CH53391 (10X, 75X, 150X) , CH53392)													
Volatiles													
1,1,1,2-Tetrachloroethane	ND	0.500	ND	3.43	98	ND	ND	ND	ND	NC	70 - 130	25	
1,1,1-Trichloroethane	ND	0.500	ND	2.73	102	9.7	7.14	1.78	1.31	NC	70 - 130	25	
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.14	92	ND	ND	ND	ND	NC	70 - 130	25	
1,1,2-Trichloroethane	ND	0.020	ND	0.11	99	ND	ND	ND	ND	NC	70 - 130	25	
1,1-Dichloroethane	ND	0.150	ND	0.61	103	ND	ND	ND	ND	NC	70 - 130	25	
1,1-Dichloroethene	ND	0.200	ND	0.79	99	ND	ND	ND	ND	NC	70 - 130	25	
1,2,4-Trichlorobenzene	ND	0.054	ND	0.40	72	ND	ND	ND	ND	NC	70 - 130	25	
1,2,4-Trimethylbenzene	ND	0.500	ND	2.46	102	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dibromoethane(EDB)	ND	0.020	ND	0.15	103	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dichlorobenzene	ND	0.100	ND	0.60	90	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dichloroethane	ND	0.020	ND	0.08	101	0.30	0.21	0.073	0.053	NC	70 - 130	25	
1,2-dichloropropane	ND	0.020	ND	0.09	102	ND	ND	ND	ND	NC	70 - 130	25	
1,2-Dichlorotetrafluoroethane	ND	0.500	ND	3.49	102	ND	ND	ND	ND	NC	70 - 130	25	
1,3,5-Trimethylbenzene	ND	0.500	ND	2.46	100	ND	ND	ND	ND	NC	70 - 130	25	
1,3-Butadiene	ND	0.500	ND	1.11	102	ND	ND	ND	ND	NC	70 - 130	25	
1,3-Dichlorobenzene	ND	0.100	ND	0.60	96	ND	ND	ND	ND	NC	70 - 130	25	
1,4-Dichlorobenzene	ND	0.080	ND	0.48	97	ND	ND	ND	ND	NC	70 - 130	25	
1,4-Dioxane	ND	0.130	ND	0.47	82	ND	ND	ND	ND	NC	70 - 130	25	
2-Hexanone(MBK)	ND	0.500	ND	2.05	98	ND	ND	ND	ND	NC	70 - 130	25	
4-Ethyltoluene	ND	0.500	ND	2.46	101	ND	ND	ND	ND	NC	70 - 130	25	
4-Isopropyltoluene	ND	0.500	ND	2.74	99	ND	ND	ND	ND	NC	70 - 130	25	
4-Methyl-2-pentanone(MIBK)	ND	0.500	ND	2.05	103	ND	ND	ND	ND	NC	70 - 130	25	
Acetone	ND	0.750	ND	1.78	84	24.5	16.6	10.3	7.01	38.0	70 - 130	25	r
Acrylonitrile	ND	0.500	ND	1.08	106	ND	ND	ND	ND	NC	70 - 130	25	
Benzene	ND	0.200	ND	0.64	100	ND	ND	ND	ND	NC	70 - 130	25	
Benzyl chloride	ND	0.500	ND	2.59	90	ND	ND	ND	ND	NC	70 - 130	25	
Bromodichloromethane	ND	0.020	ND	0.13	102	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.150	ND	1.55	108	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.140	ND	0.54	93	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.500	ND	1.56	93	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.086	ND	0.54	107	0.58	ND	0.092	ND	NC	70 - 130	25	
Chlorobenzene	ND	0.200	ND	0.92	98	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.500	ND	1.32	96	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	0.500	ND	1.03	119	1.47	ND	0.710	ND	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.200	ND	0.79	101	0.81	ND	0.204	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.100	ND	0.45	108	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.500	ND	1.72	106	ND	ND	ND	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.020	ND	0.17	104	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.500	ND	2.47	91	ND	ND	ND	ND	NC	70 - 130	25	
Ethanol	ND	0.750	ND	1.41	116	190 E	122	101 E	64.6	44.0	70 - 130	25	r

