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May 23, 2016

Division of Environmental Remediation
Remedial Bureau E, 12th Floor
New York State Department of
Environmental Conservation
625 Broadway
Albany, New York 12233-7016

Attention: Charles Gregory, Project Manager

Subject: **March 2016 Soil Vapor Intrusion Monitoring Report**
80 Rockwood Place and 989 Blossom Road, Rochester, New York
Scobell Chemical - NYSDOT Site - 828076
MACTEC Engineering and Consulting, P.C. Project No. 3617147328

Dear Mr. Gregory:

MACTEC Engineering and Consulting, P.C., (MACTEC), under contract to the New York State Department of Environmental Conservation (NYSDEC) (Work Assignment No. D007619-32) is pleased to present this letter report documenting the March 2016 soil vapor intrusion (SVI) sampling and Sub-Slab Depressurization System (SSDS) evaluation activities and findings at 80 Rockwood Place and 989 Blossom Road in Rochester, New York. Work was completed as part of investigations associated with the Scobell Chemical-New York State Department of Transportation (NYSDOT) site (Site), NYSDEC site #828076, located in close proximity to these two properties in the town of Brighton (see Figures 1 and 2).

BACKGROUND

The Scobell Chemical-NYSDOT site, located at 1 Rockwood Place, in the Town of Brighton, Monroe County, New York, is the location of a former chemical repackaging company that operated at this location from the 1920s until 1986. The Site buildings and contaminated soil were removed from

the Site in 1988 during a NYSDOT highway reconstruction project. Investigations conducted to date have identified volatile organic compounds (VOCs) in soil, bedrock and groundwater below and surrounding the Site, primarily the chlorinated solvent trichloroethene (TCE).

TCE and its daughter products can partition from soil and groundwater to soil vapor and then migrate through the soil column. Soil vapor can be drawn into buildings through openings and cracks in foundations and floor slabs.

Eighty Rockwood Place is located adjacent to the Scobell Chemical-NYSDOT Site and consists of multiple commercial and retail rental units. Results for sub-slab soil vapor and indoor air samples collected from the property in 2012, and 2015 indicate the potential for soil vapor intrusion; therefore, to mitigate the exposure pathway, SSDSs were installed at the eastern portion of the main building (Structure 1) and the northern section of the building, which was the former boiler house (Structure 4).

Nine hundred eighty nine Blossom Road is a nursing facility located north of the Scobell Chemical-NYSDOT Site and within the groundwater plume footprint associated with Site. Soil vapor samples collected in the vicinity of this property in 2015 indicated the potential for soil vapor intrusion.

OBJECTIVES

The March 2016 SVI monitoring was conducted to evaluate the SSDS effectiveness at 80 Rockwood Place and assess the potential for SVI at the western half of 80 Rockwood Place and 989 Blossom Road, including:

- performance monitoring of the SSDS installed in 2012 in the eastern portion of 80 Rockwood Place (Structure 1);
- SVI sampling at the western portion of 80 Rockwood Place (Structure 1);
- performance monitoring of the SSDS upgrades conducted in 2015 at the northern section of 80 Rockwood Place (Structure 4); and
- SVI sampling at 989 Blossom Road (Structure 5).

MARCH 2016 SSDS EVALUATION & SOIL VAPOR INTRUSION MONITORING

SSDS performance monitoring consisted of an assessment generally following the suggested operation and maintenance procedures in Section 5 of the Mitigation Tech Construction Completion Report (Mitigation Tech, 2012). The assessment focused on qualitatively evaluating the primary system components of the SSDS.

The SVI sampling was accomplished per the New York State Department of Health (NYSDOH) "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (NYSDOH, 2006 and 2007) and per the Site Field Activities Plan (MACTEC, 2015). Air samples were collected in 1.4L SUMMA®-type canisters.

Samples were analyzed by Centek Laboratories of Syracuse, NY for analyses of VOCs via United States Environmental Protection Agency Method TO-15 with a detection limit of 1 microgram per cubic meter ($\mu g/m^3$) for most compounds and a detection limit of 0.25 $\mu g/m^3$ for TCE, vinyl chloride, and carbon tetrachloride in the indoor/ambient air samples.

The March 2016 sampling locations are shown on Figure 2 and on a hand sketch provided in Attachment 1. Structure IDs for the locations sampled, along with the physical addresses and sample IDs are presented in Table 1. Validated laboratory sample results are presented in Table 2.

This report includes the following attachments:

Attachment 1: Indoor Air Questionnaires, SSDS Inspection Forms, Building Inventories and photographic logs for the SVI sampling

Attachment 2: Laboratory Analytical Result Forms

Attachment 3: Data Usability Summary Report

SSDS Performance Monitoring and SVI Monitoring at 80 Rockwood Place - Main Building-Structure 1.

SSDS Performance Monitoring. An SSDS was installed in the eastern portion of the main building at 80 Rockwood Place (Structure 1) in 2012. The system consists of six suction points connected with three-inch polyvinyl chloride (PVC) suction pipes to a single Radonaway GP-501 fan. This system was found to be operating, with no new floor cracks observed, the pipe seals

appeared intact, and the riser piping was observed to be in good condition. Although the exhaust fan was not evaluated due to its location on the roof, the manometer reading on the suction point was comparable to the installation specifications, indicating the system was drawing the designed vacuum. As part of the performance monitoring, an indoor air sample was collected over an eight-hour period from the area influenced by the SSDS (Location ID: Main Building - Doggy Day Care). The results from this indoor air sample were non-detect for TCE.

SVI Sampling. Samples were collected from five of the six other occupied ground floor rental units and from the basement to further evaluate for the potential presence of TCE across the building footprint (a hand sketch of the sample locations is included in Attachment 1). Due to the high photoionization detector readings previously detected in the unit occupied by a printing shop, and the desire of the property owner not to sample in that area, a sample was not collected in this rental unit. In addition, due to the desire of the property owner to not disturb the recently polyurethaned concrete floors, only one location in the center of the building was available for collection of a sub-slab sample.

Sub-slab vapor, indoor air, and ambient air samples were collected over an 8-hour period. As shown on Table 2, TCE was detected in the sub-slab vapor sample (Main Building – Center – SS) at a concentration of 350 µg/m^3. TCE was detected in the indoor air sample (Main Building-Center) collected in the vicinity of the sub-slab sample at a concentration of 0.48 µg/m^3. With the exception of the sample collected from the Tryon Bike shop (120 µg/m^3) and the basement (28 µg/m^3), the indoor air results for TCE from the other four rental units did not exceed the indoor air guidance value of 2 µg/m^3 (NYSDOH, 2015). Numerous chemicals for conducting bicycle maintenance were visually observed at the Tryon Bike Shop; however, none were noted to contain TCE. Due to the inability to collect sub-slab samples in the vicinity of Tyron Bike shop, and the inability to inspect the product inventory of the adjacent printing shop, the source of TCE in the indoor air samples is unknown.

SSDS Performance Monitoring at 80 Rockwood Place - More Fire Glass Studio - Structure 4.

An SSDS was installed in the More Fire Glass Studio located on the northern portion of 80 Rockwood Place (Structure 4) in 2012 (Mitigation Tech, 2012) and upgraded in 2015 (Mitigation Tech, 2015). Structure 4 is the former boiler house for the main building and consists of a one

story slab on grade building. The system consists of four suction points connected with three-inch PVC pipe to an OBAR 76-UD fan, and one suction point connected with a four-inch PVC pipe to a RadonAway RP265 fan. This system was found to be operating, with no new floor cracks observed, the pipe seals appeared intact, and the riser piping was observed to be in good condition. Although the two exhaust fans were not evaluated due to their location on the roof, the manometer readings on the suction points were comparable to the installation specifications.

As part of the performance monitoring, two indoor air samples were collected over an eight-hour period from areas previously sampled: 1) the gallery/office area, and 2) from the main room in the vicinity of the glass oven. The results for these indoor air samples (14 µg/m^3 in the office/gallery and 8.5 µg/m^3 in the oven area) were higher than the results collected post SSDS upgrade in September 2015 (2.6 µg/m^3 in the office/gallery and 2.5 µg/m^3 in the oven area) and above the guidance values for TCE of 2 µg/m^3.

SVI Monitoring at 989 Blossom Road - Structure 5.

TCE was detected in groundwater and exterior soil vapor samples in the vicinity of Blossom Road during a recent sampling event (December 2015); therefore, an evaluation for SVI at 989 Blossom Road was conducted.

Nine hundred eighty nine Blossom Road, also referred to as Brighton Manor, is an eighty bed nursing and rehabilitation facility offering 24 hour care. The building foundation consists of a concrete slab on grade. SVI sampling at Structure 5 consisted of collecting two sub-slab soil vapor samples (plus duplicate), two first floor air samples, and one outdoor ambient air samples over a 24-hour period.

As shown in Table 2, TCE was detected in the sub-slab vapor sample at a concentrations ranging from 140 µg/m^3 to 150 µg/m^3. TCE was not detected in the indoor air or outdoor ambient air samples suggesting potential for SVI pathway is not complete at this location.

If you have questions, please feel free to contact us at 207-775-5401.

Sincerely,

MACTEC Engineering and Consulting, P.C.

Charles Staples
Technical Lead

Jayme Connolly
Project Manager

Enclosures (3)

Attachment 1: Indoor Air Questionnaires and Building Inventories, SSDS Inspection Forms, and Photographs

