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

Via email to Jeffrey.dyber@dec.ny.gov

September 6, 2017

Mr. Jeffrey Dyber, P.E.
NYSDEC, Remedial Bureau A
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Re: Progress Report: August 2017
Frost Street Sites: Site ID #s 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Mr. Dyber:

EnSafe Inc. is pleased to submit the Progress Report for the Frost Street Sites (Site ID #s 1-30043 I, L, M) for work completed in August 2017.

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

- 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**).
- Quantitative sampling of the SVE system granular activated carbon influent and effluent air flow was conducted after the carbon exchange, on August 10, 2017, 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**.
 - o Influent concentrations of Frost Street-related contaminants of concern (tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride) continue to indicate significant mass extraction. Photoionization detector readings between the lead and lag activated carbon media vessels and in the effluent air stream exhibit 0.0 parts per million total volatile organic compounds.
 - o Effluent concentrations are well below the allowable limits, as shown in the table below.

Frost Street Sites Effluent Compliance			
System Flow Rate =		800	ft ³ /m
Compound	Annual Mass Emission Limit (lbs/year)	Allowable Continuous Annual Concentration (µg/m ³)	August 2017 Effluent Concentration (µg/m ³)
Trichloroethene	500	19,000	12
Tetrachloroethene	1,000	38,000	28.3
Vinyl Chloride	100	3,800	ND
Cis-1,2-Dichloroethene	100	3,800	245

Notes:

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

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

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.

Quarterly/Annual Groundwater Monitoring

- The second quarter 2017 groundwater monitoring report was submitted to NYSDEC on September 6, 2017.
- The third quarter 2017 groundwater sampling event will be completed in September 2017.

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

Sincerely,

EnSafe, Inc., by

Alexandra M. J. Stark

Alexandra Stark, P.E.

Copies: A. Tamuno, Esq., NYSDEC
G. Bobersky, NYSDEC
C. Bethoney, NYSDOH
J. Nealon, NYSDOH
J. DeFranco, NCDOH
T. Pupilla, Sanders Equities
K. Maldonado, Esq.
J. Privitera, Esq.
J. LaPoma, U.S. EPA
J. Heaney, Walden Associates

Via email to amtamuno@gw.dec.state.ny.us
Via email to gtbobers@gw.dec.state.ny.us
Via email to charlotte.bethoney@health.ny.gov
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Via email to lapoma.jennifer@epa.gov
Via email to jheaney@walden-associates.com



P. Coop, EnSafe
J. Parillo, EnSafe
J. Wilkinson, Envirotrac

*Via email to pcoop@ensafe.com
Via email to jparillo@ensafe.com
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: 3-Aug
Weather / Temp: Sunny / 80 DEG
Technician / Operator: JW