QA/QC Data

SDG I.D.: GCH53391

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	0.500	ND	1.80	122	ND	ND	ND	ND	NC	70 - 130	25	
Ethylbenzene	ND	0.500	ND	2.17	101	ND	ND	ND	ND	NC	70 - 130	25	
Heptane	ND	0.500	ND	2.05	108	ND	ND	ND	ND	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.020	ND	0.21	74	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.450	ND	1.59	108	ND	1.65	ND	0.469	NC	70 - 130	25	
Isopropylalcohol	ND	0.750	ND	1.84	101	248 E	195	101 E	79.3	24.1	70 - 130	25	
Isopropylbenzene	ND	0.500	ND	2.46	97	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	1.00	ND	4.34	104	ND	ND	ND	ND	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.450	ND	1.33	100	1.46	ND	0.495	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.500	ND	1.80	103	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	3.00	ND	10.4	94	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.500	ND	2.74	96	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.500	ND	2.17	103	ND	ND	ND	ND	NC	70 - 130	25	
Propylene	ND	0.500	ND	0.86	103	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.500	ND	2.74	96	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.200	ND	0.85	105	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.100	ND	0.68	99	2.52	1.94	0.372	0.286	NC	70 - 130	25	
Tetrahydrofuran	ND	0.500	ND	1.47	101	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.500	ND	1.88	103	ND	ND	ND	ND	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.200	ND	0.79	103	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.500	ND	2.27	103	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.050	ND	0.27	100	35.2	26.7	6.55	4.97	27.4	70 - 130	25	r
Trichlorofluoromethane	ND	0.500	ND	2.81	98	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.500	ND	3.83	95	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.100	ND	0.26	104	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	100	%	100	%	100	98	100	98	100	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	87	%	87	%	97	65	95	65	95	NC	60 - 140	25	
% IS-Bromochloromethane	87	%	87	%	98	64	96	64	96	NC	60 - 140	25	
% IS-Chlorobenzene-d5	86	%	86	%	101	65	95	65	95	NC	60 - 140	25	

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

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 29, 2021

Friday, January 29, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCH53391 - 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

January 29, 2021 SDG I.D.: GCH53391

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

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	Project Name: EnSafe - Westbury	Data Format: (Circle) Equis Excel Other: pdf
Customer: EnviroTrac	Invoice to:	Requested Deliverable: RCP ASP CAT B
Address: 5 Old Dock Rd		MCP NJ Deliverables
Yaphank, NY	Sampled by: JIM WILKINSON	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	
53391	SVE Influent	766	104	-30	-3	NA	NA	9:45	9:46	1/26					G	✓	
53392	SVE Effluent	706	104	-30	0	NA	NA	9:40	9:41	1/26					G	✓	

Relinquished by:	Accepted by:	Date:	Time:
		1-27-21	11:00
	Krystal Hawk	1-27-21	15:10

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: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(2)(104)
GRAB

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

PEL-115 Rev. 9/2019

Appendix C
Water Sample
Laboratory Analytical Results

PHOENIX
Environmental Laboratories, Inc.

Monday, February 01, 2021

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

Project ID: **ENSAFE WESTBURY**
SDG ID: **GCH53393**
Sample ID#s: **CH53393, CH53548**

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

NY # 11301

Sample Id Cross Reference

February 01, 2021

SDG I.D.: GCH53393

Project ID: ENSAFE WESTBURY

Client Id	Lab Id	Matrix
DISCHARGE WATER	CH53393	GW DISCHARGE
TB	CH53548	GW DISCHARGE

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

February 01, 2021

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

Sample Information		Custody Information		Date	Time
Matrix:	GW DISCHARGE	Collected by:	JW	01/27/21	10:00
Location Code:	ENVIROTR	Received by:	B	01/27/21	15:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH53393
Phoenix ID: CH53393

Project ID: ENSAFE WESTBURY
Client ID: DISCHARGE WATER

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Cadmium	< 0.001	0.001		mg/L	1	01/29/21	CPP	E200.7
Chromium	< 0.001	0.001		mg/L	1	01/29/21	CPP	E200.7
Copper	0.010	0.003		mg/L	1	01/29/21	CPP	E200.7
Iron	0.492	0.005		mg/L	1	01/29/21	CPP	E200.7
Nickel	0.004	0.001		mg/L	1	01/29/21	CPP	E200.7
Zinc	1.14	0.020		mg/L	10	01/30/21	CPP	E200.7
Chromium, Hexavalent	< 0.01	0.01		mg/L	1	01/27/21 16:45	MW	SM3500CRB-11
Total Metals Digestion	Completed					01/28/21	TH/BF	
Volatiles								
1,1,1-Trichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	01/28/21	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1

