May 25, 2018

Mr. Eugene Melnyk, P.E
New York State Department of Environmental Conservation
Region 9 Office
270 Michigan Avenue
Buffalo, NY 14203

Subject**:** **Soil Vapor Intrusion Investigation Report**
Exxon Mobile Oil Corporation – Former Buffalo Terminal
Operable Unit 3 – Babcock Property
Buffalo, New York

Dear Mr. Melnyk:

Amec Foster Wheeler Environment & Infrastructure, Inc., in association with AMEC E&E PC (AMEC) has prepared this Soil Vapor Intrusion Investigation Report (SVI Report) on behalf of ESCP LLC for vapor intrusion (VI) studies at one structure on Operable Unit (OU) 3 at the former ExxonMobil refinery (the Site) in Buffalo, NY. This VI study was conducted in response to the OU2 East Decision Document provided to Elk Street Commerce Park by the New York State Department of Environmental Conservation (NYSDEC) on December 6, 2017. The VI study was conducted in accordance with the 2006 New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (most recently updated in 2017).

SITE DESCRIPTION

OU3 encompasses a portion of the former terminal, including: the Southern Tank Yard Area and southern portions of the Babcock Street Properties Area, Central Rail and Process Area and Former Refinery Area. SVI sampling at this parcel was conducted within a large industrial building located in the southern portion of the property previously identified as Building 135. The current building and site layout of OU3 is shown on Figure 1.

The majority of the Site is currently zoned industrial. It is located in an urban area, generally surrounded by a mixture of industrial and commercial property. A large portion of the site is vacant. The largest active facility on-site is a petroleum distribution terminal. Several smaller commercial businesses operate on the western end of the site.

The Site is located in an area of Buffalo that has numerous parcels of available vacant land. The immediate area surrounding OU3 is comprised of several active industrial uses south of Elk Street, including, the active petroleum distribution terminal; an auto parts recycler; a fertilizer packaging facility and other industrial enterprises to the east; and a sulfuric acid manufacturing plant to the west. North of Elk Street there is vacant land; an auto parts recycler; several industrial enterprises; a tavern; and limited residential housing.

PREVIOUS INVESTIGATIONS

Various remedial investigations have been conducted at the ExxonMobil Former Terminal and the Site is currently participating the NYSDEC Brownfield Program Site No. C915201D. SVI sampling was last conducted in 2009 by Roux Associates Inc. Chlorinated compounds, benzene, toluene, ethyl benzene and xylenes (BTEX) were identified in the soil vapor samples collected from the vicinity of Building 135 (Roux Associates, 2009[1]).

SCOPE OF WORK

To evaluate the indoor air quality and the potential for soil vapor intrusion of contaminants from soil vapor to indoor air, soil vapor and indoor air sampling was conducted. The general task completed are described below.

Site Inspections

AMEC visited Building 135 and conducted an inspection of building conditions, inventoried chemical products stored in the building, and completed a photo-ionization detector (PID) survey using a meter with detections in the parts per billion (ppb) range. Observations were recorded on an Indoor Air Quality Questionnaire and Building Inventory Form included in Attachment 1. During the inspection sample locations were selected based on available information and the potential for SVI exposure, as described below in the Task 2 description.

Building 135 is currently being used by Pinto Construction for office space, a sign painting shop, workshop space, and storage. Items identified as being stored/used in the facility include, but are not limited to:

[1] Roux Associates, November 2009, "Second Round Soil Vapor Sampling Report and Scope of Work for Additional Sampling", ExxonMobil Former Buffalo Terminal, Buffalo, New York, Prepared for ExxonMobil Oil Corporation

- Gasoline
- Lacquer
- Adhesive Remover
- Spray Paints
- PB B'laster (petroleum distillates), naphthalene

Vapor Intrusion Sampling

Vapor intrusion sampling was conducted in general accordance with the AMEC work plan dated February 2, 2018 and the current NYSDOH VI guidance. Samples were collected in Summa-type canisters over an approximate 24 hour period from February 21 to February 22, 2018.

The building foundation consists of an approximate 6 to 8-inch thick concrete slab on support piers. The floor was in fairly good condition and there was no access points to below the slab. Portions of the building were identified as well sealed from the outside and heated (office space) and other areas had loosely sealed bay doors (primarily the south end of the building).

Five subslab samples and four indoor air samples were collected in Building 135. The sample locations were selected based on the building inspection and were chosen to evaluate occupied spaces, areas with potential indoor sources of contamination, and to achieve spatial distribution of sub-slab and indoor air samples throughout the building. Subslab samples were collected by drilling a hole through the slab, placing Teflon tubing connected to the sample canister through the hole, sealing around the tubing with non-hardening clay, purging the tubing line, and connecting the tubing to the sampling container. Based on the helium leak testing conducted on one of the samples (i.e. 20% of the locations), the sub-slab seals were determined to be effective. One ambient/background air sample was collected.

Samples were shipped to Centek Laboratories, Inc. of Syracuse, NY for TO-15 analysis.

SVI Results and Conclusions

A USEPA Stage 2A Validation was completed on the analytical data received from Centek and the data was determined to be usable. The DUSR is presented in Attachment 2. Results were compared to the NYSDOH Soil Vapor Intrusion Decision Matrices (NYSDOH, 2017) for the eight compounds associated

with the three decision matrices. The eight compounds were either not detected, or were detected at concentrations below action limits. Analytical results are presented in Table 1. Table 1 compares results to the 90th percentile in the "Indoor Air" table in Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes from Appendix C of the NYSDOH Soil Vapor Intrusion Guidance. Results were also compared to the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for "Composite Worker Air" with a target hazard quotient of 0.1 because the NYSDOH does not have indoor air guidelines for commercial properties. Compounds detected in the indoor air of Building 135 did not exceed either the 90th percentile of the indoor air background study, or the USEPA RSLs for workers.

Soil vapor results were also compared to the USEPA RSLs for Composite Worker Air with an assumed conservative attenuation factor of 0.1. Soil vapor concentrations did not exceed the RSL assuming an attenuation factor of 0.1, indicating that even if the building were well sealed at all locations, it is not likely that indoor air concentrations would exceed EPA RSLs for Composite Worker Air.

Recommendations

Based on the results of the SVI investigation, no further action or SVI monitoring is deemed necessary for Building 135.

Please contact Samuel Farnsworth of AMEC at (978) 392-5322 should you have any questions or require additional information.

Sincerely,

AMEC E&E, PC

Charles Staples, P.G.
Senior Scientist

Samuel Farnsworth
Principal Scientist

cc: Paul Neureuter
Dayne Crowley
Ben Genes

Legend

2018 SVI Sample Locations
- Indoor Air
- Soil Vapor

- Aproximate Building Walls
- Operable Unit
- Property Boundary

N

0 25 50 Feet

amec foster wheeler

Prepared/Date: CRS 03/09/18 | Checked/Date: JMF 03/09/18

Figure 1
OU3
SVI Sample Locations

ExxonMobil Former Buffalo Terminal
Buffalo, New York

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Table 1: OU-3 SVI Results

			Building	Ambient Air		Building 135		Building 135		Building 135	
			Location	OU3-OUT-AA100		OU3-135-SV100		OU3-135-SV101		OU3-135-SV102	
			Sample Date	2/22/2018		2/22/2018		2/22/2018		2/22/2018	
			Sample ID	OU3-OUT-AA100		OU3-135-SV100		OU3-135-SV101		OU3-135-SV102	
			QC Code	FS		FS		FS		FS	
			Sample Type	Outdoor Air		Soil Vapor		Soil Vapor		Soil Vapor	
Parameter	90th Percentile NY Background	Indoor Air USEPA RSL	Soil Vapor (RSL*10)	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	3.1	2200	22000	0.82	U	0.82	U	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	<0.25	0.21	2.1	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.8	13000	130000	1.1	U	1.1	U	1.1	U	1.1	U
1,1,2-Trichloroethane	<0.25	0.77	7.7	0.82	U	0.82	U	0.82	U	0.82	U
1,1-Dichloroethane	<0.25	7.7	77	0.61	U	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	<0.25	88	880	0.16	U	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	3.4	0.88	8.8	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
1,2,4-Trimethylbenzene	9.5	3.1	31	0.74	UJ	**0.59**	J	0.74	UJ	0.74	UJ
1,2-Dibromoethane	<0.25	0.02	0.2	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.52	NA	NA	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	0.72	88	8.8	0.9	UJ	0.9	UJ	0.9	UJ	0.9	UJ
1,2-Dichloroethane	<0.25	0.47	4.7	0.61	U	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	<0.25	1.2	12	0.69	U	0.69	U	0.69	U	0.69	U
1,3,5-Trimethylbenzene	3.6	NA	NA	0.74	UJ	0.74	UJ	0.74	UJ	0.74	UJ
1,3-Butadiene	4.6	0.41	4.1	0.33	U	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	0.6	NA	NA	0.9	U	0.9	U	0.9	U	0.9	U
1,4-Dichlorobenzene	1.3	1.1	11	0.9	U	0.9	U	0.9	U	0.9	U
1,4-Dioxane	NA	2.5	25	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	16	2200	22000	**0.77**	J	**1.8**	J	**2**	J	**2.9**	J
2-Hexanone	NA	13	130	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	NA	88	880	0.37	U	**25**		**22**		**22**	
4-Ethyltoluene	NA	NA	NA	0.74	UJ	0.74	UJ	0.74	UJ	0.74	UJ
4-Methyl-2-pentanone	2.2	1300	13000	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
Acetone	110	14000	140000	**6.4**		**26**		**32**		**33**	
Allyl chloride	NA	2	20	0.47	U	0.47	U	0.47	U	0.47	U
Benzene	15	1.6	16	**0.67**		**2.8**		**0.83**		**1**	
Benzyl chloride	NA	0.25	2.5	0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ
Bromodichloromethane	NA	0.33	3.3	1	U	1	U	1	U	1	U
Bromoform	NA	11	110	1.6	U	1.6	U	1.6	U	1.6	U
Bromomethane	0.6	2.2	22	0.58	U	0.58	U	0.58	U	0.58	U
Carbon disulfide	NA	310	3100	0.47	U	0.47	U	0.47	U	0.47	U
Carbon tetrachloride	0.81	2	20	0.19	U	0.94	U	0.94	U	0.94	U
Chlorobenzene	<0.25	22	220	0.69	U	0.69	U	0.69	U	0.69	U
Chloroethane	<0.25	4400	44000	0.4	U	0.4	U	0.4	U	0.4	U
Chloroform	1.4	0.53	5.3	0.73	U	0.73	U	0.73	U	0.73	U
Chloromethane	3.3	39	390	**0.95**		**0.31**		**0.33**		0.31	U
Cis-1,2-Dichloroethene	<0.25	NA	NA	0.16	U	0.59	U	0.59	U	0.59	U
Cis-1,3-Dichloropropene	<0.25	3.1	31	0.68	U	0.68	U	0.68	U	0.68	U
Cyclohexane	8.1	2600	26000	0.52	U	**1.5**		**1**		**1.1**	
Dibromochloromethane	NA	NA	NA	1.3	U	1.3	U	1.3	U	1.3	U
Dichlorodifluoromethane	15	44	440	**2.8**		**2.1**		**2.6**		**2.7**	
Ethyl acetate	NA	31	310	**0.9**	J	**10**		**10**		**13**	
Ethylbenzene	7.4	4.9	49	0.65	U	**1**		**0.56**	J	**0.56**	J
Heptane	7.7	NA	NA	0.61	U	**1.2**		**0.94**		**0.82**	
Hexachlorobutadiene	4.6	0.56	5.6	1.6	UJ	1.6	UJ	1.6	UJ	1.6	UJ
Hexane	18	310	3100	0.53	U	**1.4**		**0.81**		**0.95**	
Isooctane	6.5	NA	NA	0.7	U	**1.2**		**0.61**	J	**0.98**	
Methyl Tertbutyl Ether	27	47	470	0.54	UJ	0.54	UJ	0.54	UJ	0.54	UJ
Methylene chloride	22	1200	12000	**1.8**		**1.4**		**1.2**		**11**	
Propylene	NA	1300	13000	**0.15**	J	0.26	U	0.26	U	0.26	U
Styrene	1.3	440	4400	0.64	U	**0.43**	J	0.64	U	0.64	U
Tetrachloroethene (PCE)*	2.9	47	470	1	U	**6.8**		**8.5**		**4.7**	
Tetrahydrofuran	3.3	880	8800	0.44	UJ	**1.4**	J	**1.1**	J	**1.4**	J
Toluene	58	2200	22000	**1.7**		**8.3**		**5.1**		**8.7**	
trans-1,2-Dichloroethene	NA	NA	NA	0.59	U	0.59	U	0.59	U	0.59	U
trans-1,3-Dichloropropene	<0.25	3.1	31	0.68	U	0.68	U	0.68	U	0.68	U
Trichloroethene (TCE)*	0.48	3	30	0.16	U	0.81	U	0.81	U	0.81	U
Trichlorofluoromethane	17	NA	NA	**1.7**		**1.3**		**1.5**		**1.7**	
Vinyl acetate	NA	88	880	0.53	U	0.53	U	0.53	U	0.53	U
Vinyl bromide	NA	0.38	3.8	0.66	U	0.66	U	0.66	U	0.66	U
Vinyl chloride	<0.25	2.8	28	0.1	U	0.38	U	0.38	U	0.38	U
Xylene, o	7.6	44	440	0.65	U	**1.1**	J	**0.78**	J	**0.65**	J
Xylenes (m&p)	12	NA	NA	**0.61**	J	**3.3**		**1.9**		**1.9**	

Notes:
Results in micrograms per cubic meter (µg/M3)
Detections in Bold.
QC Code: FS = Field Sample; FD = Field Duplicate
90th Percentile = NYSDOH 2003 Study (From 2006 NYSDOH Vapor Intrusior Guidance Appendix C)
Indoor Air USEPA RSL (Regional Screening Level) = 2017 Composite Worker Air with a target cancer risk of $1x10^{6}$ and a target hazard quotient of 0.1.
* = Has New York State Guidance Value (NYDEC, 2017) (PCE = 30 µg/M3 ; TCE = 2 µg/M3)

Created By: KS 3/30/18
Checked By: CRS 3/30/18

Table 1: OU-3 SVI Results

			Building	Building 135		Building 135	
			Location	OU3-135-SV103		OU3-135-SV104	
			Sample Date	2/22/2018		2/22/2018	
			Sample ID	OU3-135-SV103		OU3-135-SV104	
			QC Code	FS		FS	
			Sample Type	Soil Vapor		Soil Vapor	
Parameter	90th Percentile NY Background	Indoor Air USEPA RSL	Soil Vapor (RSL*10)	Result	Qual	Result	Qual
1,1,1-Trichloroethane	3.1	2200	22000	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	<0.25	0.21	2.1	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.8	13000	130000	1.1	U	1.1	U
1,1,2-Trichloroethane	<0.25	0.77	7.7	0.82	U	0.82	U
1,1-Dichloroethane	<0.25	7.7	77	0.61	U	0.61	U
1,1-Dichloroethene	<0.25	88	880	0.59	U	0.59	U
1,2,4-Trichlorobenzene	3.4	0.88	8.8	1.1	UJ	1.1	UJ
1,2,4-Trimethylbenzene	9.5	3.1	31	**0.64**	J	**1.2**	J
1,2-Dibromoethane	<0.25	0.02	0.2	1.2	U	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.52	NA	NA	1	U	1	U
1,2-Dichlorobenzene	0.72	88	8.8	0.9	UJ	0.9	UJ
1,2-Dichloroethane	<0.25	0.47	4.7	0.61	U	0.61	U
1,2-Dichloropropane	<0.25	1.2	12	0.69	U	0.69	U
1,3,5-Trimethylbenzene	3.6	NA	NA	0.74	UJ	0.74	UJ
1,3-Butadiene	4.6	0.41	4.1	0.33	U	0.33	U
1,3-Dichlorobenzene	0.6	NA	NA	0.9	U	0.9	U
1,4-Dichlorobenzene	1.3	1.1	11	0.9	U	0.9	U
1,4-Dioxane	NA	2.5	25	1.1	UJ	1.1	UJ
2-Butanone	16	2200	22000	**2.7**	J	**5**	J
2-Hexanone	NA	13	130	1.2	UJ	**1.4**	J
2-Propanol	NA	88	880	**30**		**29**	
4-Ethyltoluene	NA	NA	NA	0.74	UJ	0.74	UJ
4-Methyl-2-pentanone	2.2	1300	13000	1.2	UJ	**2.7**	J
Acetone	110	14000	140000	**28**		**64**	
Allyl chloride	NA	2	20	0.47	U	0.47	U
Benzene	15	1.6	16	**0.8**		**0.99**	
Benzyl chloride	NA	0.25	2.5	0.86	UJ	0.86	UJ
Bromodichloromethane	NA	0.33	3.3	1	U	1	U
Bromoform	NA	11	110	1.6	U	1.6	U
Bromomethane	0.6	2.2	22	0.58	U	0.58	U
Carbon disulfide	NA	310	3100	0.47	U	**0.37**	J
Carbon tetrachloride	0.81	2	20	0.94	U	0.94	U
Chlorobenzene	<0.25	22	220	0.69	U	0.69	U
Chloroethane	<0.25	4400	44000	0.4	U	0.4	U
Chloroform	1.4	0.53	5.3	0.73	U	0.73	U
Chloromethane	3.3	39	390	0.31	U	0.31	U
Cis-1,2-Dichloroethene	<0.25	NA	NA	0.59	U	0.59	U
Cis-1,3-Dichloropropene	<0.25	3.1	31	0.68	U	0.68	U
Cyclohexane	8.1	2600	26000	**1.4**		**1.5**	
Dibromochloromethane	NA	NA	NA	1.3	U	1.3	U
Dichlorodifluoromethane	15	44	440	**2.9**		**3.7**	
Ethyl acetate	NA	31	310	**14**		**8.6**	
Ethylbenzene	7.4	4.9	49	**0.61**	J	**1.1**	
Heptane	7.7	NA	NA	**0.94**		**1.4**	
Hexachlorobutadiene	4.6	0.56	5.6	1.6	UJ	1.6	UJ
Hexane	18	310	3100	**0.53**		**0.95**	
Isooctane	6.5	NA	NA	**0.79**		**0.98**	
Methyl Tertbutyl Ether	27	47	470	0.54	UJ	0.54	UJ
Methylene chloride	22	1200	12000	**0.8**		**1.1**	
Propylene	NA	1300	13000	0.26	U	0.26	U
Styrene	1.3	440	4400	0.64	U	0.64	U
Tetrachloroethene (PCE)*	2.9	47	470	**9.8**		**12**	
Tetrahydrofuran	3.3	880	8800	**1.7**	J	**2.4**	J
Toluene	58	2200	22000	**5.4**		**9.4**	
trans-1,2-Dichloroethene	NA	NA	NA	0.59	U	0.59	U
trans-1,3-Dichloropropene	<0.25	3.1	31	0.68	U	0.68	U
Trichloroethene (TCE)*	0.48	3	30	0.81	U	0.81	U
Trichlorofluoromethane	17	NA	NA	**2**		**4.4**	
Vinyl acetate	NA	88	880	0.53	U	0.53	U
Vinyl bromide	NA	0.38	3.8	0.66	U	0.66	U
Vinyl chloride	<0.25	2.8	28	0.38	U	0.38	U
Xylene, o	7.6	44	440	**0.96**	J	**1.6**	J
Xylenes (m&p)	12	NA	NA	**2.4**		**4.2**	

Notes:
Results in micrograms per cubic meter (µg/M3)
Detections in Bold.
QC Code: FS = Field Sample; FD = Field Duplicate
90th Percentile = NYSDOH 2003 Study (From 2006 NYSDOH Vapor Intrusior Guidance Appendix C)
Indoor Air USEPA RSL (Regional Screening Level) = 2017 Composite Worker Air with a target cancer risk of $1x10^{6}$ and a target hazard quotient of 0.1.
* = Has New York State Guidance Value (NYDEC, 2017) (PCE = 30 µg/M3 ; TCE = 2 µg/M3)

Created By: KS 3/30/18
Checked By: CRS 3/30/18

Table 1: OU-3 SVI Results

Parameter	90th Percentile NY Background	Indoor Air USEPA RSL	Soil Vapor (RSL*10)	Building Location	Building 135 OU3-135-IA100		Building 135 OU3-135-IA101		Building 135 OU3-135-IA102		Building 135 OU3-135-IA103	
				Sample Date	2/22/2018		2/22/2018		2/22/2018		2/22/2018	
				Sample ID	OU3-135-IA100		OU3-135-IA101		OU3-135-IA102		OU3-135-IA103	
				QC Code	FS		FS		FS		FS	
				Sample Type	Indoor Air		Indoor Air		Indoor Air		Indoor Air	
					Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	3.1	2200	22000		0.82	U	0.82	U	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	<0.25	0.21	2.1		1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.8	13000	130000		1.1	U	1.1	U	1.1	U	1.1	U
1,1,2-Trichloroethane	<0.25	0.77	7.7		0.82	U	0.82	U	0.82	U	0.82	U
1,1-Dichloroethane	<0.25	7.7	77		0.61	U	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	<0.25	88	880		0.16	U	0.16	U	0.16	U	0.16	U
1,2,4-Trichlorobenzene	3.4	0.88	8.8		1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
1,2,4-Trimethylbenzene	9.5	3.1	31		**0.69**	J	**0.59**	J	**0.74**	J	**0.74**	J
1,2-Dibromoethane	<0.25	0.02	0.2		1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.52	NA	NA		1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	0.72	88	8.8		0.9	UJ	0.9	UJ	0.9	UJ	0.9	UJ
1,2-Dichloroethane	<0.25	0.47	4.7		0.61	U	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	<0.25	1.2	12		0.69	U	0.69	U	0.69	U	0.69	U
1,3,5-Trimethylbenzene	3.6	NA	NA		0.74	UJ	0.74	UJ	0.74	UJ	0.74	UJ
1,3-Butadiene	4.6	0.41	4.1		0.33	U	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	0.6	NA	NA		0.9	U	0.9	U	0.9	U	0.9	U
1,4-Dichlorobenzene	1.3	1.1	11		0.9	U	0.9	U	0.9	U	0.9	U
1,4-Dioxane	NA	2.5	25		1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	16	2200	22000		**0.97**	J	**1.6**	J	**1.5**	J	**2**	J
2-Hexanone	NA	13	130		1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	NA	88	880		0.37	U	0.37	U	**10**		**4.8**	J
4-Ethyltoluene	NA	NA	NA		0.74	UJ	0.74	UJ	0.74	UJ	0.74	UJ
4-Methyl-2-pentanone	2.2	1300	13000		**0.49**	J	**0.45**	J	1.2	UJ	1.2	UJ
Acetone	110	14000	140000		**7.4**		**19**		**24**		**27**	
Allyl chloride	NA	2	20		0.47	U	0.47	U	0.47	U	0.47	U
Benzene	15	1.6	16		**1.2**		**0.93**		**1**		**0.86**	
Benzyl chloride	NA	0.25	2.5		0.86	UJ	0.86	UJ	0.86	UJ	0.86	UJ
Bromodichloromethane	NA	0.33	3.3		1	U	1	U	1	U	1	U
Bromoform	NA	11	110		1.6	U	1.6	U	1.6	U	1.6	U
Bromomethane	0.6	2.2	22		0.58	U	0.58	U	0.58	U	0.58	U
Carbon disulfide	NA	310	3100		0.47	U	0.47	U	0.47	U	0.47	U
Carbon tetrachloride	0.81	2	20		0.19	U	**0.63**		0.19	U	0.19	U
Chlorobenzene	<0.25	22	220		0.69	U	0.69	U	0.69	U	0.69	U
Chloroethane	<0.25	4400	44000		0.4	U	0.4	U	0.4	U	0.4	U
Chloroform	1.4	0.53	5.3		0.73	U	0.73	U	0.73	U	0.73	U
Chloromethane	3.3	39	390		**0.97**		**1**		**1.2**		**0.97**	
Cis-1,2-Dichloroethene	<0.25	NA	NA		0.16	U	0.16	U	0.16	U	0.16	U
Cis-1,3-Dichloropropene	<0.25	3.1	31		0.68	U	0.68	U	0.68	U	0.68	U
Cyclohexane	8.1	2600	26000		0.52	U	0.52	U	0.52	U	0.52	U
Dibromochloromethane	NA	NA	NA		1.3	U	1.3	U	1.3	U	1.3	U
Dichlorodifluoromethane	15	44	440		**2.7**		**3**		**2.8**		**3.4**	
Ethyl acetate	NA	31	310		**0.61**	J	**1.2**	J	**0.72**	J	**1.2**	J
Ethylbenzene	7.4	4.9	49		**0.52**	J	**0.43**	J	**0.78**		**0.65**	
Heptane	7.7	NA	NA		**0.66**		**0.61**		**0.61**		0.61	U
Hexachlorobutadiene	4.6	0.56	5.6		1.6	UJ	1.6	UJ	1.6	UJ	1.6	UJ
Hexane	18	310	3100		**1.3**		**0.6**		**0.74**		**0.88**	
Isooctane	6.5	NA	NA		**0.51**	J	0.7	U	**0.84**		**0.56**	J
Methyl Tertbutyl Ether	27	47	470		0.54	UJ	0.54	UJ	0.54	UJ	0.54	UJ
Methylene chloride	22	1200	12000		**1.1**		**1.3**		**0.73**		**1**	
Propylene	NA	1300	13000		**0.15**	J	**0.17**	J	**0.15**	J	**0.14**	J
Styrene	1.3	440	4400		0.64	U	0.64	U	0.64	U	**0.51**	J
Tetrachloroethene (PCE)*	2.9	47	470		1	U	1	U	1	U	1	U
Tetrahydrofuran	3.3	880	8800		0.44	UJ	0.44	UJ	0.44	UJ	0.44	UJ
Toluene	58	2200	22000		**4.3**		**3.8**		**6.1**		**6.6**	
trans-1,2-Dichloroethene	NA	NA	NA		0.59	U	0.59	U	0.59	U	0.59	U
trans-1,3-Dichloropropene	<0.25	3.1	31		0.68	U	0.68	U	0.68	U	0.68	U
Trichloroethene (TCE)*	0.48	3	30		0.16	U	0.16	U	0.16	U	0.16	U
Trichlorofluoromethane	17	NA	NA		**1.7**		**1.9**		**2.5**		**3.8**	
Vinyl acetate	NA	88	880		0.53	U	0.53	U	0.53	U	0.53	U
Vinyl bromide	NA	0.38	3.8		0.66	U	0.66	U	0.66	U	0.66	U
Vinyl chloride	<0.25	2.8	28		0.1	U	0.1	U	0.1	U	0.1	U
Xylene, o	7.6	44	440		**0.78**	J	**0.61**	J	**1.1**	J	**0.96**	J
Xylenes (m&p)	12	NA	NA		**1.9**		**1.5**		**2.9**		**2.6**	

Notes:
Results in micrograms per cubic meter (µg/M3)
Detections in Bold.
QC Code: FS = Field Sample; FD = Field Duplicate
90th Percentile = NYSDOH 2003 Study (From 2006 NYSDOH Vapor Intrusior Guidance Appendix C)
Indoor Air USEPA RSL (Regional Screening Level) = 2017 Composite Worker Air with a target cancer risk of $1x10^{-6}$ and a target hazard quotient of 0.1.
* = Has New York State Guidance Value (NYDEC, 2017) (PCE = 30 µg/M3 ; TCE = 2 µg/M3)

Created By: KS 3/30/18
Checked By: CRS 3/30/18

ATTACHMENT 1

Field Data Records

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

1/2

Building Code: 135 Address: OU3 - Building 135 - 1 Babcock Street

Sampling Information

✓ ST 3-16-18 (7 pages)

Sampler Name(s): John Luttinger F Jason Trentini Sampler Company Code: Wood.

Sample Collection Date: 2/22/2018 ST 3-16-18 Date Samples Sent To Lab: 2-22-18

Sample Chain of Custody Number: C1802067 Outdoor Air Sample Location ID: OU3-OUT-AA100

SUMMA Canister Information

Sample ID:	OU3-135-SV102	OU3-135-SV101	OU3-135-SV100	OU3-135-IA100	OU3-OUT-AA100
Location Code:	Sign Shop Area	Sign Storage	Far South	Far South	West of Bldg
Location Type:	Sub Slab	Sub Slab	Sub Slab	IA	outdoor
Canister ID:	419	1184	324	240	363
Regulator ID:	397	392	377	445	1
Matrix:	NA	NA	NA	NA	NA
Sampling Method:	Summa	Summa	Summa	Summa	Summa

Sampling Area Info

Slab Thickness (inches):	6"	6"	6"	NA	NA
Sub-Slab Material:	NA	NA	NA	NA	NA
Sub-Slab Moisture:	NA	NA	NA	NA	NA
Seal Type:	Clay	Clay	Clay	NA	NA
Seal Adequate?:	☑	☑	☑	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	02212018 1540	02212018 1550	02212018 1552	02212018 1553	02212018 1600
Vacuum Gauge Start:	26.5	30+	30+	30+	30+
Sample End Date/Time:	02222018 1520	02222018 1515	02222018 1510	02222018 1505	02222018 1521
Vacuum Gauge End:	2.5	2.5	1.5	2.5	1.5
Sample Duration (hrs):	24	24	24	24	24
Vacuum Gauge Unit:	in Hg	in Hg	in Hg	in Hg	in Hg

Sample QA/QC Readings

Vapor Port Purge:	☑	☑	☑	☐	☐
Purge PID Reading:	0	0	0	NA	NA
Purge PID Unit:	ppb	ppb	ppb	NA	NA
Tracer Test Pass:	☑	☐	☐	☐	☐

22% vs 1400ppm

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: 135 Address: NB Building 135 - 1 Babcock Street

Sampling Information

Sampler Name(s): J. Luttinger / J. Trentini Sampler Company Code: Wood.

Sample Collection Date: 2-22-18 Date Samples Sent To Lab: 2-22-18

Sample Chain of Custody Number: C180267 Outdoor Air Sample Location ID: OU3-OUT-AA100

SUMMA Canister Information

Sample ID:	OU3-135-SV103	OU3-135-IA102	OU3-135-SV104	OU3-135-IA103	OU3-135-IA104
Location Code:	Furnace room	outside Furnace room	Record Room	Record room	Sign office
Location Type:	Sub Slab	IA	Sub Slab	IA	IA
Canister ID:	370	243	237	195	564
Regulator ID:	373	454	394	440	396
Matrix:	NA	NA	NA	NA	NA
Sampling Method:	Summa	Summa	Summa	Summa	Summa

Sampling Area Info

Slab Thickness (inches):	6"	NA	6"	NA	NA
Sub-Slab Material:	NA	NA	NA	NA	NA
Sub-Slab Moisture:	NA	NA	NA	NA	NA
Seal Type:	Clay	NA	Clay	NA	NA
Seal Adequate?:	☑	☐	☑	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	02212018 1515	02212018 1516	02212018 1520	02212018 1522	02212018 1530
Vacuum Gauge Start:	30.5	30+	30+	30+	30.5
Sample End Date/Time:	02222018 1535	02222018 1530	02222018 1542	02222018 1540	02222018 1522
Vacuum Gauge End:	1.5	1.5	3	4	2
Sample Duration (hrs):	24	24	24	24	24
Vacuum Gauge Unit:	in Hg	in Hg	in Hg	in Hg	in Hg

Sample QA/QC Readings

Vapor Port Purge:	☑	☐	☑	☐	☐
Purge PID Reading:	30	NA	0	~~0~~	NA
Purge PID Unit:	PPB	NA	PPB	~~ppb~~	NA
Tracer Test Pass:	☐	☐	☐	☐	☐

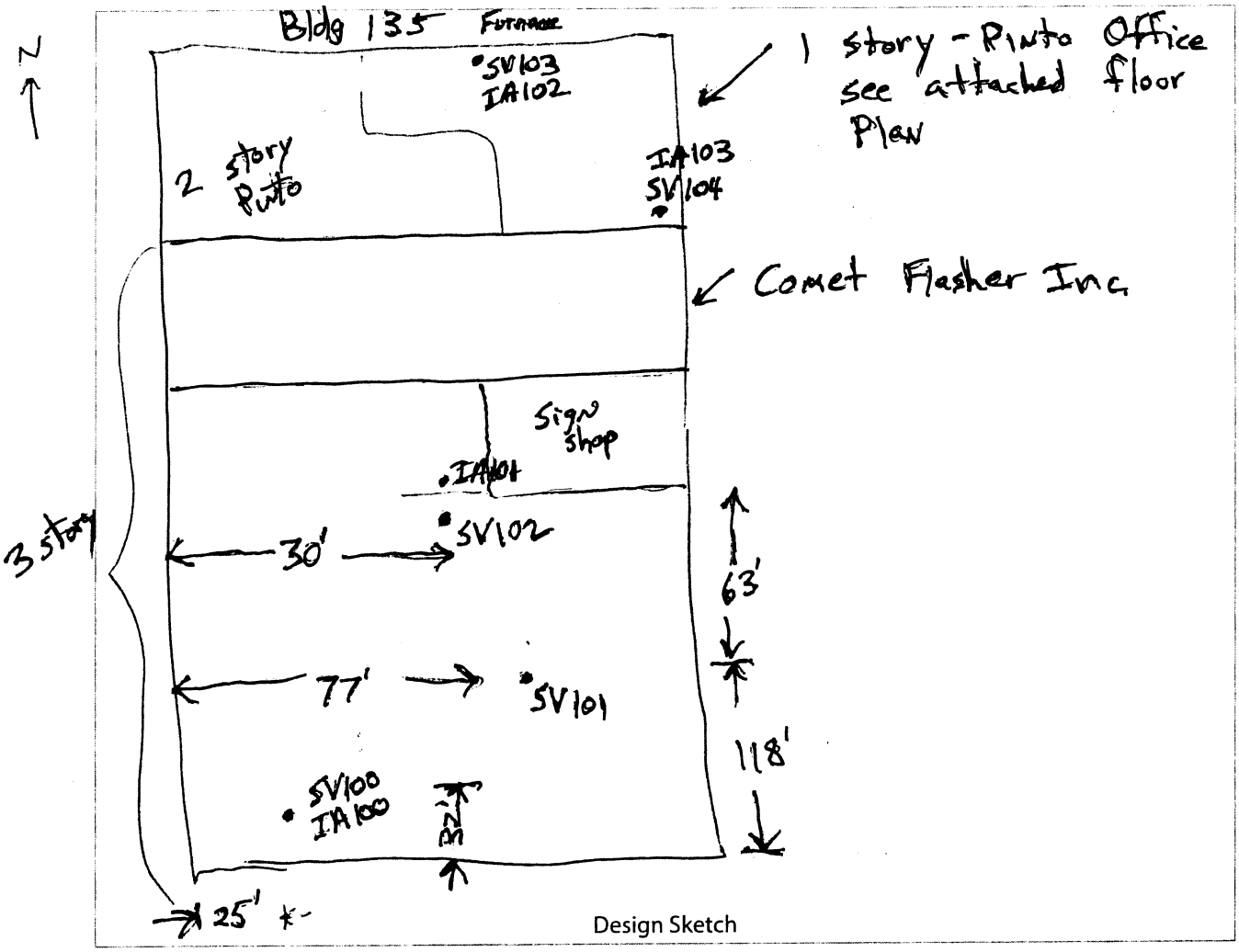
Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketc
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

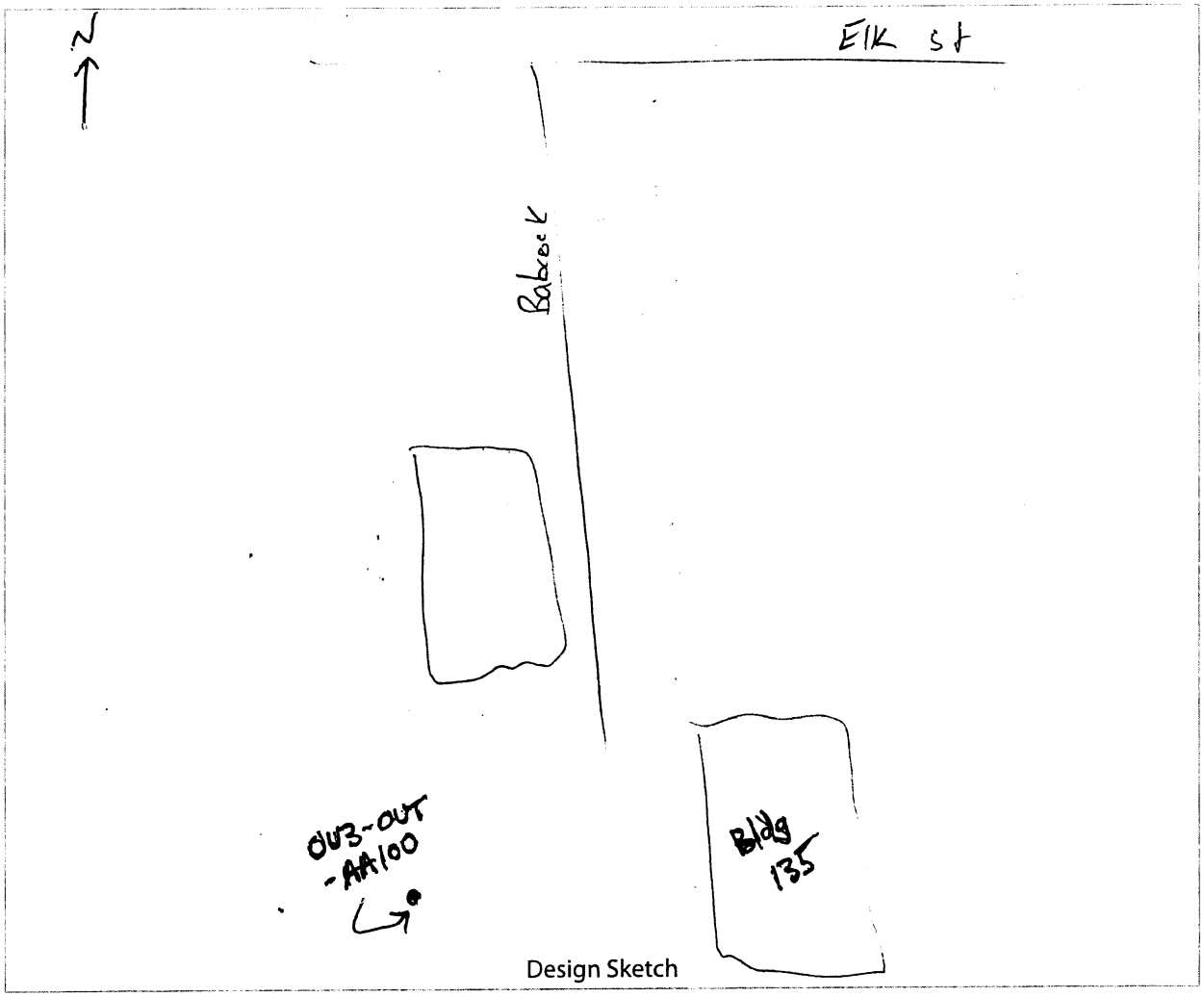
B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketc
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Exxon Mobile Former Buffalo Terminal Site Code: 135 Operable Unit: OU3

Building Code: 135 Building Name: #135

Address: 1 Babcock St Apt/Suite No:

City: Buffalo State: NY Zip: County: Erie

Contact Information

Preparer's Name: John Luttinger Phone No: 716 998 6973

Preparer's Affiliation: Amec FW Company Code:

Purpose of Investigation: Due Diligence Date of Inspection: 2/8/18

Contact Name: Jim Pawapinto Affiliation: Owner

Phone No: NA Alt. Phone No: NA Email: NA

Number of Occupants (total): ~20 Number of Children: 0

☐ Occupant Interviewed? ☒ Owner Occupied? ☐ Owner Interviewed?

Owner Name (if different): NA Owner Phone: NA

Owner Mailing Address: NA

Building Details

Bldg Type (Res/Com/Ind/Mixed): Industrial / Commercial Bldg Size (S/M/L): L

If Commercial or Industrial Facility, Select Operations: Office & Manufacturer of signs

If Residential Select Structure Type:

Number of Floors: 3 Approx. Year Construction: NA ☐ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):
Southern Portion of building Not "tight". Not heated.
Office space sealed

Foundation Description

Foundation Type: Slab on Piers Foundation Depth (bgs): NA Unit: FEET

Foundation Floor Material: Concrete Foundation Floor Thickness: 8 Unit: INCHES

Foundation Wall Material: Concrete Foundation Wall Thickness: NA

☐ Floor penetrations? Describe Floor Penetrations:

☐ Wall penetrations? Describe Wall Penetrations: Bay doors (OH doors) poorly sealed

Basement is: NA Basement is: NA ☐ Sumps/Drains? Water In Sump?: NA

Describe Foundation Condition (cracks, seepage, etc.) : Minimal Cracks

☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: office - forced air Heat Fuel Type: natural gas ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: NA Clothes Dryer Fuel Type: NA

Water Htr Vent Location: NA Dryer Vent Location: NA

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Exxon Mobile Former Buffalo Terminal Site Code: 135 Operable Unit: OU3

Building Code: 135 Building Name: #135

Address: 1 Babcock Street Apt/Suite No: —

City: Buffalo State: NY Zip: ? County: Erie

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: 5 days/week during work Floor Material: Concrete

☑ Inhabited? ☐ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: NA ☐ Is there smoking in the building?

☑ Air Fresheners? Description/Location of Air Freshener: bathroom

☐ Cleaning Products Used Recently?: Description of Cleaning Products: NA

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products: NA

☐ New Carpet or Furniture? Location of New Carpet/Furniture: NA

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: NA

☑ Recent Painting/Staining? Location of New Painting: Paint shop in sign manufacturing area

☐ Solvent or Chemical Odors? Describe Odors (if any): NA

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: NA

☐ Recent Pesticide/Rodenticide? Description of Last Use: NA

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

The sign paint shop in the sign manufacturing area appears to be the largest contributor to indoor air quality

☐ Any Prior Testing For Radon? If So, When?: Unknown

☐ Any Prior Testing For VOCs? If So, When?: Unknown

Sampling Conditions

Weather Conditions: NA Outdoor Temperature: NA °F

Current Building Use: Office / Industrial Barometric Pressure: NA in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: #135 Bldg Code: 135 Date: 2-22-18

Bldg Address: 1 Babcock st Apt/Suite No: —

Bldg City/State/Zip: Buffalo, NY

Make and Model of PID: ppb RAE 3000 Date of Calibration: 2-22-18

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Near IA100	Mixed gas	2.5 gal	Used	Gas	0	☐
↓	10W30	1 qt	Used	Motor Oil	↓	☐
	Gas	2.5×2 5 gal x1	Used	Gas		☐
	Rust oleum Lacquer	12 oz 1 can	Used	See photo		☐
↓	Rust oleum Leak Seal	11 oz	Used	11	↓	☐
IA 101	PB Blaster	12 oz	Used	11	0	☐
SV102 Area	Behr Pro e600 Exterior Paint	5 gal	Used		1000-1100 ppb	☐
11	PPG Interior Wall Paint	5 gal	Used		1000-1100 ppb	☐
	Rapid Remove Adhesive remover	1 gal	New		1000-1300 ppb	☐
	Touch n Tone Spray Paint	24 cans	New		↓	☐
	Merit Pro Premium Spray Paint	39 cans	New		↓	☐
↓	Quick Color Spray Enamel	48 cans	New		↓	☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? ☐ Yes Were there any elevated PID readings taken on site? ☐ Yes ☐ Products with COC?

Exxon Mobil Elk Street – OU-3 VI Sampling

Client: ESCP LLC	***Project Number:*** 3617167937.10.01
Site Name: Exxon Mobil Elk Street	***Site Location:*** Buffalo, New York

Photographer: Jason Trentini ***Date:*** 2/08/2018 ***Photograph:*** 136 ***Direction:*** NA ***Description:*** Building 135 Sample Location ID: OU3-135-IA100	
Photographer: Jason Trentini ***Date:*** 2/08/2018 ***Photograph:*** 138 ***Direction:*** NA ***Description:*** Building 135 Sample Location ID: OU3-135-IA100	

Exxon Mobil Elk Street – VI Sampling			
Client: ESCP LLC		***Project Number:*** 3617167937.10.01	
Site Name: Exxon Mobil Elk Street		***Site Location:*** Buffalo, New York	
Photographer: Jason Trentini ***Date:*** 2/08/2018 ***Photograph:*** 139 ***Direction:*** NA ***Description:*** Building 135 Sample Location ID: OU3-135-IA100			
Photographer: Jason Trentini ***Date:*** 2/08/2018 ***Photograph:*** 140 ***Direction:*** NA ***Description:*** Building 135 Sample Location ID: OU3-135-IA100			

Exxon Mobil Elk Street – VI Sampling	
Client: ESCP LLC	***Project Number:*** 3617167937.10.01
Site Name: Exxon Mobil Elk Street	***Site Location:*** Buffalo, New York
Photographer: Jason Trentini	
Date: 2/08/2018	
Photograph: 143	
Direction: NA	
Description: Building 135 Sample Location ID: OU3-135-IA102	
Photographer: Jason Trentini	
Date: 2/08/2018	
Photograph: 146	
Direction: NA	
Description: Building 135 Sample Location ID: OU3-135-IA102	

ATTACHMENT 2

Chemist Review and Laboratory Results

Data Quality Review

Site Name: Exxon Mobil – Elk Street Buffalo
Project Number: 3617167397.10.01
Laboratory Name: Centek Laboratories
SDG Number: C1802067
Sample IDs: OU3-135-SV100, OU3-135-SV101, OU3-135-SV102, OU3-135-SV103, OU3-135-SV104, OU3-135-IA100, OU3-135-IA101, OU3-135-IA102, OU3-135-IA103, and OU3-OUT-AA100

Data Reviewed	**Analysis**
	EPA TO-15
Chain of Custody (COC)	√
Media Certification	√
Holding Time	√
Method Blanks	√
Laboratory Control Sample (LCS)	The LCS and/or LCSD recoveries associated with all samples were outside of acceptance criteria for 2-hexanone (68%/34%), 1,2,4-trichlorobenzene (LCSD 45%), 1,2,4-trimethylbenzene (LCSD 55%), 1,2-dichlorobenzene (LCSD 68%), 1,3,5-trimethylbenzene (LCSD 66%), 1,4-dioxane (LCSD 39%), 4-ethyltoluene (LCSD 66%), benzyl chloride (LCSD 59%), ethyl acetate (LCSD 53%), hexachlorobutadiene (LCSD 57%), 2-butanone (LCSD 47%), 4-methyl-2-pentanone (LCSD 36%), methyl tertbutyl ether (LCSD 68%), and tetrahydrofuran (LCSD 62%). UJ/J-qualify 2-hexanone, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,4-dioxane, benzyl chloride, hexachlorobutadiene, 4-methyl-2-pentanone, methyl tert butyl ether, and tetrahydrofuran in all samples due to potential low bias. UJ/J-qualify 1,2,4-trimethylbenzene in samples OU3-135-IA100, OU3-135-IA101, OU3-135-IA102, OU3-135-IA103, OU3-135-SV100, OU3-135-SV101, OU3-135-SV102, OU3-135-SV103, OU3-135-SV104, and OU3-OUT-AA100 due to potential low bias. UJ/J-qualify 1,3,5-trimethylbenzene, 4-ethyltoluene, and 2-butanone in all due to the potential low bias. UJ/J-qualify ethyl acetate in samples OU3-135-IA100, OU3-135-IA101, OU3-135-IA102, OU3-135-IA103, and OU3-OUT-AA100 due to the potential low bias. (UJ/J-LCS-L) The LCS/LCSD RPDs associated with all samples were outside of acceptance criteria for 1,1,2,2-tetrachloroethane (33.9%), 1,2,4-trichlorobenzene (63.6%), 1,2,4-trimethylbenzene (54.3%), 1,2-dichlorobenzene (45.5%), 1,3,5-trimethylbenzene (49.1%), 1,3-dichlorobenzene (34.8%), 1,4-dichlorobenzene (37.4%), 1,4-dioxane (64.3%), 4-ethyltoluene (45.6%), benzyl chloride (40.5%), ethyl acetate (48.6%), hexachlorobutadiene (61.8%), 2-propanol (45.7%), 2-hexanone (66.7%), 2-butanone (59.7%), 4-methyl-2-pentanone (70.3%), and o-xylene (30.3%). J-qualify detected 1,2,4-trimethylbenzene in samples OU3-135-IA100, OU3-135-IA101, OU3-135-IA102, OU3-135-IA103, OU3-135-SV100, OU3-135-SV103, and OU3-135-SV104 due to the imprecision. J-qualify detected ethyl acetate in samples OU3-135-IA100, OU3-135-IA101, OU3-135-IA102, OU3-135-IA103, and OU3-OUT-AA100 due to the imprecision. J-qualify detected 2-propanol in sample OU3-135-IA103 due to the imprecision. J-qualify detected 2-hexanone in sample OU3-135-SV104 due to the imprecision. J-qualify detected 4-methyl-2-pentanone in samples OU3-135-IA100, OU3-135-IA101, and OU3-135-SV104 due to the imprecision. J-qualify detected 2-butanone in all samples due to the imprecision. J-qualify detected o-xylene in all samples except for OU3-OUT-AA100 due to the imprecision. All other analytes were ND in associated samples and not impacted by the imprecision. (J-LCS-RPD)
Field Duplicates	A field duplicate was not submitted with this SDG.

Data Reviewed	Analysis
	EPA TO-15
Matrix Duplicate	A laboratory duplicate was not reported with this SDG.
Internal Standards	√
Canister Vacuum (Pre-Sampling, Field Readings, Post-Sampling)	√
Canister/Flow Controller Serial Numbers & Date Released from Laboratory	Canister and flow controller serial numbers are recorded on the field forms and the laboratory reports. Date canisters released from laboratory provided on canister order form.
Flow Controller Calibration RPD	Not provided by the laboratory.
Tentatively Identified Compounds (TICs)	TICs were not requested with this SDG.
Compound List	√
Sampling Information	Sample collection start and stop times were not recorded on the chain of custody but were confirmed on field sampling forms.
General Reporting Issues (Deficiencies noted in Narrative)	None
Tracer Gas Evaluation (Soil Vapor Samples Only)	Helium was used and evaluated at location OU3-135-SV102 and was within NYSDOH criteria.
Other Issues	None

Notes:
ND = Non-detect
RPD = Relative Percent Difference
√ = Data Reviewed is to be considered acceptable within criteria and without qualification

Qualifiers:
J = Estimated
R = Data is rejected and not suitable for use
UJ = Reporting limit is considered estimated
U = Non-detect

Reason Code:

LCS-L = Laboratory control sample % recovery below lower control limit
LCS-RPD = Laboratory control sample duplicate RPD above limit

Data Reviewer: Elizabeth Penta
Senior Reviewer: Denise King
Date: 03/13/2018

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV100
Lab Order:	C1802067	Tag Number:	324 377
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-007A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,2,4-Trimethylbenzene	0.12	0.15	J	ppbV	1	2/24/2018 1:15:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/24/2018 1:15:00 AM
2,2,4-trimethylpentane	0.25	0.15		ppbV	1	2/24/2018 1:15:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Acetone	11	3.0		ppbV	10	2/25/2018 4:39:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Benzene	0.87	0.15		ppbV	1	2/24/2018 1:15:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Chloromethane	0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Cyclohexane	0.44	0.15		ppbV	1	2/24/2018 1:15:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Ethyl acetate	2.8	1.5		ppbV	10	2/25/2018 4:39:00 AM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV100
Lab Order:	C1802067	Tag Number:	324 377
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-007A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.23	0.15		ppbV	1	2/24/2018 1:15:00 AM
Freon 11	0.24	0.15		ppbV	1	2/24/2018 1:15:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Freon 12	0.43	0.15		ppbV	1	2/24/2018 1:15:00 AM
Heptane	0.29	0.15		ppbV	1	2/24/2018 1:15:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Hexane	0.40	0.15		ppbV	1	2/24/2018 1:15:00 AM
Isopropyl alcohol	10	1.5		ppbV	10	2/25/2018 4:39:00 AM
m&p-Xylene	0.75	0.30		ppbV	1	2/24/2018 1:15:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 1:15:00 AM
Methyl Ethyl Ketone	0.62	0.30		ppbV	1	2/24/2018 1:15:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 1:15:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Methylene chloride	0.41	0.15		ppbV	1	2/24/2018 1:15:00 AM
o-Xylene	0.25	0.15		ppbV	1	2/24/2018 1:15:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Styrene	0.10	0.15	J	ppbV	1	2/24/2018 1:15:00 AM
Tetrachloroethylene	1.0	0.15		ppbV	1	2/24/2018 1:15:00 AM
Tetrahydrofuran	0.47	0.15		ppbV	1	2/24/2018 1:15:00 AM
Toluene	2.2	1.5		ppbV	10	2/25/2018 4:39:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 1:15:00 AM
Surr: Bromofluorobenzene	95.0	70-130		%REC	1	2/24/2018 1:15:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV100
Lab Order:	C1802067	Tag Number:	324 377
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-007A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 1:15:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/24/2018 1:15:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 1:15:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 1:15:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 1:15:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
1,2,4-Trimethylbenzene	0.59	0.74	J	ug/m3	J-LCS-L, LCS-RPD	2/24/2018 1:15:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/24/2018 1:15:00 AM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 1:15:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/24/2018 1:15:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/24/2018 1:15:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 1:15:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 1:15:00 AM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
2,2,4-trimethylpentane	1.2	0.70		ug/m3	1	2/24/2018 1:15:00 AM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Acetone	26	7.1		ug/m3	10	2/25/2018 4:39:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/24/2018 1:15:00 AM
Benzene	2.8	0.48		ug/m3	1	2/24/2018 1:15:00 AM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/24/2018 1:15:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/24/2018 1:15:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/24/2018 1:15:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/24/2018 1:15:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/24/2018 1:15:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/24/2018 1:15:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/24/2018 1:15:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/24/2018 1:15:00 AM
Chloromethane	0.31	0.31		ug/m3	1	2/24/2018 1:15:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 1:15:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 1:15:00 AM
Cyclohexane	1.5	0.52		ug/m3	1	2/24/2018 1:15:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/24/2018 1:15:00 AM
Ethyl acetate	10	5.4		ug/m3	10	2/25/2018 4:39:00 AM
Ethylbenzene	1.0	0.65		ug/m3	1	2/24/2018 1:15:00 AM
Freon 11	1.3	0.84		ug/m3	1	2/24/2018 1:15:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/24/2018 1:15:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/24/2018 1:15:00 AM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV100
Lab Order:	C1802067	Tag Number:	324 377
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-007A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.1	0.74		ug/m3	1	2/24/2018 1:15:00 AM
Heptane	1.2	0.61		ug/m3	1	2/24/2018 1:15:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Hexane	1.4	0.53		ug/m3	1	2/24/2018 1:15:00 AM
Isopropyl alcohol	25	3.7		ug/m3	10	2/25/2018 4:39:00 AM
m&p-Xylene	3.3	1.3		ug/m3	1	2/24/2018 1:15:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Methyl Ethyl Ketone	1.8	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/24/2018 1:15:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Methylene chloride	1.4	0.52		ug/m3	1	2/24/2018 1:15:00 AM
o-Xylene	1.1	0.65	J-LCS-RPD	ug/m3	1	2/24/2018 1:15:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/24/2018 1:15:00 AM
Styrene	0.43	0.64	J	ug/m3	1	2/24/2018 1:15:00 AM
Tetrachloroethylene	6.8	1.0		ug/m3	1	2/24/2018 1:15:00 AM
Tetrahydrofuran	1.4	0.44	J-LCS-L	ug/m3	1	2/24/2018 1:15:00 AM
Toluene	8.3	5.7		ug/m3	10	2/25/2018 4:39:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 1:15:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 1:15:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/24/2018 1:15:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/24/2018 1:15:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/24/2018 1:15:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/24/2018 1:15:00 AM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV101
Lab Order:	C1802067	Tag Number:	1184 392
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-008A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/24/2018 1:55:00 AM
2,2,4-trimethylpentane	0.13	0.15	J	ppbV	1	2/24/2018 1:55:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Acetone	13	3.0		ppbV	10	2/25/2018 5:16:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Benzene	0.26	0.15		ppbV	1	2/24/2018 1:55:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Chloromethane	0.16	0.15		ppbV	1	2/24/2018 1:55:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Cyclohexane	0.29	0.15		ppbV	1	2/24/2018 1:55:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Ethyl acetate	2.9	1.5		ppbV	10	2/25/2018 5:16:00 AM

Qualifiers:

**	Quantitation Limit		Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV101
Lab Order:	C1802067	Tag Number:	1184 392
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-008A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.13	0.15	J	ppbV	1	2/24/2018 1:55:00 AM
Freon 11	0.27	0.15		ppbV	1	2/24/2018 1:55:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Freon 12	0.53	0.15		ppbV	1	2/24/2018 1:55:00 AM
Heptane	0.23	0.15		ppbV	1	2/24/2018 1:55:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Hexane	0.23	0.15		ppbV	1	2/24/2018 1:55:00 AM
Isopropyl alcohol	9.0	1.5		ppbV	10	2/25/2018 5:16:00 AM
m&p-Xylene	0.43	0.30		ppbV	1	2/24/2018 1:55:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 1:55:00 AM
Methyl Ethyl Ketone	0.68	0.30		ppbV	1	2/24/2018 1:55:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 1:55:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Methylene chloride	0.34	0.15		ppbV	1	2/24/2018 1:55:00 AM
o-Xylene	0.18	0.15		ppbV	1	2/24/2018 1:55:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Tetrachloroethylene	1.3	0.15		ppbV	1	2/24/2018 1:55:00 AM
Tetrahydrofuran	0.37	0.15		ppbV	1	2/24/2018 1:55:00 AM
Toluene	1.4	0.15		ppbV	1	2/24/2018 1:55:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 1:55:00 AM
Surr: Bromofluorobenzene	95.0	70-130		%REC	1	2/24/2018 1:55:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU3-135-SV101
Lab Order:	C1802067	**Tag Number:**	1184 392
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/22/2018
Lab ID:	C1802067-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 1:55:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/24/2018 1:55:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 1:55:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 1:55:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 1:55:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/24/2018 1:55:00 AM
1,2-Dichlorobenzene	< 0.90	0.90UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 1:55:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/24/2018 1:55:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/24/2018 1:55:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 1:55:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 1:55:00 AM
1,4-Dioxane	< 1.1	1.1UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
2,2,4-trimethylpentane	0.61	0.70	J	ug/m3	1	2/24/2018 1:55:00 AM
4-ethyltoluene	< 0.74	0.74UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
Acetone	32	7.1		ug/m3	10	2/25/2018 5:16:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/24/2018 1:55:00 AM
Benzene	0.83	0.48		ug/m3	1	2/24/2018 1:55:00 AM
Benzyl chloride	< 0.86	0.86UJ-LCS-L		ug/m3	1	2/24/2018 1:55:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/24/2018 1:55:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/24/2018 1:55:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/24/2018 1:55:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/24/2018 1:55:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/24/2018 1:55:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/24/2018 1:55:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/24/2018 1:55:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/24/2018 1:55:00 AM
Chloromethane	0.33	0.31		ug/m3	1	2/24/2018 1:55:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 1:55:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 1:55:00 AM
Cyclohexane	1.0	0.52		ug/m3	1	2/24/2018 1:55:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/24/2018 1:55:00 AM
Ethyl acetate	10	5.4		ug/m3	10	2/25/2018 5:16:00 AM
Ethylbenzene	0.56	0.65	J	ug/m3	1	2/24/2018 1:55:00 AM
Freon 11	1.5	0.84		ug/m3	1	2/24/2018 1:55:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/24/2018 1:55:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/24/2018 1:55:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV101
Lab Order:	C1802067	Tag Number:	1184 392
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-008A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.6	0.74		ug/m3	1	2/24/2018 1:55:00 AM
Heptane	0.94	0.61		ug/m3	1	2/24/2018 1:55:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/24/2018 1:55:00 AM
Hexane	0.81	0.53		ug/m3	1	2/24/2018 1:55:00 AM
Isopropyl alcohol	22	3.7		ug/m3	10	2/25/2018 5:16:00 AM
m&p-Xylene	1.9	1.3		ug/m3	1	2/24/2018 1:55:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 1:55:00 AM
Methyl Ethyl Ketone	2.0	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/24/2018 1:55:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 1:55:00 AM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/24/2018 1:55:00 AM
Methylene chloride	1.2	0.52		ug/m3	1	2/24/2018 1:55:00 AM
o-Xylene	0.78	0.65	J-LCS-RPD	ug/m3	1	2/24/2018 1:55:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/24/2018 1:55:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/24/2018 1:55:00 AM
Tetrachloroethylene	8.5	1.0		ug/m3	1	2/24/2018 1:55:00 AM
Tetrahydrofuran	1.1	0.44	J-LCS-L	ug/m3	1	2/24/2018 1:55:00 AM
Toluene	5.1	0.57		ug/m3	1	2/24/2018 1:55:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 1:55:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 1:55:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/24/2018 1:55:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/24/2018 1:55:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/24/2018 1:55:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/24/2018 1:55:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV102
Lab Order:	C1802067	Tag Number:	419397
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-009A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/24/2018 2:34:00 AM
2,2,4-trimethylpentane	0.21	0.15		ppbV	1	2/24/2018 2:34:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Acetone	14	3.0		ppbV	10	2/25/2018 5:52:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Benzene	0.32	0.15		ppbV	1	2/24/2018 2:34:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Cyclohexane	0.33	0.15		ppbV	1	2/24/2018 2:34:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Ethyl acetate	3.6	1.5		ppbV	10	2/25/2018 5:52:00 AM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV102
Lab Order:	C1802067	Tag Number:	419 397
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-009A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.13	0.15	J	ppbV	1	2/24/2018 2:34:00 AM
Freon 11	0.31	0.15		ppbV	1	2/24/2018 2:34:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Freon 12	0.55	0.15		ppbV	1	2/24/2018 2:34:00 AM
Heptane	0.20	0.15		ppbV	1	2/24/2018 2:34:00 AM
Hexachloro-1,3-buladiene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Hexane	0.27	0.15		ppbV	1	2/24/2018 2:34:00 AM
Isopropyl alcohol	8.9	1.5		ppbV	10	2/25/2018 5:52:00 AM
m&p-Xylene	0.43	0.30		ppbV	1	2/24/2018 2:34:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 2:34:00 AM
Methyl Ethyl Ketone	1.0	0.30		ppbV	1	2/24/2018 2:34:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 2:34:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Methylene chloride	3.2	1.5		ppbV	10	2/25/2018 5:52:00 AM
o-Xylene	0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Tetrachloroethylene	0.69	0.15		ppbV	1	2/24/2018 2:34:00 AM
Tetrahydrofuran	0.49	0.15		ppbV	1	2/24/2018 2:34:00 AM
Toluene	2.3	1.5		ppbV	10	2/25/2018 5:52:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 2:34:00 AM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	2/24/2018 2:34:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV102
Lab Order:	C1802067	Tag Number:	419 397
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-009A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 2:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/24/2018 2:34:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 2:34:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 2:34:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 2:34:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/24/2018 2:34:00 AM
1,2-Dichlorobenzene	< 0.90	0.90	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 2:34:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/24/2018 2:34:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/24/2018 2:34:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 2:34:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 2:34:00 AM
1,4-Dioxane	< 1.1	1.1	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
2,2,4-trimethylpentane	0.98	0.70		ug/m3	1	2/24/2018 2:34:00 AM
4-ethyltoluene	< 0.74	0.74	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Acetone	33	7.1		ug/m3	10	2/25/2018 5:52:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/24/2018 2:34:00 AM
Benzene	1.0	0.48		ug/m3	1	2/24/2018 2:34:00 AM
Benzyl chloride	< 0.86	0.86	UJ LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/24/2018 2:34:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/24/2018 2:34:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/24/2018 2:34:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/24/2018 2:34:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/24/2018 2:34:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/24/2018 2:34:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/24/2018 2:34:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/24/2018 2:34:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/24/2018 2:34:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 2:34:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 2:34:00 AM
Cyclohexane	1.1	0.52		ug/m3	1	2/24/2018 2:34:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/24/2018 2:34:00 AM
Ethyl acetate	13	5.4		ug/m3	10	2/25/2018 5:52:00 AM
Ethylbenzene	0.56	0.65	J	ug/m3	1	2/24/2018 2:34:00 AM
Freon 11	1.7	0.84		ug/m3	1	2/24/2018 2:34:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/24/2018 2:34:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/24/2018 2:34:00 AM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV102
Lab Order:	C1802067	Tag Number:	419 397
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-009A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.7	0.74		ug/m3	1	2/24/2018 2:34:00 AM
Heptane	0.82	0.61		ug/m3	1	2/24/2018 2:34:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Hexane	0.95	0.53		ug/m3	1	2/24/2018 2:34:00 AM
Isopropyl alcohol	22	3.7		ug/m3	10	2/25/2018 5:52:00 AM
m&p-Xylene	1.9	1.3		ug/m3	1	2/24/2018 2:34:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Methyl Ethyl Ketone	2.9	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/24/2018 2:34:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Methylene chloride	11	5.2		ug/m3	10	2/25/2018 5:52:00 AM
o-Xylene	0.65	0.65	J-LCS RPD	ug/m3	1	2/24/2018 2:34:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/24/2018 2:34:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/24/2018 2:34:00 AM
Tetrachloroethylene	4.7	1.0		ug/m3	1	2/24/2018 2:34:00 AM
Tetrahydrofuran	1.4	0.44	J-LCS-L	ug/m3	1	2/24/2018 2:34:00 AM
Toluene	8.7	5.7		ug/m3	10	2/25/2018 5:52:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 2:34:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 2:34:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/24/2018 2:34:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/24/2018 2:34:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/24/2018 2:34:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/24/2018 2:34:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV103
Lab Order:	C1802067	Tag Number:	370 373
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-010A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,2,4-Trimethylbenzene	0.13	0.15	J	ppbV	1	2/24/2018 3:14:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/24/2018 3:14:00 AM
2,2,4-trimethylpentane	0.17	0.15		ppbV	1	2/24/2018 3:14:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Acetone	12	3.0		ppbV	10	2/25/2018 6:29:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Benzene	0.25	0.15		ppbV	1	2/24/2018 3:14:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Cyclohexane	0.42	0.15		ppbV	1	2/24/2018 3:14:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Ethyl acetate	3.9	1.5		ppbV	10	2/25/2018 6:29:00 AM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV103
Lab Order:	C1802067	Tag Number:	370 373
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-010A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.14	0.15	J	ppbV	1	2/24/2018 3:14:00 AM
Freon 11	0.36	0.15		ppbV	1	2/24/2018 3:14:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Freon 12	0.58	0.15		ppbV	1	2/24/2018 3:14:00 AM
Heptane	0.23	0.15		ppbV	1	2/24/2018 3:14:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Hexane	0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Isopropyl alcohol	12	1.5		ppbV	10	2/25/2018 6:29:00 AM
m&p-Xylene	0.55	0.30		ppbV	1	2/24/2018 3:14:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 3:14:00 AM
Methyl Ethyl Ketone	0.90	0.30		ppbV	1	2/24/2018 3:14:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/24/2018 3:14:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Methylene chloride	0.23	0.15		ppbV	1	2/24/2018 3:14:00 AM
o-Xylene	0.22	0.15		ppbV	1	2/24/2018 3:14:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Tetrachloroethylene	1.4	0.15		ppbV	1	2/24/2018 3:14:00 AM
Tetrahydrofuran	0.59	0.15		ppbV	1	2/24/2018 3:14:00 AM
Toluene	1.4	0.15		ppbV	1	2/24/2018 3:14:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 3:14:00 AM
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	2/24/2018 3:14:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV103
Lab Order:	C1802067	Tag Number:	370 373
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-010A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 3:14:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/24/2018 3:14:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 3:14:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 3:14:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 3:14:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1 UJ-LCS-L		ug/m3	1	2/24/2018 3:14:00 AM
1,2,4-Trimethylbenzene	0.64	0.74	J -	ug/m3 LCS-L, LCS-RPD		2/24/2018 3:14:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/24/2018 3:14:00 AM
1,2-Dichlorobenzene	< 0.90	0.90 UJ LCS-L		ug/m3	1	2/24/2018 3:14:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 3:14:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/24/2018 3:14:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74 UJ LCS-L		ug/m3	1	2/24/2018 3:14:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/24/2018 3:14:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 3:14:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 3:14:00 AM
1,4-Dioxane	< 1.1	1.1 UJ-LCS-L		ug/m3	1	2/24/2018 3:14:00 AM
2,2,4-trimethylpentane	0.79	0.70		ug/m3	1	2/24/2018 3:14:00 AM
4-ethyltoluene	< 0.74	0.74 UJ LCS-L		ug/m3	1	2/24/2018 3:14:00 AM
Acetone	28	7.1		ug/m3	10	2/25/2018 6:29:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/24/2018 3:14:00 AM
Benzene	0.80	0.48		ug/m3	1	2/24/2018 3:14:00 AM
Benzyl chloride	< 0.86	0.86 UJ-LCS-L		ug/m3	1	2/24/2018 3:14:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/24/2018 3:14:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/24/2018 3:14:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/24/2018 3:14:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/24/2018 3:14:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/24/2018 3:14:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/24/2018 3:14:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/24/2018 3:14:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/24/2018 3:14:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/24/2018 3:14:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 3:14:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 3:14:00 AM
Cyclohexane	1.4	0.52		ug/m3	1	2/24/2018 3:14:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/24/2018 3:14:00 AM
Ethyl acetate	14	5.4		ug/m3	10	2/25/2018 6:29:00 AM
Ethylbenzene	0.61	0.65	J	ug/m3	1	2/24/2018 3:14:00 AM
Freon 11	2.0	0.84		ug/m3	1	2/24/2018 3:14:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/24/2018 3:14:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/24/2018 3:14:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV103
Lab Order:	C1802067	Tag Number:	370 373
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-010A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.9	0.74		ug/m3	1	2/24/2018 3:14:00 AM
Heptane	0.94	0.61		ug/m3	1	2/24/2018 3:14:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/24/2018 3:14:00 AM
Hexane	0.53	0.53		ug/m3	1	2/24/2018 3:14:00 AM
Isopropyl alcohol	30	3.7		ug/m3	10	2/25/2018 6:29:00 AM
m&p-Xylene	2.4	1.3		ug/m3	1	2/24/2018 3:14:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 3:14:00 AM
Methyl Ethyl Ketone	2.7	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/24/2018 3:14:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/24/2018 3:14:00 AM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/24/2018 3:14:00 AM
Methylene chloride	0.80	0.52		ug/m3	1	2/24/2018 3:14:00 AM
o-Xylene	0.96	0.65	J-LCS-RPD	ug/m3	1	2/24/2018 3:14:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/24/2018 3:14:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/24/2018 3:14:00 AM
Tetrachloroethylene	9.8	1.0		ug/m3	1	2/24/2018 3:14:00 AM
Tetrahydrofuran	1.7	0.44	J-LCS-L	ug/m3	1	2/24/2018 3:14:00 AM
Toluene	5.4	0.57		ug/m3	1	2/24/2018 3:14:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 3:14:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 3:14:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/24/2018 3:14:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/24/2018 3:14:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/24/2018 3:14:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/24/2018 3:14:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV104
Lab Order:	C1802067	Tag Number:	237 394
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-011A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,2,4-Trimethylbenzene	0.25	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/24/2018 3:54:00 AM
2,2,4-trimethylpentane	0.21	0.15		ppbV	1	2/24/2018 3:54:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Acetone	27	3.0		ppbV	10	2/25/2018 7:06:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Benzene	0.31	0.15		ppbV	1	2/24/2018 3:54:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Carbon disulfide	0.12	0.15	J	ppbV	1	2/24/2018 3:54:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Cyclohexane	0.43	0.15		ppbV	1	2/24/2018 3:54:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Ethyl acetate	2.4	1.5		ppbV	10	2/25/2018 7:06:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-SV104
Lab Order:	C1802067	Tag Number:	237 394
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-011A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.25	0.15		ppbV	1	2/24/2018 3:54:00 AM
Freon 11	0.79	0.15		ppbV	1	2/24/2018 3:54:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Freon 12	0.74	0.15		ppbV	1	2/24/2018 3:54:00 AM
Heptane	0.35	0.15		ppbV	1	2/24/2018 3:54:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Hexane	0.27	0.15		ppbV	1	2/24/2018 3:54:00 AM
Isopropyl alcohol	12	1.5		ppbV	10	2/25/2018 7:06:00 AM
m&p-Xylene	0.96	0.30		ppbV	1	2/24/2018 3:54:00 AM
Methyl Butyl Ketone	0.35	0.30		ppbV	1	2/24/2018 3:54:00 AM
Methyl Ethyl Ketone	1.7	0.30		ppbV	1	2/24/2018 3:54:00 AM
Methyl Isobutyl Ketone	0.66	0.30		ppbV	1	2/24/2018 3:54:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Methylene chloride	0.31	0.15		ppbV	1	2/24/2018 3:54:00 AM
o-Xylene	0.38	0.15		ppbV	1	2/24/2018 3:54:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Tetrachloroethylene	1.8	0.15		ppbV	1	2/24/2018 3:54:00 AM
Tetrahydrofuran	0.81	0.15		ppbV	1	2/24/2018 3:54:00 AM
Toluene	2.5	1.5		ppbV	10	2/25/2018 7:06:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/24/2018 3:54:00 AM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/24/2018 3:54:00 AM

Qualifiers:

**	Quantitation Limit	-	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU3-135-SV104
Lab Order:	C1802067	**Tag Number:**	237 394
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/22/2018
Lab ID:	C1802067-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				**Analyst: RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 3:54:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/24/2018 3:54:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/24/2018 3:54:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 3:54:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 3:54:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
1,2,4-Trimethylbenzene	1.2	0.74	J-LCS-L,	ug/m3 LCS-RPD	1	2/24/2018 3:54:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/24/2018 3:54:00 AM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/24/2018 3:54:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/24/2018 3:54:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/24/2018 3:54:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 3:54:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/24/2018 3:54:00 AM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
2,2,4-trimethylpentane	0.98	0.70		ug/m3	1	2/24/2018 3:54:00 AM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
Acetone	64	7.1		ug/m3	10	2/25/2018 7:06:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/24/2018 3:54:00 AM
Benzene	0.99	0.48		ug/m3	1	2/24/2018 3:54:00 AM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/24/2018 3:54:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/24/2018 3:54:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/24/2018 3:54:00 AM
Carbon disulfide	0.37	0.47	J	ug/m3	1	2/24/2018 3:54:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/24/2018 3:54:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/24/2018 3:54:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/24/2018 3:54:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/24/2018 3:54:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/24/2018 3:54:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 3:54:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 3:54:00 AM
Cyclohexane	1.5	0.52		ug/m3	1	2/24/2018 3:54:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/24/2018 3:54:00 AM
Ethyl acetate	8.6	5.4		ug/m3	10	2/25/2018 7:06:00 AM
Ethylbenzene	1.1	0.65		ug/m3	1	2/24/2018 3:54:00 AM
Freon 11	4.4	0.84		ug/m3	1	2/24/2018 3:54:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/24/2018 3:54:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/24/2018 3:54:00 AM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU3-135-SV104
Lab Order:	C1802067	**Tag Number:**	237394
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/22/2018
Lab ID:	C1802067-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	3.7	0.74		ug/m3	1	2/24/2018 3:54:00 AM
Heptane	1.4	0.61		ug/m3	1	2/24/2018 3:54:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
Hexane	0.95	0.53		ug/m3	1	2/24/2018 3:54:00 AM
Isopropyl alcohol	29	3.7		ug/m3	10	2/25/2018 7:06:00 AM
m&p-Xylene	4.2	1.3		ug/m3	1	2/24/2018 3:54:00 AM
Methyl Butyl Ketone	1.4	1.2	J-LCS-L, LCS-RPD	ug/m3	1	2/24/2018 3:54:00 AM
Methyl Ethyl Ketone	5.0	0.88	J, LCS-L, LCS-RPD	ug/m3	1	2/24/2018 3:54:00 AM
Methyl Isobutyl Ketone	2.7	1.2	J LCS-L LCS-RPD	ug/m3	1	2/24/2018 3:54:00 AM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
Methylene chloride	1.1	0.52		ug/m3	1	2/24/2018 3:54:00 AM
o-Xylene	1.6	0.65	J-LCS-RPD	ug/m3	1	2/24/2018 3:54:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/24/2018 3:54:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/24/2018 3:54:00 AM
Tetrachloroethylene	12	1.0		ug/m3	1	2/24/2018 3:54:00 AM
Tetrahydrofuran	2.4	0.44	J-LCS-L	ug/m3	1	2/24/2018 3:54:00 AM
Toluene	9.4	5.7		ug/m3	10	2/25/2018 7:06:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/24/2018 3:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/24/2018 3:54:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/24/2018 3:54:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/24/2018 3:54:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/24/2018 3:54:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/24/2018 3:54:00 AM

Qualifiers:

**	Quantitation Limit		Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA100
Lab Order:	C1802067	Tag Number:	240 445
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-012A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 3:12:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,2,4-Trimethylbenzene	0.14	0.15	J	ppbV	1	2/23/2018 3:12:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/23/2018 3:12:00 PM
2,2,4-trimethylpentane	0.11	0.15	J	ppbV	1	2/23/2018 3:12:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Acetone	3.1	0.30		ppbV	1	2/23/2018 3:12:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Benzene	0.39	0.15		ppbV	1	2/23/2018 3:12:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Carbon tetrachloride	< 0.030	0.030		ppbV	1	2/23/2018 3:12:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Chloromethane	0.47	0.15		ppbV	1	2/23/2018 3:12:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 3:12:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Ethyl acetate	0.17	0.15		ppbV	1	2/23/2018 3:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA100
Lab Order:	C1802067	Tag Number:	240 445
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-012A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Ethylbenzene	0.12	0.15	J	ppbV	1	2/23/2018 3:12:00 PM
Freon 11	0.31	0.15		ppbV	1	2/23/2018 3:12:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Freon 12	0.55	0.15		ppbV	1	2/23/2018 3:12:00 PM
Heptane	0.16	0.15		ppbV	1	2/23/2018 3:12:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Hexane	0.36	0.15		ppbV	1	2/23/2018 3:12:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
m&p-Xylene	0.43	0.30		ppbV	1	2/23/2018 3:12:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 3:12:00 PM
Methyl Ethyl Ketone	0.33	0.30		ppbV	1	2/23/2018 3:12:00 PM
Methyl Isobutyl Ketone	0.12	0.30	J	ppbV	1	2/23/2018 3:12:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Methylene chloride	0.31	0.15		ppbV	1	2/23/2018 3:12:00 PM
o-Xylene	0.18	0.15		ppbV	1	2/23/2018 3:12:00 PM
Propylene	0.090	0.15	J	ppbV	1	2/23/2018 3:12:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Toluene	1.2	0.15		ppbV	1	2/23/2018 3:12:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	2/23/2018 3:12:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/23/2018 3:12:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/23/2018 3:12:00 PM
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	2/23/2018 3:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA100
Lab Order:	C1802067	Tag Number:	240 445
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-012A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 3:12:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/23/2018 3:12:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 3:12:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 3:12:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 3:12:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
1,2,4-Trimethylbenzene	0.69	0.74	J ~	ug/m3	LCS-L,LCS-RPD 1	2/23/2018 3:12:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/23/2018 3:12:00 PM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 3:12:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/23/2018 3:12:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/23/2018 3:12:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 3:12:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 3:12:00 PM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
2,2,4-trimethylpentane	0.51	0.70	J	ug/m3	1	2/23/2018 3:12:00 PM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
Acetone	7.4	0.71		ug/m3	1	2/23/2018 3:12:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/23/2018 3:12:00 PM
Benzene	1.2	0.48		ug/m3	1	2/23/2018 3:12:00 PM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/23/2018 3:12:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/23/2018 3:12:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/23/2018 3:12:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/23/2018 3:12:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	2/23/2018 3:12:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/23/2018 3:12:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/23/2018 3:12:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/23/2018 3:12:00 PM
Chloromethane	0.97	0.31		ug/m3	1	2/23/2018 3:12:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 3:12:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 3:12:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/23/2018 3:12:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/23/2018 3:12:00 PM
Ethyl acetate	0.61	0.54	J-LCS-L,	ug/m3	LCS-RPD 1	2/23/2018 3:12:00 PM
Ethylbenzene	0.52	0.65	J	ug/m3	1	2/23/2018 3:12:00 PM
Freon 11	1.7	0.84		ug/m3	1	2/23/2018 3:12:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/23/2018 3:12:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/23/2018 3:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA100
Lab Order:	C1802067	Tag Number:	240 445
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-012A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				**Analyst: RJP**
Freon 12	2.7	0.74		ug/m3	1	2/23/2018 3:12:00 PM
Heptane	0.66	0.61		ug/m3	1	2/23/2018 3:12:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
Hexane	1.3	0.53		ug/m3	1	2/23/2018 3:12:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/23/2018 3:12:00 PM
m&p-Xylene	1.9	1.3		ug/m3	1	2/23/2018 3:12:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
Methyl Ethyl Ketone	0.97	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 3:12:00 PM
Methyl Isobutyl Ketone	0.49	1.2	J-	ug/m3 LCS-L, LCS-RPD		2/23/2018 3:12:00 PM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
Methylene chloride	1.1	0.52		ug/m3	1	2/23/2018 3:12:00 PM
o-Xylene	0.78	0.65	J-LCS-RPD	ug/m3	1	2/23/2018 3:12:00 PM
Propylene	0.15	0.26	J	ug/m3	1	2/23/2018 3:12:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/23/2018 3:12:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/23/2018 3:12:00 PM
Tetrahydrofuran	< 0.44	0.44	UJ-LCS-L	ug/m3	1	2/23/2018 3:12:00 PM
Toluene	4.3	0.57		ug/m3	1	2/23/2018 3:12:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/23/2018 3:12:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 3:12:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 3:12:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/23/2018 3:12:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/23/2018 3:12:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/23/2018 3:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA101
Lab Order:	C1802067	Tag Number:	564 396
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-013A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 3:52:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,2,4-Trimethylbenzene	0.12	0.15	J	ppbV	1	2/23/2018 3:52:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/23/2018 3:52:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Acetone	8.2	3.0		ppbV	10	2/24/2018 5:58:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Benzene	0.29	0.15		ppbV	1	2/23/2018 3:52:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Carbon tetrachloride	0.10	0.030		ppbV	1	2/23/2018 3:52:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Chloromethane	0.49	0.15		ppbV	1	2/23/2018 3:52:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 3:52:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Ethyl acetate	0.34	0.15		ppbV	1	2/23/2018 3:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA101
Lab Order:	C1802067	Tag Number:	564 396
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-013A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
Ethylbenzene	0.10	0.15	J	ppbV	1	2/23/2018 3:52:00 PM
Freon 11	0.34	0.15		ppbV	1	2/23/2018 3:52:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Freon 12	0.60	0.15		ppbV	1	2/23/2018 3:52:00 PM
Heptane	0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Hexane	0.17	0.15		ppbV	1	2/23/2018 3:52:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
m&p-Xylene	0.35	0.30		ppbV	1	2/23/2018 3:52:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 3:52:00 PM
Methyl Ethyl Ketone	0.53	0.30		ppbV	1	2/23/2018 3:52:00 PM
Methyl Isobutyl Ketone	0.11	0.30	J	ppbV	1	2/23/2018 3:52:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Methylene chloride	0.37	0.15		ppbV	1	2/23/2018 3:52:00 PM
o-Xylene	0.14	0.15	J	ppbV	1	2/23/2018 3:52:00 PM
Propylene	0.10	0.15	J	ppbV	1	2/23/2018 3:52:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Toluene	1.0	0.15		ppbV	1	2/23/2018 3:52:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	2/23/2018 3:52:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/23/2018 3:52:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/23/2018 3:52:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	2/23/2018 3:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA101
Lab Order:	C1802067	Tag Number:	564 396
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-013A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 3:52:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/23/2018 3:52:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 3:52:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 3:52:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 3:52:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
1,2,4-Trimethylbenzene	0.59	0.74	J -	ug/m3	LCS-L, LCS-RPD 1	2/23/2018 3:52:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/23/2018 3:52:00 PM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 3:52:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/23/2018 3:52:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/23/2018 3:52:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 3:52:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 3:52:00 PM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/23/2018 3:52:00 PM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
Acetone	19	7.1		ug/m3	10	2/24/2018 5:58:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/23/2018 3:52:00 PM
Benzene	0.93	0.48		ug/m3	1	2/23/2018 3:52:00 PM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/23/2018 3:52:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/23/2018 3:52:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/23/2018 3:52:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/23/2018 3:52:00 PM
Carbon tetrachloride	0.63	0.19		ug/m3	1	2/23/2018 3:52:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/23/2018 3:52:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/23/2018 3:52:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/23/2018 3:52:00 PM
Chloromethane	1.0	0.31		ug/m3	1	2/23/2018 3:52:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 3:52:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 3:52:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/23/2018 3:52:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/23/2018 3:52:00 PM
Ethyl acetate	1.2	0.54	j-LCS-L,	ug/m3	LCS-RPD 1	2/23/2018 3:52:00 PM
Ethylbenzene	0.43	0.65	J	ug/m3	1	2/23/2018 3:52:00 PM
Freon 11	1.9	0.84		ug/m3	1	2/23/2018 3:52:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/23/2018 3:52:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/23/2018 3:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA101
Lab Order:	C1802067	Tag Number:	564 396
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-013A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
Freon 12	3.0	0.74		ug/m3	1	2/23/2018 3:52:00 PM
Heptane	0.61	0.61		ug/m3	1	2/23/2018 3:52:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
Hexane	0.60	0.53		ug/m3	1	2/23/2018 3:52:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/23/2018 3:52:00 PM
m&p-Xylene	1.5	1.3		ug/m3	1	2/23/2018 3:52:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
Methyl Ethyl Ketone	1.6	0.88	J-LCS-L	ug/m3	LCS-RPD 1	2/23/2018 3:52:00 PM
Methyl Isobutyl Ketone	0.45	1.2	J-	ug/m3	LCS-L, LCS-RPD	2/23/2018 3:52:00 PM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
Methylene chloride	1.3	0.52		ug/m3	1	2/23/2018 3:52:00 PM
o-Xylene	0.61	0.65	J	ug/m3	J-LCS-RPD 1	2/23/2018 3:52:00 PM
Propylene	0.17	0.26	J	ug/m3	1	2/23/2018 3:52:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/23/2018 3:52:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/23/2018 3:52:00 PM
Tetrahydrofuran	< 0.44	0.44	UJ-LCS-L	ug/m3	1	2/23/2018 3:52:00 PM
Toluene	3.8	0.57		ug/m3	1	2/23/2018 3:52:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/23/2018 3:52:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 3:52:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 3:52:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/23/2018 3:52:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/23/2018 3:52:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/23/2018 3:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA102
Lab Order:	C1802067	Tag Number:	243 454
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-014A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 4:32:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,2,4-Trimethylbenzene	0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/23/2018 4:32:00 PM
2,2,4-trimethylpentane	0.18	0.15		ppbV	1	2/23/2018 4:32:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Acetone	10	3.0		ppbV	10	2/24/2018 6:35:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Benzene	0.32	0.15		ppbV	1	2/23/2018 4:32:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Carbon tetrachloride	< 0.030	0.030		ppbV	1	2/23/2018 4:32:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Chloromethane	0.57	0.15		ppbV	1	2/23/2018 4:32:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 4:32:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Ethyl acetate	0.20	0.15		ppbV	1	2/23/2018 4:32:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA102
Lab Order:	C1802067	Tag Number:	243 454
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-014A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
Ethylbenzene	0.18	0.15		ppbV	1	2/23/2018 4:32:00 PM
Freon 11	0.45	0.15		ppbV	1	2/23/2018 4:32:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Freon 12	0.57	0.15		ppbV	1	2/23/2018 4:32:00 PM
Heptane	0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Hexane	0.21	0.15		ppbV	1	2/23/2018 4:32:00 PM
Isopropyl alcohol	4.2	1.5		ppbV	10	2/24/2018 5:35:00 PM
m&p-Xylene	0.67	0.30		ppbV	1	2/23/2018 4:32:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 4:32:00 PM
Methyl Ethyl Ketone	0.50	0.30		ppbV	1	2/23/2018 4:32:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 4:32:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Methylene chloride	0.21	0.15		ppbV	1	2/23/2018 4:32:00 PM
o-Xylene	0.26	0.15		ppbV	1	2/23/2018 4:32:00 PM
Propylene	0.090	0.15	J	ppbV	1	2/23/2018 4:32:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Toluene	1.6	0.15		ppbV	1	2/23/2018 4:32:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	2/23/2018 4:32:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/23/2018 4:32:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/23/2018 4:32:00 PM
Surr: Bromofluorobenzene	112	70-130		%REC	1	2/23/2018 4:32:00 PM

Qualifiers:

- ** Quantitation Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- . Results reported are not blank corrected
- E Estimated Value above quantitation range
- J Analyte detected below quantitation limit
- ND Not Detected at the Limit of Detection

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU3-135-IA102
Lab Order:	C1802067	**Tag Number:**	243 454
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/22/2018
Lab ID:	C1802067-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				**Analyst: RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 4:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/23/2018 4:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 4:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 4:32:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 4:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
1,2,4-Trimethylbenzene	0.74	0.74	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 4:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/23/2018 4:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 4:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/23/2018 4:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/23/2018 4:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 4:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 4:32:00 PM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
2,2,4-trimethylpentane	0.84	0.70		ug/m3	1	2/23/2018 4:32:00 PM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Acetone	24	7.1		ug/m3	10	2/24/2018 6:35:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/23/2018 4:32:00 PM
Benzene	1.0	0.48		ug/m3	1	2/23/2018 4:32:00 PM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/23/2018 4:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/23/2018 4:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/23/2018 4:32:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/23/2018 4:32:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	2/23/2018 4:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/23/2018 4:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/23/2018 4:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/23/2018 4:32:00 PM
Chloromethane	1.2	0.31		ug/m3	1	2/23/2018 4:32:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 4:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 4:32:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/23/2018 4:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/23/2018 4:32:00 PM
Ethyl acetate	0.72	0.54	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 4:32:00 PM
Ethylbenzene	0.78	0.65		ug/m3	1	2/23/2018 4:32:00 PM
Freon 11	2.5	0.84		ug/m3	1	2/23/2018 4:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/23/2018 4:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/23/2018 4:32:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU3-135-IA102
Lab Order:	C1802067	**Tag Number:**	243 454
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/22/2018
Lab ID:	C1802067-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	2.8	0.74		ug/m3	1	2/23/2018 4:32:00 PM
Heptane	0.61	0.61		ug/m3	1	2/23/2018 4:32:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Hexane	0.74	0.53		ug/m3	1	2/23/2018 4:32:00 PM
Isopropyl alcohol	10	3.7		ug/m3	10	2/24/2018 6:35:00 PM
m&p-Xylene	2.9	1.3		ug/m3	1	2/23/2018 4:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Methyl Ethyl Ketone	1.5	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 4:32:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Methylene chloride	0.73	0.52		ug/m3	1	2/23/2018 4:32:00 PM
o-Xylene	1.1	0.65	J-LCS-RPD	ug/m3	1	2/23/2018 4:32:00 PM
Propylene	0.15	0.26	J	ug/m3	1	2/23/2018 4:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/23/2018 4:32:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/23/2018 4:32:00 PM
Tetrahydrofuran	< 0.44	0.44	UJ-LCS-L	ug/m3	1	2/23/2018 4:32:00 PM
Toluene	6.1	0.57		ug/m3	1	2/23/2018 4:32:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/23/2018 4:32:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 4:32:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 4:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/23/2018 4:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/23/2018 4:32:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/23/2018 4:32:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU3-135-IA103
Lab Order:	C1802067	**Tag Number:**	195 440
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/22/2018
Lab ID:	C1802067-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 5:12:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,2,4-Trimethylbenzene	0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/23/2018 5:12:00 PM
2,2,4-trimethylpentane	0.12	0.15	J	ppbV	1	2/23/2018 5:12:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Acetone	11	3.0		ppbV	10	2/24/2018 7:12:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Benzene	0.27	0.15		ppbV	1	2/23/2018 5:12:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Carbon tetrachloride	< 0.030	0.030		ppbV	1	2/23/2018 5:12:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Chloromethane	0.47	0.15		ppbV	1	2/23/2018 5:12:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 5:12:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Ethyl acetate	0.32	0.15		ppbV	1	2/23/2018 5:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA103
Lab Order:	C1802067	Tag Number:	195 440
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-015A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Ethylbenzene	0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Freon 11	0.67	0.15		ppbV	1	2/23/2018 5:12:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Freon 12	0.68	0.15		ppbV	1	2/23/2018 5:12:00 PM
Heptane	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Hexane	0.25	0.15		ppbV	1	2/23/2018 5:12:00 PM
Isopropyl alcohol	2.0	0.15		ppbV	1	2/23/2018 5:12:00 PM
m&p-Xylene	0.60	0.30		ppbV	1	2/23/2018 5:12:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 5:12:00 PM
Methyl Ethyl Ketone	0.67	0.30		ppbV	1	2/23/2018 5:12:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 5:12:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Methylene chloride	0.29	0.15		ppbV	1	2/23/2018 5:12:00 PM
o-Xylene	0.22	0.15		ppbV	1	2/23/2018 5:12:00 PM
Propylene	0.080	0.15	J	ppbV	1	2/23/2018 5:12:00 PM
Styrene	0.12	0.15	J	ppbV	1	2/23/2018 5:12:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Toluene	1.8	0.15		ppbV	1	2/23/2018 5:12:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	2/23/2018 5:12:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/23/2018 5:12:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/23/2018 5:12:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/23/2018 5:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA103
Lab Order:	C1802067	Tag Number:	195 440
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-015A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 5:12:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/23/2018 5:12:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 5:12:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 5:12:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 5:12:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
1,2,4-Trimethylbenzene	0.74	0.74	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 5:12:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/23/2018 5:12:00 PM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 5:12:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/23/2018 5:12:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/23/2018 5:12:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 5:12:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 5:12:00 PM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
2,2,4-trimethylpentane	0.56	0.70	J	ug/m3	1	2/23/2018 5:12:00 PM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Acetone	27	7.1		ug/m3	10	2/24/2018 7:12:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/23/2018 5:12:00 PM
Benzene	0.86	0.48		ug/m3	1	2/23/2018 5:12:00 PM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/23/2018 5:12:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/23/2018 5:12:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/23/2018 5:12:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/23/2018 5:12:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	2/23/2018 5:12:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/23/2018 5:12:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/23/2018 5:12:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/23/2018 5:12:00 PM
Chloromethane	0.97	0.31		ug/m3	1	2/23/2018 5:12:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 5:12:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 5:12:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/23/2018 5:12:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/23/2018 5:12:00 PM
Ethyl acetate	1.2	0.54	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 5:12:00 PM
Ethylbenzene	0.65	0.65		ug/m3	1	2/23/2018 5:12:00 PM
Freon 11	3.8	0.84		ug/m3	1	2/23/2018 5:12:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/23/2018 5:12:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/23/2018 5:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-135-IA103
Lab Order:	C1802067	Tag Number:	195 440
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-015A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
Freon 12	3.4	0.74		ug/m3	1	2/23/2018 5:12:00 PM
Heptane	< 0.61	0.61		ug/m3	1	2/23/2018 5:12:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Hexane	0.88	0.53		ug/m3	1	2/23/2018 5:12:00 PM
Isopropyl alcohol	4.8	0.37	J-LCS-RPD	ug/m3	1	2/23/2018 5:12:00 PM
m&p-Xylene	2.6	1.3		ug/m3	1	2/23/2018 5:12:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Methyl Ethyl Ketone	2.0	0.88	J-LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 5:12:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Methyl tert-butyl ether	< 0.54	0.54	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Methylene chloride	1.0	0.52		ug/m3	1	2/23/2018 5:12:00 PM
o-Xylene	0.96	0.65	J-LCS-RPD	ug/m3	1	2/23/2018 5:12:00 PM
Propylene	0.14	0.26	J	ug/m3	1	2/23/2018 5:12:00 PM
Styrene	0.51	0.64	J	ug/m3	1	2/23/2018 5:12:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/23/2018 5:12:00 PM
Tetrahydrofuran	< 0.44	0.44	UJ-LCS-L	ug/m3	1	2/23/2018 5:12:00 PM
Toluene	6.6	0.57		ug/m3	1	2/23/2018 5:12:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/23/2018 5:12:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 5:12:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 5:12:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/23/2018 5:12:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/23/2018 5:12:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/23/2018 5:12:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-OUT-AA100
Lab Order:	C1802067	Tag Number:	3631
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-016A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		2/23/2018
Lab Vacuum Out	-30			"Hg		2/23/2018
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 5:52:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/23/2018 5:52:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Acetone	2.7	0.30		ppbV	1	2/23/2018 5:52:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Benzene	0.21	0.15		ppbV	1	2/23/2018 5:52:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Carbon tetrachloride	< 0.030	0.030		ppbV	1	2/23/2018 5:52:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Chloromethane	0.46	0.15		ppbV	1	2/23/2018 5:52:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	2/23/2018 5:52:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Cyclohexane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Ethyl acetate	0.25	0.15		ppbV	1	2/23/2018 5:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-OUT-AA100
Lab Order:	C1802067	Tag Number:	363 1
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-016A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
Ethylbenzene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Freon 11	0.30	0.15		ppbV	1	2/23/2018 5:52:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Freon 12	0.57	0.15		ppbV	1	2/23/2018 5:52:00 PM
Heptane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Hexane	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
m&p-Xylene	0.14	0.30	J	ppbV	1	2/23/2018 5:52:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 5:52:00 PM
Methyl Ethyl Ketone	0.26	0.30	J	ppbV	1	2/23/2018 5:52:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/23/2018 5:52:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Methylene chloride	0.53	0.15		ppbV	1	2/23/2018 5:52:00 PM
o-Xylene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Propylene	0.090	0.15	J	ppbV	1	2/23/2018 5:52:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Toluene	0.44	0.15		ppbV	1	2/23/2018 5:52:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	2/23/2018 5:52:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/23/2018 5:52:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	2/23/2018 5:52:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	2/23/2018 5:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-OUT-AA100
Lab Order:	C1802067	Tag Number:	363 1
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-016A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 5:52:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/23/2018 5:52:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/23/2018 5:52:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 5:52:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 5:52:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/23/2018 5:52:00 PM
1,2-Dichlorobenzene	< 0.90	0.90	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/23/2018 5:52:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/23/2018 5:52:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/23/2018 5:52:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 5:52:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/23/2018 5:52:00 PM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/23/2018 5:52:00 PM
4-ethyltoluene	< 0.74	0.74	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Acetone	6.4	0.71		ug/m3	1	2/23/2018 5:52:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/23/2018 5:52:00 PM
Benzene	0.67	0.48		ug/m3	1	2/23/2018 5:52:00 PM
Benzyl chloride	< 0.86	0.86	UJ-LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/23/2018 5:52:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/23/2018 5:52:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/23/2018 5:52:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/23/2018 5:52:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	2/23/2018 5:52:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/23/2018 5:52:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/23/2018 5:52:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/23/2018 5:52:00 PM
Chloromethane	0.95	0.31		ug/m3	1	2/23/2018 5:52:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 5:52:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 5:52:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/23/2018 5:52:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/23/2018 5:52:00 PM
Ethyl acetate	0.90	0.54	J LCS-L,	ug/m3 LCS-RPD	1	2/23/2018 5:52:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	2/23/2018 5:52:00 PM
Freon 11	1.7	0.84		ug/m3	1	2/23/2018 5:52:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/23/2018 5:52:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/23/2018 5:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *08-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU3-OUT-AA100
Lab Order:	C1802067	Tag Number:	363 1
Project:	Elk Street Buffalo - SVI	Collection Date:	2/22/2018
Lab ID:	C1802067-016A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
Freon 12	2.8	0.74		ug/m3	1	2/23/2018 5:52:00 PM
Heptane	< 0.61	0.61		ug/m3	1	2/23/2018 5:52:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	U LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Hexane	< 0.53	0.53		ug/m3	1	2/23/2018 5:52:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/23/2018 5:52:00 PM
m&p-Xylene	0.61	1.3	J	ug/m3	1	2/23/2018 5:52:00 PM
Methyl Butyl Ketone	< 1.2	1.2	U LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Methyl Ethyl Ketone	0.77	0.88	J -	ug/m3 LCS-L,LCS-RPD		2/23/2018 5:52:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	U LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Methyl tert-butyl ether	< 0.54	0.54	U LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Methylene chloride	1.8	0.52		ug/m3	1	2/23/2018 5:52:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	2/23/2018 5:52:00 PM
Propylene	0.15	0.26	J	ug/m3	1	2/23/2018 5:52:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/23/2018 5:52:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/23/2018 5:52:00 PM
Tetrahydrofuran	< 0.44	0.44	U LCS-L	ug/m3	1	2/23/2018 5:52:00 PM
Toluene	1.7	0.57		ug/m3	1	2/23/2018 5:52:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/23/2018 5:52:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/23/2018 5:52:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	2/23/2018 5:52:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/23/2018 5:52:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/23/2018 5:52:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	2/23/2018 5:52:00 PM

Qualifiers:

**	Quantitation Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits		