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 2 East – Buckeye 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 to conduct vapor intrusion (VI) studies at three structures on Operable Unit (OU) 2 East 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

OU-2 East encompasses portions of the former terminal, including: the northern portion of the Former Refinery Area, Northern Tank Yard Area, Administrative Offices and Operations Area, Northeast Process and Storage Area, and a small northern portion of the Central Rail and Process Area.

SVI sampling was conducted within three buildings at the Buckeye Terminal (635 Elk Street) previously identified as: 1) the Main Office – Building 154 (also referred to as 152 in some previous reports); 2) Store House - Building 153; 3) and the Laboratory Building. The current building and site layout of OU2 East 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 OU2 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. C915201B. 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 several onsite buildings. Soil vapor samples were collected from four outdoor soil vapor borings adjacent to Buildings 153 and 154. One soil vapor sample (SV-17) was collected from inside Building 154 (identified as Building 152) and one soil vapor sample (SV-18) was collected from inside Building 153 (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 in February 2018. The general task completed are described below.

Site Inspections

AMEC visited Buildings 153, 154, and the Laboratory Building to conduct an inspection of building conditions, an inventory of chemical products stored in the building, and 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.

[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

The Laboratory Building is currently vacant, unheated and in disrepair.

Building 153 is currently being used by Buckeye Petroleum for environmental monitoring and remediation activities. Items identified as being stored/used in the facility include, but are not limited to:

- PB B'laster (contains petroleum distillates and naphthalene)
- WD-40
- Rustoleum Alkyd Enamel
- ZEP ID Red
- Round Up
- Gasoline (in containers)
- Thread cutting oil

Building 154 is currently being used by Buckeye Petroleum for office space and supply storage. Items identified as being stored/used in the facility include, but are not limited to:

- Gasoline soaked rags
- Hydraulic cement
- Unisol liquid red (contains kerosene, xylenes)
- NeoHexane
- Diesel and gasoline powered equipment
- Universal Gold (firefighting agent)

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 27 to February 28, 2018. The subslab sample locations were selected based on the building inspections 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 buildings. 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 two of the samples (i.e. greater than 20% of the locations), the sub-slab seals were determined to be effective. One ambient/background air sample was collected for OU 2 East.

Building 153. Four subslab samples and six indoor air samples, including one duplicate, were collected in Building 153.

Building 154. Four subslab samples, including one duplicate, and four indoor air samples were collected in Building 154

Laboratory Building. Two subslab and two indoor air samples were collected in the Laboratory Building.

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. Several petroleum related compounds were identified in the indoor air of Buildings 153 and 154, however, the chemical inventory identified several petroleum products, including containers of gasoline, in both buildings. In addition, concentrations in indoor air were similar to the subslab concentrations, indicating that compounds detected in the indoor air are not likely the result of vapor intrusion from soil vapor. Of the compounds detected in the indoor air, only 1,2,4-trimethylbenze (Building 154), benzene (Building 154 and Building 155), and ethylbenzene (Building 154), exceeded 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. With the exception of chloroform, 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 Buildings present on OU2-West (Building 153, Building 154, and the Laboratory Building.

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

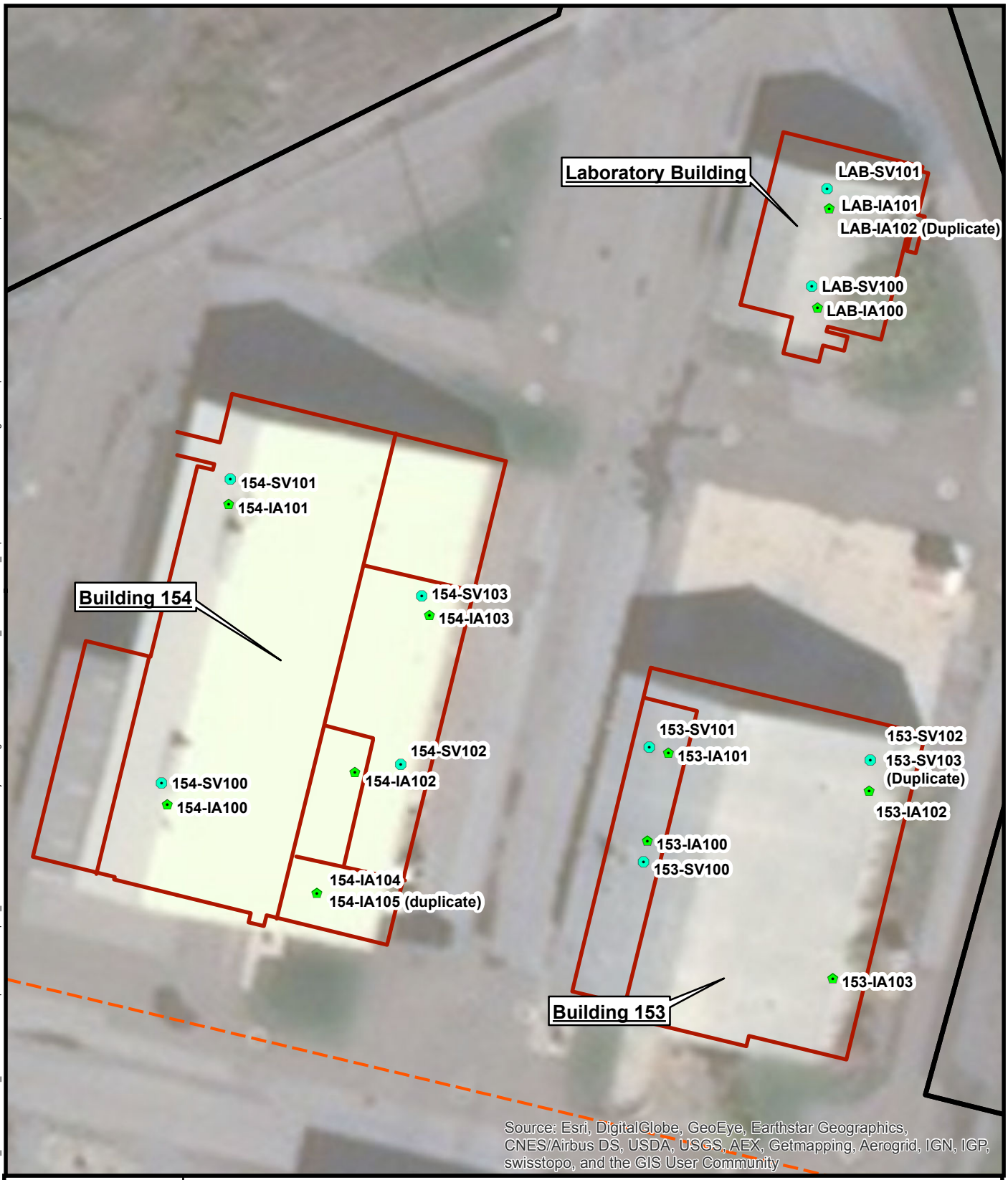
Sincerely,

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
OU2-East
SVI Sample Locations

ExxonMobil Former Buffalo Terminal
Buffalo, New York

Table 1: OU2 East SVI Results

			Building	Ambient Air		Building 153		Building 153		Building 153		Building 153	
			Location	OU2E-OUT-AA100		OU2E-153-SV100		OU2E-153-SV101		OU2E-153-SV102		OU2E-153-SV102	
			Sample Date	2/28/2018		2/28/2018		2/28/2018		2/28/2018		2/28/2018	
			Sample ID	OU2E-OUT-AA100		OU2E-153-SV100		OU2E-153-SV101		OU2E-153-SV102		OU2E-153-SV103	
			QC Code	FS		FS		FS		FS		FD	
			Sample Type	Outdoor Air		Soil Vapor		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	Result	Qual
1,1,1-Trichloroethane	3.1	2200	22000	0.82	U	0.82	U	**1.5**		**19**	J	**10**	J
1,1,2,2-Tetrachloroethane	<0.25	0.21	2.1	1	U	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	U
1,1,2-Trichloroethane	<0.25	0.77	7.7	0.82	U	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	0.61	U
1,1-Dichloroethene	<0.25	88	880	0.16	U	0.59	U	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	3.4	0.88	8.8	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,2,4-Trimethylbenzene	9.5	3.1	31	0.74	U	**2.9**		**1.5**		**1.3**	J	**2.4**	J
1,2-Dibromoethane	<0.25	0.02	0.2	1.2	U	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	U
1,2-Dichlorobenzene	0.72	88	8.8	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
1,2-Dichloroethane	<0.25	0.47	4.7	0.61	U	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	0.69	U
1,3,5-Trimethylbenzene	3.6	NA	NA	0.74	U	**1.3**		**0.59**	J	**0.69**	J	**0.88**	
1,3-Butadiene	4.6	0.41	4.1	0.33	U	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	0.9	U
1,4-Dichlorobenzene	1.3	1.1	11	0.9	U	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	1.1	UJ
2-Butanone	16	2200	22000	**1.1**		**11**		**7.7**	J	**210**	J	**130**	J
2-Hexanone	NA	13	130	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	NA	88	880	**0.86**		0.37	U	0.37	U	0.37	U	0.37	U
4-Ethyltoluene	NA	NA	NA	0.74	U	**0.59**	J	0.74	U	0.74	U	**0.54**	J
4-Methyl-2-pentanone	2.2	1300	13000	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
Acetone	110	14000	140000	**18**		**66**		**45**		**140**	J	**77**	J
Allyl chloride	NA	2	20	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
Benzene	15	1.6	16	**0.83**		**5.4**		**1.1**		**2.3**		**2.6**	
Benzyl chloride	NA	0.25	2.5	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U
Bromodichloromethane	NA	0.33	3.3	1	U	1	U	1	U	1	U	1	U
Bromoform	NA	11	110	1.6	U	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	0.58	U
Carbon disulfide	NA	310	3100	0.47	U	**9.3**		0.47	U	0.47	U	0.47	U
Carbon tetrachloride	0.81	2	20	**0.57**		**0.88**	J	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	0.69	U
Chloroethane	<0.25	4400	44000	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Chloroform	1.4	0.53	5.3	0.73	U	**0.59**	J	0.73	U	0.73	U	0.73	U
Chloromethane	3.3	39	390	**1.1**		0.31	U	0.31	U	**0.29**	J	0.31	U
Cis-1,2-Dichloroethene	<0.25	NA	NA	0.16	U	0.59	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	0.68	U
Cyclohexane	8.1	2600	26000	0.52	U	**8.9**		0.52	U	**5.4**	J	**3.7**	J
Dibromochloromethane	NA	NA	NA	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Dichlorodifluoromethane	15	44	440	**2.6**		**2.7**		**2.8**		**2.2**		**2.5**	
Ethyl acetate	NA	31	310	**0.47**	J	**14**		**9.4**		**12**	J	**7.8**	J
Ethylbenzene	7.4	4.9	49	0.65	U	**2.2**		**1.1**		**1.6**		**1.7**	
Heptane	7.7	NA	NA	**0.78**		**15**		**1.1**		**9.2**		**7.7**	
Hexachlorobutadiene	4.6	0.56	5.6	1.6	UJ	1.6	U	1.6	U	1.6	U	1.6	U
Hexane	18	310	3100	**1.8**		**19**		**1.8**		**6.6**	J	**9.5**	J
Isooctane	6.5	NA	NA	**1.4**		**2.3**		**1.4**		**4.2**		**3.6**	
Methyl Tertbutyl Ether	27	47	470	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Methylene chloride	22	1200	12000	**1**		**1.4**	J	**0.63**	J	**1**	J	**4.4**	J
Propylene	NA	1300	13000	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Styrene	1.3	440	4400	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U
Tetrachloroethene (PCE)*	2.9	47	470	1	U	1	U	**3.2**		**2.2**	J	**0.88**	J
Tetrahydrofuran	3.3	880	8800	0.44	U	0.44	U	**2.6**		**9.6**	J	0.44	UJ
Toluene	58	2200	22000	**1.8**		**14**		**7.5**		**12**		**13**	
trans-1,2-Dichloroethene	NA	NA	NA	0.59	U	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	0.68	U
Trichloroethene (TCE)*	0.48	3	30	0.16	U	0.81	U	0.81	U	0.81	U	0.81	U
Trichlorofluoromethane	17	NA	NA	**1.5**		**1.5**		**1.5**		**1.2**		**1.3**	
Vinyl acetate	NA	88	880	0.53	U	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	0.66	U
Vinyl chloride	<0.25	2.8	28	0.1	U	0.38	U	0.38	U	0.38	U	0.38	U
Xylene, o	7.6	44	440	0.65	U	**2.8**		**1.4**		**1.8**		**2**	
Xylenes (m&p)	12	NA	NA	**0.78**	J	**8.1**		**4**		**5.6**		**6.2**	

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 3/12/18
Checked By: CRS 3/12/18

Table 1: OU2 East SVI Results

				Building	Building 153		Building 153		Building 153		Building 153	
				Location	OU2E-153-IA100		OU2E-153-IA101		OU2E-153-IA102		OU2E-153-IA103	
				Sample Date	2/28/2018		2/28/2018		2/28/2018		2/28/2018	
				Sample ID	OU2E-153-IA100		OU2E-153-IA101		OU2E-153-IA102		OU2E-153-IA103	
				QC Code	FS		FS		FS		FS	
				Sample Type	Indoor Air		Indoor Air		Indoor Air		Indoor Air	
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	0.16	U	0.16	U	0.16	U
1,2,4-Trichlorobenzene	3.4	0.88	8.8		1.1	U	1.1	U	1.1	U	1.1	U
1,2,4-Trimethylbenzene	9.5	3.1	31		**1.3**		**1.2**		**2.3**		**1.8**	
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	U	0.9	U	0.9	U	0.9	U
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		**0.54**	J	0.74	U	**0.69**	J	0.74	U
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		**1.8**		**1.7**		**2.2**		**2.6**	
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	**1.9**		0.37	U
4-Ethyltoluene	NA	NA	NA		0.74	U	0.74	U	**0.59**	J	0.74	U
4-Methyl-2-pentanone	2.2	1300	13000		1.2	UJ	1.2	UJ	**0.57**	J	**0.53**	J
Acetone	110	14000	140000		**37**		**45**		**86**		**110**	
Allyl chloride	NA	2	20		0.47	U	0.47	U	0.47	U	0.47	U
Benzene	15	1.6	16		**1.5**		**1.6**		**4.2**		**2.4**	
Benzyl chloride	NA	0.25	2.5		0.86	U	0.86	U	0.86	U	0.86	U
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		**0.57**		**0.5**		**0.5**		**0.57**	
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		**0.87**		**1.3**		**0.83**		**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		**0.62**		**0.65**		**2.5**		**8.3**	
Dibromochloromethane	NA	NA	NA		1.3	U	1.3	U	1.3	U	1.3	U
Dichlorodifluoromethane	15	44	440		**2.6**		**2.7**		**2.8**		**2.6**	
Ethyl acetate	NA	31	310		**1.6**		**0.72**		0.54	U	**0.9**	
Ethylbenzene	7.4	4.9	49		**1**		**0.87**		**1.9**		**1.4**	
Heptane	7.7	NA	NA		**1.7**		**1.5**		**3.6**		**2.2**	
Hexachlorobutadiene	4.6	0.56	5.6		1.6	UJ	1.6	UJ	1.6	UJ	1.6	UJ
Hexane	18	310	3100		**4.4**		**5**		**13**		**6.4**	
Isooctane	6.5	NA	NA		**3.5**		**3.5**		**4.9**		**3.5**	
Methyl Tertbutyl Ether	27	47	470		0.54	U	0.54	U	0.54	U	0.54	U
Methylene chloride	22	1200	12000		**1.2**		**0.94**		**0.73**		**0.8**	
Propylene	NA	1300	13000		0.26	U	0.26	U	0.26	U	0.26	U
Styrene	1.3	440	4400		0.64	U	0.64	U	0.64	U	0.64	U
Tetrachloroethene (PCE)*	2.9	47	470		1	U	1	U	1	U	1	U
Tetrahydrofuran	3.3	880	8800		0.44	U	0.44	U	0.44	U	0.44	U
Toluene	58	2200	22000		**5.4**		**5.3**		**12**		**8.3**	
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		**1.3**		**1.5**		**3.4**		**1.4**	
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		**1.1**		**1**		**2.3**		**1.6**	
Xylenes (m&p)	12	NA	NA		**3**		**2.8**		**6.7**		**4.9**	

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 A
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 3/12/18
Checked By: CRS 3/12/18

Table 1: OU2 East SVI Results

Parameter	90th Percentile NY Background	Indoor Air USEPA RSL	Soil Vapor (RSL*10)	Building Location	Building 154	Building 154	Building 154	Building 154	Building 154
				Sample Date	OU2E-154-SV100 2/28/2018	OU2E-154-SV101 2/28/2018	OU2E-154-SV102 2/28/2018	OU2E-154-SV103 2/28/2018	OU2E-154-IA100 2/28/2018
				Sample ID	OU2E-154-SV100	OU2E-154-SV101	OU2E-154-SV102	OU2E-154-SV103	OU2E-154-IA100
				QC Code	FS	FS	FS	FS	FS
				Sample Type	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Indoor Air
					Result Qual	Result Qual	Result Qual	Result Qual	Result Qual
1,1,1-Trichloroethane	3.1	2200	22000		**3**	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 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 U
1,1,2-Trichloroethane	<0.25	0.77	7.7		0.82 U	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	0.61 U
1,1-Dichloroethene	<0.25	88	880		0.59 U	0.59 U	0.59 U	0.59 U	0.16 U
1,2,4-Trichlorobenzene	3.4	0.88	8.8		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	9.5	3.1	31		**6.9** J	**6.9** J	**9.3**	**7**	**8.4**
1,2-Dibromoethane	<0.25	0.02	0.2		1.2 U	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 U
1,2-Dichlorobenzene	0.72	88	8.8		0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,2-Dichloroethane	<0.25	0.47	4.7		0.61 U	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	0.69 U
1,3,5-Trimethylbenzene	3.6	NA	NA		**2.8**	**2.8**	**2**	**1.9**	**2.7**
1,3-Butadiene	4.6	0.41	4.1		0.33 U	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	0.9 U
1,4-Dichlorobenzene	1.3	1.1	11		0.9 U	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	1.1 UJ
2-Butanone	16	2200	22000		**9.1**	**10**	**11**	**11**	**3.6**
2-Hexanone	NA	13	130		1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
2-Propanol	NA	88	880		**3.4**	**4**	0.37 U	0.37 U	0.37 U
4-Ethyltoluene	NA	NA	NA		**3.2**	**3.3**	**2.5**	**2.4**	**2.9**
4-Methyl-2-pentanone	2.2	1300	13000		1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
Acetone	110	14000	140000		**33**	**30**	**26**	**22**	**19**
Allyl chloride	NA	2	20		0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Benzene	15	1.6	16		**2.6**	**2**	**1.9**	**2.1**	**2**
Benzyl chloride	NA	0.25	2.5		0.86 U	0.86 U	0.86 U	0.86 U	0.86 U
Bromodichloromethane	NA	0.33	3.3		1 U	1 U	1 U	1 U	1 U
Bromoform	NA	11	110		1.6 U	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	0.58 U
Carbon disulfide	NA	310	3100		**11**	**1.7**	**0.97**	0.47 U	0.47 U
Carbon tetrachloride	0.81	2	20		0.94 U	0.94 U	0.94 U	0.94 U	**0.5**
Chlorobenzene	<0.25	22	220		0.69 U	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	0.4 U
Chloroform	1.4	0.53	5.3		0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	3.3	39	390		0.31 U	0.31 U	**0.35**	0.31 U	**1.1**
Cis-1,2-Dichloroethene	<0.25	NA	NA		0.59 U	0.59 U	0.59 U	0.59 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	0.68 U
Cyclohexane	8.1	2600	26000		**3.6**	**6.3**	**0.69**	**1.1**	**0.76**
Dibromochloromethane	NA	NA	NA		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	15	44	440		**2.5**	**2.7**	**2.3**	**2.8**	**2.7**
Ethyl acetate	NA	31	310		**11**	**14**	**14**	**17**	0.54 U
Ethylbenzene	7.4	4.9	49		**6.6**	**6.3**	**5**	**6.3**	**5.4**
Heptane	7.7	NA	NA		**9**	**13**	**4**	**4.9**	**3.7**
Hexachlorobutadiene	4.6	0.56	5.6		1.6 U	1.6 U	1.6 U	1.6 U	1.6 UJ
Hexane	18	310	3100		**11**	**15**	**3.3**	**4.5**	**4.7**
Isooctane	6.5	NA	NA		**7**	**6.3**	**6.2**	**6.5**	**9.2**
Methyl Tertbutyl Ether	27	47	470		0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	22	1200	12000		**1.6** J	**0.87** J	**1** J	**0.87** J	**1.6**
Propylene	NA	1300	13000		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	1.3	440	4400		0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Tetrachloroethene (PCE)*	2.9	47	470		**5.8**	1 U	**1.8**	**4**	1 U
Tetrahydrofuran	3.3	880	8800		**6**	0.44 U	**4.1**	**4.9**	0.44 U
Toluene	58	2200	22000		**30**	**25**	**31**	**25**	**20**
trans-1,2-Dichloroethene	NA	NA	NA		0.59 U	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	0.68 U
Trichloroethene (TCE)*	0.48	3	30		**0.75** J	0.81 U	0.81 U	0.81 U	0.16 U
Trichlorofluoromethane	17	NA	NA		**1.5**	**1.5**	**1.2**	**1.6**	**1.4**
Vinyl acetate	NA	88	880		0.53 U	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	0.66 U
Vinyl chloride	<0.25	2.8	28		0.38 U	0.38 U	0.38 U	0.38 U	0.1 U
Xylene, o	7.6	44	440		**7.9**	**7.6**	**6.1**	**7**	**6.7**
Xylenes (m&p)	12	NA	NA		**17**	**15**	**19**	**15**	**14**

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 Intrusion Guidance Appendix C)
Indoor Air USEPA RSL (Regional Screening Level) = 2017 Composite Worker A 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 3/12/18
Checked By: CRS 3/12/18

Table 1: OU2 East SVI Results

Parameter	90th Percentile NY Background	Indoor Air USEPA RSL	Soil Vapor (RSL*10)	Building	Building 154	Building 154	Building 154	Building 154	Building 154
				Location	OU2E-154-IA101	OU2E-154-IA102	OU2E-154-IA103	OU2E-154-IA104	OU2E-154-IA104
				Sample Date	2/28/2018	2/28/2018	2/28/2018	2/28/2018	2/28/2018
				Sample ID	OU2E-154-IA101	OU2E-154-IA102	OU2E-154-IA103	OU2E-154-IA104	OU2E-154-IA105
				QC Code	FS	FS	FS	FS	FD
				Sample Type	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air
					Result Qual	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	0.82 U
1,1,2,2-Tetrachloroethane	<0.25	0.21	2.1		1 U	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 U
1,1,2-Trichloroethane	<0.25	0.77	7.7		0.82 U	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	0.61 U
1,1-Dichloroethene	<0.25	88	880		0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
1,2,4-Trichlorobenzene	3.4	0.88	8.8		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	9.5	3.1	31		**7.4**	**18**	**11**	**20**	**21**
1,2-Dibromoethane	<0.25	0.02	0.2		1.2 U	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 U
1,2-Dichlorobenzene	0.72	88	8.8		0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
1,2-Dichloroethane	<0.25	0.47	4.7		0.61 U	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	0.69 U
1,3,5-Trimethylbenzene	3.6	NA	NA		**2.7**	**6.9**	**3.5**	**7.9**	**7.4**
1,3-Butadiene	4.6	0.41	4.1		0.33 U	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	0.9 U
1,4-Dichlorobenzene	1.3	1.1	11		0.9 U	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	1.1 UJ
2-Butanone	16	2200	22000		**4.4**	**4.2**	**4.7**	**4**	**4.2**
2-Hexanone	NA	13	130		1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
2-Propanol	NA	88	880		0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
4-Ethyltoluene	NA	NA	NA		**3.1**	**5.7**	**4.1**	**6.3**	**6.5**
4-Methyl-2-pentanone	2.2	1300	13000		1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
Acetone	110	14000	140000		**19**	**25**	**22**	**28**	**33**
Allyl chloride	NA	2	20		0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Benzene	15	1.6	16		**2.3**	**2.5**	**2.5**	**2.2**	**2.3**
Benzyl chloride	NA	0.25	2.5		0.86 U	0.86 U	0.86 U	0.86 U	0.86 U
Bromodichloromethane	NA	0.33	3.3		1 U	1 U	1 U	1 U	1 U
Bromoform	NA	11	110		1.6 U	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	0.58 U
Carbon disulfide	NA	310	3100		0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon tetrachloride	0.81	2	20		**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Chlorobenzene	<0.25	22	220		0.69 U	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	0.4 U
Chloroform	1.4	0.53	5.3		0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloromethane	3.3	39	390		**1.2**	**1.3**	**1.2**	**0.93**	**1.2**
Cis-1,2-Dichloroethene	<0.25	NA	NA		0.16 U	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	0.68 U
Cyclohexane	8.1	2600	26000		**0.76**	**0.76**	**1**	**4.9** J	**0.76** J
Dibromochloromethane	NA	NA	NA		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Dichlorodifluoromethane	15	44	440		**2.7**	**2.5**	**2.8**	**2.7**	**2.7**
Ethyl acetate	NA	31	310		**1.7**	**1.2**	**2.5**	**1.1**	**1.1**
Ethylbenzene	7.4	4.9	49		**6.2**	**8.3**	**7**	**7.9**	**8.1**
Heptane	7.7	NA	NA		**4.7**	**11**	**4.8**	**29**	**29**
Hexachlorobutadiene	4.6	0.56	5.6		1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ	1.6 UJ
Hexane	18	310	3100		**5.5**	**5.7**	**5.7**	**5.5**	**5.5**
Isooctane	6.5	NA	NA		**12**	**13**	**12**	**11**	**11**
Methyl Tertbutyl Ether	27	47	470		0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Methylene chloride	22	1200	12000		**3.2**	**1.2**	**3.9**	**1.3**	**1.3**
Propylene	NA	1300	13000		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Styrene	1.3	440	4400		0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Tetrachloroethene (PCE)*	2.9	47	470		1 U	**1.8**	1 U	1 U	1 U
Tetrahydrofuran	3.3	880	8800		0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	58	2200	22000		**23**	**28**	**27**	**24**	**25**
trans-1,2-Dichloroethene	NA	NA	NA		0.59 U	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	0.68 U
Trichloroethene (TCE)*	0.48	3	30		0.16 U	**0.27**	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane	17	NA	NA		**1.5**	**1.5**	**1.4**	**1.5**	**1.5**
Vinyl acetate	NA	88	880		0.53 U	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	0.66 U
Vinyl chloride	<0.25	2.8	28		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Xylene, o	7.6	44	440		**7.1**	**8.7**	**8.6**	**8.7**	**9.1**
Xylenes (m&p)	12	NA	NA		**14**	**23**	**17**	**22**	**23**

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 A
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 3/12/18
Checked By: CRS 3/12/18

Table 1: OU2 East SVI Results

Parameter	90th Percentile NY Background	Indoor Air USEPA RSL	Soil Vapor (RSL*10)	Building Location / Sample Date / Sample ID / QC Code / Sample Type: Laboratory / OU2E-LAB-SV100 / 2/28/2018 / OU2E-LAB-SV100 / FS / Soil Vapor		Laboratory / OU2E-LAB-SV101 / 2/28/2018 / OU2E-LAB-SV101 / FS / Soil Vapor		Laboratory / OU2E-LAB-IA100 / 2/28/2018 / OU2E-LAB-IA100 / FS / Indoor Air		Laboratory / OU2E-LAB-IA101 / 2/28/2018 / OU2E-LAB-IA101 / FS / Indoor Air		Laboratory / OU2E-LAB-IA101 / 2/28/2018 / OU2E-LAB-IA102 / FD / Indoor Air	
				Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane	3.1	2200	22000	**0.82**		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	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.8	13000	130000	**37**		**6.4**		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	0.82	U
1,1-Dichloroethane	<0.25	7.7	77	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	<0.25	88	880	0.59	U	0.59	U	0.16	U	0.16	U	0.16	U
1,2,4-Trichlorobenzene	3.4	0.88	8.8	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
1,2,4-Trimethylbenzene	9.5	3.1	31	**0.64**	J	**0.69**	J	0.74	U	0.74	U	0.74	U
1,2-Dibromoethane	<0.25	0.02	0.2	1.2	U	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	U
1,2-Dichlorobenzene	0.72	88	8.8	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
1,2-Dichloroethane	<0.25	0.47	4.7	0.61	U	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	0.69	U
1,3,5-Trimethylbenzene	3.6	NA	NA	0.74	U	0.74	U	0.74	U	0.74	U	0.74	U
1,3-Butadiene	4.6	0.41	4.1	0.33	U	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	0.9	U
1,4-Dichlorobenzene	1.3	1.1	11	0.9	U	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	1.1	UJ
2-Butanone	16	2200	22000	**69**	J	**33**		**1.7**		**1.2**		**1.2**	
2-Hexanone	NA	13	130	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	NA	88	880	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
4-Ethyltoluene	NA	NA	NA	0.74	U	0.74	U	0.74	U	0.74	U	0.74	U
4-Methyl-2-pentanone	2.2	1300	13000	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ
Acetone	110	14000	140000	**110**		**110**		**15**		**19**		**16**	
Allyl chloride	NA	2	20	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
Benzene	15	1.6	16	**3**		**6.4**		**0.8**		**0.77**		**0.8**	
Benzyl chloride	NA	0.25	2.5	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U
Bromodichloromethane	NA	0.33	3.3	1	U	1	U	1	U	1	U	1	U
Bromoform	NA	11	110	1.6	U	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	0.58	U
Carbon disulfide	NA	310	3100	**3.8**		**3.1**		0.47	U	0.47	U	0.47	U
Carbon tetrachloride	0.81	2	20	**1**		0.94	U	**0.5**		**0.5**		**0.57**	
Chlorobenzene	<0.25	22	220	0.69	U	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	0.4	U
Chloroform	1.4	0.53	5.3	**38**		**4.2**		0.73	U	0.73	U	0.73	U
Chloromethane	3.3	39	390	**0.25**	J	0.31	U	**1.1**		**1.2**		**1.1**	
Cis-1,2-Dichloroethene	<0.25	NA	NA	**0.99**		0.59	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	0.68	U
Cyclohexane	8.1	2600	26000	**6.8**		**15**		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	1.3	U
Dichlorodifluoromethane	15	44	440	**2.6**		**2.7**		**2.7**		**2.7**		**2.6**	
Ethyl acetate	NA	31	310	**8.1**		**7**		**0.68**		**0.43**	J	**0.54**	
Ethylbenzene	7.4	4.9	49	**0.65**		**0.69**		0.65	U	0.65	U	0.65	U
Heptane	7.7	NA	NA	**17**		**20**		**0.61**		**0.66**		**0.61**	
Hexachlorobutadiene	4.6	0.56	5.6	1.6	U	1.6	U	1.6	UJ	1.6	UJ	1.6	UJ
Hexane	18	310	3100	**26**		**33**		**1.7**		**1.8**		**1.6**	
Isooctane	6.5	NA	NA	**9.7**		**3.8**		**1.2**		**1.3**		**1.3**	
Methyl Tertbutyl Ether	27	47	470	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Methylene chloride	22	1200	12000	**1**	J	**0.73**	J	**0.63**		**0.73**		**0.8**	
Propylene	NA	1300	13000	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Styrene	1.3	440	4400	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U
Tetrachloroethene (PCE)*	2.9	47	470	**1.5**		**0.88**	J	1	U	1	U	1	U
Tetrahydrofuran	3.3	880	8800	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
Toluene	58	2200	22000	**6.9**		**11**		**1.8**		**1.7**		**1.7**	
trans-1,2-Dichloroethene	NA	NA	NA	0.59	U	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	0.68	U
Trichloroethene (TCE)*	0.48	3	30	**12**		**2.1**		0.16	U	0.16	U	0.16	U
Trichlorofluoromethane	17	NA	NA	**1.6**		**1.6**		**1.3**		**1.5**		**1.5**	
Vinyl acetate	NA	88	880	0.53	U	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	0.66	U
Vinyl chloride	<0.25	2.8	28	0.38	U	0.38	U	0.1	U	0.1	U	0.1	U
Xylene, o	7.6	44	440	**0.65**		**0.74**		0.65	U	0.65	U	0.65	U
Xylenes (m&p)	12	NA	NA	**2**		**2.1**		**0.74**	J	**0.65**	J	**0.65**	J

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 Intrusion Guidance Appendix C)
Indoor Air USEPA RSL (Regional Screening Level) = 2017 Composite Worker A 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 3/12/18
Checked By: CRS 3/12/18

ATTACHMENT 1

Field Data Records

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: 153 Address: Building 153 (GES)

Sampling Information ✓ ~~✓~~ 3-16-18 (7 pages)

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

Sample Collection Date: 2/28/18 ~~3-16-18~~ Date Samples Sent To Lab: 2-28-18

Sample Chain of Custody Number: C1803003 Outdoor Air Sample Location ID: OU2E-OUT-AA100

SUMMA Canister Information

	OU2E-153	OU2E-153	OU2E-153	OU2E-153	OU2E-153
Sample ID:	SV100	IA100	SV101	IA101	IA102
Location Code:	file room	office	existing p-t		
Location Type:	Sub Slab	Indoor Air	Sub Slab	Indoor Air	Indoor Air
Canister ID:	286	552	106	85	290
Regulator ID:	450	453	388	399	374
Matrix:	N/A	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:	02272018 1316	02272018 1315	02272018 1320	02272018 1317	02272018 1305
Vacuum Gauge Start:	30	30	30+	30	30
Sample End Date/Time:	02282018 1329	02282018 1400	02282018 1330	02282018 1330	02282018 1334
Vacuum Gauge End:	3	1	2	3	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:	1130	NA	0	NA	NA
Purge PID Unit:	ppb	NA	ppb	NA	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

2/2

Building Code: 153 Address: Building 153

Sampling Information

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

Sample Collection Date: 2/28/18 ~~3-16-18~~ Date Samples Sent To Lab: 2-28-18

Sample Chain of Custody Number: C1803003 Outdoor Air Sample Location ID: OU2E-OUT-AA100

SUMMA Canister Information

	OU2E-153	OU2E-153	OU2E-153	OU2E-OUT	
Sample ID:	IA103	SV102	SV103	AA100	NA
Location Code:	~~Ent~~ NA	NA	NA	NA	NA
Location Type:	Indoor Air	Sub Slab	Sub Slab SV102 Dup	Ambient	NA
Canister ID:	567	101 ~~496~~	~~98~~ 163	223	NA
Regulator ID:	439	433 ~~400~~	~~400~~ 396	1164	NA
Matrix:	NA	NA	NA	NA	NA
Sampling Method:	Summa	Summa	Summa	Summa	NA

Regulator 400 Malfunctioned
New cans used w/ seperate regulators

Sampling Area Info

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

Sample Times and Vacuum Readings

Sample Start Date/Time:	02272018 1327	02272018 ~~1404~~ 1455	02272018 ~~1404~~ 1455	02272018 1358	NA
Vacuum Gauge Start:	30+	~~27.5~~ 30	~~27.5~~ 28	~~30+~~ 28	NA
Sample End Date/Time:	02282018 1326	02282018 1336	02282018 1336	02282018 1340	NA
Vacuum Gauge End:	4	0	0	0	NA
Sample Duration (hrs):	24	24	24	24	NA
Vacuum Gauge Unit:	in Hg	in Hg	in Hg	in Hg	NA

Sample QA/QC Readings

Vapor Port Purge:	☐	☑	☑	☐	☐
Purge PID Reading:	NA	600	600	NA	NA
Purge PID Unit:	NA	ppb	ppb	NA	NA
Tracer Test Pass:	☐	☑	☑	☐	☐

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

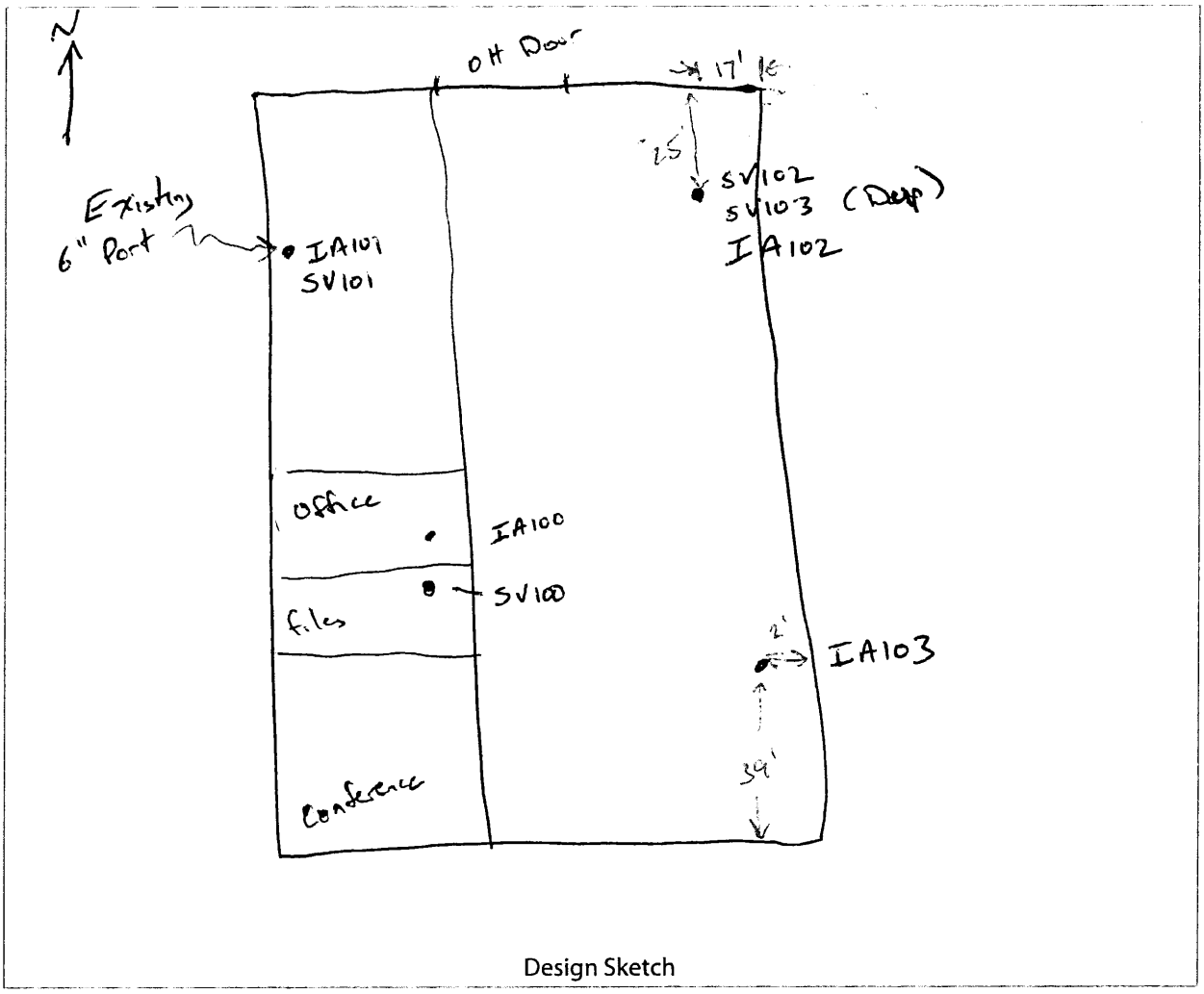
Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Building 153 (GES)

Please click the box with the blue border below to upload a sketch of the lowest building level . 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 sket
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

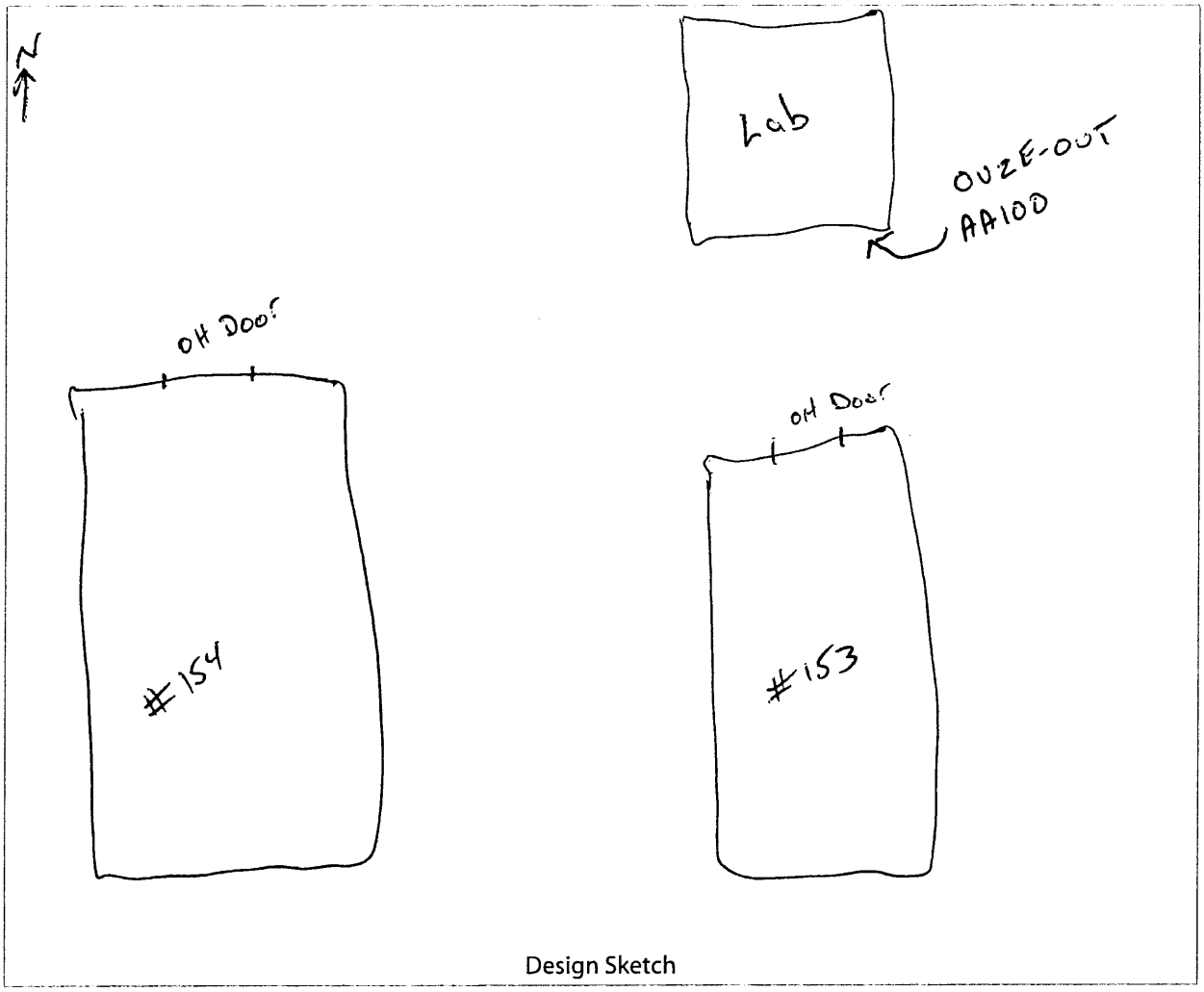
B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	**xxxxxxx**	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	**######**	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● FFET-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 Termnl Site Code: 153 Operable Unit: OU 2E

Building Code: 153 Building Name: Building 153 (GES)

Address: 625 Elk st Apt/Suite No: —

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

Contact Information

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

Preparer's Affiliation: Amec FW Company Code:

Purpose of Investigation: Soil Vapor & Indoor Air Sampling Date of Inspection: 2/28/2018

Contact Name: Tom Beatty Affiliation: Buckeye

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

Number of Occupants (total): 1 - 4 Number of Children: NA

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

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

Owner Mailing Address: NA

Building Details

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

If Commercial or Industrial Facility, Select Operations: Field office & equip storage

If Residential Select Structure Type:

Number of Floors: 1 Approx. Year Construction: NA ☐ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests): Bay door in North typically open often

Foundation Description

Foundation Type: Slab on Grade Foundation Depth (bgs): Unit: FEET

Foundation Floor Material: Concrete Foundation Floor Thickness: 6

Foundation Wall Material: Concrete Foundation Wall Thickness: Unit: INCHES

☐ Floor penetrations? Describe Floor Penetrations: NA

☐ Wall penetrations? Describe Wall Penetrations: NA

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: Hot 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: 153 Operable Unit: OU2

Building Code: 153 Building Name: Building 153 (GES)

Address: 625 Elk St Apt/Suite No: —

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

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: working hours 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: NA

☐ 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: NA

☐ 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:

Building used as field office for Maintenance of environmental monitoring & remediation

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

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

Sampling Conditions

Weather Conditions: Sunny Outdoor Temperature: 70 °F

Current Building Use: Commercial 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: Building 153 (GES) Bldg Code: 153 Date: 2/28/18

Bldg Address: 625 Elk Street Apt/Suite No: —

Bldg City/State/Zip: Buffalo, NY

Make and Model of PID: ppbRAE 3000 Date of Calibration: 2/28/18

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Shop	Cryo-Tek 100	1 gal	Used	Antifreeze	0	☐
	Rustoleum C740 System Alkyd Enamel	1 qt	New			☐
	WD40	6 12 oz cans	New			☐
	PB Blaster	12 12 oz cans	New			☐
	ZEP ID Red	1 13 oz	Used	Industrial Degreaser		☐
	Round up	55 gal	Used	Weed killer in over pack drum		☐
	Gasoline	~ 20 gal	Used	Mowers, weedwackers for generators, etc.	0	☐
Near IA103	Thread cutting oil	1 gal	Used	Nu-clear / Ridgid	0	☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* 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? ☐ No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Building Code: 154 Address: Building ~~140~~ 154 (Buckeye)

Sampling Information

✓ 3-16-18 (6 pages)

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

Sample Collection Date: 2/28/18 3-16-18 Date Samples Sent To Lab: 2-28-18

Sample Chain of Custody Number: C1803003 Outdoor Air Sample Location ID: OU2E-OUT-AA100

SUMMA Canister Information

Sample ID:	OU2E-154-SV100	OU2E-154-IA100	OU2E-154-SV101	OU2E-154-IA101	OU2E-154-SV102
Location Code:	NA	NA	NA	NA	NA
Location Type:	Sub Slab	Indoor Air	Sub Slab	Indoor	Sub Slab
Canister ID:	158	544	367	89	1182
Regulator ID:	447	393	432	449	387
Matrix:	NA	NA	NA	NA	NA
Sampling Method:	Summa	Summa	Summa	Summa	Summa

Sampling Area Info

Slab Thickness (inches):	8"	NA	8"	NA	re-using 8" existing sample location
Sub-Slab Material:	NA	NA	NA	NA	
Sub-Slab Moisture:	NA	NA	NA	NA	NA
Seal Type:	clay	NA	clay	NA	clay
Seal Adequate?:	☑	☐	☑	☐	☑

Sample Times and Vacuum Readings

Sample Start Date/Time:	02272018 1150	02272018 1147	02272018 1155	02272018 1153	02272018 1205
Vacuum Gauge Start:	30+	30+	30+	29.5	29.5
Sample End Date/Time:	02282018 1139	02282018 1138	02282018 1137	02282018 1136	02282018 1142
Vacuum Gauge End:	1.5	3	1.5	2.5	11.5
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	NA	0	NA	0
Purge PID Unit:	ppb	NA	ppb	NA	ppb
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

Building Code: 154 Address: Building 154 (Buckeye)

Sampling Information

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

Sample Collection Date: 2-28-18 Date Samples Sent To Lab: 2-28-18

Sample Chain of Custody Number: C1803003 Outdoor Air Sample Location ID: OU2E-OUT-AA100

SUMMA Canister Information

Sample ID:	OU2E-154-IA102	OU2E-154 -SV103	OU2E-154 -IA103	OU2E-154 -IA104	OU2E-154 -IA105
Location Code:	Breakroom	Lab	Lab	office	office
Location Type:	Indoor Air	Sub Slab	Indoor Air	Indoor Air	Dup of IA104
Canister ID:	236	327	1289	358	568
Regulator ID:	1165	452	402	1152	446
Matrix:	NA	NA	NA	NA	NA
Sampling Method:	Summa	Summa	Summa	Summa	Summa

Sampling Area Info

Slab Thickness (inches):	NA	8"	NA	NA	NA
Sub-Slab Material:	NA	NA	NA	NA	NA
Sub-Slab Moisture:	NA	NA	NA	NA	NA
Seal Type:	NA	Clay	NA	NA	NA
Seal Adequate?:	☐	☑	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	02272018 1201	02272018 1211	02272018 1207	02272018 1218	02272018 1218
Vacuum Gauge Start:	30+	30+	27	27.5	30+
Sample End Date/Time:	02282018 1140	02282018 1131	02282018 1132	02282018 1145	02282018 1145
Vacuum Gauge End:	4	2.5	0	0	3
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:	NA	0	NA	NA	NA
Purge PID Unit:	NA	ppb	NA	NA	NA
Tracer Test Pass:	☐	☐	☐	☐	☐

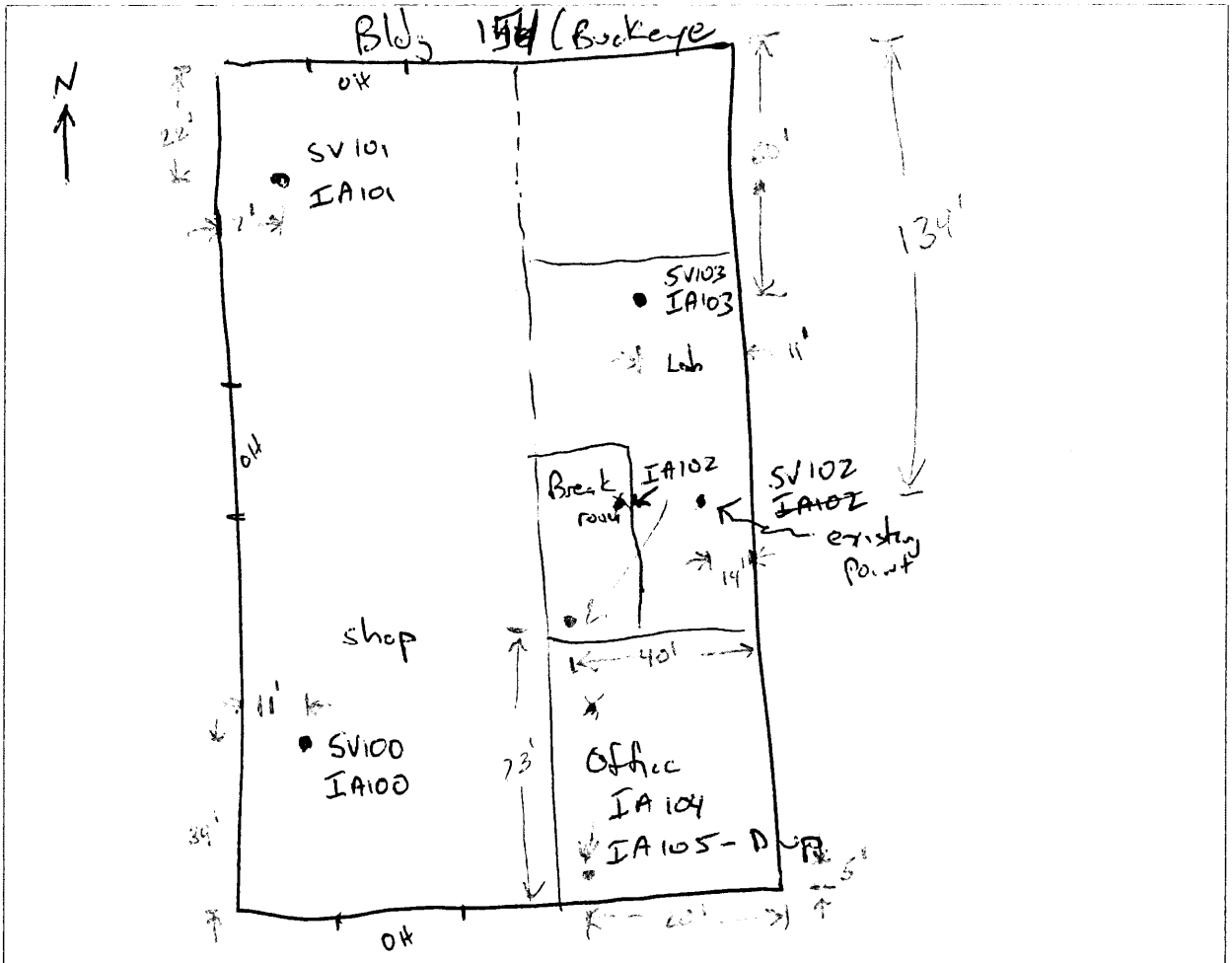
Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM

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

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level . 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 Mobil Former Buffalo Termin Site Code: 154 Operable Unit: OU2E

Building Code: 154 Building Name: 154 (Buckeye)

Address: 625 Elk st Apt/Suite No: —

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

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: working hours 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: NA

☐ 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: NA

☐ 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:

Large Maintenance shop. Currently used infrequently. (Salt storage)
Small lab in east where they adjust fuel additives (Neo-Hexane used for tests)

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

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

Sampling Conditions

Weather Conditions: Sunny Outdoor Temperature: 40 °F

Current Building Use: Commercial 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

Site Name: Exxon Mobil Former Buffalo Terminal Site Code: 154 Operable Unit: OU2E

Building Code: 154 Building Name: 154 (Buckeye)

Address: 625 Elk 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: ~~Air~~ Soil Vapor & Indoor Air Monitoring Date of Inspection: 2/28/2018

Contact Name: Tom Beatty Affiliation: Buckeye

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

Number of Occupants (total): 1-3 Number of Children: NA

☑ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?

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

Owner Mailing Address: NA

Building Details

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

If Commercial or Industrial Facility, Select Operations: Shop

If Residential Select Structure Type: NA

Number of Floors: 1 Approx. Year Construction: NA ☐ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Part of building, an office area, part a shop area. shop sees little use.

Foundation Description

Foundation Type: Slab on Grade Foundation Depth (bgs): Unit: FEET

Foundation Floor Material: Concrete Foundation Floor Thickness: 8

Foundation Wall Material: Concrete Foundation Wall Thickness: NA Unit: INCHES

☐ Floor penetrations? Describe Floor Penetrations: NA

☐ Wall penetrations? Describe Wall Penetrations: NA

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

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

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

Heating/Cooling/Ventilation Systems

Heating System: Natural Gas - Hot Air Heat Fuel Type: Nat 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

PRODUCT INVENTORY

Building Name: Building 154 (Buckeye) Bldg Code: Date: 2/28/2018

Bldg Address: 625 Elk St Apt/Suite No: —

Bldg City/State/Zip: Buffalo, NY

Make and Model of PID: ppbRAE 3000 Date of Calibration: 2/28/2018

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Souther shop	3 buckets w/gas soaked rags		open container	Gasoline	1600 ppb	☐
shop	Hydraulic Cement	5 gal	Used		0	☐
	Oxy acetelyn torch	4' Cylinder	Used	O2 Acetylene	0	☐
	Propane	2 ~~20~~ lb	Used propane Tanks	Propane	0	☐
shop Near IA101	Unisol liquid Rej BK-50	4 50 gal	Used Drums	Kerosene, Xylenes	46 Ø	☐
shop	Universal Gold 1%/3%	10 5gal containers	New	Varies Firefighting agent	0	☐
	Glykool EGV	6 55gal drum	New	Not listed	0	☐
	John Zink Z-Seal Fluid	4 55gal drums	New	Not listed	0	☐
	Neo Hexane	?	?	reported to be used in lab near IA103	Not Found	☐
	Diesel + Gas equipment					☐
	No Photos allowed in Building					☐
						☐
						☐
						☐
						☐
						☐

* 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?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

1/1

Building Code: Laboratory Address: OU2E - Laboratory

Sampling Information

✓ 3-16-18 (5 pages)

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

Sample Collection Date: 2/28/18 3-16-18 Date Samples Sent To Lab: 2-28-18

Sample Chain of Custody Number: C1803003 Outdoor Air Sample Location ID: OU2E-OUT-AA100

SUMMA Canister Information

	OU2E-LAB	OU2E-LAB	OU2E-LAB	OU2E-LAB	OU2E-LAB
Sample ID:	SV100	IA100	SV101	~~SV~~ IA101	IA102
Location Code:					Dupe of 101
Location Type:	Sub Slab	Indoor Air	Sub Slab	Indoor Air	Indoor Air
Canister ID:	336	1317	1183	93	232
Regulator ID:	1168	1160	372	378	434
Matrix:					
Sampling Method:	Summa	Summa	Summa	Summa	Summa

Sampling Area Info

Slab Thickness (inches):	6"	NA	6"	NA	NA
Sub-Slab Material:	~~Concrete~~	NA	~~Concrete~~	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:	02272018 1430	02272018 1420	02272018 1440	02272018 1425	02272018 1425
Vacuum Gauge Start:	29	30	30+	30	30
Sample End Date/Time:	02282018 1355	02282018 1354	02282018 1410	02282018 1400	02282018 1400
Vacuum Gauge End:	8	0	3	2.5	2.5
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:	~~1~~ 1500	NA	~~1~~ 1725	NA	NA
Purge PID Unit:	ppb	NA	ppb	NA	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

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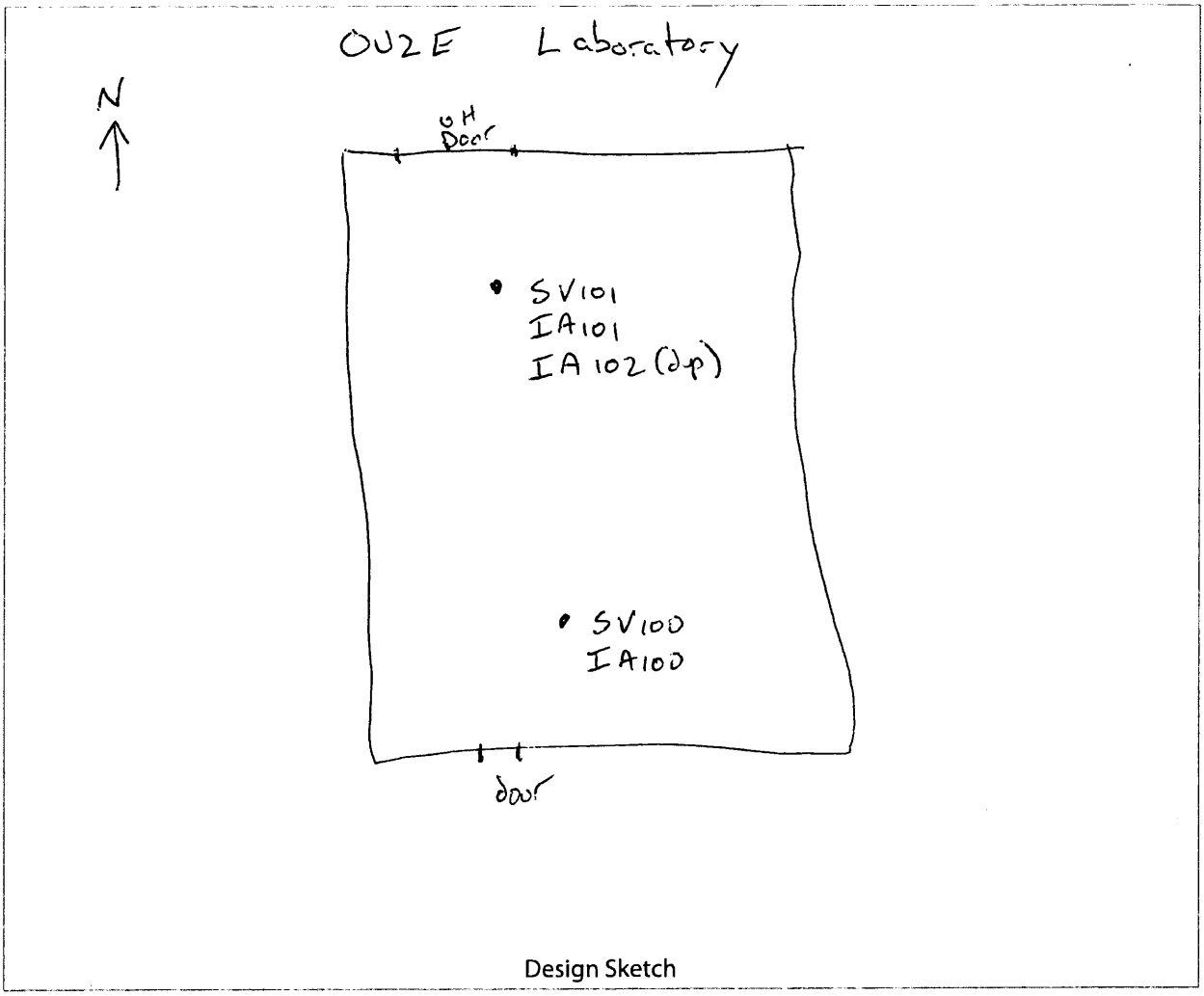

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S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

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

PRODUCT INVENTORY

Building Name: Laboratory Bldg Code: Laboratory Date: 2/28/18

Bldg Address: 625 E/K Apt/Suite No: —

Bldg City/State/Zip: Buffalo NY

Make and Model of PID: ppb RAE 3000 Date of Calibration: 2/28/18

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
	No Product Inventory in Lab				NA	☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* 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? No ☐ Products with COC?

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Exxon Mobile Former Buffalo Terminal Site Code: NA Operable Unit: 002

Building Code: Laboratory Building Name: Lab

Address: 625 Elk St Apt/Suite No: —

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

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: Never 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: NA

☐ 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: NA

☐ 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:

Vacant Lab w/ Materials removed.

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

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

Sampling Conditions

Weather Conditions: Sunny Outdoor Temperature: 40 °F

Current Building Use: Vacant 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

Site Name: Exxon Mobil Former Buffalo Terminal Site Code: NA Operable Unit: OU2

Building Code: Laboratory Building Name: Laboratory

Address: 625 Elk St Apt/Suite No: —

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

Contact Information

Preparer's Name: John Luthyer Phone No: 716 998 6572

Preparer's Affiliation: Amec FW Company Code:

Purpose of Investigation: Soil Vapor & Indoor Air Sampling Date of Inspection: 2/28/2018

Contact Name: Tom Beatty Affiliation: Buckeye

Phone No: ? Alt. Phone No: ? Email: ?

Number of Occupants (total): 0 Number of Children: NA

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

Owner Name (if different): Buckeye Petroleum Owner Phone: ?

Owner Mailing Address: ?

Building Details

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

If Commercial or Industrial Facility, Select Operations: Former Lab

If Residential Select Structure Type:

Number of Floors: 1 Approx. Year Construction: ? ☐ Building Insulated? ☐ Attached Garage?

Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Building Vacant. Poor Condition

Foundation Description

Foundation Type: Concrete Slab on Grade Foundation Depth (bgs): 0 Unit: FEET

Foundation Floor Material: Concrete Foundation Floor Thickness: 6 Unit: INCHES

Foundation Wall Material: ? Foundation Wall Thickness: NA

☐ Floor penetrations? Describe Floor Penetrations: NA

☐ Wall penetrations? Describe Wall Penetrations: NA

Basement is: — Basement is: — ☐ 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: None Heat Fuel Type: NA ☐ 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

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: C1803003
Sample IDs: OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-154-IA100, OU2E-154-IA101, OU2E-154-IA102, OU2E-154-IA103, OU2E-154-IA104, OU2E-154-IA105, OU2E-153-SV100, OU2E-153-SV101, OU2E-153-SV102, OU2E-153-SV103, OU2E-153-IA100, OU2E-153-IA101, OU2E-153-IA102, OU2E-153-IA103, OU2E-LAB-SV100, OU2E-LAB-SV101, OU2E-LAB-IA100, OU2E-LAB-IA101, OU2E-LAB-IA102, and OU2E-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 samples OU2E-153-IA100, OU2E-153-IA101, OU2E-153-IA102, OU2E-153-IA103, OU2E-154-IA100, OU2E-154-IA101, OU2E-154-IA102, OU2E-154-IA103, OU2E-154-IA104, OU2E-154-IA105, OU2E-LAB-IA100, OU2E-LAB-IA101, OU2E-LAB-IA102, and OU2E-OUT-AA100 were below acceptance criteria for 1,4-dioxane (60%/32%), hexachlorobutadiene (LCSD 63%), 2-hexanone (LCSD 29%), and 4-methyl-2-pentanone (67%/20%). UJ/J-qualify 1,4-dioxane, hexachlorobutadiene, 2-hexanone, and 4-methyl-2-pentanone in associated samples due to the potential low bias. (UJ/J-LCS-L) The LCS/LCSD RPDs associated with samples OU2E-153-IA100, OU2E-153-IA101, OU2E-153-IA102, OU2E-153-IA103, OU2E-154-IA100, OU2E-154-IA101, OU2E-154-IA102, OU2E-154-IA103, OU2E-154-IA104, OU2E-154-IA105, OU2E-LAB-IA100, OU2E-LAB-IA101, OU2E-LAB-IA102, and OU2E-OUT-AA100 were outside of acceptance criteria for 1,4-dioxane (60.9%). All associated samples were ND for 1,4-dioxane and not impacted by the imprecision. The LCSD recoveries associated with samples OU2E-153-SV100, OU2E-153-SV101, OU2E-153-SV102, OU2E-153-SV103, OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-LAB-SV100, OU2E-LAB-SV101 and dilutions of samples OU2E-153-IA100, OU2E-153-IA101, OU2E-153-IA102, OU2E-153-IA103, OU2E-154-IA100, OU2E-154-IA101, OU2E-154-IA102, OU2E-154-IA103, OU2E-154-IA104, and OU2E-154-IA105 were below acceptance criteria for 1,4-dioxane (59%), 2-hexanone (54%), and 4-methyl-2-pentanone (45%). UJ-qualify 1,4-dioxane, 2-hexanone, and 4-methyl-2-pentanone in associated samples OU2E-153-SV100, OU2E-153-SV101, OU2E-153-SV102, OU2E-153-SV103, OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-LAB-SV100, and OU2E-LAB-SV101 due to the potential low bias. (UJ/J-LCS-L) The LCS/LCSD RPDs associated with samples OU2E-153-SV100, OU2E-153-SV101, OU2E-153-SV102, OU2E-153-SV103, OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-LAB-SV100, OU2E-LAB-SV101 and dilutions of samples OU2E-153-IA100, OU2E-153-IA101, OU2E-153-IA102, OU2E-153-IA103, OU2E-154-IA100, OU2E-154-IA101, OU2E-154-IA102, OU2E-154-IA103, OU2E-154-IA104, and OU2E-154-IA105 were outside of acceptance criteria for 1,4-dioxane at 50.6%, allyl chloride (43.1%), 2-hexanone (51%), 4-methyl-2-pentanone (72.3%), and methylene chloride (46.8%). J-qualify detected methylene chloride in samples OU2E-153-SV100, OU2E-153-SV101, OU2E-

Data Reviewed	Analysis
	EPA TO-15
	153-SV102, OU2E-153-SV103, OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-LAB-SV100, and OU2E-LAB-SV101 due to the imprecision. (J-LCS-RPD) 1,4-Dioxane, allyl chloride, 2-hexanone, and 4-methyl-2-pentanone were either ND or reported from a different run and not impacted by the imprecision. No qualifications are necessary. The LCSD recovery associated with the 10X dilution of samples OU2E-153-SV100, OU2E-153-SV101, OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-LAB-IA100, OU2E-LAB-IA101, OU2E-LAB-IA102, OU2E-OUT-AA100, and the 9X and 90X dilution of samples OU2E-153-SV102, OU2E-153-SV103, OU2E-LAB-SV100, and OU2E-LAB-SV101 was outside of acceptance criteria for 1,4-dioxane (30%), 2-hexanone (29%), and 4-methyl-2-pentanone (23%). These analytes were not reported from these dilutions and results were not impacted by the potential low bias. No qualifications are necessary. The LCS/LCSD RPD associated with the 10X dilution of samples OU2E-153-SV100, OU2E-153-SV101, OU2E-154-SV100, OU2E-154-SV101, OU2E-154-SV102, OU2E-154-SV103, OU2E-LAB-IA100, OU2E-LAB-IA101, OU2E-LAB-IA102, OU2E-OUT-AA100, and the 9X and 90X dilutions of samples OU2E-153-SV102, OU2E-153-SV103, OU2E-LAB-SV100 and OU2E-LAB-SV101 was outside of acceptance criteria for 1,4-dioxane (110%). 1,4-Dioxane was not reported from the associated sample dilutions and results were not impacted by the imprecision. No qualifications are necessary.
Field Duplicates	Sample OU2E-153-SV103 was submitted as a field duplicate of sample OU2E-153-SV102. The RPDs were elevated for 1,1,1-trichloroethane (62%), 1,2,4-trimethylbenzene (59%), 2-butanone (47%), acetone (58%), cyclohexane (37%), ethyl acetate (42%), hexane (36%), methylene chloride (126%), tetrachloroethene (85%). J-qualify 1,1,1-trichloroethane, 1,2,4-trimethylbenzene, 2-butanone, acetone, cyclohexane, ethyl acetate, hexane, and tetrachloroethene in samples OU2E-153-SV102 and OU2E-153-SV103 due to the imprecision. (J-FD) Tetrahydrofuran was detected in sample OU2E-153-SV102 >2X the RL and ND in the field duplicate OU2E-153-SV102. UJ/J-qualify tetrahydrofuran in both samples due to the imprecision. (UJ/J-FD) Sample OU2E-154-IA105 was submitted as a field duplicate of sample OU2E-154-IA104. The RPD is elevated for cyclohexane at 146%. J-qualify cyclohexane in both samples due to the imprecision. (UJ/J-FD) Sample OU2E-LAB-IA102 was submitted as a field duplicate of sample OU2E-LAB-IA101. √
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.