Project ID: ENSAFE WESTBURY
Client ID: DISCHARGE WATER

Phoenix I.D.: CH53393

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
cis-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/28/21	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	01/28/21	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	01/28/21	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Naphthalene	ND	1.0	1.0	ug/L	1	01/28/21	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	01/28/21	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/28/21	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	1	01/28/21	MH	70 - 130 %
% Bromofluorobenzene	88			%	1	01/28/21	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	01/28/21	MH	70 - 130 %
% Toluene-d8	99			%	1	01/28/21	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 Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 01, 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

February 01, 2021

FOR: Attn: PICK PM by COC add name and eamil
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GW DISCHARGE	Collected by:		01/27/21	
Location Code:	ENVIROTR	Received by:	B	01/27/21	15:10
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCH53393
Phoenix ID: CH53548

Project ID: ENSAFE WESTBURY
Client ID: TB

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	01/28/21	MH	E624.1
1,1,2,2-tetrachloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1,2-Trichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1-Dichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,1-Dichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,2-Dichlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,2-Dichloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,2-Dichloropropane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,3-Dichlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
1,4-Dichlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Benzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Bromodichloromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Bromoform	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Bromomethane	ND	0.50	0.50	ug/L	1	01/28/21	MH	E624.1
Carbon tetrachloride	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chlorobenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chloroethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chloroform	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Chloromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
cis-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/28/21	MH	E624.1
Dibromochloromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Ethylbenzene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
m&p-Xylene	ND	0.50	0.42	ug/L	1	01/28/21	MH	E624.1
Methyl tert-butyl ether (MTBE)	ND	1.0	0.50	ug/L	1	01/28/21	MH	E624.1
Methylene chloride	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1

Project ID: ENSAFE WESTBURY
Client ID: TB

Phoenix I.D.: CH53548

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	1.0	1.0	ug/L	1	01/28/21	MH	E624.1
o-Xylene	ND	0.50	0.45	ug/L	1	01/28/21	MH	E624.1
Tetrachloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Toluene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
trans-1,2-Dichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	01/28/21	MH	E624.1
Trichloroethene	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Trichlorofluoromethane	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
Vinyl chloride	ND	0.50	0.25	ug/L	1	01/28/21	MH	E624.1
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	106			%	1	01/28/21	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	01/28/21	MH	70 - 130 %
% Dibromofluoromethane	109			%	1	01/28/21	MH	70 - 130 %
% Toluene-d8	101			%	1	01/28/21	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 Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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

Phyllis Shiller, Laboratory Director
February 01, 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

NY # 11301

QA/QC Report

February 01, 2021

QA/QC Data

SDG I.D.: GCH53393

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 561787 (mg/L), QC Sample No: CH53084 (CH53393)													
ICP Metals - Aqueous													
Cadmium	BRL	0.0005	<0.001	<0.0005	NC	99.7	99.8	0.1	96.4			80 - 120	20
Chromium	BRL	0.0005	0.006	0.0062	3.30	97.7	97.4	0.3	94.4			80 - 120	20
Copper	BRL	0.0025	0.013	0.0124	NC	96.1	95.1	1.0	104			80 - 120	20
Iron	BRL	0.0050	0.051	0.0568	10.8	101	102	1.0	99.5			80 - 120	20
Nickel	BRL	0.0005	0.156	0.156	0	98.5	98.3	0.2	91.0			80 - 120	20
Zinc	BRL	0.0020	0.005	0.0055	NC	99.8	99.6	0.2	104			80 - 120	20

Comment:

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

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

NY # 11301

QA/QC Report

February 01, 2021

QA/QC Data

SDG I.D.: GCH53393

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 561627 (mg/L), QC Sample No: CH53359 (CH53393)													
Chromium, Hexavalent	BRL	0.01	<0.01	<0.01	NC	95.5			93.6			90 - 110	20

Comment:

Additional Hexavalent Chromium criteria: LCS acceptance range for waters is 90-110% and MS acceptance range is 85-115%.