Arrival Time: 11:20
Departure Time: 14:00

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)	4200	825	Blower 1 Total Runtime (hrs)	47,620.6					
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	47,516.6					
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0					
Moisture Separator Vacuum ("Hg)	3		Blower 2 Air Filter Differential Pressure ("H2O)	0					
VGAC-1 Influent Vacuum ("H2O)	58		VGAC-1 Influent PID (ppm)	5.1					
VGAC-1 Effluent Vacuum ("H2O)	46		VGAC-1 Effluent PID (ppm)	0.0					
VGAC-2 Influent Vacuum ("H2O)	45		VGAC-2 Influent PID (ppm)	5.1					
VGAC-2 Effluent Vacuum ("H2O)	45		VGAC-2 Effluent PID (ppm)	0.0					
VGAC-3 Influent Vacuum ("H2O)	48		VGAC-3 Influent PID (ppm)	0.0					
VGAC-3 Effluent Vacuum ("H2O)	48		VGAC-3 Effluent PID (ppm)	0.0					
Blower Effluent Temp (DegF)	NA		Blower Effluent PID (ppm)	0.0					
Blower Effluent Pressure ("H2O)	10								
Transfer Pump Total Runtime (hrs)	25,026.0		Condensate Storage Tank Level (gal)	100					
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	36	6000	131		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	28	3700	81	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	38	3500	76		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	30	2600	57	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	30	4200	92		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	28	5500	120	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	28	3700	81		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	32	2600	57	
Air Sparge System									
Compressor 1 Pressure (psi)	Off for repairs				Compressor 2 Pressure (psi)	98			
Compressor 1 Temperature (degF)	Off for repairs				Compressor 2 Temperature (degF)	223			
Compressor 1 Runtime (hrs)	27,317				Compressor 2 Runtime (hrs)	23,008			
Manifold Regulator Pressure (psi)	90								
AS Manifold Legs - Pressure/Flow Rate									
	Pressure		Flow Rate			Pressure		Flow Rate	
AS-1 (psi)/cfm)	15		13		AS-11 (psi)/cfm)	12.5		4	
AS-2 (psi)/cfm)	12		6		AS-12B (psi)/cfm)	12.5		8	
AS-3 (psi)/cfm)	13		5		AS-13B (psi)/cfm)	12.5		11	
AS-4 (psi)/cfm)	13		9		AS-14 (psi)/cfm)	14		10	
AS-5 (psi)/cfm)	13		7		AS-15 (psi)/cfm)	13		10	
AS-6 (psi)/cfm)	13		7		AS-16B (psi)/cfm)	13		10	
AS-7 (psi)/cfm)	14		4		AS-17 (psi)/cfm)	14		4	
AS-8 (psi)/cfm)	12		10		AS-18 (psi)/cfm)	9		5	
AS-9 (psi)/cfm)	14		10		AS-19 (psi)/cfm)	12		4	
AS-10B (psi)/cfm)	13		10						

Notes, Comments & Observations:

Operation & Maintenance Data Sheet
Ensae-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: 10-Aug
Weather / Temp: Sunny / 85 DEG
Technician / Operator: JW

Arrival Time: 9:30
Departure Time: 11:30

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)	4100		805		Blower 1 Total Runtime (hrs)	47,709.0			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	47,594.8			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	3				Blower 2 Air Filter Differential Pressure ("H2O)	0			
VGAC-1 Influent Vacuum ("H2O)	58				VGAC-1 Influent PID (ppm)	1.4			
VGAC-1 Effluent Vacuum ("H2O)	46				VGAC-1 Effluent PID (ppm)	0.0			
VGAC-2 Influent Vacuum ("H2O)	46				VGAC-2 Influent PID (ppm)	1.4			
VGAC-2 Effluent Vacuum ("H2O)	46				VGAC-2 Effluent PID (ppm)	0.0			
VGAC-3 Influent Vacuum ("H2O)	48				VGAC-3 Influent PID (ppm)	0.0			
VGAC-3 Effluent Vacuum ("H2O)	48				VGAC-3 Effluent PID (ppm)	0.0			
Blower Effluent Temp (DegF)	NA				Blower Effluent PID (ppm)	0.0			
Blower Effluent Pressure ("H2O)	9								
Transfer Pump Total Runtime (hrs)	25,026.0				Condensate Storage Tank Level (gal)	100			
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	36	6000	131	4.2	SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	28	3600	79	0.0
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	38	3500	76	0.0	SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	29	3000	65	0.0
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	30	4100	89	0.0	SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	29	5250	115	7.0
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	28	3600	79	0.0	SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	31	2600	57	0.0
Air Sparge System									
Compressor 1 Pressure (psi)	Off for repairs				Compressor 2 Pressure (psi)	100			
Compressor 1 Temperature (degF)	Off for repairs				Compressor 2 Temperature (degF)	208			
Compressor 1 Runtime (hrs)	27,317				Compressor 2 Runtime (hrs)	23,175			
Manifold Regulator Pressure (psi)	95								
AS Manifold Legs - Pressure/Flow Rate									
	Pressure	Flow Rate			Pressure	Flow Rate			
AS-1 (psi)/(cfm)	13.5	10	AS-11 (psi)/(cfm)		13	4			
AS-2 (psi)/(cfm)	12.5	7	AS-12B (psi)/(cfm)		13	8			
AS-3 (psi)/(cfm)	12.5	5	AS-13B (psi)/(cfm)		12.5	10			
AS-4 (psi)/(cfm)	13	9	AS-14 (psi)/(cfm)		14	10			
AS-5 (psi)/(cfm)	13	7	AS-15 (psi)/(cfm)		14	10			
AS-6 (psi)/(cfm)	13	7	AS-16B (psi)/(cfm)		13	10			
AS-7 (psi)/(cfm)	13	4	AS-17 (psi)/(cfm)		14	4			
AS-8 (psi)/(cfm)	12.5	10	AS-18 (psi)/(cfm)		10	5			
AS-9 (psi)/(cfm)	13.5	10	AS-19 (psi)/(cfm)		12.5	4			
AS-10B (psi)/(cfm)	13	10							

Notes, Comments & Observations: _____

Collected monthly samples. _____

Operation & Maintenance Data Sheet
 Ensae-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: 16-Aug
Weather / Temp: Sunny / 80 DEG
Technician / Operator: DW

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

System Status									
	Arrival		Departure			Arrival		Departure	
SVE Blower 1 (ON/OFF)	OFF		OFF		Sensaphone (ON/OFF)	ON		ON	
SVE Blower 2 (ON/OFF)	ON		ON		Surge Protection (ON/OFF)	ON		ON	
AS Compressor 1 (ON/OFF)	OFF		OFF		Lightning Protection (White/Black)	White		White	
AS Compressor 2 (ON/OFF)	ON		ON						
Soil Vapor Extraction System									
Blower Air Velocity/Flow Rate (fpm)/cfm)	4200		825		Blower 1 Total Runtime (hrs)	47,782.9			
Blower 1 Fresh Air Valve Open (%)	0				Blower 2 Total Runtime (hrs)	47,666.7			
Blower 2 Fresh Air Valve Open (%)	0				Blower 1 Air Filter Differential Pressure ("H2O)	0			
Moisture Separator Vacuum ("Hg)	2.5				Blower 2 Air Filter Differential Pressure ("H2O)	0			
VGAC-1 Influent Vacuum ("H2O)	48				VGAC-1 Influent PID (ppm)	3.6			
VGAC-1 Effluent Vacuum ("H2O)	60				VGAC-1 Effluent PID (ppm)	0.0			
VGAC-2 Influent Vacuum ("H2O)	48				VGAC-2 Influent PID (ppm)	3.6			
VGAC-2 Effluent Vacuum ("H2O)	48				VGAC-2 Effluent PID (ppm)	0.0			
VGAC-3 Influent Vacuum ("H2O)	35				VGAC-3 Influent PID (ppm)	0.0			
VGAC-3 Effluent Vacuum ("H2O)	40				VGAC-3 Effluent PID (ppm)	0.0			
Blower Effluent Temp (DegF)	NA				Blower Effluent PID (ppm)	0.0			
Blower Effluent Pressure ("H2O)	10								
Transfer Pump Total Runtime (hrs)	25,026.0				Condensate Storage Tank Level (gal)	100			
SVE Manifold Legs - Vacuum/Flow Rate/PID									
	Vacuum	Velocity	Flow Rate	PID		Vacuum	Velocity	Flow Rate	PID
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	44	6000	131		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)	28	3500	76	
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	42	3500	76		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)	28	2500	55	
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	30	4000	87		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)	28	5000	109	
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	26	3600	79		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)	28	2600	57	
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)	190			
Compressor 1 Runtime (hrs)	27,317				Compressor 2 Runtime (hrs)	23,319			
Manifold Regulator Pressure (psi)	80								
AS Manifold Legs - Pressure/Flow Rate									
	Pressure		Flow Rate			Pressure		Flow Rate	
AS-1 (psi)/(cfm)	15		10		AS-11 (psi)/(cfm)	14		4	
AS-2 (psi)/(cfm)	14		8		AS-12B (psi)/(cfm)	15		8	
AS-3 (psi)/(cfm)	14		4		AS-13B (psi)/(cfm)	14		9	
AS-4 (psi)/(cfm)	14		8		AS-14 (psi)/(cfm)	15		9	
AS-5 (psi)/(cfm)	15		6		AS-15 (psi)/(cfm)	16		8	
AS-6 (psi)/(cfm)	15		7		AS-16B (psi)/(cfm)	14		10	
AS-7 (psi)/(cfm)	14		4		AS-17 (psi)/(cfm)	14		4	
AS-8 (psi)/(cfm)	14		10		AS-18 (psi)/(cfm)	12		5	
AS-9 (psi)/(cfm)	14		11		AS-19 (psi)/(cfm)	14		4	
AS-10B (psi)/(cfm)	15		10						

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: 23-Aug
Weather / Temp: Sunny / 80 DEG
Technician / Operator: JW

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

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)	4000	785	Blower 1 Total Runtime (hrs)	47,866.9	
Blower 1 Fresh Air Valve Open (%)	0		Blower 2 Total Runtime (hrs)	47,748.4	
Blower 2 Fresh Air Valve Open (%)	0		Blower 1 Air Filter Differential Pressure ("H2O)	0	
Moisture Separator Vacuum ("Hg)	2.5		Blower 2 Air Filter Differential Pressure ("H2O)	0	
VGAC-1 Influent Vacuum ("H2O)	40		VGAC-1 Influent PID (ppm)	2.0	
VGAC-1 Effluent Vacuum ("H2O)	48		VGAC-1 Effluent PID (ppm)	0.0	
VGAC-2 Influent Vacuum ("H2O)	46		VGAC-2 Influent PID (ppm)	2.0	
VGAC-2 Effluent Vacuum ("H2O)	48		VGAC-2 Effluent PID (ppm)	0.0	
VGAC-3 Influent Vacuum ("H2O)	35		VGAC-3 Influent PID (ppm)	0.0	
VGAC-3 Effluent Vacuum ("H2O)	40		VGAC-3 Effluent PID (ppm)	0.0	
Blower Effluent Temp (DegF)	NA		Blower Effluent PID (ppm)	0.0	
Blower Effluent Pressure ("H2O)	10				
Transfer Pump Total Runtime (hrs)	25,026.0		Condensate Storage Tank Level (gal)	100	
SVE Manifold Legs - Vacuum/Flow Rate/PID					
	Vacuum	Velocity	Flow Rate	PID	
SVE-1 ("H2O)/(FPM)/(cfm)/(ppm)	36	5500	120		SVE-4 ("H2O)/(FPM)/(cfm)/(ppm)
SVE-2 ("H2O)/(FPM)/(cfm)/(ppm)	38	3000	65		SVE-5 ("H2O)/(FPM)/(cfm)/(ppm)
SVE-3 ("H2O)/(FPM)/(cfm)/(ppm)	36	4100	89		SVE-6B ("H2O)/(FPM)/(cfm)/(ppm)
SVE-3A ("H2O)/(FPM)/(cfm)/(ppm)	28	3600	79		SVE-7 ("H2O)/(FPM)/(cfm)/(ppm)
Air Sparge System					
Compressor 1 Pressure (psi)	Off for repairs			Compressor 2 Pressure (psi)	78
Compressor 1 Temperature (degF)	Off for repairs			Compressor 2 Temperature (degF)	172
Compressor 1 Runtime (hrs)	27,317			Compressor 2 Runtime (hrs)	23,325
Manifold Regulator Pressure (psi)	70				
AS Manifold Legs - Pressure/Flow Rate					
	Pressure	Flow Rate		Pressure	Flow Rate
AS-1 (psi)/(cfm)	13	10	AS-11 (psi)/(cfm)	13	4
AS-2 (psi)/(cfm)	12	7	AS-12B (psi)/(cfm)	13	9
AS-3 (psi)/(cfm)	12	5	AS-13B (psi)/(cfm)	12	10
AS-4 (psi)/(cfm)	13	10	AS-14 (psi)/(cfm)	14	10
AS-5 (psi)/(cfm)	13	8	AS-15 (psi)/(cfm)	14	10
AS-6 (psi)/(cfm)	13	7	AS-16B (psi)/(cfm)	13	10
AS-7 (psi)/(cfm)	13	4	AS-17 (psi)/(cfm)	14	4
AS-8 (psi)/(cfm)	13	10	AS-18 (psi)/(cfm)	10	4
AS-9 (psi)/(cfm)	13	10	AS-19 (psi)/(cfm)	13	4
AS-10B (psi)/(cfm)	13	10			

Notes, Comments & Observations:

Compressor 2 off upon arrival due to breaker on motor starter being tripped.

Appendix B
SVE System Influent/Effluent Sampling (TO-15)
Laboratory Analytical Results



Wednesday, August 16, 2017

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

Project ID: ENSAFE-WESTBURY
Sample ID#s: BY83347 - BY83348

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,

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



Analysis Report

August 16, 2017

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: 72 Hour
P.O.#:
Canister Id: 811

Custody Information

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

Date

08/10/17 10:15
08/11/17 17:25

Time

Project ID: ENSAFE-WESTBURY
Client ID: SVE EFFLUENT

Laboratory Data

SDG ID: GBY83347
Phoenix ID: BY83347

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	0.146	ND	1.00	08/12/17	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	08/12/17	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/12/17	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/12/17	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/12/17	KCA	1
1,1-Dichloroethene	ND	0.252	ND	1.00	08/12/17	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/12/17	KCA	1
1,2,4-Trimethylbenzene	0.297	0.204	1.46	1.00	08/12/17	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/12/17	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/12/17	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/12/17	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/12/17	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/12/17	KCA	1
1,3,5-Trimethylbenzene	0.417	0.204	2.05	1.00	08/12/17	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/12/17	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/12/17	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/12/17	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/12/17	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/12/17	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	08/12/17	KCA	1
4-Isopropyltoluene	0.213	0.182	1.17	1.00	08/12/17	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/12/17	KCA	1
Acetone	2.20	S 0.421	5.22	1.00	08/12/17	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/12/17	KCA	1
Benzene	ND	0.313	ND	1.00	08/12/17	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/12/17	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	08/12/17	KCA	1
Bromoform	ND	0.097	ND	1.00	08/12/17	KCA	1
Bromomethane	ND	0.258	ND	1.00	08/12/17	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	08/12/17	KCA	1
Carbon Tetrachloride	ND	0.040	ND	0.25	08/12/17	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	08/12/17	KCA	1
Chloroethane	ND	0.379	ND	1.00	08/12/17	KCA	1
Chloroform	ND	0.205	ND	1.00	08/12/17	KCA	1
Chloromethane	ND	0.485	ND	1.00	08/12/17	KCA	1
Cis-1,2-Dichloroethene	61.8	1.26	245	4.99	08/14/17	KCA	5
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/12/17	KCA	1
Cyclohexane	ND	0.291	ND	1.00	08/12/17	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	08/12/17	KCA	1
Dichlorodifluoromethane	0.569	0.202	2.81	1.00	08/12/17	KCA	1
Ethanol	2.52	0.531	4.75	1.00	08/12/17	KCA	1 1
Ethyl acetate	ND	0.278	ND	1.00	08/12/17	KCA	1 1
Ethylbenzene	ND	0.230	ND	1.00	08/12/17	KCA	1
Heptane	ND	0.244	ND	1.00	08/12/17	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	08/12/17	KCA	1
Hexane	2.11	S 0.284	7.43	1.00	08/12/17	KCA	1
Isopropylalcohol	ND	0.407	ND	1.00	08/12/17	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	08/12/17	KCA	1
m,p-Xylene	0.657	0.230	2.85	1.00	08/12/17	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	08/12/17	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	08/12/17	KCA	1
Methylene Chloride	0.432	S 0.288	1.50	1.00	08/12/17	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	08/12/17	KCA	1 1
o-Xylene	0.374	0.230	1.62	1.00	08/12/17	KCA	1
Propylene	ND	0.581	ND	1.00	08/12/17	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	08/12/17	KCA	1 1
Styrene	ND	0.235	ND	1.00	08/12/17	KCA	1
Tetrachloroethene	4.14	0.037	28.1	0.25	08/12/17	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	08/12/17	KCA	1 1
Toluene	ND	0.266	ND	1.00	08/12/17	KCA	1
Trans-1,2-Dichloroethene	0.789	0.252	3.13	1.00	08/12/17	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/12/17	KCA	1
Trichloroethene	2.23	0.047	12.0	0.25	08/12/17	KCA	1
Trichlorofluoromethane	0.192	0.178	1.08	1.00	08/12/17	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/12/17	KCA	1
Vinyl Chloride	ND	0.098	ND	0.25	08/12/17	KCA	1
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	103	%	103	%	08/12/17	KCA	1

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 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

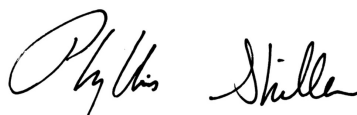
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

August 16, 2017

Reviewed and Released by: Ethan Lee, 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

August 16, 2017

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

Sample Information

Matrix: AIR
Location Code: ENVIOTR
Rush Request: 72 Hour
P.O.#:
Canister Id: 787

Custody Information

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

Date

08/10/17 10:18
08/11/17 17:25

Time

Project ID: ENSAFE-WESTBURY
Client ID: SVE INFLUENT

Laboratory Data

SDG ID: GBY83347
Phoenix ID: BY83348

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	0.146	ND	1.00	08/12/17	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	08/12/17	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	08/12/17	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	08/12/17	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	08/12/17	KCA	1
1,1-Dichloroethene	ND	0.252	ND	1.00	08/12/17	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	08/12/17	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	08/12/17	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	08/12/17	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	08/12/17	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	08/12/17	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	08/12/17	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	08/12/17	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	08/12/17	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	08/12/17	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	08/12/17	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	08/12/17	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	08/12/17	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	08/12/17	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	08/12/17	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	08/12/17	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	08/12/17	KCA	1
Acetone	3.47	S 0.421	8.24	1.00	08/12/17	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	08/12/17	KCA	1
Benzene	ND	0.313	ND	1.00	08/12/17	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	08/12/17	KCA	1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	08/12/17	KCA	1
Bromoform	ND	0.097	ND	1.00	08/12/17	KCA	1
Bromomethane	ND	0.258	ND	1.00	08/12/17	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	08/12/17	KCA	1
Carbon Tetrachloride	0.079	0.040	0.50	0.25	08/12/17	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	08/12/17	KCA	1
Chloroethane	ND	0.379	ND	1.00	08/12/17	KCA	1
Chloroform	ND	0.205	ND	1.00	08/12/17	KCA	1
Chloromethane	0.495	0.485	1.02	1.00	08/12/17	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	08/12/17	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	08/12/17	KCA	1
Cyclohexane	ND	0.291	ND	1.00	08/12/17	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	08/12/17	KCA	1
Dichlorodifluoromethane	0.480	0.202	2.37	1.00	08/12/17	KCA	1
Ethanol	1.66	0.531	3.13	1.00	08/12/17	KCA	1 1
Ethyl acetate	ND	0.278	ND	1.00	08/12/17	KCA	1 1
Ethylbenzene	ND	0.230	ND	1.00	08/12/17	KCA	1
Heptane	ND	0.244	ND	1.00	08/12/17	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	08/12/17	KCA	1
Hexane	2.53	S 0.284	8.91	1.00	08/12/17	KCA	1
Isopropylalcohol	ND	0.407	ND	1.00	08/12/17	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	08/12/17	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	08/12/17	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	08/12/17	KCA	1
Methyl tert-butyl ether(MTBE)	0.381	0.278	1.37	1.00	08/12/17	KCA	1
Methylene Chloride	5.18	0.288	18.0	1.00	08/12/17	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	08/12/17	KCA	1 1
o-Xylene	ND	0.230	ND	1.00	08/12/17	KCA	1
Propylene	ND	0.581	ND	1.00	08/12/17	KCA	1 1
sec-Butylbenzene	ND	0.182	ND	1.00	08/12/17	KCA	1 1
Styrene	ND	0.235	ND	1.00	08/12/17	KCA	1
Tetrachloroethene	0.099	0.037	0.67	0.25	08/12/17	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	08/12/17	KCA	1 1
Toluene	ND	0.266	ND	1.00	08/12/17	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	08/12/17	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	08/12/17	KCA	1
Trichloroethene	ND	0.047	ND	0.25	08/12/17	KCA	1
Trichlorofluoromethane	0.242	0.178	1.36	1.00	08/12/17	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	08/12/17	KCA	1
Vinyl Chloride	ND	0.098	ND	0.25	08/12/17	KCA	1
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	103	%	103	%	08/12/17	KCA	1

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 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:

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

August 16, 2017

Reviewed and Released by: Ethan Lee, Project Manager



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



QA/QC Report

August 16, 2017

QA/QC Data

SDG I.D.: GBY83347

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 397568 (ppbv), QC Sample No: BY83190 (BY83347, BY83348)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	121	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.183	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.183	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.247	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.252	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.166	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.247	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.216	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.452	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.166	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.278	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.244	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.204	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.182	ND	1.00	112	1.08	1.03	0.196	0.187	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.421	ND	1.00	102	16.6	16.0	6.98	6.76	3.2	70 - 130	25
Acrylonitrile	ND	0.461	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.313	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.193	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.149	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.257	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.321	ND	1.00	117	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.040	ND	0.25	101	0.49	0.49	0.078	0.078	NC	70 - 130	25
Chlorobenzene	ND	0.217	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.379	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.205	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.484	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.291	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.117	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.202	ND	1.00	102	2.24	2.20	0.454	0.445	NC	70 - 130	25
Ethanol	ND	0.531	ND	1.00	107	18.3	18.8	9.7	10.0	3.0	70 - 130	25

QA/QC Data

SDG I.D.: GBY83347

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	0.278	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	115	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.244	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.284	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Isopropylalcohol	ND	0.407	ND	1.00	97	2.29	2.21	0.934	0.901	NC	70 - 130	25
Isopropylbenzene	ND	0.204	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	115	1.07	1.02	0.247	0.234	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.339	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.288	ND	1.00	97	1.75 S	0.90 S	0.505 S	0.258 S	NC	70 - 130	25
n-Butylbenzene	ND	0.182	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.581	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.182	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.235	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	114	ND	ND	ND	ND	NC	70 - 130	25
Tetrahydrofuran	ND	0.339	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.266	ND	1.00	107	1.38	1.36	0.367	0.362	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.047	ND	0.25	105	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.178	ND	1.00	105	1.31	1.35	0.233	0.241	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.131	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.098	ND	0.25	98	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	105	%	105	%	100	105	102	105	102	NC	70 - 130	25

QA/QC Batch 397704 (ppbv), QC Sample No: BY83795 (BY83347 (5X))

Volatiles

Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
August 16, 2017

Wednesday, August 16, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBY83347 - 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 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.



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



Analysis Comments

August 16, 2017

SDG I.D.: GBY83347

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

Environmental Laboratories, Inc.

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CHAIN OF CUSTODY RECORD

AIR ANALYSES

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