Data Reviewed	Analysis
	EPA TO-15
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 locations OU2E-154-SV100, OU2E-LAB-SV100, OU2E-153-SV102, and OU2E-153-SV103 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
FD = Field duplicate RPD above limit

Data Reviewer: Elizabeth Penta
Senior Reviewer: Denise King
Date: 03/28/2018

Centek Laboratories, LLC

Date: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV100
Lab Order:	C1803003	**Tag Number:**	158.447
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	0.55	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,2,4-Trimethylbenzene	1.4	1.5	J	ppbV	10	3/3/2018 8:02:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,3,5-Trimethylbenzene	0.57	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 9:29:00 PM
2,2,4-trimethylpentane	1.5	0.15		ppbV	1	3/2/2018 9:29:00 PM
4-ethyltoluene	0.66	0.15		ppbV	1	3/2/2018 9:29:00 PM
Acetone	14	3.0		ppbV	10	3/3/2018 8:02:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Benzene	0.81	0.15		ppbV	1	3/2/2018 9:29:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Carbon disulfide	3.5	1.5		ppbV	10	3/3/2018 8:02:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Cyclohexane	1.0	0.15		ppbV	1	3/2/2018 9:29:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Ethyl acetate	3.1	1.5		ppbV	10	3/3/2018 8:02:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV100
Lab Order:	C1803003	**Tag Number:**	158447
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				**Analyst: RJP**
Ethylbenzene	1.5	0.15		ppbV	1	3/2/2018 9:29:00 PM
Freon 11	0.27	0.15		ppbV	1	3/2/2018 9:29:00 PM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Freon 12	0.51	0.15		ppbV	1	3/2/2018 9:29:00 PM
Heptane	2.2	1.5		ppbV	10	3/3/2018 8:02:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Hexane	3.0	1.5		ppbV	10	3/3/2018 8:02:00 PM
Isopropyl alcohol	1.4	0.15		ppbV	1	3/2/2018 9:29:00 PM
m&p-Xylene	3.9	3.0		ppbV	10	3/3/2018 8:02:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 9:29:00 PM
Methyl Ethyl Ketone	3.1	3.0		ppbV	10	3/3/2018 8:02:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 9:29:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Methylene chloride	0.45	0.15		ppbV	1	3/2/2018 9:29:00 PM
o-Xylene	1.8	0.15		ppbV	1	3/2/2018 9:29:00 PM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Tetrachloroethylene	0.86	0.15		ppbV	1	3/2/2018 9:29:00 PM
Tetrahydrofuran	2.0	0.15		ppbV	1	3/2/2018 9:29:00 PM
Toluene	7.9	1.5		ppbV	10	3/3/2018 8:02:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Trichloroethene	0.14	0.15	J	ppbV	1	3/2/2018 9:29:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 9:29:00 PM
Surr: Bromofluorobenzene	102	70-130		%REC	1	3/2/2018 9:29:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV100
Lab Order:	C1803003	**Tag Number:**	158.447
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	3.0	0.82		ug/m3	1	3/2/2018 9:29:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 9:29:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 9:29:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 9:29:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 9:29:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 9:29:00 PM
1,2,4-Trimethylbenzene	6.9	7.4	J	ug/m3	10	3/3/2018 8:02:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 9:29:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 9:29:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 9:29:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 9:29:00 PM
1,3,5-Trimethylbenzene	2.8	0.74		ug/m3	1	3/2/2018 9:29:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 9:29:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 9:29:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 9:29:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/2/2018 9:29:00 PM
2,2,4-trimethylpentane	7.0	0.70		ug/m3	1	3/2/2018 9:29:00 PM
4-ethyltoluene	3.2	0.74		ug/m3	1	3/2/2018 9:29:00 PM
Acetone	33	7.1		ug/m3	10	3/3/2018 8:02:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 9:29:00 PM
Benzene	2.6	0.48		ug/m3	1	3/2/2018 9:29:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 9:29:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 9:29:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 9:29:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 9:29:00 PM
Carbon disulfide	11	4.7		ug/m3	10	3/3/2018 8:02:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/2/2018 9:29:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 9:29:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 9:29:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 9:29:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/2/2018 9:29:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 9:29:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 9:29:00 PM
Cyclohexane	3.6	0.52		ug/m3	1	3/2/2018 9:29:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 9:29:00 PM
Ethyl acetate	11	5.4		ug/m3	10	3/3/2018 8:02:00 PM
Ethylbenzene	6.6	0.65		ug/m3	1	3/2/2018 9:29:00 PM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 9:29:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 9:29:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 9:29:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV100
Lab Order:	C1803003	**Tag Number:**	158.447
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	2.5	0.74		ug/m3	1	3/2/2018 9:29:00 PM
Heptane	9.0	6.1		ug/m3	10	3/3/2018 8:02:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 9:29:00 PM
Hexane	11	5.3		ug/m3	10	3/3/2018 8:02:00 PM
Isopropyl alcohol	3.4	0.37		ug/m3	1	3/2/2018 9:29:00 PM
m&p-Xylene	17	13		ug/m3	10	3/3/2018 8:02:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 9:29:00 PM
Methyl Ethyl Ketone	9.1	8.8		ug/m3	10	3/3/2018 8:02:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 9:29:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 9:29:00 PM
Methylene chloride	1.6	0.52	J-LCS-RPD	ug/m3	1	3/2/2018 9:29:00 PM
o-Xylene	7.9	0.65		ug/m3	1	3/2/2018 9:29:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 9:29:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 9:29:00 PM
Tetrachloroethylene	5.8	1.0		ug/m3	1	3/2/2018 9:29:00 PM
Tetrahydrofuran	6.0	0.44		ug/m3	1	3/2/2018 9:29:00 PM
Toluene	30	5.7		ug/m3	10	3/3/2018 8:02:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 9:29:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 9:29:00 PM
Trichloroethene	0.75	0.81	J	ug/m3	1	3/2/2018 9:29:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 9:29:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 9:29:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/2/2018 9:29:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV101
Lab Order:	C1803003	**Tag Number:**	367.432
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-2			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,2,4-Trimethylbenzene	1.4	1.5	J	ppbV	10	3/3/2018 8:39:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,3,5-Trimethylbenzene	0.57	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 10:09:00 PM
2,2,4-trimethylpentane	1.3	0.15		ppbV	1	3/2/2018 10:09:00 PM
4-ethyltoluene	0.68	0.15		ppbV	1	3/2/2018 10:09:00 PM
Acetone	13	3.0		ppbV	10	3/3/2018 8:39:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Benzene	0.64	0.15		ppbV	1	3/2/2018 10:09:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Carbon disulfide	0.53	0.15		ppbV	1	3/2/2018 10:09:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Cyclohexane	1.8	0.15		ppbV	1	3/2/2018 10:09:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Ethyl acetate	4.0	1.5		ppbV	10	3/3/2018 8:39:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV101
Lab Order:	C1803003	**Tag Number:**	367.432
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	1.4	0.15		ppbV	1	3/2/2018 10:09:00 PM
Freon 11	0.26	0.15		ppbV	1	3/2/2018 10:09:00 PM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Freon 12	0.55	0.15		ppbV	1	3/2/2018 10:09:00 PM
Heptane	3.1	1.5		ppbV	10	3/3/2018 8:39:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Hexane	4.3	1.5		ppbV	10	3/3/2018 8:39:00 PM
Isopropyl alcohol	1.6	0.15		ppbV	1	3/2/2018 10:09:00 PM
m&p-Xylene	3.5	3.0		ppbV	10	3/3/2018 8:39:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 10:09:00 PM
Methyl Ethyl Ketone	3.4	3.0		ppbV	10	3/3/2018 8:39:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 10:09:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Methylene chloride	0.25	0.15		ppbV	1	3/2/2018 10:09:00 PM
o-Xylene	1.7	0.15		ppbV	1	3/2/2018 10:09:00 PM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Toluene	6.7	1.5		ppbV	10	3/3/2018 8:39:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 10:09:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	3/2/2018 10:09:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV101
Lab Order:	C1803003	**Tag Number:**	367.432
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-004A	**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	3/2/2018 10:09:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 10:09:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 10:09:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 10:09:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 10:09:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 10:09:00 PM
1,2,4-Trimethylbenzene	6.9	7.4	J	ug/m3	10	3/3/2018 8:39:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 10:09:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 10:09:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 10:09:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 10:09:00 PM
1,3,5-Trimethylbenzene	2.8	0.74		ug/m3	1	3/2/2018 10:09:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 10:09:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 10:09:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 10:09:00 PM
1,4-Dioxane	< 1.1	1.1	J-LCS-L	ug/m3	1	3/2/2018 10:09:00 PM
2,2,4-trimethylpentane	6.3	0.70		ug/m3	1	3/2/2018 10:09:00 PM
4-ethyltoluene	3.3	0.74		ug/m3	1	3/2/2018 10:09:00 PM
Acetone	30	7.1		ug/m3	10	3/3/2018 8:39:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 10:09:00 PM
Benzene	2.0	0.48		ug/m3	1	3/2/2018 10:09:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 10:09:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 10:09:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 10:09:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 10:09:00 PM
Carbon disulfide	1.7	0.47		ug/m3	1	3/2/2018 10:09:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/2/2018 10:09:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 10:09:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 10:09:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 10:09:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/2/2018 10:09:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 10:09:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 10:09:00 PM
Cyclohexane	6.3	0.52		ug/m3	1	3/2/2018 10:09:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 10:09:00 PM
Ethyl acetate	14	5.4		ug/m3	10	3/3/2018 8:39:00 PM
Ethylbenzene	6.3	0.65		ug/m3	1	3/2/2018 10:09:00 PM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 10:09:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 10:09:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 10:09:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV101
Lab Order:	C1803003	**Tag Number:**	367.432
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-004A	**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	3/2/2018 10:09:00 PM
Heptane	13	6.1		ug/m3	10	3/3/2018 8:39:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/2/2018 10:09:00 PM
Hexane	15	5.3		ug/m3	10	3/3/2018 8:39:00 PM
Isopropyl alcohol	4.0	0.37		ug/m3	1	3/2/2018 10:09:00 PM
m&p-Xylene	15	13		ug/m3	10	3/3/2018 8:39:00 PM
Methyl Butyl Ketone	< 1.2	1.2	W-LCS-L	ug/m3	1	3/2/2018 10:09:00 PM
Methyl Ethyl Ketone	10	8.8		ug/m3	10	3/3/2018 8:39:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	W-LCS-L	ug/m3	1	3/2/2018 10:09:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 10:09:00 PM
Methylene chloride	0.87	0.52	J-LCS-RPD	ug/m3	1	3/2/2018 10:09:00 PM
o-Xylene	7.6	0.65		ug/m3	1	3/2/2018 10:09:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 10:09:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 10:09:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 10:09:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 10:09:00 PM
Toluene	25	5.7		ug/m3	10	3/3/2018 8:39:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 10:09:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 10:09:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/2/2018 10:09:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 10:09:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 10:09:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/2/2018 10:09:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV102
Lab Order:	C1803003	**Tag Number:**	1182.387
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-11			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,2,4-Trimethylbenzene	1.9	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,3,5-Trimethylbenzene	0.41	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 10:52:00 PM
2,2,4-trimethylpentane	1.3	0.15		ppbV	1	3/2/2018 10:52:00 PM
4-ethyltoluene	0.50	0.15		ppbV	1	3/2/2018 10:52:00 PM
Acetone	11	3.0		ppbV	10	3/3/2018 9:16:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Benzene	0.60	0.15		ppbV	1	3/2/2018 10:52:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Carbon disulfide	0.31	0.15		ppbV	1	3/2/2018 10:52:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Chloromethane	0.17	0.15		ppbV	1	3/2/2018 10:52:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Cyclohexane	0.20	0.15		ppbV	1	3/2/2018 10:52:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Ethyl acetate	3.9	1.5		ppbV	10	3/3/2018 9:16:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV102
Lab Order:	C1803003	**Tag Number:**	1182.387
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	1.2	0.15		ppbV	1	3/2/2018 10:52:00 PM
Freon 11	0.22	0.15		ppbV	1	3/2/2018 10:52:00 PM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Freon 12	0.47	0.15		ppbV	1	3/2/2018 10:52:00 PM
Heptane	0.97	0.15		ppbV	1	3/2/2018 10:52:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Hexane	0.94	0.15		ppbV	1	3/2/2018 10:52:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
m&p-Xylene	4.4	3.0		ppbV	10	3/3/2018 9:16:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 10:52:00 PM
Methyl Ethyl Ketone	3.8	3.0		ppbV	10	3/3/2018 9:16:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 10:52:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Methylene chloride	0.30	0.15		ppbV	1	3/2/2018 10:52:00 PM
o-Xylene	1.4	0.15		ppbV	1	3/2/2018 10:52:00 PM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Tetrachloroethylene	0.26	0.15		ppbV	1	3/2/2018 10:52:00 PM
Tetrahydrofuran	1.4	0.15		ppbV	1	3/2/2018 10:52:00 PM
Toluene	8.3	1.5		ppbV	10	3/3/2018 9:16:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 10:52:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	3/2/2018 10:52:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV102
Lab Order:	C1803003	**Tag Number:**	1182.387
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-005A	**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	3/2/2018 10:52:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 10:52:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 10:52:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 10:52:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 10:52:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 10:52:00 PM
1,2,4-Trimethylbenzene	9.3	0.74		ug/m3	1	3/2/2018 10:52:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 10:52:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 10:52:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 10:52:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 10:52:00 PM
1,3,5-Trimethylbenzene	2.0	0.74		ug/m3	1	3/2/2018 10:52:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 10:52:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 10:52:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 10:52:00 PM
1,4-Dioxane	< 1.1	1.1 W-LCS-L		ug/m3	1	3/2/2018 10:52:00 PM
2,2,4-trimethylpentane	6.2	0.70		ug/m3	1	3/2/2018 10:52:00 PM
4-ethyltoluene	2.5	0.74		ug/m3	1	3/2/2018 10:52:00 PM
Acetone	26	7.1		ug/m3	10	3/3/2018 9:16:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 10:52:00 PM
Benzene	1.9	0.48		ug/m3	1	3/2/2018 10:52:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 10:52:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 10:52:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 10:52:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 10:52:00 PM
Carbon disulfide	0.97	0.47		ug/m3	1	3/2/2018 10:52:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/2/2018 10:52:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 10:52:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 10:52:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 10:52:00 PM
Chloromethane	0.35	0.31		ug/m3	1	3/2/2018 10:52:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 10:52:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 10:52:00 PM
Cyclohexane	0.69	0.52		ug/m3	1	3/2/2018 10:52:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 10:52:00 PM
Ethyl acetate	14	5.4		ug/m3	10	3/3/2018 9:16:00 PM
Ethylbenzene	5.0	0.65		ug/m3	1	3/2/2018 10:52:00 PM
Freon 11	1.2	0.84		ug/m3	1	3/2/2018 10:52:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 10:52:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 10:52:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV102
Lab Order:	C1803003	**Tag Number:**	1182.387
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.3	0.74		ug/m3	1	3/2/2018 10:52:00 PM
Heptane	4.0	0.61		ug/m3	1	3/2/2018 10:52:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/2/2018 10:52:00 PM
Hexane	3.3	0.53		ug/m3	1	3/2/2018 10:52:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 10:52:00 PM
m&p-Xylene	19	13		ug/m3	10	3/3/2018 9:16:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 10:52:00 PM
Methyl Ethyl Ketone	11	8.8		ug/m3	10	3/3/2018 9:16:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 10:52:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 10:52:00 PM
Methylene chloride	1.0	0.52	J-LCS-RPD	ug/m3	1	3/2/2018 10:52:00 PM
o-Xylene	6.1	0.65		ug/m3	1	3/2/2018 10:52:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 10:52:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 10:52:00 PM
Tetrachloroethylene	1.8	1.0		ug/m3	1	3/2/2018 10:52:00 PM
Tetrahydrofuran	4.1	0.44		ug/m3	1	3/2/2018 10:52:00 PM
Toluene	31	5.7		ug/m3	10	3/3/2018 9:16:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 10:52:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 10:52:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/2/2018 10:52:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 10:52:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 10:52:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/2/2018 10:52:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV103
Lab Order:	C1803003	**Tag Number:**	327.452
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,2,4-Trimethylbenzene	1.4	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,3,5-Trimethylbenzene	0.39	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 11:32:00 PM
2,2,4-trimethylpentane	1.4	0.15		ppbV	1	3/2/2018 11:32:00 PM
4-ethyltoluene	0.49	0.15		ppbV	1	3/2/2018 11:32:00 PM
Acetone	9.3	3.0		ppbV	10	3/3/2018 9:53:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Benzene	0.66	0.15		ppbV	1	3/2/2018 11:32:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Cyclohexane	0.31	0.15		ppbV	1	3/2/2018 11:32:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Ethyl acetate	4.7	1.5		ppbV	10	3/3/2018 9:53:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV103
Lab Order:	C1803003	**Tag Number:**	327.452
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	1.4	0.15		ppbV	1	3/2/2018 11:32:00 PM
Freon 11	0.28	0.15		ppbV	1	3/2/2018 11:32:00 PM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Freon 12	0.57	0.15		ppbV	1	3/2/2018 11:32:00 PM
Heptane	1.2	0.15		ppbV	1	3/2/2018 11:32:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Hexane	1.3	0.15		ppbV	1	3/2/2018 11:32:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
m&p-Xylene	3.5	3.0		ppbV	10	3/3/2018 9:53:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 11:32:00 PM
Methyl Ethyl Ketone	3.7	3.0		ppbV	10	3/3/2018 9:53:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 11:32:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Methylene chloride	0.25	0.15		ppbV	1	3/2/2018 11:32:00 PM
o-Xylene	1.6	0.15		ppbV	1	3/2/2018 11:32:00 PM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Tetrachloroethylene	0.59	0.15		ppbV	1	3/2/2018 11:32:00 PM
Tetrahydrofuran	1.7	0.15		ppbV	1	3/2/2018 11:32:00 PM
Toluene	6.6	1.5		ppbV	10	3/3/2018 9:53:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 11:32:00 PM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	3/2/2018 11:32:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV103
Lab Order:	C1803003	**Tag Number:**	327.452
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-006A	**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	3/2/2018 11:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 11:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 11:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 11:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 11:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 11:32:00 PM
1,2,4-Trimethylbenzene	7.0	0.74		ug/m3	1	3/2/2018 11:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 11:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 11:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 11:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 11:32:00 PM
1,3,5-Trimethylbenzene	1.9	0.74		ug/m3	1	3/2/2018 11:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 11:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 11:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 11:32:00 PM
1,4-Dioxane	< 1.1	1.1	JJ-LCS-L	ug/m3	1	3/2/2018 11:32:00 PM
2,2,4-trimethylpentane	6.5	0.70		ug/m3	1	3/2/2018 11:32:00 PM
4-ethyltoluene	2.4	0.74		ug/m3	1	3/2/2018 11:32:00 PM
Acetone	22	7.1		ug/m3	10	3/3/2018 9:53:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 11:32:00 PM
Benzene	2.1	0.48		ug/m3	1	3/2/2018 11:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 11:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 11:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 11:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 11:32:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 11:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/2/2018 11:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 11:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 11:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 11:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/2/2018 11:32:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 11:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 11:32:00 PM
Cyclohexane	1.1	0.52		ug/m3	1	3/2/2018 11:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 11:32:00 PM
Ethyl acetate	17	5.4		ug/m3	10	3/3/2018 9:53:00 PM
Ethylbenzene	6.3	0.65		ug/m3	1	3/2/2018 11:32:00 PM
Freon 11	1.6	0.84		ug/m3	1	3/2/2018 11:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 11:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 11:32:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-SV103
Lab Order:	C1803003	**Tag Number:**	327.452
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.8	0.74		ug/m3	1	3/2/2018 11:32:00 PM
Heptane	4.9	0.61		ug/m3	1	3/2/2018 11:32:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/2/2018 11:32:00 PM
Hexane	4.5	0.53		ug/m3	1	3/2/2018 11:32:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 11:32:00 PM
m&p-Xylene	15	13		ug/m3	10	3/3/2018 9:53:00 PM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 11:32:00 PM
Methyl Ethyl Ketone	11	8.8		ug/m3	10	3/3/2018 9:53:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 11:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 11:32:00 PM
Methylene chloride	0.87	0.52	J-LCS RPD	ug/m3	1	3/2/2018 11:32:00 PM
o-Xylene	7.0	0.65		ug/m3	1	3/2/2018 11:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 11:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 11:32:00 PM
Tetrachloroethylene	4.0	1.0		ug/m3	1	3/2/2018 11:32:00 PM
Tetrahydrofuran	4.9	0.44		ug/m3	1	3/2/2018 11:32:00 PM
Toluene	25	5.7		ug/m3	10	3/3/2018 9:53:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 11:32:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 11:32:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/2/2018 11:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 11:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 11:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/2/2018 11:32:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA100
Lab Order:	C1803003	**Tag Number:**	544.393
Project:	Elk Street Buffalo - SV1	**Collection Date:**	2/28/2018
Lab ID:	C1803003-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/1/2018 10:43:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/1/2018 10:43:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,2,4-Trimethylbenzene	1.7	1.5		ppbV	10	3/3/2018 5:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,3,5-Trimethylbenzene	0.54	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/1/2018 10:43:00 PM
2,2,4-trimethylpentane	2.0	0.15		ppbV	1	3/1/2018 10:43:00 PM
4-ethyltoluene	0.60	0.15		ppbV	1	3/1/2018 10:43:00 PM
Acetone	8.1	3.0		ppbV	10	3/3/2018 5:25:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Benzene	0.63	0.15		ppbV	1	3/1/2018 10:43:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Bromoform	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/1/2018 10:43:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Chloroform	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Chloromethane	0.53	0.15		ppbV	1	3/1/2018 10:43:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/1/2018 10:43:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Cyclohexane	0.22	0.15		ppbV	1	3/1/2018 10:43:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Ethyl acetate	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA100
Lab Order:	C1803003	**Tag Number:**	544.393
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-007A	**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	1.2	0.15		ppbV	1	3/1/2018 10:43:00 PM
Freon 11	0.25	0.15		ppbV	1	3/1/2018 10:43:00 PM
Freon 113	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Freon 114	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Freon 12	0.55	0.15		ppbV	1	3/1/2018 10:43:00 PM
Heptane	0.91	0.15		ppbV	1	3/1/2018 10:43:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Hexane	1.3	0.15		ppbV	1	3/1/2018 10:43:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
m&p-Xylene	3.2	3.0		ppbV	10	3/3/2018 5:25:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/1/2018 10:43:00 PM
Methyl Ethyl Ketone	1.2	0.30		ppbV	1	3/1/2018 10:43:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/1/2018 10:43:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Methylene chloride	0.46	0.15		ppbV	1	3/1/2018 10:43:00 PM
o-Xylene	1.6	0.15		ppbV	1	3/1/2018 10:43:00 PM
Propylene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Styrene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Toluene	5.3	1.5		ppbV	10	3/3/2018 5:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	3/1/2018 10:43:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/1/2018 10:43:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/1/2018 10:43:00 PM
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	3/1/2018 10:43:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA100
Lab Order:	C1803003	**Tag Number:**	544.393
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-007A	**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	3/1/2018 10:43:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/1/2018 10:43:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/1/2018 10:43:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/1/2018 10:43:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/1/2018 10:43:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/1/2018 10:43:00 PM
1,2,4-Trimethylbenzene	8.4	7.4		ug/m3	10	3/3/2018 5:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/1/2018 10:43:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/1/2018 10:43:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/1/2018 10:43:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/1/2018 10:43:00 PM
1,3,5-Trimethylbenzene	2.7	0.74		ug/m3	1	3/1/2018 10:43:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/1/2018 10:43:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/1/2018 10:43:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/1/2018 10:43:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/1/2018 10:43:00 PM
2,2,4-trimethylpentane	9.2	0.70		ug/m3	1	3/1/2018 10:43:00 PM
4-ethyltoluene	2.9	0.74		ug/m3	1	3/1/2018 10:43:00 PM
Acetone	19	7.1		ug/m3	10	3/3/2018 5:25:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/1/2018 10:43:00 PM
Benzene	2.0	0.48		ug/m3	1	3/1/2018 10:43:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/1/2018 10:43:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/1/2018 10:43:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/1/2018 10:43:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/1/2018 10:43:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/1/2018 10:43:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/1/2018 10:43:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/1/2018 10:43:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/1/2018 10:43:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/1/2018 10:43:00 PM
Chloromethane	1.1	0.31		ug/m3	1	3/1/2018 10:43:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/1/2018 10:43:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/1/2018 10:43:00 PM
Cyclohexane	0.76	0.52		ug/m3	1	3/1/2018 10:43:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/1/2018 10:43:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/1/2018 10:43:00 PM
Ethylbenzene	5.4	0.65		ug/m3	1	3/1/2018 10:43:00 PM
Freon 11	1.4	0.84		ug/m3	1	3/1/2018 10:43:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/1/2018 10:43:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/1/2018 10:43:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA100
Lab Order:	C1803003	**Tag Number:**	544393
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-007A	**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	3/1/2018 10:43:00 PM
Heptane	3.7	0.61		ug/m3	1	3/1/2018 10:43:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/1/2018 10:43:00 PM
Hexane	4.7	0.53		ug/m3	1	3/1/2018 10:43:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/1/2018 10:43:00 PM
m&p-Xylene	14	13		ug/m3	10	3/3/2018 5:25:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/1/2018 10:43:00 PM
Methyl Ethyl Ketone	3.6	0.88		ug/m3	1	3/1/2018 10:43:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/1/2018 10:43:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/1/2018 10:43:00 PM
Methylene chloride	1.6	0.52		ug/m3	1	3/1/2018 10:43:00 PM
o-Xylene	6.7	0.65		ug/m3	1	3/1/2018 10:43:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/1/2018 10:43:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/1/2018 10:43:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/1/2018 10:43:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/1/2018 10:43:00 PM
Toluene	20	5.7		ug/m3	10	3/3/2018 5:25:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/1/2018 10:43:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/1/2018 10:43:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/1/2018 10:43:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/1/2018 10:43:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/1/2018 10:43:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/1/2018 10:43:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA101
Lab Order:	C1803003	**Tag Number:**	89.449
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/1/2018 11:23:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/1/2018 11:23:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,2,4-Trimethylbenzene	1.5	1.5		ppbV	10	3/3/2018 6:02:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,3,5-Trimethylbenzene	0.55	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/1/2018 11:23:00 PM
2,2,4-trimethylpentane	2.5	1.5		ppbV	10	3/3/2018 6:02:00 AM
4-ethyltoluene	0.63	0.15		ppbV	1	3/1/2018 11:23:00 PM
Acetone	8.0	3.0		ppbV	10	3/3/2018 6:02:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Benzene	0.71	0.15		ppbV	1	3/1/2018 11:23:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Bromoform	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/1/2018 11:23:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Chloroform	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Chloromethane	0.57	0.15		ppbV	1	3/1/2018 11:23:00 PM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/1/2018 11:23:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Cyclohexane	0.22	0.15		ppbV	1	3/1/2018 11:23:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Ethyl acetate	0.47	0.15		ppbV	1	3/1/2018 11:23:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA101
Lab Order:	C1803003	**Tag Number:**	89.449
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-008A	**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	1.4	0.15		ppbV	1	3/1/2018 11:23:00 PM
Freon 11	0.26	0.15		ppbV	1	3/1/2018 11:23:00 PM
Freon 113	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Freon 114	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Freon 12	0.54	0.15		ppbV	1	3/1/2018 11:23:00 PM
Heptane	1.1	0.15		ppbV	1	3/1/2018 11:23:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Hexane	1.6	0.15		ppbV	1	3/1/2018 11:23:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
m&p-Xylene	3.3	3.0		ppbV	10	3/3/2018 6:02:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/1/2018 11:23:00 PM
Methyl Ethyl Ketone	1.5	0.30		ppbV	1	3/1/2018 11:23:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/1/2018 11:23:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Methylene chloride	0.93	0.15		ppbV	1	3/1/2018 11:23:00 PM
o-Xylene	1.6	0.15		ppbV	1	3/1/2018 11:23:00 PM
Propylene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Styrene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Toluene	6.2	1.5		ppbV	10	3/3/2018 6:02:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Trichloroethene	< 0.030	0.030		ppbV	1	3/1/2018 11:23:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/1/2018 11:23:00 PM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/1/2018 11:23:00 PM
Surr: Bromofluorobenzene	100	70-130		%REC	1	3/1/2018 11:23:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA101
Lab Order:	C1803003	**Tag Number:**	89449
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-008A	**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	3/1/2018 11:23:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/1/2018 11:23:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/1/2018 11:23:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/1/2018 11:23:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/1/2018 11:23:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/1/2018 11:23:00 PM
1,2,4-Trimethylbenzene	7.4	7.4		ug/m3	10	3/3/2018 6:02:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/1/2018 11:23:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/1/2018 11:23:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/1/2018 11:23:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/1/2018 11:23:00 PM
1,3,5-Trimethylbenzene	2.7	0.74		ug/m3	1	3/1/2018 11:23:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/1/2018 11:23:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/1/2018 11:23:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/1/2018 11:23:00 PM
1,4-Dioxane	< 1.1	1.1	W-LCS-L	ug/m3	1	3/1/2018 11:23:00 PM
2,2,4-trimethylpentane	12	7.0		ug/m3	10	3/3/2018 6:02:00 AM
4-ethyltoluene	3.1	0.74		ug/m3	1	3/1/2018 11:23:00 PM
Acetone	19	7.1		ug/m3	10	3/3/2018 6:02:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/1/2018 11:23:00 PM
Benzene	2.3	0.48		ug/m3	1	3/1/2018 11:23:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/1/2018 11:23:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/1/2018 11:23:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/1/2018 11:23:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/1/2018 11:23:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/1/2018 11:23:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/1/2018 11:23:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/1/2018 11:23:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/1/2018 11:23:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/1/2018 11:23:00 PM
Chloromethane	1.2	0.31		ug/m3	1	3/1/2018 11:23:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/1/2018 11:23:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/1/2018 11:23:00 PM
Cyclohexane	0.76	0.52		ug/m3	1	3/1/2018 11:23:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/1/2018 11:23:00 PM
Ethyl acetate	1.7	0.54		ug/m3	1	3/1/2018 11:23:00 PM
Ethylbenzene	6.2	0.65		ug/m3	1	3/1/2018 11:23:00 PM
Freon 11	1.5	0.84		ug/m3	1	3/1/2018 11:23:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/1/2018 11:23:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/1/2018 11:23:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA101
Lab Order:	C1803003	**Tag Number:**	89.449
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-008A	**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	3/1/2018 11:23:00 PM
Heptane	4.7	0.61		ug/m3	1	3/1/2018 11:23:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6	U-LCS-L	ug/m3	1	3/1/2018 11:23:00 PM
Hexane	5.5	0.53		ug/m3	1	3/1/2018 11:23:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/1/2018 11:23:00 PM
m&p-Xylene	14	13		ug/m3	10	3/3/2018 6:02:00 AM
Methyl Butyl Ketone	< 1.2	1.2	U-LCS-L	ug/m3	1	3/1/2018 11:23:00 PM
Methyl Ethyl Ketone	4.4	0.88		ug/m3	1	3/1/2018 11:23:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	U-LCS-L	ug/m3	1	3/1/2018 11:23:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/1/2018 11:23:00 PM
Methylene chloride	3.2	0.52		ug/m3	1	3/1/2018 11:23:00 PM
o-Xylene	7.1	0.65		ug/m3	1	3/1/2018 11:23:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/1/2018 11:23:00 PM
Styrene	< 0.64	0.64		ug/m3	1	3/1/2018 11:23:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/1/2018 11:23:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/1/2018 11:23:00 PM
Toluene	23	5.7		ug/m3	10	3/3/2018 6:02:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/1/2018 11:23:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/1/2018 11:23:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/1/2018 11:23:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/1/2018 11:23:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/1/2018 11:23:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/1/2018 11:23:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA102
Lab Order:	C1803003	**Tag Number:**	236.1165
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 12:04:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 12:04:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,2,4-Trimethylbenzene	3.6	1.5		ppbV	10	3/3/2018 6:39:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,3,5-Trimethylbenzene	1.4	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 12:04:00 AM
2,2,4-trimethylpentane	2.7	1.5		ppbV	10	3/3/2018 6:39:00 AM
4-ethyltoluene	1.2	0.15		ppbV	1	3/2/2018 12:04:00 AM
Acetone	11	3.0		ppbV	10	3/3/2018 6:39:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Benzene	0.78	0.15		ppbV	1	3/2/2018 12:04:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 12:04:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Chloromethane	0.64	0.15		ppbV	1	3/2/2018 12:04:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 12:04:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Cyclohexane	0.22	0.15		ppbV	1	3/2/2018 12:04:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Ethyl acetate	0.34	0.15		ppbV	1	3/2/2018 12:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA102
Lab Order:	C1803003	**Tag Number:**	236.1165
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-009A	**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	1.9	0.15		ppbV	1	3/2/2018 12:04:00 AM
Freon 11	0.27	0.15		ppbV	1	3/2/2018 12:04:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Freon 12	0.51	0.15		ppbV	1	3/2/2018 12:04:00 AM
Heptane	2.6	1.5		ppbV	10	3/3/2018 6:39:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Hexane	1.6	0.15		ppbV	1	3/2/2018 12:04:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
m&p-Xylene	5.4	3.0		ppbV	10	3/3/2018 6:39:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 12:04:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	3/2/2018 12:04:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 12:04:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Methylene chloride	0.34	0.15		ppbV	1	3/2/2018 12:04:00 AM
o-Xylene	2.0	1.5		ppbV	10	3/3/2018 6:39:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Tetrachloroethylene	0.26	0.15		ppbV	1	3/2/2018 12:04:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Toluene	7.5	1.5		ppbV	10	3/3/2018 6:39:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Trichloroethene	0.050	0.030		ppbV	1	3/2/2018 12:04:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 12:04:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 12:04:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	3/2/2018 12:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA102
Lab Order:	C1803003	**Tag Number:**	236.1165
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-009A	**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	3/2/2018 12:04:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 12:04:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 12:04:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 12:04:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 12:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 12:04:00 AM
1,2,4-Trimethylbenzene	18	7.4		ug/m3	10	3/3/2018 6:39:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 12:04:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 12:04:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 12:04:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 12:04:00 AM
1,3,5-Trimethylbenzene	6.9	0.74		ug/m3	1	3/2/2018 12:04:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 12:04:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 12:04:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 12:04:00 AM
1,4-Dioxane	< 1.1	1.1	LCS-L	ug/m3	1	3/2/2018 12:04:00 AM
2,2,4-trimethylpentane	13	7.0		ug/m3	10	3/3/2018 6:39:00 AM
4-ethyltoluene	5.7	0.74		ug/m3	1	3/2/2018 12:04:00 AM
Acetone	25	7.1		ug/m3	10	3/3/2018 6:39:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 12:04:00 AM
Benzene	2.5	0.48		ug/m3	1	3/2/2018 12:04:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 12:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 12:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 12:04:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 12:04:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 12:04:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 12:04:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 12:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 12:04:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 12:04:00 AM
Chloromethane	1.3	0.31		ug/m3	1	3/2/2018 12:04:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 12:04:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 12:04:00 AM
Cyclohexane	0.76	0.52		ug/m3	1	3/2/2018 12:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 12:04:00 AM
Ethyl acetate	1.2	0.54		ug/m3	1	3/2/2018 12:04:00 AM
Ethylbenzene	8.3	0.65		ug/m3	1	3/2/2018 12:04:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 12:04:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 12:04:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 12:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA102
Lab Order:	C1803003	**Tag Number:**	236.1165
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-009A	**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	2.5	0.74		ug/m3	1	3/2/2018 12:04:00 AM
Heptane	11	6.1		ug/m3	10	3/3/2018 6:39:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 12:04:00 AM
Hexane	5.7	0.53		ug/m3	1	3/2/2018 12:04:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 12:04:00 AM
m&p-Xylene	23	13		ug/m3	10	3/3/2018 6:39:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 12:04:00 AM
Methyl Ethyl Ketone	4.2	0.88		ug/m3	1	3/2/2018 12:04:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 12:04:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 12:04:00 AM
Methylene chloride	1.2	0.52		ug/m3	1	3/2/2018 12:04:00 AM
o-Xylene	8.7	6.5		ug/m3	10	3/3/2018 6:39:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 12:04:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 12:04:00 AM
Tetrachloroethylene	1.8	1.0		ug/m3	1	3/2/2018 12:04:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 12:04:00 AM
Toluene	28	5.7		ug/m3	10	3/3/2018 6:39:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 12:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 12:04:00 AM
Trichloroethene	0.27	0.16		ug/m3	1	3/2/2018 12:04:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 12:04:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 12:04:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 12:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA103
Lab Order:	C1803003	**Tag Number:**	1289.402
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 12:44:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 12:44:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,2,4-Trimethylbenzene	2.3	1.5		ppbV	10	3/3/2018 7:16:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,3,5-Trimethylbenzene	0.71	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 12:44:00 AM
2,2,4-trimethylpentane	2.6	1.5		ppbV	10	3/3/2018 7:16:00 AM
4-ethyltoluene	0.84	0.15		ppbV	1	3/2/2018 12:44:00 AM
Acetone	9.1	3.0		ppbV	10	3/3/2018 7:16:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Benzene	0.79	0.15		ppbV	1	3/2/2018 12:44:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 12:44:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Chloromethane	0.59	0.15		ppbV	1	3/2/2018 12:44:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 12:44:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Cyclohexane	0.30	0.15		ppbV	1	3/2/2018 12:44:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Ethyl acetate	0.68	0.15		ppbV	1	3/2/2018 12:44:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA103
Lab Order:	C1803003	**Tag Number:**	1289.402
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-010A	**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	1.6	0.15		ppbV	1	3/2/2018 12:44:00 AM
Freon 11	0.25	0.15		ppbV	1	3/2/2018 12:44:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Freon 12	0.56	0.15		ppbV	1	3/2/2018 12:44:00 AM
Heptane	1.2	0.15		ppbV	1	3/2/2018 12:44:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Hexane	1.6	0.15		ppbV	1	3/2/2018 12:44:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
m&p-Xylene	4.0	3.0		ppbV	10	3/3/2018 7:16:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 12:44:00 AM
Methyl Ethyl Ketone	1.8	0.30		ppbV	1	3/2/2018 12:44:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 12:44:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Methylene chloride	1.1	0.15		ppbV	1	3/2/2018 12:44:00 AM
o-Xylene	2.0	0.15		ppbV	1	3/2/2018 12:44:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Toluene	7.1	1.5		ppbV	10	3/3/2018 7:16:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 12:44:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 12:44:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 12:44:00 AM
Surr: Bromofluorobenzene	98.0	70-130		%REC	1	3/2/2018 12:44:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA103
Lab Order:	C1803003	**Tag Number:**	1289.402
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-010A	**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	3/2/2018 12:44:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 12:44:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 12:44:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 12:44:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 12:44:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 12:44:00 AM
1,2,4-Trimethylbenzene	11	7.4		ug/m3	10	3/3/2018 7:16:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 12:44:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 12:44:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 12:44:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 12:44:00 AM
1,3,5-Trimethylbenzene	3.5	0.74		ug/m3	1	3/2/2018 12:44:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 12:44:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 12:44:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 12:44:00 AM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	3/2/2018 12:44:00 AM
2,2,4-trimethylpentane	12	7.0		ug/m3	10	3/3/2018 7:16:00 AM
4-ethyltoluene	4.1	0.74		ug/m3	1	3/2/2018 12:44:00 AM
Acetone	22	7.1		ug/m3	10	3/3/2018 7:16:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 12:44:00 AM
Benzene	2.5	0.48		ug/m3	1	3/2/2018 12:44:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 12:44:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 12:44:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 12:44:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 12:44:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 12:44:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 12:44:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 12:44:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 12:44:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 12:44:00 AM
Chloromethane	1.2	0.31		ug/m3	1	3/2/2018 12:44:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 12:44:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 12:44:00 AM
Cyclohexane	1.0	0.52		ug/m3	1	3/2/2018 12:44:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 12:44:00 AM
Ethyl acetate	2.5	0.54		ug/m3	1	3/2/2018 12:44:00 AM
Ethylbenzene	7.0	0.65		ug/m3	1	3/2/2018 12:44:00 AM
Freon 11	1.4	0.84		ug/m3	1	3/2/2018 12:44:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 12:44:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 12:44:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-1A103
Lab Order:	C1803003	**Tag Number:**	1289.402
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-010A	**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	3/2/2018 12:44:00 AM
Heptane	4.8	0.61		ug/m3	1	3/2/2018 12:44:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 12:44:00 AM
Hexane	5.7	0.53		ug/m3	1	3/2/2018 12:44:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 12:44:00 AM
m&p-Xylene	17	13		ug/m3	10	3/3/2018 7:16:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 12:44:00 AM
Methyl Ethyl Ketone	4.7	0.88		ug/m3	1	3/2/2018 12:44:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 12:44:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 12:44:00 AM
Methylene chloride	3.9	0.52		ug/m3	1	3/2/2018 12:44:00 AM
o-Xylene	8.6	0.65		ug/m3	1	3/2/2018 12:44:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 12:44:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 12:44:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 12:44:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 12:44:00 AM
Toluene	27	5.7		ug/m3	10	3/3/2018 7:16:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 12:44:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 12:44:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 12:44:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 12:44:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 12:44:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 12:44:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA104
Lab Order:	C1803003	**Tag Number:**	358.1152
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 1:24:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 1:24:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,2,4-Trimethylbenzene	4.0	1.5		ppbV	10	3/3/2018 8:32:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,3,5-Trimethylbenzene	1.6	1.5		ppbV	10	3/3/2018 8:32:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 1:24:00 AM
2,2,4-trimethylpentane	2.3	1.5		ppbV	10	3/3/2018 8:32:00 AM
4-ethyltoluene	1.3	0.15		ppbV	1	3/2/2018 1:24:00 AM
Acetone	12	3.0		ppbV	10	3/3/2018 8:32:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Benzene	0.69	0.15		ppbV	1	3/2/2018 1:24:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 1:24:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Chloromethane	0.45	0.15		ppbV	1	3/2/2018 1:24:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 1:24:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Cyclohexane	1.4	0.15		ppbV	1	3/2/2018 1:24:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Ethyl acetate	0.30	0.15		ppbV	1	3/2/2018 1:24:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA104
Lab Order:	C1803003	**Tag Number:**	358.1152
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-011A	**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	1.8	0.15		ppbV	1	3/2/2018 1:24:00 AM
Freon 11	0.27	0.15		ppbV	1	3/2/2018 1:24:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Freon 12	0.54	0.15		ppbV	1	3/2/2018 1:24:00 AM
Heptane	7.1	1.5		ppbV	10	3/3/2018 8:32:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Hexane	1.6	0.15		ppbV	1	3/2/2018 1:24:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
m&p-Xylene	5.0	3.0		ppbV	10	3/3/2018 8:32:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 1:24:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	3/2/2018 1:24:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 1:24:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Methylene chloride	0.37	0.15		ppbV	1	3/2/2018 1:24:00 AM
o-Xylene	2.0	1.5		ppbV	10	3/3/2018 8:32:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Toluene	6.3	1.5		ppbV	10	3/3/2018 8:32:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 1:24:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 1:24:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 1:24:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	1	3/2/2018 1:24:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA104
Lab Order:	C1803003	**Tag Number:**	358.1152
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-011A	**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	3/2/2018 1:24:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 1:24:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 1:24:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 1:24:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 1:24:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 1:24:00 AM
1,2,4-Trimethylbenzene	20	7.4		ug/m3	10	3/3/2018 8:32:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 1:24:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 1:24:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 1:24:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 1:24:00 AM
1,3,5-Trimethylbenzene	7.9	7.4		ug/m3	10	3/3/2018 8:32:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 1:24:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 1:24:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 1:24:00 AM
1,4-Dioxane	< 1.1	1.10	LCS-L	ug/m3	1	3/2/2018 1:24:00 AM
2,2,4-trimethylpentane	11	7.0		ug/m3	10	3/3/2018 8:32:00 AM
4-ethyltoluene	6.3	0.74		ug/m3	1	3/2/2018 1:24:00 AM
Acetone	28	7.1		ug/m3	10	3/3/2018 8:32:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 1:24:00 AM
Benzene	2.2	0.48		ug/m3	1	3/2/2018 1:24:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 1:24:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 1:24:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 1:24:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 1:24:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 1:24:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 1:24:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 1:24:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 1:24:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 1:24:00 AM
Chloromethane	0.93	0.31		ug/m3	1	3/2/2018 1:24:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 1:24:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 1:24:00 AM
Cyclohexane	4.9	0.52	J-FD	ug/m3	1	3/2/2018 1:24:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 1:24:00 AM
Ethyl acetate	1.1	0.54		ug/m3	1	3/2/2018 1:24:00 AM
Ethylbenzene	7.9	0.65		ug/m3	1	3/2/2018 1:24:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 1:24:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 1:24:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 1:24:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA104
Lab Order:	C1803003	**Tag Number:**	358.1152
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-011A	**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	3/2/2018 1:24:00 AM
Heptane	29	6.1		ug/m3	10	3/3/2018 8:32:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 1:24:00 AM
Hexane	5.5	0.53		ug/m3	1	3/2/2018 1:24:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 1:24:00 AM
m&p-Xylene	22	13		ug/m3	10	3/3/2018 8:32:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 1:24:00 AM
Methyl Ethyl Ketone	4.0	0.88		ug/m3	1	3/2/2018 1:24:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 1:24:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 1:24:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	3/2/2018 1:24:00 AM
o-Xylene	8.7	6.5		ug/m3	10	3/3/2018 8:32:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 1:24:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 1:24:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 1:24:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 1:24:00 AM
Toluene	24	5.7		ug/m3	10	3/3/2018 8:32:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 1:24:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 1:24:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 1:24:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 1:24:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 1:24:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 1:24:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA105
Lab Order:	C1803003	**Tag Number:**	568446
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 2:04:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 2:04:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,2,4-Trimethylbenzene	4.2	1.5		ppbV	10	3/3/2018 9:09:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,3,5-Trimethylbenzene	1.5	1.5		ppbV	10	3/3/2018 9:09:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 2:04:00 AM
2,2,4-trimethylpentane	2.3	1.5		ppbV	10	3/3/2018 9:09:00 AM
4-ethyltoluene	1.3	0.15		ppbV	1	3/2/2018 2:04:00 AM
Acetone	14	3.0		ppbV	10	3/3/2018 9:09:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Benzene	0.72	0.15		ppbV	1	3/2/2018 2:04:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 2:04:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Chloromethane	0.56	0.15		ppbV	1	3/2/2018 2:04:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 2:04:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Cyclohexane	0.22	0.15		ppbV	1	3/2/2018 2:04:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Ethyl acetate	0.31	0.15		ppbV	1	3/2/2018 2:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA105
Lab Order:	C1803003	**Tag Number:**	568.446
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-012A	**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	1.9	0.15		ppbV	1	3/2/2018 2:04:00 AM
Freon 11	0.27	0.15		ppbV	1	3/2/2018 2:04:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Freon 12	0.55	0.15		ppbV	1	3/2/2018 2:04:00 AM
Heptane	7.1	1.5		ppbV	10	3/3/2018 9:09:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Hexane	1.6	0.15		ppbV	1	3/2/2018 2:04:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
m&p-Xylene	5.3	3.0		ppbV	10	3/3/2018 9:09:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 2:04:00 AM
Methyl Ethyl Ketone	1.4	0.30		ppbV	1	3/2/2018 2:04:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 2:04:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Methylene chloride	0.36	0.15		ppbV	1	3/2/2018 2:04:00 AM
o-Xylene	2.1	1.5		ppbV	10	3/3/2018 9:09:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Toluene	6.6	1.5		ppbV	10	3/3/2018 9:09:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 2:04:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 2:04:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 2:04:00 AM
Surr: Bromofluorobenzene	101	70-130		%REC	1	3/2/2018 2:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA105
Lab Order:	C1803003	**Tag Number:**	568446
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-012A	**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	3/2/2018 2:04:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 2:04:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 2:04:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 2:04:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 2:04:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 2:04:00 AM
1,2,4-Trimethylbenzene	21	7.4		ug/m3	10	3/3/2018 9:09:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 2:04:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 2:04:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 2:04:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 2:04:00 AM
1,3,5-Trimethylbenzene	7.4	7.4		ug/m3	10	3/3/2018 9:09:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 2:04:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 2:04:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 2:04:00 AM
1,4-Dioxane	< 1.1	1.1	J-LCS-L	ug/m3	1	3/2/2018 2:04:00 AM
2,2,4-trimethylpentane	11	7.0		ug/m3	10	3/3/2018 9:09:00 AM
4-ethyltoluene	6.5	0.74		ug/m3	1	3/2/2018 2:04:00 AM
Acetone	33	7.1		ug/m3	10	3/3/2018 9:09:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 2:04:00 AM
Benzene	2.3	0.48		ug/m3	1	3/2/2018 2:04:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 2:04:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 2:04:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 2:04:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 2:04:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 2:04:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 2:04:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 2:04:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 2:04:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 2:04:00 AM
Chloromethane	1.2	0.31		ug/m3	1	3/2/2018 2:04:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 2:04:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 2:04:00 AM
Cyclohexane	0.76	0.52	J-FD	ug/m3	1	3/2/2018 2:04:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 2:04:00 AM
Ethyl acetate	1.1	0.54		ug/m3	1	3/2/2018 2:04:00 AM
Ethylbenzene	8.1	0.65		ug/m3	1	3/2/2018 2:04:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 2:04:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 2:04:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 2:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-154-IA105
Lab Order:	C1803003	**Tag Number:**	568446
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-012A	**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	3/2/2018 2:04:00 AM
Heptane	29	6.1		ug/m3	10	3/3/2018 9:09:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 2:04:00 AM
Hexane	5.5	0.53		ug/m3	1	3/2/2018 2:04:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 2:04:00 AM
m&p-Xylene	23	13		ug/m3	10	3/3/2018 9:09:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 2:04:00 AM
Methyl Ethyl Ketone	4.2	0.88		ug/m3	1	3/2/2018 2:04:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 2:04:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 2:04:00 AM
Methylene chloride	1.3	0.52		ug/m3	1	3/2/2018 2:04:00 AM
o-Xylene	9.1	6.5		ug/m3	10	3/3/2018 9:09:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 2:04:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 2:04:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 2:04:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 2:04:00 AM
Toluene	25	5.7		ug/m3	10	3/3/2018 9:09:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 2:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 2:04:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 2:04:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 2:04:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 2:04:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 2:04:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV100
Lab Order:	C1803003	**Tag Number:**	286.450
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,2,4-Trimethylbenzene	0.60	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,3,5-Trimethylbenzene	0.26	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/3/2018 12:12:00 AM
2,2,4-trimethylpentane	0.50	0.15		ppbV	1	3/3/2018 12:12:00 AM
4-ethyltoluene	0.12	0.15	J	ppbV	1	3/3/2018 12:12:00 AM
Acetone	28	3.0		ppbV	10	3/3/2018 10:30:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Benzene	1.7	0.15		ppbV	1	3/3/2018 12:12:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Carbon disulfide	3.0	1.5		ppbV	10	3/3/2018 10:30:00 PM
Carbon tetrachloride	0.14	0.15	J	ppbV	1	3/3/2018 12:12:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Chloroform	0.12	0.15	J	ppbV	1	3/3/2018 12:12:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Cyclohexane	2.6	1.5		ppbV	10	3/3/2018 10:30:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Ethyl acetate	4.0	1.5		ppbV	10	3/3/2018 10:30:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV100
Lab Order:	C1803003	**Tag Number:**	286.450
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Ethylbenzene	0.50	0.15		ppbV	1	3/3/2018 12:12:00 AM
Freon 11	0.26	0.15		ppbV	1	3/3/2018 12:12:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Freon 12	0.55	0.15		ppbV	1	3/3/2018 12:12:00 AM
Heptane	3.6	1.5		ppbV	10	3/3/2018 10:30:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Hexane	5.4	1.5		ppbV	10	3/3/2018 10:30:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
m&p-Xylene	1.9	0.30		ppbV	1	3/3/2018 12:12:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 12:12:00 AM
Methyl Ethyl Ketone	3.9	3.0		ppbV	10	3/3/2018 10:30:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 12:12:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Methylene chloride	0.40	0.15		ppbV	1	3/3/2018 12:12:00 AM
o-Xylene	0.64	0.15		ppbV	1	3/3/2018 12:12:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Toluene	3.8	1.5		ppbV	10	3/3/2018 10:30:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 12:12:00 AM
Surr: Bromofluorobenzene	100	70-130		%REC	1	3/3/2018 12:12:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV100
Lab Order:	C1803003	**Tag Number:**	286.450
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-013A	**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	3/3/2018 12:12:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/3/2018 12:12:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/3/2018 12:12:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 12:12:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 12:12:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/3/2018 12:12:00 AM
1,2,4-Trimethylbenzene	2.9	0.74		ug/m3	1	3/3/2018 12:12:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/3/2018 12:12:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 12:12:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 12:12:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/3/2018 12:12:00 AM
1,3,5-Trimethylbenzene	1.3	0.74		ug/m3	1	3/3/2018 12:12:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/3/2018 12:12:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 12:12:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 12:12:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/3/2018 12:12:00 AM
2,2,4-trimethylpentane	2.3	0.70		ug/m3	1	3/3/2018 12:12:00 AM
4-ethyltoluene	0.59	0.74	J	ug/m3	1	3/3/2018 12:12:00 AM
Acetone	66	7.1		ug/m3	10	3/3/2018 10:30:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/3/2018 12:12:00 AM
Benzene	5.4	0.48		ug/m3	1	3/3/2018 12:12:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/3/2018 12:12:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/3/2018 12:12:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/3/2018 12:12:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/3/2018 12:12:00 AM
Carbon disulfide	9.3	4.7		ug/m3	10	3/3/2018 10:30:00 PM
Carbon tetrachloride	0.88	0.94	J	ug/m3	1	3/3/2018 12:12:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/3/2018 12:12:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/3/2018 12:12:00 AM
Chloroform	0.59	0.73	J	ug/m3	1	3/3/2018 12:12:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	3/3/2018 12:12:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 12:12:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 12:12:00 AM
Cyclohexane	8.9	5.2		ug/m3	10	3/3/2018 10:30:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/3/2018 12:12:00 AM
Ethyl acetate	14	5.4		ug/m3	10	3/3/2018 10:30:00 PM
Ethylbenzene	2.2	0.65		ug/m3	1	3/3/2018 12:12:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/3/2018 12:12:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/3/2018 12:12:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/3/2018 12:12:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV100
Lab Order:	C1803003	**Tag Number:**	286.450
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-013A	**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	3/3/2018 12:12:00 AM
Heptane	15	6.1		ug/m3	10	3/3/2018 10:30:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/3/2018 12:12:00 AM
Hexane	19	5.3		ug/m3	10	3/3/2018 10:30:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/3/2018 12:12:00 AM
m&p-Xylene	8.1	1.3		ug/m3	1	3/3/2018 12:12:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 12:12:00 AM
Methyl Ethyl Ketone	11	8.8		ug/m3	10	3/3/2018 10:30:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 12:12:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/3/2018 12:12:00 AM
Methylene chloride	1.4	0.52	J-LCS-RPD	ug/m3	1	3/3/2018 12:12:00 AM
o-Xylene	2.8	0.65		ug/m3	1	3/3/2018 12:12:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/3/2018 12:12:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/3/2018 12:12:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/3/2018 12:12:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/3/2018 12:12:00 AM
Toluene	14	5.7		ug/m3	10	3/3/2018 10:30:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 12:12:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 12:12:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/3/2018 12:12:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/3/2018 12:12:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/3/2018 12:12:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/3/2018 12:12:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV101
Lab Order:	C1803003	**Tag Number:**	106.388
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	0.28	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,2,4-Trimethylbenzene	0.31	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,3,5-Trimethylbenzene	0.12	0.15	J	ppbV	1	3/3/2018 12:52:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/3/2018 12:52:00 AM
2,2,4-trimethylpentane	0.29	0.15		ppbV	1	3/3/2018 12:52:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Acetone	19	3.0		ppbV	10	3/3/2018 11:06:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Benzene	0.35	0.15		ppbV	1	3/3/2018 12:52:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Ethyl acetate	2.6	1.5		ppbV	10	3/3/2018 11:06:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV101
Lab Order:	C1803003	**Tag Number:**	106.388
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.26	0.15		ppbV	1	3/3/2018 12:52:00 AM
Freon 11	0.26	0.15		ppbV	1	3/3/2018 12:52:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Freon 12	0.56	0.15		ppbV	1	3/3/2018 12:52:00 AM
Heptane	0.27	0.15		ppbV	1	3/3/2018 12:52:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Hexane	0.50	0.15		ppbV	1	3/3/2018 12:52:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
m&p-Xylene	0.91	0.30		ppbV	1	3/3/2018 12:52:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 12:52:00 AM
Methyl Ethyl Ketone	2.6	3.0	J	ppbV	10	3/3/2018 11:06:00 PM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 12:52:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Methylene chloride	0.18	0.15		ppbV	1	3/3/2018 12:52:00 AM
o-Xylene	0.33	0.15		ppbV	1	3/3/2018 12:52:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Tetrachloroethylene	0.47	0.15		ppbV	1	3/3/2018 12:52:00 AM
Tetrahydrofuran	0.89	0.15		ppbV	1	3/3/2018 12:52:00 AM
Toluene	2.0	1.5		ppbV	10	3/3/2018 11:06:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 12:52:00 AM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	3/3/2018 12:52:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV101
Lab Order:	C1803003	**Tag Number:**	106.388
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	1.5	0.82		ug/m3	1	3/3/2018 12:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/3/2018 12:52:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/3/2018 12:52:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 12:52:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 12:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/3/2018 12:52:00 AM
1,2,4-Trimethylbenzene	1.5	0.74		ug/m3	1	3/3/2018 12:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/3/2018 12:52:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 12:52:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 12:52:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/3/2018 12:52:00 AM
1,3,5-Trimethylbenzene	0.59	0.74	J	ug/m3	1	3/3/2018 12:52:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/3/2018 12:52:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 12:52:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 12:52:00 AM
1,4-Dioxane	< 1.1	1.10	LCS-L	ug/m3	1	3/3/2018 12:52:00 AM
2,2,4-trimethylpentane	1.4	0.70		ug/m3	1	3/3/2018 12:52:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/3/2018 12:52:00 AM
Acetone	45	7.1		ug/m3	10	3/3/2018 11:06:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/3/2018 12:52:00 AM
Benzene	1.1	0.48		ug/m3	1	3/3/2018 12:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/3/2018 12:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/3/2018 12:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/3/2018 12:52:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/3/2018 12:52:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/3/2018 12:52:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/3/2018 12:52:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/3/2018 12:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/3/2018 12:52:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/3/2018 12:52:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	3/3/2018 12:52:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 12:52:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 12:52:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/3/2018 12:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/3/2018 12:52:00 AM
Ethyl acetate	9.4	5.4		ug/m3	10	3/3/2018 11:06:00 PM
Ethylbenzene	1.1	0.65		ug/m3	1	3/3/2018 12:52:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/3/2018 12:52:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/3/2018 12:52:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/3/2018 12:52:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV101
Lab Order:	C1803003	**Tag Number:**	106.388
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.8	0.74		ug/m3	1	3/3/2018 12:52:00 AM
Heptane	1.1	0.61		ug/m3	1	3/3/2018 12:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/3/2018 12:52:00 AM
Hexane	1.8	0.53		ug/m3	1	3/3/2018 12:52:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/3/2018 12:52:00 AM
m&p-Xylene	4.0	1.3		ug/m3	1	3/3/2018 12:52:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ LCS-L	ug/m3	1	3/3/2018 12:52:00 AM
Methyl Ethyl Ketone	7.7	8.8	J	ug/m3	10	3/3/2018 11:06:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ LCS-L	ug/m3	1	3/3/2018 12:52:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/3/2018 12:52:00 AM
Methylene chloride	0.63	0.52	J LCS RPD	ug/m3	1	3/3/2018 12:52:00 AM
o-Xylene	1.4	0.65		ug/m3	1	3/3/2018 12:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/3/2018 12:52:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/3/2018 12:52:00 AM
Tetrachloroethylene	3.2	1.0		ug/m3	1	3/3/2018 12:52:00 AM
Tetrahydrofuran	2.6	0.44		ug/m3	1	3/3/2018 12:52:00 AM
Toluene	7.5	5.7		ug/m3	10	3/3/2018 11:06:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 12:52:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 12:52:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/3/2018 12:52:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/3/2018 12:52:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/3/2018 12:52:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/3/2018 12:52:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV102
Lab Order:	C1803003	**Tag Number:**	101433
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	3.5	1.4		ppbV	9	3/3/2018 11:46:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,2,4-Trimethylbenzene	0.27	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,3,5-Trimethylbenzene	0.14	0.15	J	ppbV	1	3/3/2018 1:33:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/3/2018 1:33:00 AM
2,2,4-trimethylpentane	0.89	0.15		ppbV	1	3/3/2018 1:33:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Acetone	58	27		ppbV	90	3/4/2018 12:23:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Benzene	0.73	0.15		ppbV	1	3/3/2018 1:33:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Chloromethane	0.14	0.15	J	ppbV	1	3/3/2018 1:33:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Cyclohexane	1.6	0.15		ppbV	1	3/3/2018 1:33:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Ethyl acetate	3.4	1.4		ppbV	9	3/3/2018 11:46:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV102
Lab Order:	C1803003	**Tag Number:**	101433
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.36	0.15		ppbV	1	3/3/2018 1:33:00 AM
Freon 11	0.21	0.15		ppbV	1	3/3/2018 1:33:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Freon 12	0.45	0.15		ppbV	1	3/3/2018 1:33:00 AM
Heptane	2.2	1.4		ppbV	9	3/3/2018 11:46:00 PM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Hexane	1.9	0.15		ppbV	1	3/3/2018 1:33:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
m&p-Xylene	1.3	0.30		ppbV	1	3/3/2018 1:33:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 1:33:00 AM
Methyl Ethyl Ketone	72	27		ppbV	90	3/4/2018 12:23:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 1:33:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Methylene chloride	0.30	0.15		ppbV	1	3/3/2018 1:33:00 AM
o-Xylene	0.42	0.15		ppbV	1	3/3/2018 1:33:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Tetrachloroethylene	0.32	0.15		ppbV	1	3/3/2018 1:33:00 AM
Tetrahydrofuran	3.2	1.4		ppbV	9	3/3/2018 11:46:00 PM
Toluene	3.1	1.4		ppbV	9	3/3/2018 11:46:00 PM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 1:33:00 AM
Surr: Bromofluorobenzene	88.0	70-130		%REC	1	3/3/2018 1:33:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV102
Lab Order:	C1803003	**Tag Number:**	101.433
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	19	7.6	J-FD	ug/m3	9	3/3/2018 11:46:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/3/2018 1:33:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/3/2018 1:33:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 1:33:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 1:33:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/3/2018 1:33:00 AM
1,2,4-Trimethylbenzene	1.3	0.74	J-FD	ug/m3	1	3/3/2018 1:33:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/3/2018 1:33:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 1:33:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 1:33:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/3/2018 1:33:00 AM
1,3,5-Trimethylbenzene	0.69	0.74	J	ug/m3	1	3/3/2018 1:33:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/3/2018 1:33:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 1:33:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 1:33:00 AM
1,4-Dioxane	< 1.1	1.1	J-LCS-L	ug/m3	1	3/3/2018 1:33:00 AM
2,2,4-trimethylpentane	4.2	0.70		ug/m3	1	3/3/2018 1:33:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/3/2018 1:33:00 AM
Acetone	140	64	J-FD	ug/m3	90	3/4/2018 12:23:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/3/2018 1:33:00 AM
Benzene	2.3	0.48		ug/m3	1	3/3/2018 1:33:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/3/2018 1:33:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/3/2018 1:33:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/3/2018 1:33:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/3/2018 1:33:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/3/2018 1:33:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/3/2018 1:33:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/3/2018 1:33:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/3/2018 1:33:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/3/2018 1:33:00 AM
Chloromethane	0.29	0.31	J	ug/m3	1	3/3/2018 1:33:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 1:33:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 1:33:00 AM
Cyclohexane	5.4	0.52	J-FD	ug/m3	1	3/3/2018 1:33:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/3/2018 1:33:00 AM
Ethyl acetate	12	5.0	J-FD	ug/m3	9	3/3/2018 11:46:00 PM
Ethylbenzene	1.6	0.65		ug/m3	1	3/3/2018 1:33:00 AM
Freon 11	1.2	0.84		ug/m3	1	3/3/2018 1:33:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/3/2018 1:33:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/3/2018 1:33:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV102
Lab Order:	C1803003	**Tag Number:**	101433
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Freon 12	2.2	0.74		ug/m3	1	3/3/2018 1:33:00 AM
Heptane	9.2	5.7		ug/m3	9	3/3/2018 11:46:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/3/2018 1:33:00 AM
Hexane	6.6	0.53	J-FD	ug/m3	1	3/3/2018 1:33:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/3/2018 1:33:00 AM
m&p-Xylene	5.6	1.3		ug/m3	1	3/3/2018 1:33:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 1:33:00 AM
Methyl Ethyl Ketone	210	80	J-FD	ug/m3	90	3/4/2018 12:23:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 1:33:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/3/2018 1:33:00 AM
Methylene chloride	1.0	0.52	J-FD	ug/m3	1	3/3/2018 1:33:00 AM
o-Xylene	1.8	0.65		ug/m3	1	3/3/2018 1:33:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/3/2018 1:33:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/3/2018 1:33:00 AM
Tetrachloroethylene	2.2	1.0	J-FD	ug/m3	1	3/3/2018 1:33:00 AM
Tetrahydrofuran	9.6	4.1	J-FD	ug/m3	9	3/3/2018 11:46:00 PM
Toluene	12	5.3		ug/m3	9	3/3/2018 11:46:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 1:33:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 1:33:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/3/2018 1:33:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/3/2018 1:33:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/3/2018 1:33:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/3/2018 1:33:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV103
Lab Order:	C1803003	**Tag Number:**	163.390
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	1.8	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,2,4-Trimethylbenzene	0.49	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,3,5-Trimethylbenzene	0.18	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/3/2018 2:13:00 AM
2,2,4-trimethylpentane	0.77	0.15		ppbV	1	3/3/2018 2:13:00 AM
4-ethyltoluene	0.11	0.15	J	ppbV	1	3/3/2018 2:13:00 AM
Acetone	32	27		ppbV	90	3/4/2018 1:40:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Benzene	0.80	0.15		ppbV	1	3/3/2018 2:13:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Cyclohexane	1.1	0.15		ppbV	1	3/3/2018 2:13:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Ethyl acetate	2.2	1.4		ppbV	9	3/4/2018 1:03:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV103
Lab Order:	C1803003	**Tag Number:**	163.390
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.39	0.15		ppbV	1	3/3/2018 2:13:00 AM
Freon 11	0.23	0.15		ppbV	1	3/3/2018 2:13:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Freon 12	0.51	0.15		ppbV	1	3/3/2018 2:13:00 AM
Heptane	1.9	1.4		ppbV	9	3/4/2018 1:03:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Hexane	2.7	1.4		ppbV	9	3/4/2018 1:03:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
m&p-Xylene	1.4	0.30		ppbV	1	3/3/2018 2:13:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 2:13:00 AM
Methyl Ethyl Ketone	43	27		ppbV	90	3/4/2018 1:40:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 2:13:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Methylene chloride	1.3	0.15		ppbV	1	3/3/2018 2:13:00 AM
o-Xylene	0.47	0.15		ppbV	1	3/3/2018 2:13:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	3/3/2018 2:13:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Toluene	3.4	1.4		ppbV	9	3/4/2018 1:03:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 2:13:00 AM
Surr: Bromofluorobenzene	88.0	70-130		%REC	1	3/3/2018 2:13:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV103
Lab Order:	C1803003	**Tag Number:**	163.390
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	10	0.82	J-FD	ug/m3	1	3/3/2018 2:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/3/2018 2:13:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/3/2018 2:13:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 2:13:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 2:13:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/3/2018 2:13:00 AM
1,2,4-Trimethylbenzene	2.4	0.74	J-FD	ug/m3	1	3/3/2018 2:13:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/3/2018 2:13:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 2:13:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 2:13:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/3/2018 2:13:00 AM
1,3,5-Trimethylbenzene	0.88	0.74		ug/m3	1	3/3/2018 2:13:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/3/2018 2:13:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 2:13:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 2:13:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/3/2018 2:13:00 AM
2,2,4-trimethylpentane	3.6	0.70		ug/m3	1	3/3/2018 2:13:00 AM
4-ethyltoluene	0.54	0.74	J	ug/m3	1	3/3/2018 2:13:00 AM
Acetone	77	64	J-FD	ug/m3	90	3/4/2018 1:40:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/3/2018 2:13:00 AM
Benzene	2.6	0.48		ug/m3	1	3/3/2018 2:13:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/3/2018 2:13:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/3/2018 2:13:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/3/2018 2:13:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/3/2018 2:13:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/3/2018 2:13:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/3/2018 2:13:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/3/2018 2:13:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/3/2018 2:13:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/3/2018 2:13:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	3/3/2018 2:13:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 2:13:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 2:13:00 AM
Cyclohexane	3.7	0.52	J-FD	ug/m3	1	3/3/2018 2:13:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/3/2018 2:13:00 AM
Ethyl acetate	7.8	5.0	J-FD	ug/m3	9	3/4/2018 1:03:00 AM
Ethylbenzene	1.7	0.65		ug/m3	1	3/3/2018 2:13:00 AM
Freon 11	1.3	0.84		ug/m3	1	3/3/2018 2:13:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/3/2018 2:13:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/3/2018 2:13:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-SV103
Lab Order:	C1803003	**Tag Number:**	163.390
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	2.5	0.74		ug/m3	1	3/3/2018 2:13:00 AM
Heptane	7.7	5.7		ug/m3	9	3/4/2018 1:03:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/3/2018 2:13:00 AM
Hexane	9.5	4.9	J-FD	ug/m3	9	3/4/2018 1:03:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/3/2018 2:13:00 AM
m&p-Xylene	6.2	1.3		ug/m3	1	3/3/2018 2:13:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 2:13:00 AM
Methyl Ethyl Ketone	130	80	J-FD	ug/m3	90	3/4/2018 1:40:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 2:13:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/3/2018 2:13:00 AM
Methylene chloride	4.4	0.52	J-LCS-	ug/m3 RPD, FD	1	3/3/2018 2:13:00 AM
o-Xylene	2.0	0.65		ug/m3	1	3/3/2018 2:13:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/3/2018 2:13:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/3/2018 2:13:00 AM
Tetrachloroethylene	0.88	1.0	J-FD	ug/m3	1	3/3/2018 2:13:00 AM
Tetrahydrofuran	< 0.44	0.44	UJ-FD	ug/m3	1	3/3/2018 2:13:00 AM
Toluene	13	5.3		ug/m3	9	3/4/2018 1:03:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 2:13:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 2:13:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	3/3/2018 2:13:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/3/2018 2:13:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/3/2018 2:13:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/3/2018 2:13:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA100
Lab Order:	C1803003	**Tag Number:**	552.453
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-017A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 2:45:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 2:45:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,2,4-Trimethylbenzene	0.26	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,2-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,3,5-Trimethylbenzene	0.11	0.15	J	ppbV	1	3/2/2018 2:45:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 2:45:00 AM
2,2,4-trimethylpentane	0.74	0.15		ppbV	1	3/2/2018 2:45:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Acetone	16	3.0		ppbV	10	3/3/2018 9:46:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Benzene	0.46	0.15		ppbV	1	3/2/2018 2:45:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Carbon tetrachloride	0.090	0.030		ppbV	1	3/2/2018 2:45:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Chloromethane	0.42	0.15		ppbV	1	3/2/2018 2:45:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 2:45:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Cyclohexane	0.18	0.15		ppbV	1	3/2/2018 2:45:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Ethyl acetate	0.45	0.15		ppbV	1	3/2/2018 2:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA100
Lab Order:	C1803003	**Tag Number:**	552.453
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-017A	**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	0.23	0.15		ppbV	1	3/2/2018 2:45:00 AM
Freon 11	0.23	0.15		ppbV	1	3/2/2018 2:45:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Freon 12	0.52	0.15		ppbV	1	3/2/2018 2:45:00 AM
Heptane	0.41	0.15		ppbV	1	3/2/2018 2:45:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Hexane	1.2	0.15		ppbV	1	3/2/2018 2:45:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
m&p-Xylene	0.70	0.30		ppbV	1	3/2/2018 2:45:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 2:45:00 AM
Methyl Ethyl Ketone	0.62	0.30		ppbV	1	3/2/2018 2:45:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 2:45:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Methylene chloride	0.35	0.15		ppbV	1	3/2/2018 2:45:00 AM
o-Xylene	0.25	0.15		ppbV	1	3/2/2018 2:45:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Toluene	1.4	0.15		ppbV	1	3/2/2018 2:45:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 2:45:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 2:45:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 2:45:00 AM
Surr: Bromofluorobenzene	89.0	70-130		%REC	1	3/2/2018 2:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA100
Lab Order:	C1803003	**Tag Number:**	552.453
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-017A	**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	3/2/2018 2:45:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 2:45:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 2:45:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 2:45:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 2:45:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 2:45:00 AM
1,2,4-Trimethylbenzene	1.3	0.74		ug/m3	1	3/2/2018 2:45:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 2:45:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 2:45:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 2:45:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 2:45:00 AM
1,3,5-Trimethylbenzene	0.54	0.74	J	ug/m3	1	3/2/2018 2:45:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 2:45:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 2:45:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 2:45:00 AM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	3/2/2018 2:45:00 AM
2,2,4-trimethylpentane	3.5	0.70		ug/m3	1	3/2/2018 2:45:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 2:45:00 AM
Acetone	37	7.1		ug/m3	10	3/3/2018 9:46:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 2:45:00 AM
Benzene	1.5	0.48		ug/m3	1	3/2/2018 2:45:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 2:45:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 2:45:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 2:45:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 2:45:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 2:45:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/2/2018 2:45:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 2:45:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 2:45:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 2:45:00 AM
Chloromethane	0.87	0.31		ug/m3	1	3/2/2018 2:45:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 2:45:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 2:45:00 AM
Cyclohexane	0.62	0.52		ug/m3	1	3/2/2018 2:45:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 2:45:00 AM
Ethyl acetate	1.6	0.54		ug/m3	1	3/2/2018 2:45:00 AM
Ethylbenzene	1.0	0.65		ug/m3	1	3/2/2018 2:45:00 AM
Freon 11	1.3	0.84		ug/m3	1	3/2/2018 2:45:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 2:45:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 2:45:00 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

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA100
Lab Order:	C1803003	**Tag Number:**	552.453
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-017A	**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	2.6	0.74		ug/m3	1	3/2/2018 2:45:00 AM
Heptane	1.7	0.61		ug/m3	1	3/2/2018 2:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 2:45:00 AM
Hexane	4.4	0.53		ug/m3	1	3/2/2018 2:45:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 2:45:00 AM
m&p-Xylene	3.0	1.3		ug/m3	1	3/2/2018 2:45:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 2:45:00 AM
Methyl Ethyl Ketone	1.8	0.88		ug/m3	1	3/2/2018 2:45:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 2:45:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 2:45:00 AM
Methylene chloride	1.2	0.52		ug/m3	1	3/2/2018 2:45:00 AM
o-Xylene	1.1	0.65		ug/m3	1	3/2/2018 2:45:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 2:45:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 2:45:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 2:45:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 2:45:00 AM
Toluene	5.4	0.57		ug/m3	1	3/2/2018 2:45:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 2:45:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 2:45:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 2:45:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 2:45:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 2:45:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 2:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA101
Lab Order:	C1803003	**Tag Number:**	85.399
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-018A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 3:25:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 3:25:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,2,4-Trimethylbenzene	0.24	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 3:25:00 AM
2,2,4-trimethylpentane	0.74	0.15		ppbV	1	3/2/2018 3:25:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Acetone	19	3.0		ppbV	10	3/3/2018 10:23:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Benzene	0.51	0.15		ppbV	1	3/2/2018 3:25:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 3:25:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Chloromethane	0.62	0.15		ppbV	1	3/2/2018 3:25:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 3:25:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Cyclohexane	0.19	0.15		ppbV	1	3/2/2018 3:25:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Ethyl acetate	0.20	0.15		ppbV	1	3/2/2018 3:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA101
Lab Order:	C1803003	**Tag Number:**	85.399
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-018A	**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	0.20	0.15		ppbV	1	3/2/2018 3:25:00 AM
Freon 11	0.26	0.15		ppbV	1	3/2/2018 3:25:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Freon 12	0.54	0.15		ppbV	1	3/2/2018 3:25:00 AM
Heptane	0.36	0.15		ppbV	1	3/2/2018 3:25:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Hexane	1.4	0.15		ppbV	1	3/2/2018 3:25:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
m&p-Xylene	0.65	0.30		ppbV	1	3/2/2018 3:25:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 3:25:00 AM
Methyl Ethyl Ketone	0.57	0.30		ppbV	1	3/2/2018 3:25:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 3:25:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Methylene chloride	0.27	0.15		ppbV	1	3/2/2018 3:25:00 AM
o-Xylene	0.23	0.15		ppbV	1	3/2/2018 3:25:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Toluene	1.4	0.15		ppbV	1	3/2/2018 3:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 3:25:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 3:25:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 3:25:00 AM
Surr: Bromofluorobenzene	89.0	70-130		%REC	1	3/2/2018 3:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA101
Lab Order:	C1803003	**Tag Number:**	85.399
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-018A	**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	3/2/2018 3:25:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 3:25:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 3:25:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 3:25:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 3:25:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 3:25:00 AM
1,2,4-Trimethylbenzene	1.2	0.74		ug/m3	1	3/2/2018 3:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 3:25:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 3:25:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 3:25:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 3:25:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 3:25:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 3:25:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 3:25:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 3:25:00 AM
1,4-Dioxane	< 1.1	1.1	U-LCS-L	ug/m3	1	3/2/2018 3:25:00 AM
2,2,4-trimethylpentane	3.5	0.70		ug/m3	1	3/2/2018 3:25:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 3:25:00 AM
Acetone	45	7.1		ug/m3	10	3/3/2018 10:23:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 3:25:00 AM
Benzene	1.6	0.48		ug/m3	1	3/2/2018 3:25:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 3:25:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 3:25:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 3:25:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 3:25:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 3:25:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 3:25:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 3:25:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 3:25:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 3:25:00 AM
Chloromethane	1.3	0.31		ug/m3	1	3/2/2018 3:25:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 3:25:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 3:25:00 AM
Cyclohexane	0.65	0.52		ug/m3	1	3/2/2018 3:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 3:25:00 AM
Ethyl acetate	0.72	0.54		ug/m3	1	3/2/2018 3:25:00 AM
Ethylbenzene	0.87	0.65		ug/m3	1	3/2/2018 3:25:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 3:25:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 3:25:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 3:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA101
Lab Order:	C1803003	**Tag Number:**	85.399
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-018A	**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	3/2/2018 3:25:00 AM
Heptane	1.5	0.61		ug/m3	1	3/2/2018 3:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 3:25:00 AM
Hexane	5.0	0.53		ug/m3	1	3/2/2018 3:25:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 3:25:00 AM
m&p-Xylene	2.8	1.3		ug/m3	1	3/2/2018 3:25:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 3:25:00 AM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	3/2/2018 3:25:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 3:25:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 3:25:00 AM
Methylene chloride	0.94	0.52		ug/m3	1	3/2/2018 3:25:00 AM
o-Xylene	1.0	0.65		ug/m3	1	3/2/2018 3:25:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 3:25:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 3:25:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 3:25:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 3:25:00 AM
Toluene	5.3	0.57		ug/m3	1	3/2/2018 3:25:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 3:25:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 3:25:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 3:25:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 3:25:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 3:25:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 3:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA102
Lab Order:	C1803003	**Tag Number:**	290.374
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-019A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 4:05:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 4:05:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,2,4-Trimethylbenzene	0.47	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,3,5-Trimethylbenzene	0.14	0.15	J	ppbV	1	3/2/2018 4:05:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 4:05:00 AM
2,2,4-trimethylpentane	1.0	0.15		ppbV	1	3/2/2018 4:05:00 AM
4-ethyltoluene	0.12	0.15	J	ppbV	1	3/2/2018 4:05:00 AM
Acetone	36	3.0		ppbV	10	3/3/2018 11:00:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Benzene	1.3	0.15		ppbV	1	3/2/2018 4:05:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 4:05:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Chloromethane	0.40	0.15		ppbV	1	3/2/2018 4:05:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 4:05:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Cyclohexane	0.73	0.15		ppbV	1	3/2/2018 4:05:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Ethyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA102
Lab Order:	C1803003	**Tag Number:**	290,374
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-019A	**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	0.43	0.15		ppbV	1	3/2/2018 4:05:00 AM
Freon 11	0.61	0.15		ppbV	1	3/2/2018 4:05:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Freon 12	0.56	0.15		ppbV	1	3/2/2018 4:05:00 AM
Heptane	0.89	0.15		ppbV	1	3/2/2018 4:05:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Hexane	3.8	1.5		ppbV	10	3/3/2018 11:00:00 AM
Isopropyl alcohol	0.78	0.15		ppbV	1	3/2/2018 4:05:00 AM
m&p-Xylene	1.6	0.30		ppbV	1	3/2/2018 4:05:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 4:05:00 AM
Methyl Ethyl Ketone	0.75	0.30		ppbV	1	3/2/2018 4:05:00 AM
Methyl Isobutyl Ketone	0.14	0.30	J	ppbV	1	3/2/2018 4:05:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Methylene chloride	0.21	0.15		ppbV	1	3/2/2018 4:05:00 AM
o-Xylene	0.53	0.15		ppbV	1	3/2/2018 4:05:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Toluene	3.1	1.5		ppbV	10	3/3/2018 11:00:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 4:05:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 4:05:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 4:05:00 AM
Surr: Bromofluorobenzene	92.0	70-130		%REC	1	3/2/2018 4:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA102
Lab Order:	C1803003	**Tag Number:**	290.374
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-019A	**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	3/2/2018 4:05:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 4:05:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 4:05:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 4:05:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 4:05:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 4:05:00 AM
1,2,4-Trimethylbenzene	2.3	0.74		ug/m3	1	3/2/2018 4:05:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 4:05:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 4:05:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 4:05:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 4:05:00 AM
1,3,5-Trimethylbenzene	0.69	0.74	J	ug/m3	1	3/2/2018 4:05:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 4:05:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 4:05:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 4:05:00 AM
1,4-Dioxane	< 1.1	1.1	W-LCS-L	ug/m3	1	3/2/2018 4:05:00 AM
2,2,4-trimethylpentane	4.9	0.70		ug/m3	1	3/2/2018 4:05:00 AM
4-ethyltoluene	0.59	0.74	J	ug/m3	1	3/2/2018 4:05:00 AM
Acetone	86	7.1		ug/m3	10	3/3/2018 11:00:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 4:05:00 AM
Benzene	4.2	0.48		ug/m3	1	3/2/2018 4:05:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 4:05:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 4:05:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 4:05:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 4:05:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 4:05:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 4:05:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 4:05:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 4:05:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 4:05:00 AM
Chloromethane	0.83	0.31		ug/m3	1	3/2/2018 4:05:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 4:05:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 4:05:00 AM
Cyclohexane	2.5	0.52		ug/m3	1	3/2/2018 4:05:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 4:05:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/2/2018 4:05:00 AM
Ethylbenzene	1.9	0.65		ug/m3	1	3/2/2018 4:05:00 AM
Freon 11	3.4	0.84		ug/m3	1	3/2/2018 4:05:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 4:05:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 4:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-1A102
Lab Order:	C1803003	**Tag Number:**	290.374
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-019A	**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	3/2/2018 4:05:00 AM
Heptane	3.6	0.61		ug/m3	1	3/2/2018 4:05:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 4:05:00 AM
Hexane	13	5.3		ug/m3	10	3/3/2018 11:00:00 AM
Isopropyl alcohol	1.9	0.37		ug/m3	1	3/2/2018 4:05:00 AM
m&p-Xylene	6.7	1.3		ug/m3	1	3/2/2018 4:05:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 4:05:00 AM
Methyl Ethyl Ketone	2.2	0.88		ug/m3	1	3/2/2018 4:05:00 AM
Methyl Isobutyl Ketone	0.57	1.2	J-LCS-L	ug/m3	1	3/2/2018 4:05:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 4:05:00 AM
Methylene chloride	0.73	0.52		ug/m3	1	3/2/2018 4:05:00 AM
o-Xylene	2.3	0.65		ug/m3	1	3/2/2018 4:05:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 4:05:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 4:05:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 4:05:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 4:05:00 AM
Toluene	12	5.7		ug/m3	10	3/3/2018 11:00:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 4:05:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 4:05:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 4:05:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 4:05:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 4:05:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 4:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA103
Lab Order:	C1803003	**Tag Number:**	567.439
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-020A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-4			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 4:45:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 4:45:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,2,4-Trimethylbenzene	0.37	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 4:45:00 AM
2,2,4-trimethylpentane	0.75	0.15		ppbV	1	3/2/2018 4:45:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Acetone	44	3.0		ppbV	10	3/3/2018 11:37:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Benzene	0.76	0.15		ppbV	1	3/2/2018 4:45:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Carbon tetrachloride	0.090	0.030		ppbV	1	3/2/2018 4:45:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Chloromethane	0.47	0.15		ppbV	1	3/2/2018 4:45:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 4:45:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Cyclohexane	2.4	1.5		ppbV	10	3/3/2018 11:37:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Ethyl acetate	0.25	0.15		ppbV	1	3/2/2018 4:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	Client Sample ID:	OU2E-153-IA103
Lab Order:	C1803003	Tag Number:	567.439
Project:	Elk Street Buffalo - SVI	Collection Date:	2/28/2018
Lab ID:	C1803003-020A	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	0.32	0.15		ppbV	1	3/2/2018 4:45:00 AM
Freon 11	0.25	0.15		ppbV	1	3/2/2018 4:45:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Freon 12	0.52	0.15		ppbV	1	3/2/2018 4:45:00 AM
Heptane	0.53	0.15		ppbV	1	3/2/2018 4:45:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Hexane	1.8	0.15		ppbV	1	3/2/2018 4:45:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
m&p-Xylene	1.1	0.30		ppbV	1	3/2/2018 4:45:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 4:45:00 AM
Methyl Ethyl Ketone	0.88	0.30		ppbV	1	3/2/2018 4:45:00 AM
Methyl Isobutyl Ketone	0.13	0.30	J	ppbV	1	3/2/2018 4:45:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Methylene chloride	0.23	0.15		ppbV	1	3/2/2018 4:45:00 AM
o-Xylene	0.37	0.15		ppbV	1	3/2/2018 4:45:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Toluene	2.2	1.5		ppbV	10	3/3/2018 11:37:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 4:45:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 4:45:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 4:45:00 AM
Surr: Bromofluorobenzene	87.0	70-130		%REC	1	3/2/2018 4:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA103
Lab Order:	C1803003	**Tag Number:**	567.439
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-020A	**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	3/2/2018 4:45:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 4:45:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 4:45:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 4:45:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 4:45:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 4:45:00 AM
1,2,4-Trimethylbenzene	1.8	0.74		ug/m3	1	3/2/2018 4:45:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 4:45:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 4:45:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 4:45:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 4:45:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 4:45:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 4:45:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 4:45:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 4:45:00 AM
1,4-Dioxane	< 1.1	1.1	U-LCS-L	ug/m3	1	3/2/2018 4:45:00 AM
2,2,4-trimethylpentane	3.5	0.70		ug/m3	1	3/2/2018 4:45:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 4:45:00 AM
Acetone	110	7.1		ug/m3	10	3/3/2018 11:37:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 4:45:00 AM
Benzene	2.4	0.48		ug/m3	1	3/2/2018 4:45:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 4:45:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 4:45:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 4:45:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 4:45:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 4:45:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/2/2018 4:45:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 4:45:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 4:45:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 4:45:00 AM
Chloromethane	0.97	0.31		ug/m3	1	3/2/2018 4:45:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 4:45:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 4:45:00 AM
Cyclohexane	8.3	5.2		ug/m3	10	3/3/2018 11:37:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 4:45:00 AM
Ethyl acetate	0.90	0.54		ug/m3	1	3/2/2018 4:45:00 AM
Ethylbenzene	1.4	0.65		ug/m3	1	3/2/2018 4:45:00 AM
Freon 11	1.4	0.84		ug/m3	1	3/2/2018 4:45:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 4:45:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 4:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-153-IA103
Lab Order:	C1803003	**Tag Number:**	567.439
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-020A	**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	2.6	0.74		ug/m3	1	3/2/2018 4:45:00 AM
Heptane	2.2	0.61		ug/m3	1	3/2/2018 4:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 4:45:00 AM
Hexane	6.4	0.53		ug/m3	1	3/2/2018 4:45:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 4:45:00 AM
m&p-Xylene	4.9	1.3		ug/m3	1	3/2/2018 4:45:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 4:45:00 AM
Methyl Ethyl Ketone	2.6	0.88		ug/m3	1	3/2/2018 4:45:00 AM
Methyl Isobutyl Ketone	0.53	1.2	J-LCS-L	ug/m3	1	3/2/2018 4:45:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 4:45:00 AM
Methylene chloride	0.80	0.52		ug/m3	1	3/2/2018 4:45:00 AM
o-Xylene	1.6	0.65		ug/m3	1	3/2/2018 4:45:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 4:45:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 4:45:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 4:45:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 4:45:00 AM
Toluene	8.3	5.7		ug/m3	10	3/3/2018 11:37:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 4:45:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 4:45:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 4:45:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 4:45:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 4:45:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 4:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV100
Lab Order:	C1803003	**Tag Number:**	336.1168
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-021A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-8			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,2,4-Trimethylbenzene	0.13	0.15	J	ppbV	1	3/3/2018 2:54:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/3/2018 2:54:00 AM
2,2,4-trimethylpentane	2.1	0.15		ppbV	1	3/3/2018 2:54:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Acetone	48	27		ppbV	90	3/4/2018 2:56:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Benzene	0.95	0.15		ppbV	1	3/3/2018 2:54:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Carbon disulfide	1.2	0.15		ppbV	1	3/3/2018 2:54:00 AM
Carbon tetrachloride	0.16	0.15		ppbV	1	3/3/2018 2:54:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Chloroform	7.8	1.4		ppbV	9	3/4/2018 2:20:00 AM
Chloromethane	0.12	0.15	J	ppbV	1	3/3/2018 2:54:00 AM
cis-1,2-Dichloroethene	0.25	0.15		ppbV	1	3/3/2018 2:54:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Cyclohexane	2.0	1.4		ppbV	9	3/4/2018 2:20:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Ethyl acetate	2.2	1.4		ppbV	9	3/4/2018 2:20:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV100
Lab Order:	C1803003	**Tag Number:**	336.1168
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-021A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Freon 11	0.29	0.15		ppbV	1	3/3/2018 2:54:00 AM
Freon 113	4.8	1.4		ppbV	9	3/4/2018 2:20:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Freon 12	0.53	0.15		ppbV	1	3/3/2018 2:54:00 AM
Heptane	4.2	1.4		ppbV	9	3/4/2018 2:20:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Hexane	7.3	1.4		ppbV	9	3/4/2018 2:20:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
m&p-Xylene	0.45	0.30		ppbV	1	3/3/2018 2:54:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 2:54:00 AM
Methyl Ethyl Ketone	23	27	J	ppbV	90	3/4/2018 2:56:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 2:54:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Methylene chloride	0.30	0.15		ppbV	1	3/3/2018 2:54:00 AM
o-Xylene	0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Tetrachloroethylene	0.22	0.15		ppbV	1	3/3/2018 2:54:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Toluene	1.8	0.15		ppbV	1	3/3/2018 2:54:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Trichloroethene	2.2	1.4		ppbV	9	3/4/2018 2:20:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 2:54:00 AM
Surr: Bromofluorobenzene	88.0	70-130		%REC	1	3/3/2018 2:54:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV100
Lab Order:	C1803003	**Tag Number:**	336.1168
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-021A	**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	3/3/2018 2:54:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/3/2018 2:54:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/3/2018 2:54:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 2:54:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 2:54:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/3/2018 2:54:00 AM
1,2,4-Trimethylbenzene	0.64	0.74	J	ug/m3	1	3/3/2018 2:54:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/3/2018 2:54:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 2:54:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 2:54:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/3/2018 2:54:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/3/2018 2:54:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/3/2018 2:54:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 2:54:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 2:54:00 AM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	3/3/2018 2:54:00 AM
2,2,4-trimethylpentane	9.7	0.70		ug/m3	1	3/3/2018 2:54:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/3/2018 2:54:00 AM
Acetone	110	64		ug/m3	90	3/4/2018 2:56:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/3/2018 2:54:00 AM
Benzene	3.0	0.48		ug/m3	1	3/3/2018 2:54:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/3/2018 2:54:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/3/2018 2:54:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/3/2018 2:54:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/3/2018 2:54:00 AM
Carbon disulfide	3.8	0.47		ug/m3	1	3/3/2018 2:54:00 AM
Carbon tetrachloride	1.0	0.94		ug/m3	1	3/3/2018 2:54:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/3/2018 2:54:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/3/2018 2:54:00 AM
Chloroform	38	6.8		ug/m3	9	3/4/2018 2:20:00 AM
Chloromethane	0.25	0.31	J	ug/m3	1	3/3/2018 2:54:00 AM
cis-1,2-Dichloroethene	0.99	0.59		ug/m3	1	3/3/2018 2:54:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 2:54:00 AM
Cyclohexane	6.8	4.8		ug/m3	9	3/4/2018 2:20:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/3/2018 2:54:00 AM
Ethyl acetate	8.1	5.0		ug/m3	9	3/4/2018 2:20:00 AM
Ethylbenzene	0.65	0.65		ug/m3	1	3/3/2018 2:54:00 AM
Freon 11	1.6	0.84		ug/m3	1	3/3/2018 2:54:00 AM
Freon 113	37	11		ug/m3	9	3/4/2018 2:20:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/3/2018 2:54:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV100
Lab Order:	C1803003	**Tag Number:**	336.1168
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-021A	**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	3/3/2018 2:54:00 AM
Heptane	17	5.7		ug/m3	9	3/4/2018 2:20:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/3/2018 2:54:00 AM
Hexane	26	4.9		ug/m3	9	3/4/2018 2:20:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/3/2018 2:54:00 AM
m&p-Xylene	2.0	1.3		ug/m3	1	3/3/2018 2:54:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 2:54:00 AM
Methyl Ethyl Ketone	69	80	J	ug/m3	90	3/4/2018 2:56:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/3/2018 2:54:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/3/2018 2:54:00 AM
Methylene chloride	1.0	0.52	J-LCS-RPD	ug/m3	1	3/3/2018 2:54:00 AM
o-Xylene	0.65	0.65		ug/m3	1	3/3/2018 2:54:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/3/2018 2:54:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/3/2018 2:54:00 AM
Tetrachloroethylene	1.5	1.0		ug/m3	1	3/3/2018 2:54:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/3/2018 2:54:00 AM
Toluene	6.9	0.57		ug/m3	1	3/3/2018 2:54:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 2:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 2:54:00 AM
Trichloroethene	12	7.5		ug/m3	9	3/4/2018 2:20:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/3/2018 2:54:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/3/2018 2:54:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/3/2018 2:54:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV101
Lab Order:	C1803003	**Tag Number:**	1183.372
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-022A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,2,4-Trimethylbenzene	0.14	0.15	J	ppbV	1	3/3/2018 3:34:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/3/2018 3:34:00 AM
2,2,4-trimethylpentane	0.81	0.15		ppbV	1	3/3/2018 3:34:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Acetone	46	27		ppbV	90	3/4/2018 4:13:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Benzene	2.0	0.15		ppbV	1	3/3/2018 3:34:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Carbon disulfide	0.98	0.15		ppbV	1	3/3/2018 3:34:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Chloroform	0.86	0.15		ppbV	1	3/3/2018 3:34:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Cyclohexane	4.5	1.4		ppbV	9	3/4/2018 3:36:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Ethyl acetate	1.9	0.15		ppbV	1	3/3/2018 3:34:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV101
Lab Order:	C1803003	**Tag Number:**	1183.372
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-022A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
Ethylbenzene	0.16	0.15		ppbV	1	3/3/2018 3:34:00 AM
Freon 11	0.28	0.15		ppbV	1	3/3/2018 3:34:00 AM
Freon 113	0.83	0.15		ppbV	1	3/3/2018 3:34:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Freon 12	0.54	0.15		ppbV	1	3/3/2018 3:34:00 AM
Heptane	4.9	1.4		ppbV	9	3/4/2018 3:36:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Hexane	9.3	1.4		ppbV	9	3/4/2018 3:36:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
m&p-Xylene	0.48	0.30		ppbV	1	3/3/2018 3:34:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 3:34:00 AM
Methyl Ethyl Ketone	11	2.7		ppbV	9	3/4/2018 3:36:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/3/2018 3:34:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Methylene chloride	0.21	0.15		ppbV	1	3/3/2018 3:34:00 AM
o-Xylene	0.17	0.15		ppbV	1	3/3/2018 3:34:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Tetrachloroethylene	0.13	0.15	J	ppbV	1	3/3/2018 3:34:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Toluene	2.8	1.4		ppbV	9	3/4/2018 3:36:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Trichloroethene	0.40	0.15		ppbV	1	3/3/2018 3:34:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	3/3/2018 3:34:00 AM
Surr: Bromofluorobenzene	87.0	70-130		%REC	1	3/3/2018 3:34:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV101
Lab Order:	C1803003	**Tag Number:**	1183.372
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-022A	**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	3/3/2018 3:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/3/2018 3:34:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/3/2018 3:34:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 3:34:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 3:34:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/3/2018 3:34:00 AM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	3/3/2018 3:34:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/3/2018 3:34:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 3:34:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/3/2018 3:34:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/3/2018 3:34:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/3/2018 3:34:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/3/2018 3:34:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 3:34:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/3/2018 3:34:00 AM
1,4-Dioxane	< 1.1	1.1	W-LCS-L	ug/m3	1	3/3/2018 3:34:00 AM
2,2,4-trimethylpentane	3.8	0.70		ug/m3	1	3/3/2018 3:34:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/3/2018 3:34:00 AM
Acetone	110	64		ug/m3	90	3/4/2018 4:13:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/3/2018 3:34:00 AM
Benzene	6.4	0.48		ug/m3	1	3/3/2018 3:34:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/3/2018 3:34:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/3/2018 3:34:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/3/2018 3:34:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/3/2018 3:34:00 AM
Carbon disulfide	3.1	0.47		ug/m3	1	3/3/2018 3:34:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/3/2018 3:34:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/3/2018 3:34:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/3/2018 3:34:00 AM
Chloroform	4.2	0.73		ug/m3	1	3/3/2018 3:34:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	3/3/2018 3:34:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 3:34:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 3:34:00 AM
Cyclohexane	15	4.8		ug/m3	9	3/4/2018 3:36:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/3/2018 3:34:00 AM
Ethyl acetate	7.0	0.54		ug/m3	1	3/3/2018 3:34:00 AM
Ethylbenzene	0.69	0.65		ug/m3	1	3/3/2018 3:34:00 AM
Freon 11	1.6	0.84		ug/m3	1	3/3/2018 3:34:00 AM
Freon 113	6.4	1.1		ug/m3	1	3/3/2018 3:34:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/3/2018 3:34:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-SV101
Lab Order:	C1803003	**Tag Number:**	1183.372
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-022A	**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	3/3/2018 3:34:00 AM
Heptane	20	5.7		ug/m3	9	3/4/2018 3:36:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/3/2018 3:34:00 AM
Hexane	33	4.9		ug/m3	9	3/4/2018 3:36:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/3/2018 3:34:00 AM
m&p-Xylene	2.1	1.3		ug/m3	1	3/3/2018 3:34:00 AM
Methyl Butyl Ketone	< 1.2	1.2	U-LCS-L	ug/m3	1	3/3/2018 3:34:00 AM
Methyl Ethyl Ketone	33	8.0		ug/m3	9	3/4/2018 3:36:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	U-LCS-L	ug/m3	1	3/3/2018 3:34:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/3/2018 3:34:00 AM
Methylene chloride	0.73	0.52	J-LCS-RPD	ug/m3	1	3/3/2018 3:34:00 AM
o-Xylene	0.74	0.65		ug/m3	1	3/3/2018 3:34:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/3/2018 3:34:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/3/2018 3:34:00 AM
Tetrachloroethylene	0.88	1.0	J	ug/m3	1	3/3/2018 3:34:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/3/2018 3:34:00 AM
Toluene	11	5.3		ug/m3	9	3/4/2018 3:36:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/3/2018 3:34:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/3/2018 3:34:00 AM
Trichloroethene	2.1	0.81		ug/m3	1	3/3/2018 3:34:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/3/2018 3:34:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/3/2018 3:34:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/3/2018 3:34:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA100
Lab Order:	C1803003	**Tag Number:**	1317.1160
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-023A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 5:25:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 5:25:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 5:25:00 AM
2,2,4-trimethylpentane	0.26	0.15		ppbV	1	3/2/2018 5:25:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Acetone	6.4	3.0		ppbV	10	3/3/2018 5:36:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Benzene	0.25	0.15		ppbV	1	3/2/2018 5:25:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 5:25:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Chloromethane	0.52	0.15		ppbV	1	3/2/2018 5:25:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 5:25:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Ethyl acetate	0.19	0.15		ppbV	1	3/2/2018 5:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA100
Lab Order:	C1803003	**Tag Number:**	1317.1160
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-023A	**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	3/2/2018 5:25:00 AM
Freon 11	0.24	0.15		ppbV	1	3/2/2018 5:25:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Freon 12	0.54	0.15		ppbV	1	3/2/2018 5:25:00 AM
Heptane	0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Hexane	0.49	0.15		ppbV	1	3/2/2018 5:25:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
m&p-Xylene	0.17	0.30	J	ppbV	1	3/2/2018 5:25:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 5:25:00 AM
Methyl Ethyl Ketone	0.59	0.30		ppbV	1	3/2/2018 5:25:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 5:25:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Methylene chloride	0.18	0.15		ppbV	1	3/2/2018 5:25:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Toluene	0.48	0.15		ppbV	1	3/2/2018 5:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 5:25:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 5:25:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 5:25:00 AM
Surr: Bromofluorobenzene	85.0	70-130		%REC	1	3/2/2018 5:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-1A100
Lab Order:	C1803003	**Tag Number:**	1317.1160
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-023A	**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	3/2/2018 5:25:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 5:25:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 5:25:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 5:25:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 5:25:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 5:25:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 5:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 5:25:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 5:25:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 5:25:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 5:25:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 5:25:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 5:25:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 5:25:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 5:25:00 AM
1,4-Dioxane	< 1.1	1.1	UJ-LCS-L	ug/m3	1	3/2/2018 5:25:00 AM
2,2,4-trimethylpentane	1.2	0.70		ug/m3	1	3/2/2018 5:25:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 5:25:00 AM
Acetone	15	7.1		ug/m3	10	3/3/2018 5:36:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 5:25:00 AM
Benzene	0.80	0.48		ug/m3	1	3/2/2018 5:25:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 5:25:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 5:25:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 5:25:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 5:25:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 5:25:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 5:25:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 5:25:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 5:25:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 5:25:00 AM
Chloromethane	1.1	0.31		ug/m3	1	3/2/2018 5:25:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 5:25:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 5:25:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/2/2018 5:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 5:25:00 AM
Ethyl acetate	0.68	0.54		ug/m3	1	3/2/2018 5:25:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/2/2018 5:25:00 AM
Freon 11	1.3	0.84		ug/m3	1	3/2/2018 5:25:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 5:25:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 5:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA100
Lab Order:	C1803003	**Tag Number:**	1317.1160
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-023A	**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	3/2/2018 5:25:00 AM
Heptane	0.61	0.61		ug/m3	1	3/2/2018 5:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	U	ug/m3	1	3/2/2018 5:25:00 AM
Hexane	1.7	0.53		ug/m3	1	3/2/2018 5:25:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 5:25:00 AM
m&p-Xylene	0.74	1.3	J	ug/m3	1	3/2/2018 5:25:00 AM
Methyl Butyl Ketone	< 1.2	1.2	U	ug/m3	1	3/2/2018 5:25:00 AM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	3/2/2018 5:25:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	U	ug/m3	1	3/2/2018 5:25:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 5:25:00 AM
Methylene chloride	0.63	0.52		ug/m3	1	3/2/2018 5:25:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	3/2/2018 5:25:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 5:25:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 5:25:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 5:25:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 5:25:00 AM
Toluene	1.8	0.57		ug/m3	1	3/2/2018 5:25:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 5:25:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 5:25:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 5:25:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 5:25:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 5:25:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 5:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA101
Lab Order:	C1803003	**Tag Number:**	93.378
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-024A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 6:05:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 6:05:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 6:05:00 AM
2,2,4-trimethylpentane	0.27	0.15		ppbV	1	3/2/2018 6:05:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Acetone	8.1	3.0		ppbV	10	3/3/2018 6:12:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Benzene	0.24	0.15		ppbV	1	3/2/2018 6:05:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Carbon tetrachloride	0.080	0.030		ppbV	1	3/2/2018 6:05:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Chloromethane	0.56	0.15		ppbV	1	3/2/2018 6:05:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 6:05:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Ethyl acetate	0.12	0.15	J	ppbV	1	3/2/2018 6:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA101
Lab Order:	C1803003	**Tag Number:**	93.378
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-024A	**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	3/2/2018 6:05:00 AM
Freon 11	0.26	0.15		ppbV	1	3/2/2018 6:05:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Freon 12	0.55	0.15		ppbV	1	3/2/2018 6:05:00 AM
Heptane	0.16	0.15		ppbV	1	3/2/2018 6:05:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Hexane	0.52	0.15		ppbV	1	3/2/2018 6:05:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
m&p-Xylene	0.15	0.30	J	ppbV	1	3/2/2018 6:05:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 6:05:00 AM
Methyl Ethyl Ketone	0.41	0.30		ppbV	1	3/2/2018 6:05:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 6:05:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Methylene chloride	0.21	0.15		ppbV	1	3/2/2018 6:05:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Toluene	0.44	0.15		ppbV	1	3/2/2018 6:05:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 6:05:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 6:05:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 6:05:00 AM
Surr: Bromofluorobenzene	86.0	70-130		%REC	1	3/2/2018 6:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA101
Lab Order:	C1803003	**Tag Number:**	93.378
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-024A	**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	3/2/2018 6:05:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 6:05:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 6:05:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 6:05:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 6:05:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 6:05:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 6:05:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 6:05:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 6:05:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 6:05:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 6:05:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 6:05:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 6:05:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 6:05:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 6:05:00 AM
1,4-Dioxane	< 1.1	1.1	W-LCS-L	ug/m3	1	3/2/2018 6:05:00 AM
2,2,4-trimethylpentane	1.3	0.70		ug/m3	1	3/2/2018 6:05:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 6:05:00 AM
Acetone	19	7.1		ug/m3	10	3/3/2018 6:12:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 6:05:00 AM
Benzene	0.77	0.48		ug/m3	1	3/2/2018 6:05:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 6:05:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 6:05:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 6:05:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 6:05:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 6:05:00 AM
Carbon tetrachloride	0.50	0.19		ug/m3	1	3/2/2018 6:05:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 6:05:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 6:05:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 6:05:00 AM
Chloromethane	1.2	0.31		ug/m3	1	3/2/2018 6:05:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 6:05:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 6:05:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/2/2018 6:05:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 6:05:00 AM
Ethyl acetate	0.43	0.54	J	ug/m3	1	3/2/2018 6:05:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/2/2018 6:05:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 6:05:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 6:05:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 6:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-1A101
Lab Order:	C1803003	**Tag Number:**	93.378
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-024A	**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	3/2/2018 6:05:00 AM
Heptane	0.66	0.61		ug/m3	1	3/2/2018 6:05:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	U J-LCS-L	ug/m3	1	3/2/2018 6:05:00 AM
Hexane	1.8	0.53		ug/m3	1	3/2/2018 6:05:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 6:05:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	3/2/2018 6:05:00 AM
Methyl Butyl Ketone	< 1.2	1.2	U J-LCS-L	ug/m3	1	3/2/2018 6:05:00 AM
Methyl Ethyl Ketone	1.2	0.88		ug/m3	1	3/2/2018 6:05:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	U J-LCS-L	ug/m3	1	3/2/2018 6:05:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 6:05:00 AM
Methylene chloride	0.73	0.52		ug/m3	1	3/2/2018 6:05:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	3/2/2018 6:05:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 6:05:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 6:05:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 6:05:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 6:05:00 AM
Toluene	1.7	0.57		ug/m3	1	3/2/2018 6:05:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 6:05:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 6:05:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 6:05:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 6:05:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 6:05:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 6:05:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA102
Lab Order:	C1803003	**Tag Number:**	232.434
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-025A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-3			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 6:45:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 6:45:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 6:45:00 AM
2,2,4-trimethylpentane	0.28	0.15		ppbV	1	3/2/2018 6:45:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Acetone	6.8	3.0		ppbV	10	3/3/2018 6:49:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Benzene	0.25	0.15		ppbV	1	3/2/2018 6:45:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Carbon tetrachloride	0.090	0.030		ppbV	1	3/2/2018 6:45:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Chloromethane	0.55	0.15		ppbV	1	3/2/2018 6:45:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 6:45:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Ethyl acetate	0.15	0.15		ppbV	1	3/2/2018 6:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA102
Lab Order:	C1803003	**Tag Number:**	232.434
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-025A	**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	3/2/2018 6:45:00 AM
Freon 11	0.26	0.15		ppbV	1	3/2/2018 6:45:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Freon 12	0.53	0.15		ppbV	1	3/2/2018 6:45:00 AM
Heptane	0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Hexane	0.46	0.15		ppbV	1	3/2/2018 6:45:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
m&p-Xylene	0.15	0.30	J	ppbV	1	3/2/2018 6:45:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 6:45:00 AM
Methyl Ethyl Ketone	0.40	0.30		ppbV	1	3/2/2018 6:45:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 6:45:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Methylene chloride	0.23	0.15		ppbV	1	3/2/2018 6:45:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Toluene	0.46	0.15		ppbV	1	3/2/2018 6:45:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 6:45:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 6:45:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 6:45:00 AM
Surr: Bromofluorobenzene	84.0	70-130		%REC	1	3/2/2018 6:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA102
Lab Order:	C1803003	**Tag Number:**	232.434
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-025A	**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	3/2/2018 6:45:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 6:45:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 6:45:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 6:45:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 6:45:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 6:45:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 6:45:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 6:45:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 6:45:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 6:45:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 6:45:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 6:45:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 6:45:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 6:45:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 6:45:00 AM
1,4-Dioxane	< 1.1	1.1	U>LCS-L	ug/m3	1	3/2/2018 6:45:00 AM
2,2,4-trimethylpentane	1.3	0.70		ug/m3	1	3/2/2018 6:45:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 6:45:00 AM
Acetone	16	7.1		ug/m3	10	3/3/2018 6:49:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 6:45:00 AM
Benzene	0.80	0.48		ug/m3	1	3/2/2018 6:45:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 6:45:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 6:45:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 6:45:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 6:45:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 6:45:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/2/2018 6:45:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 6:45:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 6:45:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 6:45:00 AM
Chloromethane	1.1	0.31		ug/m3	1	3/2/2018 6:45:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 6:45:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 6:45:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/2/2018 6:45:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 6:45:00 AM
Ethyl acetate	0.54	0.54		ug/m3	1	3/2/2018 6:45:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/2/2018 6:45:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 6:45:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 6:45:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 6:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-LAB-IA102
Lab Order:	C1803003	**Tag Number:**	232.434
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-025A	**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	2.6	0.74		ug/m3	1	3/2/2018 6:45:00 AM
Heptane	0.61	0.61		ug/m3	1	3/2/2018 6:45:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 6:45:00 AM
Hexane	1.6	0.53		ug/m3	1	3/2/2018 6:45:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/2/2018 6:45:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	3/2/2018 6:45:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 6:45:00 AM
Methyl Ethyl Ketone	1.2	0.88		ug/m3	1	3/2/2018 6:45:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 6:45:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 6:45:00 AM
Methylene chloride	0.80	0.52		ug/m3	1	3/2/2018 6:45:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	3/2/2018 6:45:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 6:45:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 6:45:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 6:45:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 6:45:00 AM
Toluene	1.7	0.57		ug/m3	1	3/2/2018 6:45:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 6:45:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 6:45:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 6:45:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 6:45:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 6:45:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 6:45:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-OUT-AA100
Lab Order:	C1803003	**Tag Number:**	223.1164
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-026A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD				Analyst:
Lab Vacuum In	-1			"Hg		3/1/2018
Lab Vacuum Out	-30			"Hg		3/1/2018
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	3/2/2018 7:25:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,1-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 7:25:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	3/2/2018 7:25:00 AM
2,2,4-trimethylpentane	0.29	0.15		ppbV	1	3/2/2018 7:25:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Acetone	7.4	3.0		ppbV	10	3/3/2018 7:26:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Benzene	0.26	0.15		ppbV	1	3/2/2018 7:25:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Bromoform	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Carbon tetrachloride	0.090	0.030		ppbV	1	3/2/2018 7:25:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Chloroform	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Chloromethane	0.53	0.15		ppbV	1	3/2/2018 7:25:00 AM
cis-1,2-Dichloroethene	< 0.040	0.040		ppbV	1	3/2/2018 7:25:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Ethyl acetate	0.13	0.15	J	ppbV	1	3/2/2018 7:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-OUT-AA100
Lab Order:	C1803003	**Tag Number:**	223.1164
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-026A	**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	3/2/2018 7:25:00 AM
Freon 11	0.26	0.15		ppbV	1	3/2/2018 7:25:00 AM
Freon 113	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Freon 114	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Freon 12	0.53	0.15		ppbV	1	3/2/2018 7:25:00 AM
Heptane	0.19	0.15		ppbV	1	3/2/2018 7:25:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Hexane	0.51	0.15		ppbV	1	3/2/2018 7:25:00 AM
Isopropyl alcohol	0.35	0.15		ppbV	1	3/2/2018 7:25:00 AM
m&p-Xylene	0.18	0.30	J	ppbV	1	3/2/2018 7:25:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 7:25:00 AM
Methyl Ethyl Ketone	0.37	0.30		ppbV	1	3/2/2018 7:25:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	3/2/2018 7:25:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Methylene chloride	0.29	0.15		ppbV	1	3/2/2018 7:25:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Propylene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Styrene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Toluene	0.47	0.15		ppbV	1	3/2/2018 7:25:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Trichloroethene	< 0.030	0.030		ppbV	1	3/2/2018 7:25:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	3/2/2018 7:25:00 AM
Vinyl chloride	< 0.040	0.040		ppbV	1	3/2/2018 7:25:00 AM
Surr: Bromofluorobenzene	86.0	70-130		%REC	1	3/2/2018 7:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-OUT-AA100
Lab Order:	C1803003	**Tag Number:**	223.1164
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-026A	**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	3/2/2018 7:25:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/2/2018 7:25:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/2/2018 7:25:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 7:25:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 7:25:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/2/2018 7:25:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 7:25:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/2/2018 7:25:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 7:25:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/2/2018 7:25:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/2/2018 7:25:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/2/2018 7:25:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/2/2018 7:25:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 7:25:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/2/2018 7:25:00 AM
1,4-Dioxane	< 1.1	1.1	U	ug/m3	1	3/2/2018 7:25:00 AM
2,2,4-trimethylpentane	1.4	0.70		ug/m3	1	3/2/2018 7:25:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/2/2018 7:25:00 AM
Acetone	18	7.1		ug/m3	10	3/3/2018 7:26:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/2/2018 7:25:00 AM
Benzene	0.83	0.48		ug/m3	1	3/2/2018 7:25:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/2/2018 7:25:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/2/2018 7:25:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/2/2018 7:25:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/2/2018 7:25:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/2/2018 7:25:00 AM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/2/2018 7:25:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/2/2018 7:25:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/2/2018 7:25:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/2/2018 7:25:00 AM
Chloromethane	1.1	0.31		ug/m3	1	3/2/2018 7:25:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 7:25:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 7:25:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/2/2018 7:25:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/2/2018 7:25:00 AM
Ethyl acetate	0.47	0.54	J	ug/m3	1	3/2/2018 7:25:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/2/2018 7:25:00 AM
Freon 11	1.5	0.84		ug/m3	1	3/2/2018 7:25:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/2/2018 7:25:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/2/2018 7:25:00 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: *24-Mar-18*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	OU2E-OUT-AA100
Lab Order:	C1803003	**Tag Number:**	223.1164
Project:	Elk Street Buffalo - SVI	**Collection Date:**	2/28/2018
Lab ID:	C1803003-026A	**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	2.6	0.74		ug/m3	1	3/2/2018 7:25:00 AM
Heptane	0.78	0.61		ug/m3	1	3/2/2018 7:25:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6	UJ-LCS-L	ug/m3	1	3/2/2018 7:25:00 AM
Hexane	1.8	0.53		ug/m3	1	3/2/2018 7:25:00 AM
Isopropyl alcohol	0.86	0.37		ug/m3	1	3/2/2018 7:25:00 AM
m&p-Xylene	0.78	1.3	J	ug/m3	1	3/2/2018 7:25:00 AM
Methyl Butyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 7:25:00 AM
Methyl Ethyl Ketone	1.1	0.88		ug/m3	1	3/2/2018 7:25:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	UJ-LCS-L	ug/m3	1	3/2/2018 7:25:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/2/2018 7:25:00 AM
Methylene chloride	1.0	0.52		ug/m3	1	3/2/2018 7:25:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	3/2/2018 7:25:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/2/2018 7:25:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/2/2018 7:25:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/2/2018 7:25:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/2/2018 7:25:00 AM
Toluene	1.8	0.57		ug/m3	1	3/2/2018 7:25:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/2/2018 7:25:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/2/2018 7:25:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/2/2018 7:25:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/2/2018 7:25:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/2/2018 7:25:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/2/2018 7:25:00 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		