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

NY # 11301

QA/QC Report

February 01, 2021

QA/QC Data

SDG I.D.: GCH53393

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 561720 (ug/L), QC Sample No: CH53121 (CH53393, CH53548)										
Volatiles										
1,1,1-Trichloroethane	ND	1.0	96	94	2.1	100	97	3.0	75 - 125	20
1,1,2,2-Tetrachloroethane	ND	0.50	95	96	1.0	94	95	1.1	60 - 140	20
1,1,2-Trichloroethane	ND	1.0	92	94	2.2	93	90	3.3	71 - 129	20
1,1-Dichloroethane	ND	1.0	97	98	1.0	97	95	2.1	72 - 128	20
1,1-Dichloroethene	ND	1.0	97	94	3.1	100	96	4.1	50 - 150	20
1,2-Dichlorobenzene	ND	1.0	97	100	3.0	95	96	1.0	63 - 137	20
1,2-Dichloroethane	ND	1.0	96	97	1.0	98	97	1.0	68 - 132	20
1,2-Dichloropropane	ND	1.0	99	103	4.0	95	93	2.1	40 - 160	20
1,3-Dichlorobenzene	ND	1.0	99	100	1.0	99	97	2.0	73 - 127	20
1,4-Dichlorobenzene	ND	1.0	92	94	2.2	92	93	1.1	63 - 137	20
Benzene	ND	0.70	97	99	2.0	96	94	2.1	64 - 136	20
Bromodichloromethane	ND	0.50	100	100	0.0	98	95	3.1	65 - 135	20
Bromoform	ND	1.0	92	95	3.2	99	95	4.1	71 - 129	20
Bromomethane	ND	1.0	118	112	5.2	101	103	2.0	40 - 160	20
Carbon tetrachloride	ND	1.0	99	99	0.0	104	101	2.9	73 - 127	20
Chlorobenzene	ND	1.0	98	99	1.0	97	95	2.1	66 - 134	20
Chloroethane	ND	1.0	113	114	0.9	116	115	0.9	40 - 160	20
Chloroform	ND	1.0	99	99	0.0	99	95	4.1	67 - 133	20
Chloromethane	ND	1.0	123	123	0.0	114	115	0.9	40 - 160	20
cis-1,2-Dichloroethene	ND	1.0	91	93	2.2	91	91	0.0	69 - 131	20
cis-1,3-Dichloropropene	ND	0.40	94	96	2.1	91	93	2.2	40 - 160	20
Dibromochloromethane	ND	0.50	99	99	0.0	99	99	0.0	67 - 133	20
Ethylbenzene	ND	1.0	101	100	1.0	101	98	3.0	59 - 141	20
m&p-Xylene	ND	1.0	105	105	0.0	105	101	3.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	97	101	4.0	100	104	3.9	70 - 130	30
Methylene chloride	ND	1.0	83	83	0.0	86	85	1.2	60 - 140	20
Naphthalene	ND	1.0	100	108	7.7	97	105	7.9	70 - 130	30
o-Xylene	ND	1.0	108	110	1.8	106	109	2.8	70 - 130	30
Tetrachloroethene	ND	1.0	94	99	5.2	98	92	6.3	73 - 127	20
Toluene	ND	1.0	96	96	0.0	95	92	3.2	74 - 126	20
trans-1,2-Dichloroethene	ND	1.0	103	102	1.0	102	102	0.0	69 - 131	20
trans-1,3-Dichloropropene	ND	0.40	89	93	4.4	94	89	5.5	50 - 150	20
Trichloroethene	ND	1.0	93	92	1.1	94	92	2.2	66 - 134	20
Trichlorofluoromethane	ND	1.0	121	121	0.0	132	126	4.7	48 - 152	20
Vinyl chloride	ND	1.0	130	128	1.6	121	124	2.4	40 - 160	20
% 1,2-dichlorobenzene-d4	106	%	100	100	0.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	91	%	100	101	1.0	99	101	2.0	70 - 130	30
% Dibromofluoromethane	105	%	104	101	2.9	105	103	1.9	70 - 130	30
% Toluene-d8	100	%	102	101	1.0	99	98	1.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GCH53393

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD 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
February 01, 2021

Monday, February 01, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCH53393 - 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

February 01, 2021 SDG I.D.: GCH53393

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.
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

NY Temperature Narration

February 01, 2021

SDG I.D.: GCH53393

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

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 2.1 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA 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

Contact Options:
☐ Phone:
☐ Fax:
☑ Email: jamesw@envirotec.com

Customer:
Address:

Project: Ensafe-Westbury
Report to:
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: J. Williams Date: 1/27

Client Sample - Information - Identification

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs EPA 624	Total Cd,Cr,Cu,Fe,Ni,Zn	HEX Chromium	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
53393	DISCHARGE WATER		1/27	10:00	✓	✓	✓				3					1			
	↓		↓	↓									1						
~~5352~~																			
53548	TB																		

Relinquished by:	Accepted by:	Date:	Time:
		1-27-21	11:00
		1-27-21	15:10

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☑ Excel ☐ NJ Hazsite EDD
☑ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY