1233 Silas Deane Highway | Wethersfield, Connecticut 06109 | Telephone 860-665-1140 | Fax 860-665-9445 | www.ensafe.com

Via email to rob.decandia@dec.ny.gov

March 11, 2019

Mr. Robert D. DeCandia Jr. P.E.
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Re: Progress Report: February 2019
Frost Street Sites: Site ID #s 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Mr. DeCandia:

EnSafe Inc. is pleased to submit this Progress Report for the Frost Street Sites (Site ID #s 1-30043 I, L, M) for work completed in February 2019.

Soil Vapor Extraction (SVE)/Air Sparge (AS) System Operation and Maintenance (O&M) (OU1)

- Operations continued this month, per the O&M Manual. During periodic O&M visits, system parameters were logged on dedicated O&M forms (**Appendix A**). Two alarm calls were received in February 2019; these alarm calls were rectified with a site visit and equipment maintenance and system restart.
- The Frost Street Parties submitted a proposal for system reconfiguration/optimization to support site redevelopment efforts on September 27, 2018. NYSDEC preliminary comments were received via email on December 20, 2018; once a formal comment letter is received, the Frost Street Parties will prepare a response and/or revised proposal, as needed.
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted on February 16, 2019, 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 readings and influent concentrations of Frost Street-related contaminants of concern (tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride [32,208 µg/m^3]) continue to indicate significant mass extraction.

Frost Street Sites
Effluent Compliance

System Flow Rate = 800 ft^3/m

Compound	Annual Mass Emission Limit (lbs/year)	Carbon Exchange Required Indicator Concentration ($\mu g/m^3$)[2]	February 2019 Effluent Concentration ($\mu g/m^3$)
Trichloroethene	500	19,000	ND
Tetrachloroethene	1,000	38,000	1.06
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene[1]	100	3,800	ND

Notes:

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

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

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.

- System condensate water was discharged from the holding tank to the sewer via the onsite connection (February 26, 2019 – 520 gallons). All water is treated via activate carbon adsorption prior to discharge. Groundwater concentrations did not exceed applicable permit limits, as shown in **Appendix C.**

Groundwater Extraction/Hydraulic Containment System Installation (OU2)

Currently, the pumps in EX-1C and EX-1D are operating near design flow rates. The pump in EX-1A malfunctioned in August 2018 and the pump in EX-1B failed in late January 2019. The damage to the EX-1A pump was recently determined to be covered by the manufacturer's warranty (defective lead seal connection); the damage to the EX-1B pump will also be evaluated by the manufacturer.

EnSafe is collecting and preparing 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.

Groundwater Monitoring

- The fourth quarter 2018 sampling event was performed the week of December 10, 2018. The data was submitted to NYSDEC on February 15, 2019 and the report was submitted to NYSDEC on March 11, 2019.
- The first quarter 2019 sampling event is planned for mid- to late-March 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	*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 privitera@mltw.com*
P. Coop, EnSafe	*Via email to pcoop@ensafe.com*
J. Wilkinson, Envirotrac	*Via email to jamesw@envirotrac.com*

Appendix A

SVE/AS System O&M 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: 7-Feb
Weather / Temp: Cloudy / 45 DEG
Technician / Operator: JW

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

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	ON	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)	ON	ON			

Soil Vapor Extraction System

Blower Air Velocity/Flow Rate (fpm)/(cfm)	4500	884	Blower 1 Total Runtime (hrs)	53,577.2
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	52,259.4
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)	2.6
VGAC-1 Effluent Vacuum ("H2O)	55		VGAC-1 Effluent PID (ppm)	0.0
VGAC-2 Influent Vacuum ("H2O)	50		VGAC-2 Influent PID (ppm)	2.6
VGAC-2 Effluent Vacuum ("H2O)	55		VGAC-2 Effluent PID (ppm)	0.0
VGAC-3 Influent Pressure ("H2O)	6		VGAC-3 Influent PID (ppm)	0.0
VGAC-3 Effluent Pressure ("H2O)	2		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)	134		Blower Effluent PID (ppm)	0.0
Blower Effluent Pressure ("H2O)	18			
Transfer Pump Total Runtime (hrs)	25,034.1		Condensate Storage Tank Level (gal)	340

SVE Manifold Legs - Vacuum/Flow Rate/PID

	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	45	8000	175		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	45	4100	89	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	44	5000	109		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	48	3200	70	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	48	5400	118		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	44	7000	153	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	46	4600	100		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	48	3200	70	

Air Sparge System

Compressor 1 Pressure (psi)	Off for repairs	Compressor 2 Pressure (psi)	92
Compressor 1 Temperature (degF)	Off for repairs	Compressor 2 Temperature (degF)	185
Compressor 1 Runtime (hrs)	27,317	Compressor 2 Runtime (hrs)	31,013
Manifold Regulator Pressure (psi)	80		

AS Manifold Legs - Pressure/Flow Rate

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

Notes, Comments & Observations:

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: 15-Feb
Weather / Temp: Cloudy / 40 DEG
Technician / Operator: JW

Arrival Time: 9:30
Departure Time: 10:30

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	ON	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)	ON	ON			

Soil Vapor Extraction System

Blower Air Velocity/Flow Rate (fpm)/(cfm)	4500	884	Blower 1 Total Runtime (hrs)	53,673.3
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	52,259.4
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)	0.0
VGAC-1 Effluent Vacuum ("H2O)	55		VGAC-1 Effluent PID (ppm)	0.0
VGAC-2 Influent Vacuum ("H2O)	50		VGAC-2 Influent PID (ppm)	0.0
VGAC-2 Effluent Vacuum ("H2O)	55		VGAC-2 Effluent PID (ppm)	0.0
VGAC-3 Influent Pressure ("H2O)	6		VGAC-3 Influent PID (ppm)	0.0
VGAC-3 Effluent Pressure ("H2O)	2		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)	134		Blower Effluent PID (ppm)	0.0
Blower Effluent Pressure ("H2O)	18			
Transfer Pump Total Runtime (hrs)	25,034.3		Condensate Storage Tank Level (gal)	425

SVE Manifold Legs - Vacuum/Flow Rate/PID

	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	54	8000	175	3.4	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	46	4200	92	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	56	5000	109	0.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	48	3200	70	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	47	5400	118	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	46	7000	153	12.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	46	4400	96	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	48	3200	70	0.0

Air Sparge System

Compressor 1 Pressure (psi)	Off for repairs	Compressor 2 Pressure (psi)	90
Compressor 1 Temperature (degF)	Off for repairs	Compressor 2 Temperature (degF)	204
Compressor 1 Runtime (hrs)	27,317	Compressor 2 Runtime (hrs)	31,109
Manifold Regulator Pressure (psi)	80		

AS Manifold Legs - Pressure/Flow Rate

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

Notes, Comments & Observations:

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: 22-Feb
Weather / Temp: Clear / 40 DEG
Technician / Operator: JW

Arrival Time: 10:00
Departure Time: 10:45

System Status

	Arrival	Departure		Arrival	Departure
SVE Blower 1 (ON/OFF)	ON	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)	4600	903	Blower 1 Total Runtime (hrs)	53,757.9
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	52,259.4
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)	0.0
VGAC-1 Effluent Vacuum ("H2O)	55		VGAC-1 Effluent PID (ppm)	0.0
VGAC-2 Influent Vacuum ("H2O)	50		VGAC-2 Influent PID (ppm)	0.0
VGAC-2 Effluent Vacuum ("H2O)	55		VGAC-2 Effluent PID (ppm)	0.0
VGAC-3 Influent Pressure ("H2O)	6		VGAC-3 Influent PID (ppm)	0.0
VGAC-3 Effluent Pressure ("H2O)	2		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)	134		Blower Effluent PID (ppm)	0.0
Blower Effluent Pressure ("H2O)	18			
Transfer Pump Total Runtime (hrs)	25,034.5		Condensate Storage Tank Level (gal)	490

SVE Manifold Legs - Vacuum/Flow Rate/PID

	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	55	8000	175		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	46	4200	92	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	55	5000	109		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	48	3100	68	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	48	5400	118		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	46	7000	153	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	46	4500	98		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	48	3200	70	

Air Sparge System

Compressor 1 Pressure (psi)	Off for repairs	Compressor 2 Pressure (psi)	86
Compressor 1 Temperature (degF)	Off for repairs	Compressor 2 Temperature (degF)	125
Compressor 1 Runtime (hrs)	27,317	Compressor 2 Runtime (hrs)	31,130
Manifold Regulator Pressure (psi)	80		

AS Manifold Legs - Pressure/Flow Rate

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

Notes, Comments & Observations:

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: 26-Feb
Weather / Temp: Clear / 00 DEG
Technician / Operator: JW

Arrival Time: 9:30
Departure Time: 10:30

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)	4600	903	Blower 1 Total Runtime (hrs)	53,806.4
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	52,259.4
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)	2.3
VGAC-1 Effluent Vacuum ("H2O)	55		VGAC-1 Effluent PID (ppm)	0.0
VGAC-2 Influent Vacuum ("H2O)	50		VGAC-2 Influent PID (ppm)	2.3
VGAC-2 Effluent Vacuum ("H2O)	55		VGAC-2 Effluent PID (ppm)	0.0
VGAC-3 Influent Pressure ("H2O)	6		VGAC-3 Influent PID (ppm)	0.0
VGAC-3 Effluent Pressure ("H2O)	2		VGAC-3 Effluent PID (ppm)	0.0
VGAC-3 Influent Temp (DegF)	134		Blower Effluent PID (ppm)	0.0
Blower Effluent Pressure ("H2O)	18			
Transfer Pump Total Runtime (hrs)	25,034.6		Condensate Storage Tank Level (gal)	520 → 0

SVE Manifold Legs - Vacuum/Flow Rate/PID

	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	54	8000	175		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	47	4200	92	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	56	5000	109		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	48	3200	70	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	48	5600	122		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	46	7000	153	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	47	4500	98		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	48	3100	68	

Air Sparge System

Compressor 1 Pressure (psi)	Off for repairs	Compressor 2 Pressure (psi)	90
Compressor 1 Temperature (degF)	Off for repairs	Compressor 2 Temperature (degF)	154
Compressor 1 Runtime (hrs)	27,317	Compressor 2 Runtime (hrs)	31,178
Manifold Regulator Pressure (psi)	80		

AS Manifold Legs - Pressure/Flow Rate

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

Notes, Comments & Observations:

System off upon arrival, no alarms on panel.

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
	2/22/2019	JW	AS High Temp	Added oil, restarted.	ON	ON
	2/26/2019	JW	System off - no alarms	Restarted system.	ON	ON

Appendix B

SVE System Influent/Effluent Sampling (TO-15)

Laboratory Analytical Results

Monday, February 25, 2019

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

Project ID: **ENSAFE- WESTBURY**
SDG ID: **GCC54756**
Sample ID#s: **CC54756 - CC54757**

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 have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

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

February 25, 2019

SDG I.D.: GCC54756

Project ID: ENSAFE- WESTBURY

Client Id	Lab Id	Matrix
SVE INFLUENT	CC54756	AIR
SVE EFFLUENT	CC54757	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

February 25, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JW	02/15/19	9:51
Location Code:	ENVIROTR	Received by:	CP	02/20/19	13:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	727				

Laboratory Data

SDG ID: GCC54756
Phoenix ID: CC54756

Project ID: ENSAFE- WESTBURY
Client ID: SVE INFLUENT

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/21/19	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	02/21/19	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	02/21/19	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	02/21/19	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	02/21/19	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	02/21/19	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	02/21/19	KCA	5	
1,2,4-Trimethylbenzene	ND	*1.02*	ND	*5.01*	02/21/19	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	02/21/19	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/21/19	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	02/21/19	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	02/21/19	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	02/21/19	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	02/21/19	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	02/21/19	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/21/19	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	02/21/19	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	02/21/19	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	02/21/19	KCA	5	1
4-Ethyltoluene	ND	*1.02*	ND	*5.01*	02/21/19	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	02/21/19	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	02/21/19	KCA	5	
Acetone	6.55	*2.11*	15.5	*5.01*	02/21/19	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	02/21/19	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	02/21/19	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	02/21/19	KCA	5	

Project ID: ENSAFE- WESTBURY
Client ID: SVE INFLUENT

Phoenix I.D.: CC54756

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	02/21/19	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	02/21/19	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	02/21/19	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	02/21/19	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	02/21/19	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	02/21/19	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	02/21/19	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	02/21/19	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	02/21/19	KCA	5	
Cis-1,2-Dichloroethene	219	*0.505*	868	*2.00*	02/21/19	KCA	10	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/21/19	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	02/21/19	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	02/21/19	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	02/21/19	KCA	5	
Ethanol	20.7	*2.66*	39.0	*5.01*	02/21/19	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	02/21/19	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	02/21/19	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	02/21/19	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	02/21/19	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	02/21/19	KCA	5	
Isopropylalcohol	2.86	*2.04*	7.03	*5.01*	02/21/19	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	02/21/19	KCA	5	
m,p-Xylene	ND	*1.15*	ND	*4.99*	02/21/19	KCA	5	
Methyl Ethyl Ketone	3.51	*1.70*	10.3	*5.01*	02/21/19	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	02/21/19	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	02/21/19	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	02/21/19	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	02/21/19	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	02/21/19	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	02/21/19	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	02/21/19	KCA	5	
Tetrachloroethene	4400	*5.53*	29800	*37.5*	02/23/19	KCA	150	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	02/21/19	KCA	5	1
Toluene	ND	*1.33*	ND	*5.01*	02/21/19	KCA	5	
Trans-1,2-Dichloroethene	2.83	*1.26*	11.2	*4.99*	02/21/19	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	02/21/19	KCA	5	
Trichloroethene	286	*0.372*	1540	*2.00*	02/21/19	KCA	10	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	02/21/19	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	02/21/19	KCA	5	
Vinyl Chloride	ND	*0.391*	ND	*1.00*	02/21/19	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	105	*%*	105	*%*	02/21/19	KCA	5	
% IS-1,4-Difluorobenzene (5x)	104	*%*	104	*%*	02/21/19	KCA	5	
% IS-Bromochloromethane (5x)	115	*%*	115	*%*	02/21/19	KCA	5	
% IS-Chlorobenzene-d5 (5x)	115	*%*	115	*%*	02/21/19	KCA	5	
% Bromofluorobenzene (10x)	103	*%*	103	*%*	02/21/19	KCA	10	
% IS-1,4-Difluorobenzene (10x)	100	*%*	100	*%*	02/21/19	KCA	10	
% IS-Bromochloromethane (10x)	120	*%*	120	*%*	02/21/19	KCA	10	
% IS-Chlorobenzene-d5 (10x)	110	*%*	110	*%*	02/21/19	KCA	10	

Ver 1

Project ID: ENSAFE- WESTBURY
Client ID: SVE INFLUENT

Phoenix I.D.: CC54756

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (150x)	108	%	108	%	02/23/19	KCA	150
% IS-1,4-Difluorobenzene (150x)	117	%	117	%	02/23/19	KCA	150
% IS-Bromochloromethane (150x)	131	%	131	%	02/23/19	KCA	150
% IS-Chlorobenzene-d5 (150x)	102	%	102	%	02/23/19	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 there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director
February 25, 2019
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 25, 2019

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JW	02/15/19	10:01
Location Code:	ENVIROTR	Received by:	CP	02/20/19	13:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	834				

Laboratory Data

SDG ID: GCC54756
Phoenix ID: CC54757

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*	02/21/19	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	02/21/19	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	02/21/19	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	02/21/19	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	02/21/19	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	02/21/19	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	02/21/19	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	02/21/19	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	02/21/19	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/21/19	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	02/21/19	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	02/21/19	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	02/21/19	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	02/21/19	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	02/21/19	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/21/19	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	02/21/19	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	02/21/19	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	02/21/19	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	02/21/19	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	02/21/19	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	02/21/19	KCA	1	
Acetone	33.2	*0.421*	78.8	*1.00*	02/21/19	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	02/21/19	KCA	1	
Benzene	0.499	*0.313*	1.59	*1.00*	02/21/19	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	02/21/19	KCA	1	

Project ID: ENSAFE- WESTBURY
Client ID: SVE EFFLUENT

Phoenix I.D.: CC54757

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	02/21/19	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	02/21/19	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	02/21/19	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	02/21/19	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	02/21/19	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	02/21/19	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	02/21/19	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	02/21/19	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	02/21/19	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	02/21/19	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	02/21/19	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	02/21/19	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	02/21/19	KCA	1	
Dichlorodifluoromethane	0.675	*0.202*	3.34	*1.00*	02/21/19	KCA	1	
Ethanol	1.09	*0.531*	2.05	*1.00*	02/21/19	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	02/21/19	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	02/21/19	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	02/21/19	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	02/21/19	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	02/21/19	KCA	1	
Isopropylalcohol	2.16	*0.407*	5.31	*1.00*	02/21/19	KCA	1	
Isopropylbenzene	0.276	*0.204*	1.36	*1.00*	02/21/19	KCA	1	
m,p-Xylene	ND	*0.230*	ND	*1.00*	02/21/19	KCA	1	
Methyl Ethyl Ketone	0.678	*0.339*	2.00	*1.00*	02/21/19	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	02/21/19	KCA	1	
Methylene Chloride	ND	*0.864*	ND	*3.00*	02/21/19	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	02/21/19	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	02/21/19	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	02/21/19	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	02/21/19	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	02/21/19	KCA	1	
Tetrachloroethene	0.157	*0.037*	1.06	*0.25*	02/21/19	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	02/21/19	KCA	1	1
Toluene	ND	*0.266*	ND	*1.00*	02/21/19	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	02/21/19	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	02/21/19	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	02/21/19	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	02/21/19	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	02/21/19	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	02/21/19	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	109	*%*	109	*%*	02/21/19	KCA	1	
% IS-1,4-Difluorobenzene	124	*%*	124	*%*	02/21/19	KCA	1	
% IS-Bromochloromethane	131	*%*	131	*%*	02/21/19	KCA	1	
% IS-Chlorobenzene-d5	111	*%*	111	*%*	02/21/19	KCA	1	

Project ID: ENSAFE- WESTBURY
Client ID: SVE EFFLUENT

Phoenix I.D.: CC54757

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:

The canister was received under no vacuum, therefore sample results may not be representative.

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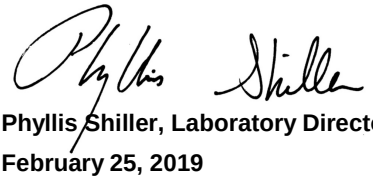

Phyllis Shiller, Laboratory Director

February 25, 2019

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

February 25, 2019

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

Location Code: ENVIROTR

SDG I.D.: GCC54756

Project ID: ENSAFE- WESTBURY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SVE INFLUENT	CC54756	727	1.4L		02/11/19	-30	-5	NA	NA		-	-	02/15/19 9:50	02/15/19 9:51
SVE EFFLUENT	CC54757	834	1.4L		02/11/19	-30	0	NA	NA		-	-	02/15/19 10:00	02/15/19 10:01

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

February 25, 2019

QA/QC Data

SDG I.D.: GCC54756

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 467764 (ppbv), QC Sample No: CC54818 (CC54756 (5X, 10X) , CC54757)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	100	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	96	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	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	167	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	113	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	105	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	93	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
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	97	7.62	7.34	3.21	3.09	3.8	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	85	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	135	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	107	0.47	0.41	0.074	0.066	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	100	1.02	ND	0.209	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	89	1.36	1.23	0.657	0.598	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	114	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	124	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	112	395 E	341	210 E	181	14.8	70 - 130	25

QA/QC Data

SDG I.D.: GCC54756

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Ethyl acetate	ND	0.280	ND	1.01	91	2.09	2.11	0.580	0.585	NC	70 - 130	25	
Ethylbenzene	ND	0.230	ND	1.00	96	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	145	ND	ND	ND	ND	NC	70 - 130	25	l
Hexane	ND	0.280	ND	0.99	79	ND	ND	ND	ND	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	90	22.9	22.6	9.31	9.18	1.4	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	95	2.34	1.87	0.539	0.430	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	97	1.79	1.65	0.608	0.559	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	89	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	88	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	95	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	109	22.6	22.0	3.33	3.24	2.7	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	84	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	103	1.92	2.04	0.511	0.541	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	114	1.28	1.05	0.238	0.196	19.4	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	103	1.79	1.35	0.318	0.240	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	96	%	96	%	99	101	99	101	99	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	139	%	139	%	107	127	124	127	124	NC	60 - 140	25	
% IS-Bromochloromethane	146	%	146	%	108	126	126	126	126	NC	60 - 140	25	s
% IS-Chlorobenzene-d5	121	%	121	%	103	110	116	110	116	NC	60 - 140	25	

QA/QC Batch 468118 (ppbv), QC Sample No: CC56552 (CC54756 (150X))

Volatiles

Tetrachloroethene	ND	0.210	ND	1.42	113	1.78	ND	0.262	ND	NC	70 - 130	25	
% Bromofluorobenzene	93	%	93	%	100	100	95	100	95	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	124	%	124	%	100		113		113		60 - 140	25	
% IS-Bromochloromethane	136	%	136	%	104		114		114		60 - 140	25	
% IS-Chlorobenzene-d5	132	%	132	%	107		121		121		60 - 140	25	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
s = This parameter is outside laboratory Blank Surrogate 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
February 25, 2019

Monday, February 25, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCC54756 - 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 25, 2019 SDG I.D.: GCC54756

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860-645-1102 • Fax: 860-645-0823

800-827-5426
email: greg@phoenixlabs.com

P.O. #

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

Report to: James Wilkinson
Customer: EnviroTrac Ltd
Address: 5 Old Dock Road
Yaphank, NY 11980

Invoice to: ENVIROTRAC

Sampled by: JIM WILKINSON

Project Name: ENGAGE - WESTBURY

Requested Deliverable:
RCP ☐ ASP CAT B ☐
MCP ☐ NJ Deliverables ☐

State where samples collected: NY

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 (MATRIX)	Soil Gas (MATRIX)	Grab (G) / Composite (C) (MATRIX)	TO-14 (ANALYSES)	TO-15 (ANALYSES)
		THIS SECTION FOR LAB USE ONLY															
54756	SVE INFLUENT	727	1.4	-30	-5	NA	NA	9:15	9:15	2/15					G		✓
54757	SVE EFFLUENT	834	1.4	-30	0	NA	NA	10:10	10:10	2/15					G		✓

Relinquished by: [signature] — Date: 2-20-19 — Time: 9:15

Accepted by: [signature] — Date: 2-20-19 — Time: 1346

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(2)(1.4)(GRAB)

Requested Criteria

Quote Number:

Data Format:
Excel ☑ Equis ☐ Other ☑ (PDF)

Turnaround Time:
☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☑ Standard

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:

Appendix C

Water Sample

Laboratory Analytical Results

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

March 01, 2019

Jim Wilkinson
Envirotrac
5 Old Dock Road
Yaphank, NY 11980
TEL: (631) 924-3001
FAX (631) 924-5001

RE: Frost Street; 101 Frost Street, Westbury, N Order No.: 1902160

Dear Jim Wilkinson:

American Analytical Laboratories, LLC. received 1 sample(s) on 2/26/2019 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1902160**

01-Mar-19

CLIENT: Envirotrac

Project: Frost Street; 101 Frost Street, Westbury, NY

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1902160-001A	Discharge Water		2/26/2019 9:30:00 AM	2/26/2019 10:50:00 AM	Liquid

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES

56 Toledo Street, Farmingdale NY 11735
(T) 631-454-6100 (F) 631-454-8027
www.american-analytical.com

CERTIFICATIONS
NY ELAP - 11418 PA DEP - 68-00573
NJ DEP - NY050 CT DOH - PH-0205

Client Information		Project Information		Analytical Information
Company Name: EnviroTrac		Project Name: Frost Street		
Address: 5 Old Dock Road		Street: 101 Frost Street		
City: Yaphank	State: NY Zip: 11980	City: Westbury	State: NY Zip:	
Project Contact: Jim Wilkinson		Project #:		
Phone #: 631-924-3001		Sampler's Name / Company: JIM WILKINSON / ENVIROTRAC		
E-mail: jamesw@envirotrac.com		Sampler's Signature:		

LAB SAMPLE # (LAB USE ONLY)	Sample Information: Client Sample ID	Sample Type	Matrix Code	Sample Collection: Date	Time	Glass / Plastic	Sample Containers: Total # of bottles	Number of Each Preserved Bottle: NONE	HCl	NaOH	HNO_3	H_2SO_4	$NaHSO_4$	MeOH	OTHER	Analytical Information
190260-001	Discharge Water	Grab	L	2/26/19	9:30	GL	3		3							VOCS - EPA 624

Turnaround Time (Business Days)
- [Standard] 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

SAMPLE TYPE
G = Grab
C = Composite
B = Blank

MATRIX CODES
L = Liquid PC = Paint Chip
S = Soil SL = Sludge
O = Oil SD = Solid
W = Wipe M = Miscellaneous

Comments / Remarks

Cooler Temp: 2.4C

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	DATE 2/26 TIME 10:50	JIM WILKINSON		DATE 2/26/19 TIME 10:50	
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE TIME	PRINTED NAME

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Sample Log-In Check List

Client Name: **ENVIROTRAC** Work Order Number: **1902160** RcptNo: **1**

Logged by:	**Lori Beyer**	**2/26/2019 10:50:00 AM**	Lori Beyer
Completed By:	**Lori Beyer**	**2/26/2019 11:14:28 AM**	Lori Beyer
Reviewed By:	**Phyllis Masi**	**2/26/2019**	Phyllis Masi

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
	No. Seal Date:	Signed By:		
5.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
6.	Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
7.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
8.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
9.	Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
10.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
11.	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?	Yes ☑	No ☐	No VOA Vials ☐
12.	Were any sample containers received broken?	Yes ☐	No ☑	
13.	Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
15.	Is it clear what analyses were requested?	Yes ☑	No ☐	
16.	Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Case Narrative

WO#: **1902160**
Date: **3/1/2019**

CLIENT: Envirotrac
Project: Frost Street; 101 Frost Street, Westbury, NY

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional EPA methods (624.1) as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion.

Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Definition Only

WO#: **1902160**
Date: **3/1/2019**

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports
ND - Not detected at the reporting limit/Limit of Quantitation

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <5x the blank value as artifact.

E - The value is above the quantitation range

D - Analyte concentration was obtained from diluted analysis or from analysis using reduced sample volume.

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.
LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.
LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy.
PQL - Practical Quantitation Limit; the lowest level that can be reliably achieved within the specific limits of Precision and accuracy. Listed on the QC Summary Forms.
m - Analyte was manually integrated for GC/MS.
+ - Concentration exceeds regulatory level for TCLP

American Analytical Laboratories, LLC.

Date: *01-Mar-19*

ELAP ID : 11418

CLIENT: Envirotrac
Client Sample ID: Discharge Water
Lab Order: 1902160
Collection Date: 2/26/2019 9:30:00 AM
Project: Frost Street; 101 Frost Street, Westbury, NY
Matrix: LIQUID
Lab ID: 1902160-001A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE EPA METHOD 624.1			**E624.1**		**E624.1**		Analyst: **LA**
1,1,1-Trichloroethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,1,2,2-Tetrachloroethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,1,2-Trichloroethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,1-Dichloroethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,1-Dichloroethene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,2-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,2-Dichloroethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,2-Dichloropropane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,3-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
1,4-Dichlorobenzene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
2-Chloroethyl vinyl ether	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Benzene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Bromodichloromethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Bromoform	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Bromomethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Carbon tetrachloride	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Chlorobenzene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Chloroethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Chloroform	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Chloromethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
cis-1,3-Dichloropropene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Dibromochloromethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Ethylbenzene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Methylene chloride	6.7	5.0	5.0	B	µg/L	1	2/27/2019 5:36:00 AM
Naphthalene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Tetrachloroethene	0.33	0.25	2.0	J	µg/L	1	2/27/2019 5:36:00 AM
Toluene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
trans-1,2-Dichloroethene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
trans-1,3-Dichloropropene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Trichloroethene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Trichlorofluoromethane	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Vinyl chloride	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
Xylenes, Total	ND	0.60	6.0	U	µg/L	1	2/27/2019 5:36:00 AM

American Analytical Laboratories, LLC.

Date: *01-Mar-19*

ELAP ID : 11418

CLIENT:	Envirotrac	**Client Sample ID:**	Discharge Water
Lab Order:	1902160	**Collection Date:**	2/26/2019 9:30:00 AM
Project:	Frost Street; 101 Frost Street, Westbury, NY	**Matrix:**	LIQUID
Lab ID:	1902160-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE EPA METHOD 624.1			**E624.1**		**E624.1**		Analyst: **LA**
Acetone	ND	5.0	5.0	U	µg/L	1	2/27/2019 5:36:00 AM
m,p-Xylene	ND	0.40	4.0	U	µg/L	1	2/27/2019 5:36:00 AM
Methyl tert-butyl ether	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM
o-Xylene	ND	0.25	2.0	U	µg/L	1	2/27/2019 5:36:00 AM