

June 14, 2023

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

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

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

Dear Mr. Klein,

EnSafe Inc. is pleased to submit this Progress Report for the Frost Street Sites (Site ID Nos. 1-30043 I, L, M) for operation, maintenance, and monitoring (OM&M) activities completed in May 2023 for the onsite air sparge/soil vapor extraction (AS/SVE) and groundwater extraction systems.

Air Sparge/Soil Vapor Extraction System – Operable Unit 1

- AS/SVE system operations continued this month, per the OM&M Manual. During periodic visits, system parameters were logged on dedicated forms (Appendix A). During the month of May, no alarm calls were received.
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on May 3 and May 25, as summarized below. Samples were obtained by EnviroTrac and results are included in Appendix B.
 - May 3 samples were collected directly from system sample ports via Summa canisters. These samples were submitted to Phoenix Environmental Laboratories and analyzed by Method TO-15. Influent results were questionable (very low concentrations of site contaminants of concern), so resampling via a slightly different method was performed.
 - May 25 resamples were collected in Summa canisters via tedlar bags that were filled directly from system sample ports. These samples were submitted to Con-Test (Pace Analytical) and analyzed by Method TO-15.
 - Photoionization detector readings and influent concentrations ("Influent 1"

resample) of Frost Street-related contaminants of concern (tetrachloroethene, trichloroethene, and cis-1,2-dichloroethene [3,374 µg/m³]) continue to indicate significant mass extraction.

- Effluent concentrations are below the carbon exchange indicator concentrations as shown below.

Frost Street Sites Effluent Compliance			
System Flow Rate =		800 ft ³ /min	
Compound	Annual Mass Emission Limit ¹ (lbs/year)	Carbon Exchange Required Indicator Concentration (µg/m ³) ²	May 2023 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	33.7
Tetrachloroethene	1,000	38,000	43.4
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene ³	100	3,800	384

Notes:

ft/min cubic feet per minute

lbs/year pounds per year

µg/m³ micrograms per cubic meter

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

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

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

Groundwater Extraction System – Operable Unit 2

The pumps in EX-1A, EX-1B, EX-1C, and EX-1D operated near design flow rates (30, 30, 48, and 48 gallons per minute, respectively) for all of May except for May 20 at 1:45 PM to May 22 at 12:00 PM due to a power outage. To date, over 371 million gallons of water have been removed by this system.

EnSafe collected and prepared the additional information requested by NYSDEC on February 21, 2019, (additional pressure transducer data and groundwater elevation maps) to facilitate review and comment on the *Expanded Pumping Test Summary, Findings, and Recommendations*, submitted on August 10, 2018. This information was transmitted to NYSDEC on March 22, 2019.

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

Sincerely,

EnSafe, Inc., by



Alexandra Stark, P.E.

Attachments

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

Appendix A
AS/SVE System Operation and Maintenance Logs

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: 3-May
Weather / Temp: Sunny / 54 DEG
Technician / Operator: JW

Arrival Time: 11:30
Departure Time: 13:30

System Status									
	Arrival		Departure			Arrival		Departure	
SVE Blower 1 (ON/OFF)	OFF		ON		AS Compressor 1 (ON/OFF)	ON		ON	
SVE Blower 2 (ON/OFF)	ON		OFF		AS Compressor 2 (ON/OFF)	OFF		OFF	
					Air Cooler (ON/OFF)	ON		ON	
Soil Vapor Extraction System									
Blower Air Velocity/Flow Rate (fpm)/cfm)	4400		864		Blower 1 Total Runtime (hrs)	69,976.0			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	69,601.5			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Blower Inlet Vacuum ("H2O)	50				Blower 2 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	3				VGAC-1 Influent PID (ppm)	1.0			
VGAC-1 Influent Vacuum ("H2O)	44				VGAC-1 Effluent PID (ppm)	0.0			
VGAC-1 Effluent Vacuum ("H2O)	37				VGAC-2 Influent PID (ppm)	1.0			
VGAC-2 Influent Vacuum ("H2O)	38				VGAC-2 Effluent PID (ppm)	0.0			
VGAC-2 Effluent Vacuum ("H2O)	38				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)	53				Blower Effluent PID (ppm)	0.0			
VGAC-3 Influent Temp (DegF)	-				Transfer Pump Total Runtime (hrs)	25,100.4			
Blower Effluent Pressure ("H2O)	8				Condensate Storage Tank Level (gal)	0			
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	<u>Vacuum</u>	<u>Velocity</u>	<u>Flow Rate</u>	<u>PID</u>		<u>Vacuum</u>	<u>Velocity</u>	<u>Flow Rate</u>	<u>PID</u>
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	42	6500	142	3.0	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	36	3800	83	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	44	4000	87	2.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	36	2700	59	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	36	4600	100	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	42	5500	120	5.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	34	4000	87	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	37	2500	55	0.0
Air Sparge System									
Compressor 1 Pressure (psi)	14				Compressor 2 Pressure (psi)	Off			
Compressor 1 Runtime (hrs)	17,752.0				Compressor 2 Temperature (degF)	Off			
Air Cooler Inlet Temperature (degF)	195				Compressor 2 Regulator Pressure (psi)	Off			
Air Cooler Outlet Temperature (degF)	80				Compressor 2 Runtime (hrs)	40,734			
Air Cooler Inlet Pressure (psi)	17				AS Manifold Temperature (degF)	70			
Air Cooler Outlet Pressure (psi)	15.5				AS Manifold Pressure	14			
AS Manifold Legs - Pressure/Flow Rate									
	<u>Pressure</u>		<u>Flow Rate</u>			<u>Pressure</u>		<u>Flow Rate</u>	
AS-1 (psi)/cfm)	3		10		AS-11 (psi)/cfm)	15		6	
AS-2 (psi)/cfm)	0		12		AS-12B (psi)/cfm)	16		12	
AS-3 (psi)/cfm)	0		10		AS-13B (psi)/cfm)	15		12	
AS-4 (psi)/cfm)	15		9		AS-14 (psi)/cfm)	15		10	
AS-5 (psi)/cfm)	16		9		AS-15 (psi)/cfm)	15		11	
AS-6 (psi)/cfm)	17		12		AS-16B (psi)/cfm)	15		9	
AS-7 (psi)/cfm)	17		10		AS-17 (psi)/cfm)	16		10	
AS-8 (psi)/cfm)	13		12		AS-18 (psi)/cfm)	15		13	
AS-9 (psi)/cfm)	16		10		AS-19 (psi)/cfm)	15		6	
AS-10B (psi)/cfm)	14		10						

Notes, Comments & Observations:

Replaced B-1 blower belts.

Collected samples with 10-min regulators from SVE-Influent, Blower Effluent, and SVE-6 sample ports.

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: 3-May
Weather / Temp: Sunny / 54 DEG
Technician / Operator: JW

Arrival Time: 11:30
Departure Time: 13:30

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 4/20/23
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	28.4 A
-Inspect Belts	Weekly	Y	Replaced belts.
SVE Blower B-2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 4/20/23
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	24.2 A
-Inspect Belts	Weekly	Y	
SVE Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
Phase Separator/Storage Tank			
-Inspect	Weekly	Y	
-Check Level Switches	As Required	Y	
-Inspect water storage tank	Weekly	Y	
-Pump water to sewer drain	As Required	Y	
AS Compressor 1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 1/31/23
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	Y	26 A
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	N	
-Amp Draw	Quarterly	N	
Air Cooler			
-Inspect	Weekly	Y	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
-Drain Filters/Collectors	Weekly	Y	
-Drain Pressure Tank	Weekly	Y	

Operation & Maintenance Data Sheet

Ensafe-Frost Street
101 Frost Street
Westbury, NY

EnviroTrac Environmental Services

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

Date: 25-May
Weather / Temp: Sunny / 64 DEG
Technician / Operator: JW

Arrival Time: 12:00
Departure Time: 13:00

System Status									
	Arrival		Departure			Arrival		Departure	
SVE Blower 1 (ON/OFF)	OFF		ON		AS Compressor 1 (ON/OFF)	ON		ON	
SVE Blower 2 (ON/OFF)	ON		OFF		AS Compressor 2 (ON/OFF)	OFF		OFF	
					Air Cooler (ON/OFF)	ON		ON	
Soil Vapor Extraction System									
Blower Air Velocity/Flow Rate (fpm)/(cfm)	3800		746		Blower 1 Total Runtime (hrs)	70,240.6			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	69,866.9			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Blower Inlet Vacuum ("H2O)	45				Blower 2 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	2.5				VGAC-1 Influent PID (ppm)	1.0			
VGAC-1 Influent Vacuum ("H2O)	34				VGAC-1 Effluent PID (ppm)	0.0			
VGAC-1 Effluent Vacuum ("H2O)	30				VGAC-2 Influent PID (ppm)	1.0			
VGAC-2 Influent Vacuum ("H2O)	30				VGAC-2 Effluent PID (ppm)	0.0			
VGAC-2 Effluent Vacuum ("H2O)	30				VGAC-3 Influent PID (ppm)	0.0			
VGAC-3 Influent Vacuum ("H2O)	39				VGAC-3 Effluent PID (ppm)	0.0			
VGAC-3 Effluent Vacuum ("H2O)	43				Blower Effluent PID (ppm)	0.0			
VGAC-3 Influent Temp (DegF)	-				Transfer Pump Total Runtime (hrs)	25,100.4			
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)	34	5500	120	5.0	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	28	3500	76	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	36	3000	65	2.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	46	2500	55	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	28	3900	85	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	34	5000	109	8.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	28	3400	74	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	29	2500	55	0.0
Air Sparge System									
Compressor 1 Pressure (psi)	14.5				Compressor 2 Pressure (psi)	Off			
Compressor 1 Runtime (hrs)	18,282.1				Compressor 2 Temperature (degF)	Off			
Air Cooler Inlet Temperature (degF)	200				Compressor 2 Regulator Pressure (psi)	Off			
Air Cooler Outlet Temperature (degF)	85				Compressor 2 Runtime (hrs)	40,734			
Air Cooler Inlet Pressure (psi)	17				AS Manifold Temperature (degF)	85			
Air Cooler Outlet Pressure (psi)	13				AS Manifold Pressure	13			
AS Manifold Legs - Pressure/Flow Rate									
	Pressure	Flow Rate			Pressure	Flow Rate			
AS-1 (psi)/(cfm)	2	10	AS-11 (psi)/(cfm)		14	8			
AS-2 (psi)/(cfm)	0	10	AS-12B (psi)/(cfm)		15	12			
AS-3 (psi)/(cfm)	0	9	AS-13B (psi)/(cfm)		15	12			
AS-4 (psi)/(cfm)	15	9	AS-14 (psi)/(cfm)		15	10			
AS-5 (psi)/(cfm)	16	9	AS-15 (psi)/(cfm)		15	12			
AS-6 (psi)/(cfm)	16	12	AS-16B (psi)/(cfm)		14	10			
AS-7 (psi)/(cfm)	16	9	AS-17 (psi)/(cfm)		16	10			
AS-8 (psi)/(cfm)	14	12	AS-18 (psi)/(cfm)		15	13			
AS-9 (psi)/(cfm)	16	11	AS-19 (psi)/(cfm)		14	7			
AS-10B (psi)/(cfm)	14	10							

Notes, Comments & Observations:

Collected samples with 10-min regulators from SVE-Influent, Blower Effluent w/GAC Bypasses, and SVE-6 sample ports.

Samples sent to Pace Labs.

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: 25-May
Weather / Temp: Sunny / 64 DEG
Technician / Operator: JW

Arrival Time: 12:00
Departure Time: 13:00

Maintenance Item	Perform	Completed (yes/no)	Comments
SVE Blower B-1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 4/20/23
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	Y	24.6 A
-Inspect Belts	Weekly	Y	Replaced belts.
SVE Blower B-2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 4/20/23
-Inspect Air Filter	Weekly	Y	
-Amp Draw	Quarterly	N	
-Inspect Belts	Weekly	Y	
SVE Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
Phase Separator/Storage Tank			
-Inspect	Weekly	Y	
-Check Level Switches	As Required	Y	
-Inspect water storage tank	Weekly	Y	
-Pump water to sewer drain	As Required	Y	
AS Compressor 1			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	Oil changed on 1/31/23
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	Y	26 A
AS Compressor 2			
-Inspect	Weekly	Y	
-Lubricate	As Required	N	
-Inspect Filters	Weekly	N	
-Amp Draw	Quarterly	N	
Air Cooler			
-Inspect	Weekly	Y	
-Inspect Filters	Weekly	Y	
-Amp Draw	Quarterly	N	
AS Piping			
-Inspect	Weekly	Y	
-Valves	Weekly	Y	
-Drain Filters/Collectors	Weekly	Y	
-Drain Pressure Tank	Weekly	Y	

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



Thursday, May 11, 2023

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

Project ID: FROST ST OUI
SDG ID: GCN99183
Sample ID#s: CN99183 - CN99185

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

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

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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



Sample Id Cross Reference

May 11, 2023

SDG I.D.: GCN99183

Project ID: FROST ST OUI

Client Id	Lab Id	Matrix
SVE EFFLUENT	CN99183	AIR
SVE INFLUENT	CN99184	AIR
SVE-6	CN99185	AIR



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



Analysis Report

May 11, 2023

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:
Canister Id: 746

Custody Information

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

Date

05/03/23 12:08
05/05/23 16:13

Time

Project ID: FROST ST OUI
Client ID: SVE EFFLUENT

Laboratory Data

SDG ID: GCN99183
Phoenix ID: CN99183

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	05/06/23	KCA	5
1,1,1-Trichloroethane	ND	0.917	ND	5.00	05/06/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	05/06/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	05/06/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	05/06/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	05/06/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	05/06/23	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	05/06/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	05/06/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	05/06/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	05/06/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	05/06/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	05/06/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	05/06/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	05/06/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	05/06/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	05/06/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	05/06/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	05/06/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	05/06/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	05/06/23	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	05/06/23	KCA	5
Acetone	4.16	2.11	9.9	5.01	05/06/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	05/06/23	KCA	5
Benzene	ND	1.57	ND	5.01	05/06/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	05/06/23	KCA	5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	05/06/23	KCA	5	
Bromoform	ND	0.484	ND	5.00	05/06/23	KCA	5	
Bromomethane	ND	1.29	ND	5.01	05/06/23	KCA	5	
Carbon Disulfide	ND	1.61	ND	5.01	05/06/23	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	05/06/23	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	05/06/23	KCA	5	
Chloroethane	ND	1.90	ND	5.01	05/06/23	KCA	5	
Chloroform	ND	1.02	ND	4.98	05/06/23	KCA	5	
Chloromethane	ND	2.42	ND	4.99	05/06/23	KCA	5	
Cis-1,2-Dichloroethene	96.9	0.252	384	1.00	05/06/23	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	05/06/23	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	05/06/23	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	05/06/23	KCA	5	
Dichlorodifluoromethane	ND	1.01	ND	4.99	05/06/23	KCA	5	
Ethanol	4.97	2.66	9.36	5.01	05/06/23	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	05/06/23	KCA	5	1
Ethylbenzene	ND	1.15	ND	4.99	05/06/23	KCA	5	
Heptane	ND	1.22	ND	5.00	05/06/23	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	05/06/23	KCA	5	
Hexane	ND	1.42	ND	5.00	05/06/23	KCA	5	
Isopropylalcohol	ND	2.04	ND	5.01	05/06/23	KCA	5	
Isopropylbenzene	ND	1.02	ND	5.01	05/06/23	KCA	5	
m,p-Xylene	ND	1.15	ND	4.99	05/06/23	KCA	5	
Methyl Ethyl Ketone	ND	1.70	ND	5.01	05/06/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	05/06/23	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	05/06/23	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	05/06/23	KCA	5	1
o-Xylene	ND	1.15	ND	4.99	05/06/23	KCA	5	
Propylene	ND	2.91	ND	5.01	05/06/23	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	05/06/23	KCA	5	1
Styrene	ND	1.17	ND	4.98	05/06/23	KCA	5	
Tetrachloroethene	6.40	0.184	43.4	1.25	05/06/23	KCA	5	
Tetrahydrofuran	3.19	1.70	9.40	5.01	05/06/23	KCA	5	1
Toluene	ND	1.33	ND	5.01	05/06/23	KCA	5	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	05/06/23	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	05/06/23	KCA	5	
Trichloroethene	6.28	0.185	33.7	0.99	05/06/23	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	05/06/23	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	05/06/23	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	05/06/23	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	107	%	107	%	05/06/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	92	%	92	%	05/06/23	KCA	5	
% IS-Bromochloromethane (5x)	90	%	90	%	05/06/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	88	%	88	%	05/06/23	KCA	5	

Project ID: FROST ST OUI
Client ID: SVE EFFLUENT

Phoenix I.D.: CN99183

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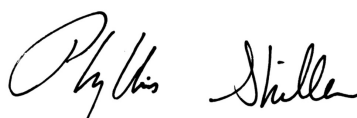
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

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

Comments:

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

May 11, 2023

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

May 11, 2023

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:
Canister Id: 763

Custody Information

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

Date

05/03/23 12:30
05/05/23 16:13

Time

Project ID: FROST ST OUI
Client ID: SVE INFLUENT

Laboratory Data

SDG ID: GCN99183
Phoenix ID: CN99184

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	05/09/23	KCA	5
1,1,1-Trichloroethane	ND	0.917	ND	5.00	05/09/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	05/09/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	05/09/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	05/09/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	05/09/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	05/09/23	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	05/09/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	05/09/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	05/09/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	05/09/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	05/09/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	05/09/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	05/09/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	05/09/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	05/09/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	05/09/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	05/09/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	05/09/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	05/09/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	05/09/23	KCA	5
4-Methyl-2-pentanone(MIBK)	2.33	1.22	9.5	4.99	05/09/23	KCA	5
Acetone	11.4	2.11	27.1	5.01	05/09/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	05/09/23	KCA	5
Benzene	ND	1.57	ND	5.01	05/09/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	05/09/23	KCA	5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	05/09/23	KCA	5	
Bromoform	ND	0.484	ND	5.00	05/09/23	KCA	5	
Bromomethane	ND	1.29	ND	5.01	05/09/23	KCA	5	
Carbon Disulfide	ND	1.61	ND	5.01	05/09/23	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	05/09/23	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	05/09/23	KCA	5	
Chloroethane	ND	1.90	ND	5.01	05/09/23	KCA	5	
Chloroform	ND	1.02	ND	4.98	05/09/23	KCA	5	
Chloromethane	ND	2.42	ND	4.99	05/09/23	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	05/09/23	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	05/09/23	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	05/09/23	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	05/09/23	KCA	5	
Dichlorodifluoromethane	1.22	1.01	6.03	4.99	05/09/23	KCA	5	
Ethanol	21.4	2.66	40.3	5.01	05/09/23	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	05/09/23	KCA	5	1
Ethylbenzene	ND	1.15	ND	4.99	05/09/23	KCA	5	
Heptane	ND	1.22	ND	5.00	05/09/23	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	05/09/23	KCA	5	
Hexane	ND	1.42	ND	5.00	05/09/23	KCA	5	
Isopropylalcohol	3.67	2.04	9.02	5.01	05/09/23	KCA	5	
Isopropylbenzene	ND	1.02	ND	5.01	05/09/23	KCA	5	
m,p-Xylene	4.20	1.15	18.2	4.99	05/09/23	KCA	5	
Methyl Ethyl Ketone	2.94	1.70	8.67	5.01	05/09/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	05/09/23	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	05/09/23	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	05/09/23	KCA	5	1
o-Xylene	1.91	1.15	8.29	4.99	05/09/23	KCA	5	
Propylene	ND	2.91	ND	5.01	05/09/23	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	05/09/23	KCA	5	1
Styrene	ND	1.17	ND	4.98	05/09/23	KCA	5	
Tetrachloroethene	ND	0.184	ND	1.25	05/09/23	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	05/09/23	KCA	5	1
Toluene	382	2.66	1440	10.0	05/09/23	KCA	10	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	05/09/23	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	05/09/23	KCA	5	
Trichloroethene	ND	0.185	ND	0.99	05/09/23	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	05/09/23	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	05/09/23	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	05/09/23	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	101	%	101	%	05/09/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	93	%	93	%	05/09/23	KCA	5	
% IS-Bromochloromethane (5x)	93	%	93	%	05/09/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	93	%	93	%	05/09/23	KCA	5	
% Bromofluorobenzene (10x)	101	%	101	%	05/09/23	KCA	10	
% IS-1,4-Difluorobenzene (10x)	120	%	120	%	05/09/23	KCA	10	
% IS-Bromochloromethane (10x)	119	%	119	%	05/09/23	KCA	10	
% IS-Chlorobenzene-d5 (10x)	118	%	118	%	05/09/23	KCA	10	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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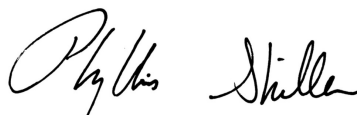
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

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Phyllis Shiller, Laboratory Director

May 11, 2023

Reviewed and Released by: Rashmi Makol, Project Manager



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



Analysis Report

May 11, 2023

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: Standard
P.O.#:
Canister Id: 759

Custody Information

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

Date

05/03/23 12:45
05/05/23 16:13

Time

Project ID: FROST ST OUI
Client ID: SVE-6

Laboratory Data

SDG ID: GCN99183
Phoenix ID: CN99185

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	05/09/23	KCA	5
1,1,1-Trichloroethane	ND	0.917	ND	5.00	05/09/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	05/09/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	05/09/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	05/09/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	05/09/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	05/09/23	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	05/09/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	05/09/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	05/09/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	05/09/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	05/09/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	05/09/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	05/09/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	05/09/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	05/09/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	05/09/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	05/09/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	05/09/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	05/09/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	05/09/23	KCA	5
4-Methyl-2-pentanone(MIBK)	3.28	1.22	13.4	4.99	05/09/23	KCA	5
Acetone	12.2	2.11	29.0	5.01	05/09/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	05/09/23	KCA	5
Benzene	ND	1.57	ND	5.01	05/09/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	05/09/23	KCA	5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	0.747	ND	5.00	05/09/23	KCA	5	
Bromoform	ND	0.484	ND	5.00	05/09/23	KCA	5	
Bromomethane	ND	1.29	ND	5.01	05/09/23	KCA	5	
Carbon Disulfide	ND	1.61	ND	5.01	05/09/23	KCA	5	
Carbon Tetrachloride	ND	0.159	ND	1.00	05/09/23	KCA	5	
Chlorobenzene	ND	1.09	ND	5.01	05/09/23	KCA	5	
Chloroethane	ND	1.90	ND	5.01	05/09/23	KCA	5	
Chloroform	ND	1.02	ND	4.98	05/09/23	KCA	5	
Chloromethane	ND	2.42	ND	4.99	05/09/23	KCA	5	
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	05/09/23	KCA	5	
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	05/09/23	KCA	5	
Cyclohexane	ND	1.45	ND	4.99	05/09/23	KCA	5	
Dibromochloromethane	ND	0.587	ND	5.00	05/09/23	KCA	5	
Dichlorodifluoromethane	1.15	1.01	5.68	4.99	05/09/23	KCA	5	
Ethanol	25.4	2.66	47.8	5.01	05/09/23	KCA	5	1
Ethyl acetate	ND	1.39	ND	5.01	05/09/23	KCA	5	1
Ethylbenzene	ND	1.15	ND	4.99	05/09/23	KCA	5	
Heptane	ND	1.22	ND	5.00	05/09/23	KCA	5	
Hexachlorobutadiene	ND	0.469	ND	5.00	05/09/23	KCA	5	
Hexane	ND	1.42	ND	5.00	05/09/23	KCA	5	
Isopropylalcohol	3.34	2.04	8.20	5.01	05/09/23	KCA	5	
Isopropylbenzene	ND	1.02	ND	5.01	05/09/23	KCA	5	
m,p-Xylene	ND	1.15	ND	4.99	05/09/23	KCA	5	
Methyl Ethyl Ketone	2.17	1.70	6.40	5.01	05/09/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	05/09/23	KCA	5	
Methylene Chloride	ND	4.32	ND	15.0	05/09/23	KCA	5	
n-Butylbenzene	ND	0.911	ND	5.00	05/09/23	KCA	5	1
o-Xylene	ND	1.15	ND	4.99	05/09/23	KCA	5	
Propylene	ND	2.91	ND	5.01	05/09/23	KCA	5	1
sec-Butylbenzene	ND	0.911	ND	5.00	05/09/23	KCA	5	1
Styrene	ND	1.17	ND	4.98	05/09/23	KCA	5	
Tetrachloroethene	ND	0.184	ND	1.25	05/09/23	KCA	5	
Tetrahydrofuran	ND	1.70	ND	5.01	05/09/23	KCA	5	1
Toluene	11.9	1.33	44.8	5.01	05/09/23	KCA	5	
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	05/09/23	KCA	5	
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	05/09/23	KCA	5	
Trichloroethene	ND	0.185	ND	0.99	05/09/23	KCA	5	
Trichlorofluoromethane	ND	0.891	ND	5.00	05/09/23	KCA	5	
Trichlorotrifluoroethane	ND	0.653	ND	5.00	05/09/23	KCA	5	
Vinyl Chloride	ND	0.390	ND	1.00	05/09/23	KCA	5	
<u>QA/QC Surrogates/Internals</u>								
% Bromofluorobenzene (5x)	101	%	101	%	05/09/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	89	%	89	%	05/09/23	KCA	5	
% IS-Bromochloromethane (5x)	89	%	89	%	05/09/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	89	%	89	%	05/09/23	KCA	5	

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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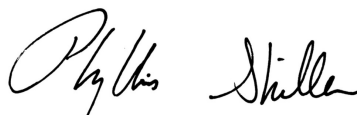
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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

Comments:

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Phyllis Shiller, Laboratory Director

May 11, 2023

Reviewed and Released by: Rashmi Makol, Project Manager



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



Canister Sampling Information

May 11, 2023

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

Location Code: ENVIOTR

SDG I.D.: GCN99183

Project ID: FROST ST OUI

Client Id	Lab Id	Canister		Reg. Id	Chk Out Date	Laboratory					Field			
		Id	Type			Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SVE EFFLUENT	CN99183	746	1.4L	4991	04/28/23	-30	-6	133	150	12.0	-27.5	-5	05/03/23 12:00	05/03/23 12:08
SVE INFLUENT	CN99184	763	1.4L	10597	04/28/23	-30	-12	133	147	10.0	-28	-11	05/03/23 12:20	05/03/23 12:30
SVE-6	CN99185	759	1.4L	7035	04/28/23	-30	-14	134	129	3.8	-28	-13	05/03/23 12:35	05/03/23 12:45



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



QA/QC Report

May 11, 2023

QA/QC Data

SDG I.D.: GCN99183

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 676592 (ppbv), QC Sample No: CN99078 (CN99183 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.010	ND	0.07	111	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	93	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.010	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.010	ND	0.07	137	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	96	1.80	1.74	0.366	0.355	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	100	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	89	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	101	0.06	0.06	0.015	0.016	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	101	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	88	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	88	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	92	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.025	ND	0.09	98	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	103	1.60	1.51	0.325	0.307	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	106	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	99	17.1	17.5	7.21	7.38	2.3	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	108	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	102	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	103	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.005	ND	0.03	102	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.010	ND	0.10	104	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	106	0.43	0.43	0.069	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	97	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	96	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	103	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	100	0.99	1.03	0.480	0.501	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	100	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.005	ND	0.04	103	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	102	2.14	2.09	0.434	0.423	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	138	14.3	14.0	7.57	7.45	1.6	70 - 130	25

QA/QC Data

SDG I.D.: GCN99183

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.250	ND	0.90	80	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	98	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	100	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	128	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	102	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	113	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	108	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	103	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	103	3.30	3.36	1.12	1.14	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	101	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	99	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	107	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	96	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	100	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	107	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	101	1.35	1.37	0.318	0.322	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	96	0.64	0.57	0.094	0.084	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	105	5.13	5.16	1.74	1.75	0.6	70 - 130	25
Toluene	ND	0.250	ND	0.94	98	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	103	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	104	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	98	3.41	3.22	0.635	0.599	5.8	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	102	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.010	ND	0.03	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	107	%	107	%	100	105	104	105	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	103	%	103	%	102	99	98	99	98	NC	60 - 140	25
% IS-Bromochloromethane	97	%	97	%	96	101	98	101	98	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	106	97	97	97	97	NC	60 - 140	25

QA/QC Batch 676820 (ppbv), QC Sample No: CN99498 (CN99184 (5X) , CN99185 (5X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	118	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	83	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	121	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	90	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	85	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCN99183

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
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	111	3.73	6.96	1.57	2.93	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	84	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	118	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	105	ND	ND	ND	ND	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	112	1.24	1.23	0.599	0.598	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	100	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	94	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	117	2.65	2.66	0.536	0.539	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	135	2.84	23.7	1.51	12.6	NC	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	78	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	115	1.08	3.44	0.439	1.40	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	116	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	105	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	99	ND	ND	ND	ND	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	100	ND	ND	ND	ND	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	104	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	127	1.47	1.45	0.262	0.259	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	124	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	116	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	99	%	99	%	98	98	100	98	100	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	98	97	95	97	95	NC	60 - 140	25
% IS-Bromochloromethane	100	%	100	%	97	97	96	97	96	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	103	96	95	96	95	NC	60 - 140	25

QA/QC Batch 677059 (ppbv), QC Sample No: CN99501 (CN99184 (10X))

Volatiles

Toluene	ND	0.270	ND	1.02	99	4.48	4.44	1.19	1.18	NC	70 - 130	25
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QA/QC Data

SDG I.D.: GCN99183

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
% Bromofluorobenzene	99	%	99	%	100	102	101	102	101	NC	70 - 130	25
% IS-1,4-Difluorobenzene	102	%	102	%	100	104	115	104	115	NC	60 - 140	25
% IS-Bromochloromethane	101	%	101	%	98	102	113	102	113	NC	60 - 140	25
% IS-Chlorobenzene-d5	99	%	99	%	104	104	114	104	114	NC	60 - 140	25

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

May 11, 2023

Thursday, May 11, 2023

Criteria: None
State: NY

Sample Criteria Exceedances Report
GCN99183 - ENVIROTR

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

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



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



Analysis Comments

May 11, 2023

SDG I.D.: GCN99183

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

AIRSIM

CHEM39 05/08/23-1: CN99184, CN99185

The following Continuing Calibration compounds did not meet % deviation criteria: 1,2,4-Trichlorobenzene(sim) 39%H (30%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: 1,2,4-Trichlorobenzene(sim) 39%H (30%)

June 8, 2023

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

Project Location: Westbury, NY
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 23E3885

Enclosed are results of analyses for samples as received by the laboratory on May 30, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kaitlyn A. Feliciano
Project Manager

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

REPORT DATE: 6/8/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23E3885

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

PROJECT LOCATION: Westbury, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SVE-6D	23E3885-01	Soil Gas		EPA TO-15	
SVE Influent 1	23E3885-02	Soil Gas		EPA TO-15	
SVE Influent 2	23E3885-03	Soil Gas		-	
				EPA TO-15	

CASE NARRATIVE SUMMARY

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

EPA TO-15**Qualifications:****L-01**

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

Analyte & Samples(s) Qualified:**2-Butanone (MEK)**

B342685-BS1

L-03

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

Analyte & Samples(s) Qualified:**Benzyl chloride**

23E3885-01[SVE-6D], 23E3885-02[SVE Influent 1], 23E3885-03[SVE Influent 2], B342685-BLK1, B342685-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23E3885-01[SVE-6D], 23E3885-02[SVE Influent 1], 23E3885-03[SVE Influent 2]

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

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

B342685-BS1, S088764-CCV1

V-20

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

Analyte & Samples(s) Qualified:**2-Butanone (MEK)**

B342685-BS1, S088764-CCV1

Hexachlorobutadiene

B342685-BS1, S088764-CCV1

Z-01

Calibrations RSD for this compound is >30% but <40%.

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

23E3885-01[SVE-6D], 23E3885-02[SVE Influent 1], 23E3885-03[SVE Influent 2], B342685-BLK1, B342685-BS1, S088764-CCV1

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

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



Lisa A. Worthington
Technical Representative

ANALYTICAL RESULTS

Project Location: Westbury, NY
Date Received: 5/30/2023
Field Sample #: SVE-6D
Sample ID: 23E3885-01
Sample Matrix: Soil Gas
Sampled: 5/25/2023 12:55

Sample Description/Location:
Sub Description/Location:
Canister ID: 2723
Canister Size: 3 liter
Flow Controller ID: 4551
Sample Type: 15 min

Work Order: 23E3885
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -10.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15								
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time	
	Results	RL		Results	RL		Analyzed	Analyst
Acetone	ND	600	L-03	ND	1400	300	6/6/23 8:05	CMR
Benzene	ND	15		ND	48	300	6/6/23 8:05	CMR
Benzyl chloride	ND	60		ND	310	300	6/6/23 8:05	CMR
Bromodichloromethane	ND	15		ND	100	300	6/6/23 8:05	CMR
Bromoform	ND	15		ND	160	300	6/6/23 8:05	CMR
Bromomethane	ND	15		ND	58	300	6/6/23 8:05	CMR
1,3-Butadiene	ND	15		ND	33	300	6/6/23 8:05	CMR
2-Butanone (MEK)	ND	600		ND	1800	300	6/6/23 8:05	CMR
Carbon Disulfide	ND	150		ND	470	300	6/6/23 8:05	CMR
Carbon Tetrachloride	ND	15		ND	94	300	6/6/23 8:05	CMR
Chlorobenzene	ND	15		ND	69	300	6/6/23 8:05	CMR
Chloroethane	ND	15		ND	40	300	6/6/23 8:05	CMR
Chloroform	ND	15		ND	73	300	6/6/23 8:05	CMR
Chloromethane	ND	30		ND	62	300	6/6/23 8:05	CMR
Cyclohexane	ND	15		ND	52	300	6/6/23 8:05	CMR
Dibromochloromethane	ND	15		ND	130	300	6/6/23 8:05	CMR
1,2-Dibromoethane (EDB)	ND	15		ND	120	300	6/6/23 8:05	CMR
1,2-Dichlorobenzene	ND	15		ND	90	300	6/6/23 8:05	CMR
1,3-Dichlorobenzene	ND	15		ND	90	300	6/6/23 8:05	CMR
1,4-Dichlorobenzene	ND	15		ND	90	300	6/6/23 8:05	CMR
Dichlorodifluoromethane (Freon 12)	ND	15		ND	74	300	6/6/23 8:05	CMR
1,1-Dichloroethane	ND	15		ND	61	300	6/6/23 8:05	CMR
1,2-Dichloroethane	ND	15		ND	61	300	6/6/23 8:05	CMR
1,1-Dichloroethylene	ND	15		ND	59	300	6/6/23 8:05	CMR
cis-1,2-Dichloroethylene	130	15		510	59	300	6/6/23 8:05	CMR
trans-1,2-Dichloroethylene	ND	15		ND	59	300	6/6/23 8:05	CMR
1,2-Dichloropropane	ND	15		ND	69	300	6/6/23 8:05	CMR
cis-1,3-Dichloropropene	ND	15		ND	68	300	6/6/23 8:05	CMR
trans-1,3-Dichloropropene	ND	15		ND	68	300	6/6/23 8:05	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	15		ND	100	300	6/6/23 8:05	CMR
1,4-Dioxane	ND	150		ND	540	300	6/6/23 8:05	CMR
Ethanol	ND	600		ND	1100	300	6/6/23 8:05	CMR
Ethyl Acetate	ND	150		ND	540	300	6/6/23 8:05	CMR
Ethylbenzene	ND	15		ND	65	300	6/6/23 8:05	CMR
4-Ethyltoluene	ND	15		ND	74	300	6/6/23 8:05	CMR
Heptane	ND	15		ND	61	300	6/6/23 8:05	CMR
Hexachlorobutadiene	ND	15		ND	160	300	6/6/23 8:05	CMR

ANALYTICAL RESULTS

Project Location: Westbury, NY
 Date Received: 5/30/2023
Field Sample #: SVE-6D
Sample ID: 23E3885-01
 Sample Matrix: Soil Gas
 Sampled: 5/25/2023 12:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2723
 Canister Size: 3 liter
 Flow Controller ID: 4551
 Sample Type: 15 min

Work Order: 23E3885
 Initial Vacuum(in Hg): -29
 Final Vacuum(in Hg): -10
 Receipt Vacuum(in Hg): -10.4
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15									
Sample Flags: RL-11									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	600	Z-01	ND	2100	300	6/6/23	8:05	CMR
2-Hexanone (MBK)	ND	60		ND	250	300	6/6/23	8:05	CMR
Isopropanol	ND	600		ND	1500	300	6/6/23	8:05	CMR
Methyl tert-Butyl Ether (MTBE)	ND	15		ND	54	300	6/6/23	8:05	CMR
Methylene Chloride	ND	150		ND	520	300	6/6/23	8:05	CMR
4-Methyl-2-pentanone (MIBK)	ND	15		ND	61	300	6/6/23	8:05	CMR
Naphthalene	ND	15		ND	79	300	6/6/23	8:05	CMR
Propene	ND	600		ND	1000	300	6/6/23	8:05	CMR
Styrene	ND	15		ND	64	300	6/6/23	8:05	CMR
1,1,2,2-Tetrachloroethane	ND	15		ND	100	300	6/6/23	8:05	CMR
Tetrachloroethylene	6300	15		42000	100	300	6/6/23	8:05	CMR
Tetrahydrofuran	ND	150		ND	440	300	6/6/23	8:05	CMR
Toluene	ND	15		ND	57	300	6/6/23	8:05	CMR
1,2,4-Trichlorobenzene	ND	15		ND	110	300	6/6/23	8:05	CMR
1,1,1-Trichloroethane	ND	15		ND	82	300	6/6/23	8:05	CMR
1,1,2-Trichloroethane	ND	15		ND	82	300	6/6/23	8:05	CMR
Trichloroethylene	290	15		1600	81	300	6/6/23	8:05	CMR
Trichlorofluoromethane (Freon 11)	ND	60		ND	340	300	6/6/23	8:05	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	60		ND	460	300	6/6/23	8:05	CMR
1,2,4-Trimethylbenzene	110	15		550	74	300	6/6/23	8:05	CMR
1,3,5-Trimethylbenzene	49	15	240	74	300	6/6/23	8:05	CMR	
Vinyl Acetate	ND	300	ND	1100	300	6/6/23	8:05	CMR	
Vinyl Chloride	ND	15	ND	38	300	6/6/23	8:05	CMR	
m&p-Xylene	56	30	240	130	300	6/6/23	8:05	CMR	
o-Xylene	62	15	270	65	300	6/6/23	8:05	CMR	

Surrogates	% Recovery	% REC Limits
4-Bromofluorobenzene (1)	97.2	70-130

ANALYTICAL RESULTS

Project Location: Westbury, NY
 Date Received: 5/30/2023
Field Sample #: SVE Influent 1
Sample ID: 23E3885-02
 Sample Matrix: Soil Gas
 Sampled: 5/25/2023 13:20

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2585
 Canister Size: 3 liter
 Flow Controller ID: 4269
 Sample Type: 15 min

Work Order: 23E3885
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -10
 Receipt Vacuum(in Hg): -9.2
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15									
Sample Flags: RL-11									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	ND	20	L-03	ND	48	10	6/6/23	7:38	CMR
Benzene	ND	0.50		ND	1.6	10	6/6/23	7:38	CMR
Benzyl chloride	ND	2.0		ND	10	10	6/6/23	7:38	CMR
Bromodichloromethane	ND	0.50		ND	3.4	10	6/6/23	7:38	CMR
Bromoform	ND	0.50		ND	5.2	10	6/6/23	7:38	CMR
Bromomethane	ND	0.50		ND	1.9	10	6/6/23	7:38	CMR
1,3-Butadiene	ND	0.50		ND	1.1	10	6/6/23	7:38	CMR
2-Butanone (MEK)	ND	20		ND	59	10	6/6/23	7:38	CMR
Carbon Disulfide	ND	5.0		ND	16	10	6/6/23	7:38	CMR
Carbon Tetrachloride	ND	0.50		ND	3.1	10	6/6/23	7:38	CMR
Chlorobenzene	ND	0.50		ND	2.3	10	6/6/23	7:38	CMR
Chloroethane	ND	0.50		ND	1.3	10	6/6/23	7:38	CMR
Chloroform	ND	0.50		ND	2.4	10	6/6/23	7:38	CMR
Chloromethane	ND	1.0		ND	2.1	10	6/6/23	7:38	CMR
Cyclohexane	ND	0.50		ND	1.7	10	6/6/23	7:38	CMR
Dibromochloromethane	ND	0.50		ND	4.3	10	6/6/23	7:38	CMR
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	6/6/23	7:38	CMR
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	6/6/23	7:38	CMR
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	6/6/23	7:38	CMR
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	6/6/23	7:38	CMR
Dichlorodifluoromethane (Freon 12)	ND	0.50		ND	2.5	10	6/6/23	7:38	CMR
1,1-Dichloroethane	ND	0.50		ND	2.0	10	6/6/23	7:38	CMR
1,2-Dichloroethane	ND	0.50		ND	2.0	10	6/6/23	7:38	CMR
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	6/6/23	7:38	CMR
cis-1,2-Dichloroethylene	11	0.50		44	2.0	10	6/6/23	7:38	CMR
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	6/6/23	7:38	CMR
1,2-Dichloropropane	ND	0.50		ND	2.3	10	6/6/23	7:38	CMR
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	6/6/23	7:38	CMR
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	6/6/23	7:38	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.50		ND	3.5	10	6/6/23	7:38	CMR
1,4-Dioxane	ND	5.0		ND	18	10	6/6/23	7:38	CMR
Ethanol	21	20		40	38	10	6/6/23	7:38	CMR
Ethyl Acetate	ND	5.0		ND	18	10	6/6/23	7:38	CMR
Ethylbenzene	ND	0.50		ND	2.2	10	6/6/23	7:38	CMR
4-Ethyltoluene	ND	0.50		ND	2.5	10	6/6/23	7:38	CMR
Heptane	ND	0.50		ND	2.0	10	6/6/23	7:38	CMR
Hexachlorobutadiene	ND	0.50		ND	5.3	10	6/6/23	7:38	CMR

ANALYTICAL RESULTS

Project Location: Westbury, NY
Date Received: 5/30/2023
Field Sample #: SVE Influent 1
Sample ID: 23E3885-02
Sample Matrix: Soil Gas
Sampled: 5/25/2023 13:20

Sample Description/Location:
Sub Description/Location:
Canister ID: 2585
Canister Size: 3 liter
Flow Controller ID: 4269
Sample Type: 15 min

Work Order: 23E3885
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -9.2
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15									
Sample Flags: RL-11									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	20	Z-01	ND	70	10	6/6/23	7:38	CMR
2-Hexanone (MBK)	ND	2.0		ND	8.2	10	6/6/23	7:38	CMR
Isopropanol	ND	20		ND	49	10	6/6/23	7:38	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	6/6/23	7:38	CMR
Methylene Chloride	6.6	5.0		23	17	10	6/6/23	7:38	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	6/6/23	7:38	CMR
Naphthalene	ND	0.50		ND	2.6	10	6/6/23	7:38	CMR
Propene	ND	20		ND	34	10	6/6/23	7:38	CMR
Styrene	ND	0.50		ND	2.1	10	6/6/23	7:38	CMR
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	6/6/23	7:38	CMR
Tetrachloroethylene	480	0.50		3200	3.4	10	6/6/23	7:38	CMR
Tetrahydrofuran	ND	5.0		ND	15	10	6/6/23	7:38	CMR
Toluene	0.81	0.50		3.1	1.9	10	6/6/23	7:38	CMR
1,2,4-Trichlorobenzene	ND	0.50		ND	3.7	10	6/6/23	7:38	CMR
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	6/6/23	7:38	CMR
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	6/6/23	7:38	CMR
Trichloroethylene	24	0.50		130	2.7	10	6/6/23	7:38	CMR
Trichlorofluoromethane (Freon 11)	ND	2.0		ND	11	10	6/6/23	7:38	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0		ND	15	10	6/6/23	7:38	CMR
1,2,4-Trimethylbenzene	ND	0.50		ND	2.5	10	6/6/23	7:38	CMR
1,3,5-Trimethylbenzene	ND	0.50	ND	2.5	10	6/6/23	7:38	CMR	
Vinyl Acetate	ND	10	ND	35	10	6/6/23	7:38	CMR	
Vinyl Chloride	ND	0.50	ND	1.3	10	6/6/23	7:38	CMR	
m&p-Xylene	ND	1.0	ND	4.3	10	6/6/23	7:38	CMR	
o-Xylene	ND	0.50	ND	2.2	10	6/6/23	7:38	CMR	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	93.5	70-130	6/6/23 7:38

ANALYTICAL RESULTS

Project Location: Westbury, NY
Date Received: 5/30/2023
Field Sample #: SVE Influent 2
Sample ID: 23E3885-03
Sample Matrix: Soil Gas
Sampled: 5/25/2023 14:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 2587
Canister Size: 3 liter
Flow Controller ID: 4270
Sample Type: 15 min

Work Order: 23E3885
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -10.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15									
Sample Flags: RL-11									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	ND	600	L-03	ND	1400	300	6/6/23	8:31	CMR
Benzene	ND	15		ND	48	300	6/6/23	8:31	CMR
Benzyl chloride	ND	60		ND	310	300	6/6/23	8:31	CMR
Bromodichloromethane	ND	15		ND	100	300	6/6/23	8:31	CMR
Bromoform	ND	15		ND	160	300	6/6/23	8:31	CMR
Bromomethane	ND	15		ND	58	300	6/6/23	8:31	CMR
1,3-Butadiene	ND	15		ND	33	300	6/6/23	8:31	CMR
2-Butanone (MEK)	ND	600		ND	1800	300	6/6/23	8:31	CMR
Carbon Disulfide	ND	150		ND	470	300	6/6/23	8:31	CMR
Carbon Tetrachloride	ND	15		ND	94	300	6/6/23	8:31	CMR
Chlorobenzene	ND	15		ND	69	300	6/6/23	8:31	CMR
Chloroethane	ND	15		ND	40	300	6/6/23	8:31	CMR
Chloroform	ND	15		ND	73	300	6/6/23	8:31	CMR
Chloromethane	ND	30		ND	62	300	6/6/23	8:31	CMR
Cyclohexane	ND	15		ND	52	300	6/6/23	8:31	CMR
Dibromochloromethane	ND	15		ND	130	300	6/6/23	8:31	CMR
1,2-Dibromoethane (EDB)	ND	15		ND	120	300	6/6/23	8:31	CMR
1,2-Dichlorobenzene	ND	15		ND	90	300	6/6/23	8:31	CMR
1,3-Dichlorobenzene	ND	15		ND	90	300	6/6/23	8:31	CMR
1,4-Dichlorobenzene	ND	15		ND	90	300	6/6/23	8:31	CMR
Dichlorodifluoromethane (Freon 12)	ND	15		ND	74	300	6/6/23	8:31	CMR
1,1-Dichloroethane	ND	15		ND	61	300	6/6/23	8:31	CMR
1,2-Dichloroethane	ND	15		ND	61	300	6/6/23	8:31	CMR
1,1-Dichloroethylene	ND	15		ND	59	300	6/6/23	8:31	CMR
cis-1,2-Dichloroethylene	120	15		470	59	300	6/6/23	8:31	CMR
trans-1,2-Dichloroethylene	ND	15		ND	59	300	6/6/23	8:31	CMR
1,2-Dichloropropane	ND	15		ND	69	300	6/6/23	8:31	CMR
cis-1,3-Dichloropropene	ND	15		ND	68	300	6/6/23	8:31	CMR
trans-1,3-Dichloropropene	ND	15		ND	68	300	6/6/23	8:31	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	15		ND	100	300	6/6/23	8:31	CMR
1,4-Dioxane	ND	150		ND	540	300	6/6/23	8:31	CMR
Ethanol	ND	600		ND	1100	300	6/6/23	8:31	CMR
Ethyl Acetate	ND	150		ND	540	300	6/6/23	8:31	CMR
Ethylbenzene	ND	15		ND	65	300	6/6/23	8:31	CMR
4-Ethyltoluene	ND	15		ND	74	300	6/6/23	8:31	CMR
Heptane	ND	15		ND	61	300	6/6/23	8:31	CMR
Hexachlorobutadiene	ND	15		ND	160	300	6/6/23	8:31	CMR

ANALYTICAL RESULTS

Project Location: Westbury, NY
Date Received: 5/30/2023
Field Sample #: SVE Influent 2
Sample ID: 23E3885-03
Sample Matrix: Soil Gas
Sampled: 5/25/2023 14:00

Sample Description/Location:
Sub Description/Location:
Canister ID: 2587
Canister Size: 3 liter
Flow Controller ID: 4270
Sample Type: 15 min

Work Order: 23E3885
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -10
Receipt Vacuum(in Hg): -10.5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15									
Sample Flags: RL-11									
Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	600	Z-01	ND	2100	300	6/6/23	8:31	CMR
2-Hexanone (MBK)	ND	60		ND	250	300	6/6/23	8:31	CMR
Isopropanol	ND	600		ND	1500	300	6/6/23	8:31	CMR
Methyl tert-Butyl Ether (MTBE)	ND	15		ND	54	300	6/6/23	8:31	CMR
Methylene Chloride	ND	150		ND	520	300	6/6/23	8:31	CMR
4-Methyl-2-pentanone (MIBK)	ND	15		ND	61	300	6/6/23	8:31	CMR
Naphthalene	ND	15		ND	79	300	6/6/23	8:31	CMR
Propene	ND	600		ND	1000	300	6/6/23	8:31	CMR
Styrene	ND	15		ND	64	300	6/6/23	8:31	CMR
1,1,2,2-Tetrachloroethane	ND	15		ND	100	300	6/6/23	8:31	CMR
Tetrachloroethylene	4400	15		30000	100	300	6/6/23	8:31	CMR
Tetrahydrofuran	ND	150		ND	440	300	6/6/23	8:31	CMR
Toluene	ND	15		ND	57	300	6/6/23	8:31	CMR
1,2,4-Trichlorobenzene	ND	15		ND	110	300	6/6/23	8:31	CMR
1,1,1-Trichloroethane	ND	15		ND	82	300	6/6/23	8:31	CMR
1,1,2-Trichloroethane	ND	15		ND	82	300	6/6/23	8:31	CMR
Trichloroethylene	260	15		1400	81	300	6/6/23	8:31	CMR
Trichlorofluoromethane (Freon 11)	ND	60		ND	340	300	6/6/23	8:31	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	60		ND	460	300	6/6/23	8:31	CMR
1,2,4-Trimethylbenzene	19	15	93	74	300	6/6/23	8:31	CMR	
1,3,5-Trimethylbenzene	ND	15	ND	74	300	6/6/23	8:31	CMR	
Vinyl Acetate	ND	300	ND	1100	300	6/6/23	8:31	CMR	
Vinyl Chloride	ND	15	ND	38	300	6/6/23	8:31	CMR	
m&p-Xylene	ND	30	ND	130	300	6/6/23	8:31	CMR	
o-Xylene	ND	15	ND	65	300	6/6/23	8:31	CMR	

Surrogates	% Recovery	% REC Limits
4-Bromofluorobenzene (1)	96.4	70-130

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

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
23E3885-01 [SVE-6D]	B342685	2	149.9	6.67	1000	200	200	06/05/23
23E3885-02 [SVE Influent 1]	B342685	1.5	1	N/A	1000	200	30	06/05/23
23E3885-03 [SVE Influent 2]	B342685	2	149.9	6.67	1000	200	200	06/05/23

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

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

Batch B342685 - TO-15 Prep

Blank (B342685-BLK1)					Prepared & Analyzed: 06/05/23					
Acetone	ND	0.80								
Benzene	ND	0.020								
Benzyl chloride	ND	0.080								L-03
Bromodichloromethane	ND	0.020								
Bromoform	ND	0.020								
Bromomethane	ND	0.020								
1,3-Butadiene	ND	0.020								
2-Butanone (MEK)	ND	0.80								
Carbon Disulfide	ND	0.20								
Carbon Tetrachloride	ND	0.020								
Chlorobenzene	ND	0.020								
Chloroethane	ND	0.020								
Chloroform	ND	0.020								
Chloromethane	ND	0.040								
Cyclohexane	ND	0.020								
Dibromochloromethane	ND	0.020								
1,2-Dibromoethane (EDB)	ND	0.020								
1,2-Dichlorobenzene	ND	0.020								
1,3-Dichlorobenzene	ND	0.020								
1,4-Dichlorobenzene	ND	0.020								
Dichlorodifluoromethane (Freon 12)	ND	0.020								
1,1-Dichloroethane	ND	0.020								
1,2-Dichloroethane	ND	0.020								
1,1-Dichloroethylene	ND	0.020								
cis-1,2-Dichloroethylene	ND	0.020								
trans-1,2-Dichloroethylene	ND	0.020								
1,2-Dichloropropane	ND	0.020								
cis-1,3-Dichloropropene	ND	0.020								
trans-1,3-Dichloropropene	ND	0.020								
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.020								
1,4-Dioxane	ND	0.20								
Ethanol	ND	0.80								
Ethyl Acetate	ND	0.20								
Ethylbenzene	ND	0.020								
4-Ethyltoluene	ND	0.020								
Heptane	ND	0.020								
Hexachlorobutadiene	ND	0.020								
Hexane	ND	0.80								
2-Hexanone (MBK)	ND	0.080								
Isopropanol	ND	0.80								
Methyl tert-Butyl Ether (MTBE)	ND	0.020								
Methylene Chloride	ND	0.20								
4-Methyl-2-pentanone (MIBK)	ND	0.020								
Naphthalene	ND	0.020								Z-01
Propene	ND	0.80								
Styrene	ND	0.020								

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

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

Batch B342685 - TO-15 Prep
Blank (B342685-BLK1)

Prepared & Analyzed: 06/05/23

1,1,2,2-Tetrachloroethane	ND	0.020
Tetrachloroethylene	ND	0.020
Tetrahydrofuran	ND	0.20
Toluene	ND	0.020
1,2,4-Trichlorobenzene	ND	0.020
1,1,1-Trichloroethane	ND	0.020
1,1,2-Trichloroethane	ND	0.020
Trichloroethylene	ND	0.020
Trichlorofluoromethane (Freon 11)	ND	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.080
1,2,4-Trimethylbenzene	ND	0.020
1,3,5-Trimethylbenzene	ND	0.020
Vinyl Acetate	ND	0.40
Vinyl Chloride	ND	0.020
m&p-Xylene	ND	0.040
o-Xylene	ND	0.020

<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.81</i>	<i>8.00</i>	<i>97.6</i>	<i>70-130</i>
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LCS (B342685-BS1)

Prepared & Analyzed: 06/05/23

Acetone	4.70	5.00	94.0	70-130	
Benzene	4.75	5.00	94.9	70-130	
Benzyl chloride	3.34	5.00	66.7 *	70-130	L-03
Bromodichloromethane	4.78	5.00	95.6	70-130	
Bromoform	5.19	5.00	104	70-130	
Bromomethane	4.54	5.00	90.9	70-130	
1,3-Butadiene	4.96	5.00	99.2	70-130	
2-Butanone (MEK)	6.58	5.00	132 *	70-130	L-01, V-20
Carbon Disulfide	5.52	5.00	110	70-130	
Carbon Tetrachloride	5.05	5.00	101	70-130	
Chlorobenzene	4.53	5.00	90.6	70-130	
Chloroethane	4.57	5.00	91.4	70-130	
Chloroform	4.60	5.00	92.1	70-130	
Chloromethane	4.31	5.00	86.3	70-130	
Cyclohexane	5.20	5.00	104	70-130	
Dibromochloromethane	5.16	5.00	103	70-130	
1,2-Dibromoethane (EDB)	4.77	5.00	95.3	70-130	
1,2-Dichlorobenzene	4.76	5.00	95.2	70-130	
1,3-Dichlorobenzene	4.88	5.00	97.6	70-130	
1,4-Dichlorobenzene	4.67	5.00	93.5	70-130	
Dichlorodifluoromethane (Freon 12)	3.64	5.00	72.8	70-130	
1,1-Dichloroethane	4.69	5.00	93.8	70-130	
1,2-Dichloroethane	4.95	5.00	99.0	70-130	
1,1-Dichloroethylene	5.55	5.00	111	70-130	
cis-1,2-Dichloroethylene	4.90	5.00	98.0	70-130	
trans-1,2-Dichloroethylene	4.86	5.00	97.2	70-130	
1,2-Dichloropropane	4.91	5.00	98.3	70-130	

QUALITY CONTROL
Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B342685 - TO-15 Prep											
LCS (B342685-BS1)					Prepared & Analyzed: 06/05/23						
cis-1,3-Dichloropropene	5.12				5.00		102	70-130			
trans-1,3-Dichloropropene	5.83				5.00		117	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.31				5.00		86.2	70-130			
1,4-Dioxane	4.95				5.00		99.0	70-130			
Ethanol	5.66				5.00		113	70-130			
Ethyl Acetate	4.70				5.00		94.0	70-130			
Ethylbenzene	4.93				5.00		98.6	70-130			
4-Ethyltoluene	5.32				5.00		106	70-130			
Heptane	5.48				5.00		110	70-130			
Hexachlorobutadiene	5.91				4.25		139 *	70-130			V-20
Hexane	5.38				5.00		108	70-130			
2-Hexanone (MBK)	5.55				5.00		111	70-130			
Isopropanol	4.51				5.00		90.2	70-130			
Methyl tert-Butyl Ether (MTBE)	5.05				5.00		101	70-130			
Methylene Chloride	5.14				5.00		103	70-130			
4-Methyl-2-pentanone (MIBK)	5.83				5.00		117	70-130			
Naphthalene	4.02				3.68		109	70-130			V-06, Z-01
Propene	3.82				5.00		76.5	70-130			
Styrene	5.31				5.00		106	70-130			
1,1,2,2-Tetrachloroethane	4.55				5.00		90.9	70-130			
Tetrachloroethylene	4.72				5.00		94.3	70-130			
Tetrahydrofuran	5.63				5.00		113	70-130			
Toluene	4.98				5.00		99.6	70-130			
1,2,4-Trichlorobenzene	3.96				3.90		101	70-130			
1,1,1-Trichloroethane	4.84				5.00		96.7	70-130			
1,1,2-Trichloroethane	4.68				5.00		93.5	70-130			
Trichloroethylene	4.91				5.00		98.2	70-130			
Trichlorofluoromethane (Freon 11)	4.87				5.00		97.5	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.18				5.00		104	70-130			
1,2,4-Trimethylbenzene	5.44				5.00		109	70-130			
1,3,5-Trimethylbenzene	5.39				5.00		108	70-130			
Vinyl Acetate	5.50				5.00		110	70-130			
Vinyl Chloride	4.79				5.00		95.7	70-130			
m&p-Xylene	10.7				10.0		107	70-130			
o-Xylene	5.16				5.00		103	70-130			
Surrogate: 4-Bromofluorobenzene (1)	8.11				8.00		101	70-130			

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
Z-01	Calibrations RSD for this compound is >30% but <40%.

INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S085380-ICV1)			Lab File ID: J23A090036.D			Analyzed: 04/01/23 05:53			
Bromochloromethane (1)	298104	2.788	289065	2.788	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	850179	3.418	804638	3.418	106	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	747035	5.036	717694	5.036	104	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S088764-CCV1)			Lab File ID: J23A156004.D			Analyzed: 06/05/23 11:03			
Bromochloromethane (1)	249939	2.812	289065	2.788	86	60 - 140	0.0240	+/-0.50	
1,4-Difluorobenzene (1)	663712	3.436	804638	3.418	82	60 - 140	0.0180	+/-0.50	
Chlorobenzene-d5 (1)	605803	5.043	717694	5.036	84	60 - 140	0.0070	+/-0.50	
LCS (B342685-BS1)			Lab File ID: J23A156024.D			Analyzed: 06/05/23 20:53			
Bromochloromethane (1)	221271	2.812	249939	2.812	89	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	585482	3.435	663712	3.436	88	60 - 140	-0.0010	+/-0.50	
Chlorobenzene-d5 (1)	537585	5.043	605803	5.043	89	60 - 140	0.0000	+/-0.50	
Blank (B342685-BLK1)			Lab File ID: J23A156027.D			Analyzed: 06/05/23 22:21			
Bromochloromethane (1)	218929	2.796	249939	2.812	88	60 - 140	-0.0160	+/-0.50	
1,4-Difluorobenzene (1)	558454	3.423	663712	3.436	84	60 - 140	-0.0130	+/-0.50	
Chlorobenzene-d5 (1)	510170	5.036	605803	5.043	84	60 - 140	-0.0070	+/-0.50	
SVE Influent 1 (23E3885-02)			Lab File ID: J23A156047.D			Analyzed: 06/06/23 07:38			
Bromochloromethane (1)	202891	2.796	249939	2.812	81	60 - 140	-0.0160	+/-0.50	
1,4-Difluorobenzene (1)	512394	3.423	663712	3.436	77	60 - 140	-0.0130	+/-0.50	
Chlorobenzene-d5 (1)	469800	5.034	605803	5.043	78	60 - 140	-0.0090	+/-0.50	
SVE-6D (23E3885-01)			Lab File ID: J23A156048.D			Analyzed: 06/06/23 08:05			
Bromochloromethane (1)	197985	2.796	249939	2.812	79	60 - 140	-0.0160	+/-0.50	
1,4-Difluorobenzene (1)	494862	3.422	663712	3.436	75	60 - 140	-0.0140	+/-0.50	
Chlorobenzene-d5 (1)	460751	5.036	605803	5.043	76	60 - 140	-0.0070	+/-0.50	
SVE Influent 2 (23E3885-03)			Lab File ID: J23A156049.D			Analyzed: 06/06/23 08:31			
Bromochloromethane (1)	196104	2.796	249939	2.812	78	60 - 140	-0.0160	+/-0.50	
1,4-Difluorobenzene (1)	487194	3.422	663712	3.436	73	60 - 140	-0.0140	+/-0.50	
Chlorobenzene-d5 (1)	453894	5.036	605803	5.043	75	60 - 140	-0.0070	+/-0.50	

CONTINUING CALIBRATION CHECK

EPA TO-15

S088764-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.60	1.034114	0.9506063		-8.1	30
Benzene	A	5.00	4.71	0.8123645	0.7646738		-5.9	30
Benzyl chloride	L	5.00	4.47	0.5056852	0.6792571		-10.5	30
Bromodichloromethane	A	5.00	4.79	0.6094342	0.5834169		-4.3	30
Bromoform	A	5.00	5.18	0.4573839	0.4736669		3.6	30
Bromomethane	A	5.00	4.41	0.6761959	0.5960494		-11.9	30
1,3-Butadiene	A	5.00	4.84	0.5092257	0.4934324		-3.1	30
2-Butanone (MEK)	A	5.00	6.58	1.148647	1.510551		31.5	30 *
Carbon Disulfide	A	5.00	4.73	2.001154	1.893185		-5.4	30
Carbon Tetrachloride	A	5.00	4.86	0.5037067	0.4896027		-2.8	30
Chlorobenzene	A	5.00	4.56	0.7622773	0.6947367		-8.9	30
Chloroethane	A	5.00	4.32	0.4202137	0.3633078		-13.5	30
Chloroform	A	5.00	4.48	1.577837	1.413062		-10.4	30
Chloromethane	A	5.00	4.32	0.5966374	0.5149288		-13.7	30
Cyclohexane	A	5.00	4.98	0.3246406	0.323603		-0.3	30
Dibromochloromethane	A	5.00	5.05	0.5189836	0.5237848		0.9	30
1,2-Dibromoethane (EDB)	A	5.00	4.81	0.4960864	0.4768943		-3.9	30
1,2-Dichlorobenzene	A	5.00	5.35	0.4911951	0.5258475		7.1	30
1,3-Dichlorobenzene	A	5.00	4.70	0.5456808	0.5125098		-6.1	30
1,4-Dichlorobenzene	A	5.00	4.52	0.5309926	0.4800135		-9.6	30
Dichlorodifluoromethane (Freon 12)	A	5.00	3.69	1.809285	1.334508		-26.2	30
1,1-Dichloroethane	A	5.00	4.57	1.317427	1.20496		-8.5	30
1,2-Dichloroethane	A	5.00	4.78	0.9730911	0.9298589		-4.4	30
1,1-Dichloroethylene	A	5.00	5.05	1.146845	1.1573		0.9	30
cis-1,2-Dichloroethylene	A	5.00	4.77	0.9524103	0.9079271		-4.7	30
trans-1,2-Dichloroethylene	A	5.00	4.61	1.02979	0.9493132		-7.8	30
1,2-Dichloropropane	A	5.00	4.77	0.3033695	0.2893183		-4.6	30
cis-1,3-Dichloropropene	A	5.00	5.28	0.4042769	0.4271805		5.7	30
trans-1,3-Dichloropropene	A	5.00	5.84	0.3279415	0.3826841		16.7	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	A	5.00	4.47	1.964888	1.756627		-10.6	30
1,4-Dioxane	A	5.00	4.95	0.1624784	0.1608722		-1.0	30
Ethanol	A	5.00	4.70	0.1724202	0.1619019		-6.1	30
Ethyl Acetate	A	5.00	5.30	0.2040016	0.2160271		5.9	30
Ethylbenzene	A	5.00	4.97	1.293794	1.285199		-0.7	30
4-Ethyltoluene	A	5.00	5.46	1.173601	1.280501		9.1	30
Heptane	A	5.00	5.26	0.2390228	0.2517116		5.3	30
Hexachlorobutadiene	A	5.00	7.35	0.2261563	0.3323008		46.9	30 *
Hexane	L	5.00	5.05	0.6738496	0.6828802		0.9	30

CONTINUING CALIBRATION CHECK

EPA TO-15

S088764-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	6.17	0.4320676	0.5335094		23.5	30
Isopropanol	A	5.00	4.98	1.163166	1.157799		-0.5	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.02	1.752887	1.759578		0.4	30
Methylene Chloride	A	5.00	4.72	0.8161184	0.7698006		-5.7	30
4-Methyl-2-pentanone (MIBK)	A	5.00	6.01	0.1991676	0.2392942		20.1	30
Naphthalene	A	5.00	6.80	0.4140914	0.5636103		36.1	30 *
Propene	A	5.00	3.85	0.3783566	0.2913415		-23.0	30
Styrene	A	5.00	5.75	0.6193387	0.7124692		15.0	30
1,1,2,2-Tetrachloroethane	A	5.00	4.91	0.7875453	0.7735109		-1.8	30
Tetrachloroethylene	A	5.00	4.74	0.4061033	0.3849938		-5.2	30
Tetrahydrofuran	A	5.00	5.32	0.5602263	0.5956141		6.3	30
Toluene	A	5.00	4.95	0.9952737	0.9851651		-1.0	30
1,2,4-Trichlorobenzene	A	5.00	6.26	0.1951236	0.2441982		25.2	30
1,1,1-Trichloroethane	A	5.00	5.01	0.5148362	0.5157611		0.2	30
1,1,2-Trichloroethane	A	5.00	4.70	0.3494055	0.3284896		-6.0	30
Trichloroethylene	A	5.00	4.72	0.3469588	0.3278265		-5.5	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.70	1.832227	1.723902		-5.9	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.00	4.87	1.363757	1.328804		-2.6	30
1,2,4-Trimethylbenzene	A	5.00	5.95	0.9035781	1.074657		18.9	30
1,3,5-Trimethylbenzene	A	5.00	5.74	0.9651619	1.108339		14.8	30
Vinyl Acetate	A	5.00	5.29	1.160867	1.228152		5.8	30
Vinyl Chloride	A	5.00	4.58	0.7330867	0.6718439		-8.4	30
m&p-Xylene	A	10.0	10.7	1.010218	1.082238		7.1	30
o-Xylene	A	5.00	5.28	0.9862305	1.042414		5.7	30

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

* Values outside of QC limits

CERTIFICATIONS
Certified Analyses included in this Report

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

CERTIFICATIONS
Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO 17025:2017	100033	03/1/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
NJ	New Jersey DEP	MA007 NELAP	06/30/2023
FL	Florida Department of Health	E871027 NELAP	06/30/2023
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

CHAIN OF CUSTODY RECORD (AIR)

Phone: 413-525-2332
Fax: 413-525-6405
www.pacelabs.com

39 Spruce Street
East Longmeadow, MA 01028

23E3885

Company Name:

Address: 5016 DICK RD

Phone: 409th Ave NY 11980 (631) 924-3001

Project Name: Frost St OVI

Project Location: Westbury, NY

Project Number:

Project Manager: Jim Wilkinson

Pace Quote Name/Number: 20138661

Invoice Recipient: EnviroTrac

Sampled By: Jim Wilkinson

CLP Like Data Pkg Required: ☐

Email To: jmcsw@envirotrac.com

Fax To #:

Format: PDF ☒ EXCEL ☒

Other:

Rush Approval Required: ☐

3-Day ☐ 4-Day ☐

7-Day ☐ 10-Day ☒

Due Date:

Request Approval: ☒

Lab Receipt Pressure

Final Pressure

Initial Pressure

" Hg

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

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Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

Summa Can ID

Flow Controller ID

Comment: *All collected on 5/25/23.

Relinquished by: (signature)

Received by: (signature)

Relinquished by: (signature)

Received by: (signature)

Relinquished by: (signature)

Received by: (signature)

Relinquished by: (signature)

Received by: (signature)

Relinquished by: (signature)

Received by: (signature)

Relinquished by: (signature)

Received by: (signature)

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:

SG = SOIL GAS
IA = INDOOR AIR
AMB = AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = Other



Special Requirements	
MA MCP Required	☐
MCP Certification Form Required	☐
CT RCP Required	☐
RCP Certification Form Required	☐
Other	☐

NEIAC and AIHA-LAP, LLC Accredited

Other

Chromatogram

AIHA-LAP, LLC

PCB ONLY

Soxhlet

Non Soxhlet

Project Entity

Government

Federal

City

Municipality

21 J

Brownfield

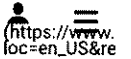
MWRA

School

MBTA

WRTA

Other



Stay Safe - Avoid Fraud and Scams

Received a text, call or email that seems suspicious? Don't respond to it.

[Tips to Avoid Fraud \(/us/en/support/shipping-support/legal-terms-conditions/fight-fraud.page?\)](#)

Your shipment

1Z12X8220391171550

✓ Delivered On

Tuesday, May 30 at 12:32 P.M.

Delivered To

EAST LONGMEADOW, MA US

Received By:

HENRIQUES

[Proof of Delivery](#)



Help us improve UPS

Would you like to provide feedback to help improve our site? We have some questions that should take only a few minutes. Thanks in advance for your help!



Yes

File a Claim

No Thanks

[View Details](#)

Track Another Package

Feedback

Track

UPS Freight Less-than-Truckload ("LTL") transportation services are offered by TFI International Inc., its affiliates or divisions (including without limitation TForce Freight), which are not affiliated with United Parcel Service, Inc. or any of its affiliates, subsidiaries or related entities ("UPS"). UPS assumes no liability in connection with UPS Freight LTL transportation services or any other services offered or provided by TFI International Inc. or its affiliates, divisions, subsidiaries or related entities.

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.pacelabs.com

ENV-FRM-ELON-0009V02__Air Sample Receiving Checklist 1-12-2023

Log In Back-Sheet

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



Client EnviroTrac
Project Frost St 001
MCP/RCP Required _____
Deliverable Package Requirement _____
Location Westbury, NY
PWSID# (When Applicable) _____
Arrival Method UPS 1212X8220391171550
Received By / Date / Time LDA 5/30/23 1232
Back-Sheet By / Date / Time KMC 5/31/23 0900
Temperature Method _____ # _____
Temp < 6° C ☐ Actual Temperature _____
Rush Samples: Yes / No _____ Notify _____
Short Hold: Yes / No _____ Notify _____

	True	False
Received on Ice	☐	☒
Received in Cooler	☐	☒
Custody Seal: DATE _____ TIME _____	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Individually Certified Cans	☐	☒
Trip Blanks	☐	☒
COC Legible	☒	☐

Notes regarding Samples/COC outside of SOP:

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒
Project ☒ IDs ☒ Collection Date/Time ☒

Container	#	Size	Regulator	Duration	Accessories		
Summa Cans	3	3L	3	15min	Nut/Ferrule	3	IC Train
Tedlar Bags					Tubing	9 ft	
TO-17 Tubes					T-Connector		Shipping Charges
Radiello					Syringe		
Pufs/ TO-11					Tedlar		

Can #'s	8	16	24	Reg's #'s	8	16	24
1 2723	9	17	25	1 4551	9	17	25
2 2585	10	18	26	2 4269	10	18	26
3 2587	11	19	27	3 4270	11	19	27
4	12	20	28	4	12	20	28
5	13	21	29	5	13	21	29
6	14	22	30	6	14	22	30
7	15	23	31	7	15	23	31
Unused Media	8	16	24	Pufs/TO-17's	8	16	24
1	9	17	25	1	9	17	25
2	10	18	26	2	10	18	26
3	11	19	27	3	11	19	27
4	12	20	28	4	12	20	28
5	13	21	29	5	13	21	29
6	14	22	30	6	14	22	30
7	15	23	31	7	15	23	31