Attachment 2: Laboratory Analytical Result Forms

Attachment 3: Data Usability Summary Report

REFERENCES

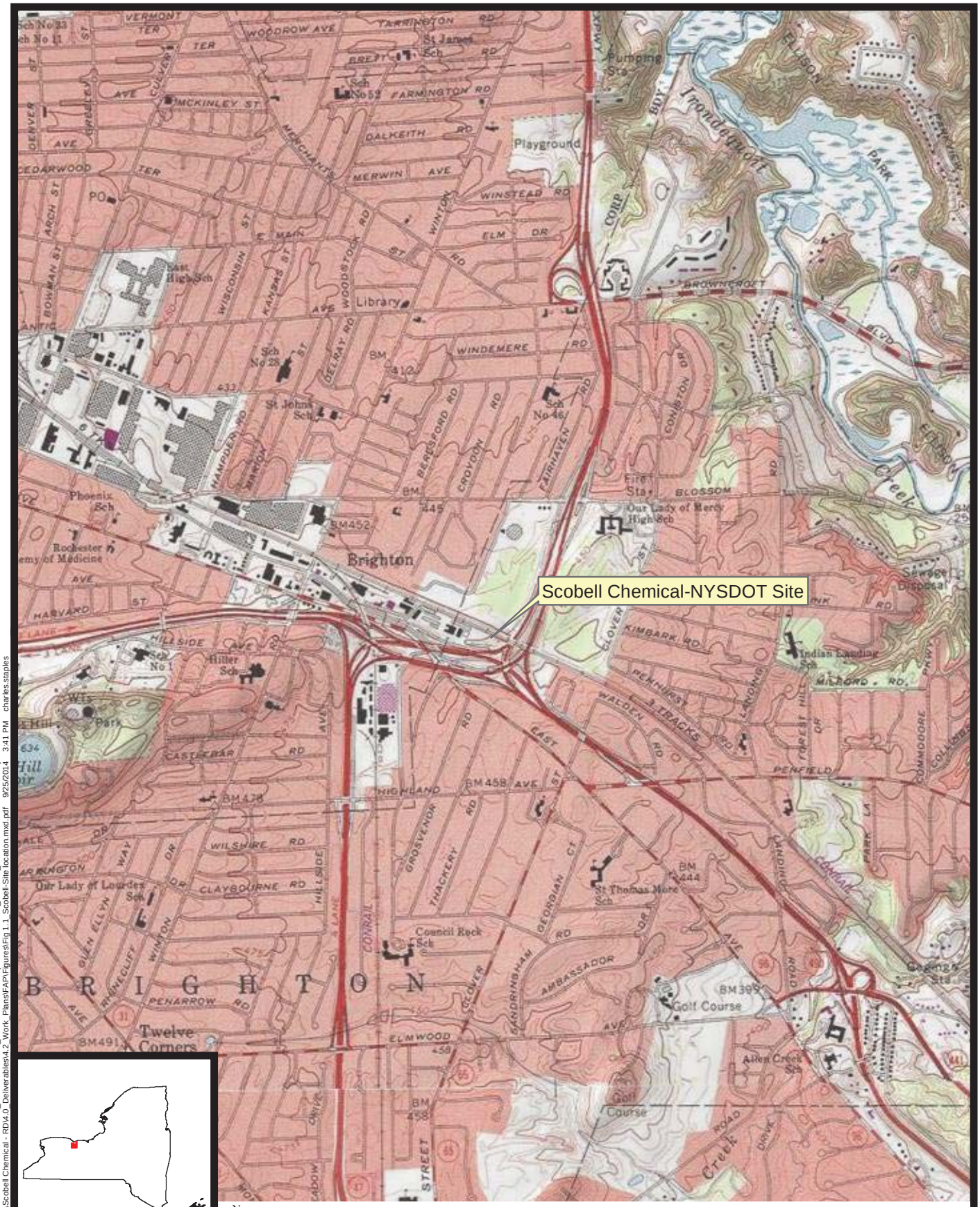
MACTEC Engineering and Consulting, P.C. (MACTEC), 2015. SVI Field Activities Plan – Scobell Chemical – NYSDOT Site No 828076 Prepared for the New York State Department of Environmental Conservation, Albany, New York. October 2015.

Mitigation Tech, 2015. Construction Completion Report- 80 Rockwood Place, Rochester 14610 (former Scobell Chemical), More Fire and Glass, Modification to sub-slab depressurization system. Letter dated October 31, 2015.

Mitigation Tech, 2012. Construction Completion Report- 80 Rockwood Place, Rochester 14610 (former Scobell Chemical), Construction of sub-slab depressurization system. October 28, 2012.

New York State Department of Health (NYSDOH), 2015. Trichloroethene (TCE) in Indoor and Outdoor Air; August 2015 Fact Sheet; Bureau of Toxic Substance Assessment. August 2015.

NYSDOH, 2006 and 2007. Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006, as amended June 25, 2007.



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Checked/Date: BPN 09/25/14

SCOBELL CHEMICAL-NYSDOT SITE
BRIGHTON, NEW YORK

MACTEC

SITE LOCATION
Site 828076
Figure 1

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ysdec1\Contract D007019\Projects\Scobell Chemical - RD\4.0_Deliverables\4.2_Work_Plans\FAP\Figures\Fig 1.1_Scobell-Site location.mxd 9/25/2014 3:41 PM charles.staples

Blossom Rd

Location 5
989 Blossom Road-Brighton Manor

Structure 5

AA-005-02

Bobrich Dr

Location 3
Ellison Park Apartments

Scobell Chemical-NYSDOT Site

AA-001-02

Structure 4

AA-001-01

Structure 1

Locations 1 and 4
80 Rockwood Place

N

0 75 150 Feet

Legend

- Sub-Slab/Indoor Air Location
- Indoor Air Location
- Ambient Air Location
- Property Line
- Site Boundary

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Checked/Date: JPC 05/19/16

SCOBELL CHEMICAL-NYSDOT SITE
ROCHESTER, NEW YORK

MACTEC

March 2016 SVI Sampling Locations

Project 3617147328 Figure 2

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Table 1: March 2016 Soil Vapor Monitoring Sampling Locations

Structure ID	Street Address	Location	Sample ID	Rationale
Structure 1	80 Rockwood Place	Main Building-Basement	828076-IA-001-BASEMENT	SVI Evaluation-basement
		Main Building-BCC	828076-IA-001-BCC	SVI Evaluation-1st floor
		Main Building-Boxman	828076-IA-001-BOXMAN	SVI Evaluation-1st floor
		Main Building-Center-SS	828076-SS-001-01	SVI Evaluation-sub-slab
		Main Building-Center	828076-IA-001-CENTRAL	SVI Evaluation-1st floor
		Main Building-Dog Day Care	828076-IA-001-DOGGY DA CARE	SSDS Evaluation
		Main Building-NSC	828076-IA-001-NSC	SVI Evaluation-1st floor
			828076-IA-001-NSCD (duplicate)	SVI Evaluation-1st floor
		Main Building-Tryon	828076-IA-001-TRYON	SVI Evaluation-1st floor
		Outside-Ambient	828076-AA-001-01	SVI Evaluation-ambient
		Outside-Ambient	828076-AA-001-02	SVI Evaluation-ambient
Structure 4	80 Rockwood Place	Glass Studio-Gallery	828076-IA-004-GALLERY/OFFICE	SSDS Evaluation
		Glass Studio-Oven Area	828076-IA-004-GLASS OVER AREA	SSDS Evaluation
Structure 5	989 Blossom Road	SS-005-01	828076-SS-005-01	SVI Evaluation-sub-slab
			828076-SS-005-01D (duplicate)	SVI Evaluation-sub-slab
		IA-005-01	828076-IA-005-01	SVI Evaluation-1st floor
		SS-005-02	828076-SS-005-02	SVI Evaluation-sub-slab
		IA-005-02	828076-IA-005-02	SVI Evaluation-1st floor
		Outside-Ambient	828076-AA-005-02	SVI Evaluation-ambient
		AA-005	828076-AA-005-02	SVI Evaluation-ambient

Notes:
SVI = soil vapor intrusion
SSDS = sub-slab depressurization system

Table 2: SVI VOC Results

Address	80 Rockwood - Main Building (Location 1)					80 Rockwood - Glass Studio (Location 4)	
Location	Main Building-Center-SS	Main Building-Basement	Main Building-BCC	Main Building-Boxman	Main Building-Center	Glass Studio-Gallery	Glass Studio-Oven Area
Sample Date	3/28/2016	3/29/2016	3/29/2016	3/28/2016	3/28/2016	3/29/2016	3/29/2016
Sample ID	828076-SS-001-01	828076-IA-001-BASEMENT	828076-IA-001-BCC	828076-IA-001-BOXMAN	828076-IA-001-CENTRAL	828076-IA-004-GALLERY/OFFICE	828076-IA-004-GLASS OVER AREA
Qc Code	FS	FS	FS	FS	FS	FS	FS
Parameter	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier
1,1,1-Trichloroethane	**11** J	**0.71** J	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	**0.77** J	**0.84** J	**0.92** J	**0.92** J	**0.92** J	**0.92** J	**0.92** J
1,1-Dichloroethane	**0.45** J	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,2,4-Trimethylbenzene	**1.2** J	**50**	**0.88**	**1.4** J	**0.69** J	**30**	**13** J
1,3,5-Trimethylbenzene	**1** J	**15**	0.74 U	0.74 UJ	0.74 U	**9.3**	**6.2**
1,4-Dioxane	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
2-Butanone	**3.2**	**4.8**	**2.7**	**2.2**	**1.8**	**2.7**	**2.7**
2-Propanol	**3.7**	**55**	**21**	**15**	**26**	**44**	**480**
4-Ethyltoluene	0.74 UJ	**16**	0.74 U	**0.49** J	0.74 U	**11**	**8.7**
4-Methyl-2-pentanone	1.2 UJ	1.2 UJ	1.2 UJ	**0.66** J	**0.45** J	**0.9** J	**0.66** J
Acetone	**58**	**71**	**28**	**21**	**29**	**81**	**32**
Benzene	**2.1** J	**0.96**	**0.8**	**0.77**	**0.51**	**0.83**	**0.83**
Carbon disulfide	**9.3**	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Carbon tetrachloride	**1.4** J	**0.75**	**0.88**	**0.82**	**0.82**	**0.88**	**0.75**
Chloroform	**1.8**	**0.54** J	**1.4**	0.73 U	0.73 U	**0.78**	**0.54** J
Chloromethane	0.31 U	0.31 U	**1.8**	**2.3**	**1.6**	0.31 U	**1.9**
Cis-1,2-Dichloroethene	**1.7**	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Cyclohexane	**3.5** J	0.52 U	0.52 U	0.52 U	0.52 U	**1.5**	0.52 U
Dichlorodifluoromethane	**3.1**	**3.8**	**4**	**4.1**	**4**	**4**	**3.8**
Ethyl acetate	**1**	**0.97**	0.9 U	0.9 U	0.9 U	**0.72** J	0.9 U
Ethylbenzene	**0.43** J	0.65 U	**0.78**	0.65 UJ	0.65 U	0.65 U	**0.65**
Heptane	**2.4** J	**5.5**	0.61 U	**1.6**	0.61 U	**3.6**	**3.5**
Hexane	**2.4**	0.53 U	**1.1**	**1.1**	0.53 U	**1.2**	**0.99**
Methylene chloride	**2.3**	**2.5**	**2.8**	**5.3**	**3.4**	**2.5**	**2.8**
Tetrachloroethene	**77**	**3.9**	1 U	1 UJ	1 U	**1.4**	**0.88** J
Tetrahydrofuran	0.44 U	**1.9**	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**5.3** J	**21**	**2.8**	**2.2** J	**1.3**	**12**	**8.3** J
Trichloroethene	**350**	**28**	0.21 U	**0.59**	**0.48**	**14**	**8.5**
Trichlorofluoromethane	**2**	**2.1**	**2.2**	**2.2**	**2.8**	**2.5**	**2.2**
Xylene, o	**0.82** J	**4.4**	**0.87**	**0.52** J	0.65 U	**2.7**	**1.6**
Xylenes (m&p)	**2** J	**3.1**	**2.9**	**2.4** J	**0.96** J	**2.1**	**1.8**

Notes

Samples analyzed for Volatile Organic Compounds (VOCs) by Method TO15 in micrograms per cubic meter (µg/m3).
Only detected compounds shown (detections in bold)
Qualifier
U = not detected
J = estimated value
QC Code - FS=Field Sample, FD=Field Duplicate

Table 2: SVI VOC Results

Address	80 Rockwood - Main Building (Location 1)					
Location	Main Building-Dog Day Care	Main Building-NSC	Main Building-NSC	Main Building-Tryon	Outside-Ambient	Outside-Ambient
Sample Date	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/28/2016	3/29/2016
Sample ID	828076-IA-001-DOGGY DA CARE	828076-IA-001-NSC	828076-IA-001-NSCD	828076-IA-001-TRYON	828076-AA-001-01	828076-AA-001-02
Qc Code	FS	FS	FD	FS	FS	FS
Parameter	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier	Result Qualifier
1,1,1-Trichloroethane	0.82 U	0.82 U	0.82 U	**2.9**	0.82 U	0.82 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	**1** J	**0.84** J	**0.84** J	**0.92** J	**0.92** J	**0.92** J
1,1-Dichloroethane	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,2,4-Trimethylbenzene	**0.69** J	**1**	**1.1** J	**760**	0.74 U	**0.84**
1,3,5-Trimethylbenzene	0.74 U	0.74 U	0.74 UJ	**230**	0.74 U	0.74 U
1,4-Dioxane	1.1 UJ	1.1 UJ	**2.8** J	1.1 UJ	1.1 UJ	1.1 UJ
2-Butanone	**4.8**	**2.6**	**1.9**	**3.6**	**0.8** J	**0.68** J
2-Propanol	**91**	**20**	**31**	**150**	**2.4**	**2.1**
4-Ethyltoluene	0.74 U	0.74 U	0.74 UJ	**240**	0.74 U	0.74 U
4-Methyl-2-pentanone	**0.45** J	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
Acetone	**38**	**23**	**29**	**340**	**18**	**16**
Benzene	**0.51**	**0.64**	**0.57**	0.48 U	**0.42** J	**0.54**
Carbon disulfide	0.47 U	0.47 U	0.47 U	**0.53**	0.47 U	0.47 U
Carbon tetrachloride	**0.82**	**0.88**	**0.82**	**0.94**	**0.88**	**0.82**
Chloroform	**0.68** J	0.73 U	0.73 U	**0.63** J	0.73 U	0.73 U
Chloromethane	**1.7**	**2.4**	**2**	**1.7**	**2.1**	**1.7**
Cis-1,2-Dichloroethene	0.59 U	0.59 U	0.59 U	**0.4** J	0.59 U	0.59 U
Cyclohexane	0.52 U	0.52 U	0.52 U	**4.8**	0.52 U	0.52 U
Dichlorodifluoromethane	**3.9**	**4**	**3.6**	**3.7**	**4**	**4.1**
Ethyl acetate	0.9 U	0.9 U	0.9 U	**3.7**	0.9 U	0.9 U
Ethylbenzene	0.65 U	**0.56** J	**0.52** J	0.65 U	0.65 U	0.65 U
Heptane	0.61 U	**2.2** J	0.61 UJ	**14**	0.61 U	0.61 U
Hexane	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Methylene chloride	**2**	**2**	**2.1**	**3.3**	**1.7**	**1.9**
Tetrachloroethene	1 U	1 U	1 UJ	**8.6**	1 U	1 U
Tetrahydrofuran	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Toluene	**2.1**	**3.7**	**3.2** J	**150**	**0.72**	**0.6**
Trichloroethene	0.21 U	**0.81**	**1.1**	**120**	0.21 U	0.21 U
Trichlorofluoromethane	**2.2**	**2.2**	**2**	**2.2**	**2.2**	**2.2**
Xylene, o	0.65 U	**0.61** J	**0.56** J	**35** J	0.65 U	0.65 U
Xylenes (m&p)	**0.48** J	**2.2**	**1.8** J	**10**	1.3 U	**0.56** J

Notes

Samples analyzed for Volatile Organic Compounds (VOCs) by Method TO15 in micrograms per cubic meter (µg/m3).
Only detected compounds shown (detections in bold)
Qualifier
U = not detected
J = estimated value
QC Code - FS=Field Sample,
FD=Field Duplicate

Table 2: SVI VOC Results

Address	989 Blossom Road (Location 5)											
Location	SS-005-01		SS-005-01		IA-005-01		SS-005-02		IA-005-02		Outside-Ambient	
Sample Date	3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016		3/28/2016	
Sample ID	828076-SS-005-01		828076-SS-005-01D		828076-IA-005-01		828076-SS-005-02		828076-IA-005-02		828076-AA-005-02	
Qc Code	FS		FD		FS		FS		FS		FS	
Parameter	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	0.82	UJ	0.82	UJ	0.82	U	0.82	UJ	0.82	U	0.82	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	**1.5**		**1.4**		**1.1**	J	**0.77**	J	**1.1**	J	**1**	J
1,1-Dichloroethane	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,2,4-Trimethylbenzene	**93**		**100**		**0.79**		**23**		0.74	U	0.74	U
1,3,5-Trimethylbenzene	**53**		**56**		0.74	U	**10**		0.74	U	0.74	U
1,4-Dioxane	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	0.88	UJ	**180**	J	**4.7**		**11**		**1.1**		**0.94**	
2-Propanol	**50**	J	0.37	UJ	**48**		0.37	U	**5**		**2.4**	
4-Ethyltoluene	**15**		**14**		0.74	U	**3.1**	J	0.74	U	0.74	U
4-Methyl-2-pentanone	**39**	J	**39**	J	1.2	UJ	**1.8**	J	1.2	UJ	1.2	UJ
Acetone	**410**		**480**		**23**		**80**		**16**		**17**	
Benzene	**100**		**110**		**1.4**		**8.6**		**0.73**		**0.54**	
Carbon disulfide	**56**		**59**		**1**		**8.4**		0.47	U	**0.37**	J
Carbon tetrachloride	0.94	UJ	0.94	UJ	**0.94**		0.94	UJ	**0.94**		**1**	
Chloroform	0.73	U	0.73	U	**7.2**		**1.5**		**0.68**	J	0.73	U
Chloromethane	0.31	U	0.31	U	**2**		0.31	U	**1.8**		**1.8**	
Cis-1,2-Dichloroethene	0.59	U	0.59	U	0.59	U	**0.63**		0.59	U	0.59	U
Cyclohexane	**230**		**340**		0.52	U	**23**		0.52	U	0.52	U
Dichlorodifluoromethane	0.74	UJ	**3.2**	J	**5.1**		**13**		**4**		**4**	
Ethyl acetate	**2.1**	J	0.9	UJ	**0.58**	J	**1.5**		0.9	U	0.9	U
Ethylbenzene	**37**		**38**		0.65	U	**3.6**	J	0.65	U	0.65	U
Heptane	**340**		**360**		0.61	U	**28**		0.61	U	0.61	U
Hexane	**200**		**230**		0.53	U	**18**		**0.63**		0.53	U
Methylene chloride	**2.6**		**2.5**		**2.8**		**2.1**		**3**		**6.4**	
Tetrachloroethene	**76**		**85**		**3.4**		**30**		1	U	1	U
Tetrahydrofuran	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
Toluene	**240**		**270**		**1.1**		**18**		**0.57**		**0.6**	
Trichloroethene	**150**		**150**		0.21	U	**140**		0.21	U	0.21	U
Trichlorofluoromethane	**1.7**		**1.5**		**2.5**		**1.6**		**2.4**		**2.3**	
Xylene, o	**77**	J	**78**	J	0.65	U	**8.5**	J	0.65	U	0.65	U
Xylenes (m&p)	**250**		**290**		**0.87**	J	**28**		**0.48**	J	**0.74**	J

Notes

Samples analyzed for Volatile Organic Compounds (VOCs) by Method TO15 in micrograms per cubic meter (µg/m3).
Only detected compounds shown (detections in bold)
Qualifier
U = not detected
J = estimated value
QC Code - FS=Field Sample,
FD=Field Duplicate

ATTACHMENT 1

INDOOR AIR QUESTIONNAIRES AND BUILDING INVENTORIES, SSDS INSPECTION FORMS, AND PHOTOGRAPHS

Periodic Operations Visit Form

☐ Check box if new sys info

System ID: **828076-B001** Date of Visit: **Mar 28, 2016**

Owner Name: Margaret Eidman Date Installed: 07/19/2012

System Address: 80 Rockwood Place - Structure 1 Telephone:

City: Rochester Zip: 14610 Alt. Telephone:

Performed By: Nate Vogan / John Luttinger Site No: 828076

Company: Amec Foster Wheeler E&I - MACTEC Site Name: Scobell Chemical-NYSDOT Site

EXTERIOR

Fan Operation Confirmation

	Fan #1	Fan #2	Fan #3
Fan Model No(s).	Radonaway GP-501		
Is Fan Operating (arrival)?	◉ Yes ○ No	○ Yes ○ No	○ Yes ○ No
Confirmation Method	Other		
Is Fan Operating (departure)?	◉ Yes ○ No	○ Yes ○ No	○ Yes ○ No

Requested to inspect interior system components? ◉ Yes ○ No

If yes, when and by whom? Nate Vogan Date:

INTERIOR

			Notes
Structural Review			
Change in building footprint since last inspection?	○ Yes	◉ No	
Basement occupied (>4 hrs per day)?	○ Yes	◉ No	
Heating/ventilation system modifications?	○ Yes	◉ No	
Crawlspace inspected?	○ Yes	◉ No	
Large cracks in floor or near sumps?	○ Yes	◉ No	
Wall penetrations or cracks noted?	○ Yes	◉ No	
Piping, Slab & Wall			
Are system suction points sealed?	◉ Yes	○ No	
Is piping system in need of repair?	○ Yes	◉ No	
Miscellaneous			
Are manometer levels equal?	◉ Yes	○ No	
Are system labels accurate and applied correctly?	◉ Yes	○ No	

Maintenance completed (check all that apply): ☐ Replace fan ☐ Seal pipe ☐ Electrical ☐ Other

Describe repairs made and any proposed actions requiring a subsequent visit (if necessary):

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Scobell Chemical | Site Code: 828076 | Operable Unit:

Building Code: | Building Name: Structure 1

Address: 80 Rockwood Place | Apt/Suite No:

City: Rochester | State: NY | Zip: 14610 | County: Monroe

Contact Information

Preparer's Name: Nathan Vogan | Phone No: 518-372-0905

Preparer's Affiliation: Amec Foster Wheeler E&I - MACTEC | Company Code:

Purpose of Investigation: End of Heating Season March 2016 | Date of Inspection: 3/28-3/29/16

Contact Name: Margaret Eidman | Affiliation: OWNER

Phone No: (585) 281-4720 | Alt. Phone No: | Email: meidman@rochester.rr

Number of Occupants (total): | Number of Children:

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

Owner Name (if different): | Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED | Bldg Size (S/M/L): MEDIUM

If Commercial or Industrial Facility, Select Operations: MULTI-USE BUILDING

If Residential Select Structure Type:

Number of Floors: 2 | Approx. Year Construction: | ☒ Building Insulated? | ☐ Attached Garage?

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

N/A

Foundation Description

Foundation Type: BASEMENT-PARTIAL | Foundation Depth (bgs): 8 | Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: LAID-UP STONE

Foundation Floor Thickness: 6

Foundation Wall Thickness:

Unit: INCHES

☒ Floor penetrations? Describe Floor Penetrations: sump

☒ Wall penetrations? Describe Wall Penetrations: utilities, pipe race

Basement is: UNFINISHED | Basement is: DAMP | ☒ Sumps/Drains? | Water In Sump?: YES

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

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

Heating / Cooling / Ventilation Systems

Heating System: | Heat Fuel Type: GAS | ☒ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: NONE | Clothes Dryer Fuel Type: NO CLOTHES DRYER

Water Htr Vent Location: NONE | Dryer Vent Location: NONE

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Structure 1 Bldg Code: Date: Mar 28, 2016

Bldg Address: 80 Rockwood Place Apt/Suite No:

Bldg City/State/Zip: Rochester NY, 14610

Make and Model of PID: ppb RAE Date of Calibration: Mar 28, 2016

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
	See pictures					☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* 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? 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: Scobell Chemical Site Code: 828076 Operable Unit:

Building Code: Building Name: Structure 1

Address: 80 Rockwood Place Apt/Suite No:

City: Rochester State: NY Zip: 14610 County: Monroe

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: ALMOST NEVER Floor Material: CEMENT

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

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

☒ Air Fresheners? Description/Location of Air Freshener: main office locations, bathroom

☒ Cleaning Products Used Recently?: Description of Cleaning Products: general cleaning supplies

☒ Cosmetic Products Used Recently?: Description of Cosmetic Products: general makeup

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

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

☐ Recent Painting/Staining? Location of New Painting:

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

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

☐ Recent Pesticide/Rodenticide? Description of Last Use:

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

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

☒ Any Prior Testing For VOCs? If So, When?: 2012, 2013, 2015

Sampling Conditions

Weather Conditions: SUNNY Outdoor Temperature: 34-42 °F

Current Building Use: MULTI-USE BUILDING Barometric Pressure: 30.12 in(hg)

Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 1 | DATE: 3/28/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (~~AM~~ Start): 40°; 73% RH; 29.91"; NW | SAMPLER SIGNATURE:

WEATHER CONDITIONS (~~PM~~ Stop): 41°; 31% RH; 30.27"; NW | CHECKED BY: CRitzler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number: +1	276	Flow Regulator Number:		Flow Regulator Number:	
Flow Rate (mL/min):		Flow Rate (mL/min):	8hr	Flow Rate (mL/min):		Flow Rate (mL/min):	
Canister Serial Number:		Canister Serial Number:	569	Canister Serial Number:		Canister Serial Number:	
Start Date/Time		Start Date/Time	3/28/16 22:09	Start Date/Time		Start Date/Time	
Start Pressure ("Hg):		Start Pressure ("Hg):	30	Start Pressure ("Hg):		Start Pressure ("Hg):	
Stop Date/Time		Stop Date/Time	3/29/16 6:10	Stop Date/Time		Stop Date/Time	
Stop Pressure ("Hg):		Stop Pressure ("Hg):	5	Stop Pressure ("Hg):		Stop Pressure ("Hg):	
Sample ID:		Sample ID:	828076-IA-001 Doggy Day Care	Sample ID:		Sample ID:	828076-AA-001-01 (see "central unit" record)

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:	1	Story/Level:		Direction from Building	
Floor Slab Thickness:		Room:	Wash ~~Room~~ room	Room:		Distance from Building:	
Potential Vapor Entry Points:		Potential Vapor Entry Points:	utilities HVAC	Potential Vapor Entry Points:		Distance from Roadway:	
Floor Surface:		Floor Surface:	Carpet or concrete	Floor Surface:		Ground Surface:	
Noticable Odor:		Noticable Odor:	No	Noticable Odor:		Noticable Odor:	
PID Reading (ppb):		PID Reading (ppb):	113	PID Reading (ppb):		PID Reading (ppb):	
Intake Depth/Height:		Intake Height:	3.5	Intake Height:		Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:		Indoor Air Temp	65°	Indoor Air Temp		Intake tubing?	

Comments/Location Sketch: 80 Rockwood - Doggy Day Care Rental space

1.1 WC1 on SSD System. Matches mark from initial installation.

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FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

C:\Users\nathan.vogan\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\6MLFHUAQ\Figure 4 19 Indoor Air Sampling form.xls

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 1 | DATE: 3/28/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (Start) ~~(AM)~~: 40°, 73% RH, 29.91", NW | SAMPLER SIGNATURE:

WEATHER CONDITIONS (Stop) ~~(PM)~~: 41°, 31% RH, 30.27", NW | CHECKED BY: C. Stapler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ (NW) INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number: +1	1172	Flow Regulator Number:		Flow Regulator Number:	
Flow Rate (mL/min):		Flow Rate (mL/min):	30	Flow Rate (mL/min):		Flow Rate (mL/min):	
Canister Serial Number:		Canister Serial Number:	274	Canister Serial Number:		Canister Serial Number:	
Start Date/Time		Start Date/Time	3/28/16 22:16	Start Date/Time		Start Date/Time	
Start Pressure ("Hg):		Start Pressure ("Hg):	30	Start Pressure ("Hg):		Start Pressure ("Hg):	
Stop Date/Time		Stop Date/Time	3/29/16 6:14	Stop Date/Time		Stop Date/Time	
Stop Pressure ("Hg):		Stop Pressure ("Hg):	7	Stop Pressure ("Hg):		Stop Pressure ("Hg):	
Sample ID:		Sample ID:	828076-IA-001-Tryon	Sample ID:		Sample ID:	828076-AA-001-01

Other Sampling Information:

(See "central unit" Air Record)

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:	1	Story/Level:		Direction from Building	
Floor Slab Thickness:		Room:	Store	Room:		Distance from Building:	
Potential Vapor Entry Points:		Potential Vapor Entry Points:	Utilities HVAC	Potential Vapor Entry Points:		Distance from Roadway:	
Floor Surface:		Floor Surface:	Concrete	Floor Surface:		Ground Surface:	
Noticable Odor:		Noticable Odor:	Rubber tires	Noticable Odor:		Noticable Odor:	
PID Reading (ppb):		PID Reading (ppb):	3146	PID Reading (ppb):		PID Reading (ppb):	
Intake Depth/Height:		Intake Height:	3.5	Intake Height:		Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:		Indoor Air Temp	68°F	Indoor Air Temp		Intake tubing?	

Comments/Location Sketch: 80 Rockwood - Tryon Bikes rental space

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FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

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INDOOR AIR SAMPLING RECORD

PROJECT NAME:	Scobell Chemical March 2016 SVI	LOCATION ID:	Structure 1
DATE:	3/28/16		
PROJECT NO./TASK NO.:	3617147328	CLIENT:	NYSDEC
PROJECT LOCATION:	Rochester, New York	SAMPLER NAME:	Nate Vogan / John Luttinger
WEATHER CONDITIONS (~~AM~~ Start):	40°, 73% RH, 29.91", NW	SAMPLER SIGNATURE:	
WEATHER CONDITIONS (~~PM~~ Stop):	41°, 31% RH, 30.27", NW	CHECKED BY:	C. Stryker
DATE:	4/29/16		

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number:	406	Flow Regulator Number:		Flow Regulator Number:	
Flow Rate (mL/min):		Flow Rate (mL/min):	8hr	Flow Rate (mL/min):		Flow Rate (mL/min):	
Canister Serial Number:		Canister Serial Number:	189	Canister Serial Number:		Canister Serial Number:	
Start Date/Time		Start Date/Time	3/28/16 22:23	Start Date/Time		Start Date/Time	
Start Pressure ("Hg):		Start Pressure ("Hg):	28	Start Pressure ("Hg):		Start Pressure ("Hg):	
Stop Date/Time		Stop Date/Time	3/29/16 6:25	Stop Date/Time		Stop Date/Time	
Stop Pressure ("Hg):		Stop Pressure ("Hg):	1	Stop Pressure ("Hg):		Stop Pressure ("Hg):	
Sample ID:		Sample ID:	828076-IA-001-Boxman	Sample ID:		Sample ID:	828076-AA-001-01

→ see "control unit" air record

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:	1	Story/Level:		Direction from Building	
Floor Slab Thickness:		Room:	Main Store	Room:		Distance from Building:	
Potential Vapor Entry Points:		Potential Vapor Entry Points:		Potential Vapor Entry Points:		Distance from Roadway:	
Floor Surface:		Floor Surface:	Carpet over Concrete	Floor Surface:		Ground Surface:	
Noticable Odor:		Noticable Odor:	No	Noticable Odor:		Noticable Odor:	
PID Reading (ppb):		PID Reading (ppb):	209	PID Reading (ppb):		PID Reading (ppb):	
Intake Depth/Height:		Intake Height:	3'	Intake Height:		Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:		Indoor Air Temp	68°F	Indoor Air Temp		Intake tubing?	

Comments/Location Sketch: 80 Rockwood - Boxman rental space

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FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

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INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 1 | DATE: 3/28/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (~~AM~~ Start): 40°, 73% RH, 29.91", NW | SAMPLER SIGNATURE:

WEATHER CONDITIONS (~~PM~~ Stop): 41°, 31% RH, 30.27", NW | CHECKED BY: C. Stopler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ INDOOR AIR SAMPLE		~~FIRST-FLOOR~~ AIR SAMPLE - Dupe		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number:	1167	Flow Regulator Number:	156	Flow Regulator Number:	
Flow Rate (mL/min):		Flow Rate (mL/min):	8hr	Flow Rate (mL/min):	8hr	Flow Rate (mL/min):	
Canister Serial Number:		Canister Serial Number:	101	Canister Serial Number:	357	Canister Serial Number:	
Start Date/Time		Start Date/Time 3/28/16 22:30		Start Date/Time 3/28/16 22:30		Start Date/Time	
Start Pressure ("Hg):		Start Pressure ("Hg):	28	Start Pressure ("Hg):	30	Start Pressure ("Hg):	
Stop Date/Time		Stop Date/Time 3/29/16 6:30		Stop Date/Time 3/29/16 6:30		Stop Date/Time	
Stop Pressure ("Hg):		Stop Pressure ("Hg):	2	Stop Pressure ("Hg):	11	Stop Pressure ("Hg):	
Sample ID:		Sample ID: 828076-IA-001-NSC		Sample ID: 82807-IA-001-NSCD		Sample ID: 828076-AA-001-01	

Other Sampling Information:

→ see "central unit" air record

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:	1	Story/Level:	1	Direction from Building	
Floor Slab Thickness:		Room:	Hall	Room:	Hall	Distance from Building:	
Potential Vapor Entry Points:		Potential Vapor Entry Points:	HVAC	Potential Vapor Entry Points:	HVAC	Distance from Roadway:	
Floor Surface:		Floor Surface:	Wood laminate over carpet	Floor Surface:	Wood laminate	Ground Surface:	
Noticable Odor:		Noticable Odor:	No	Noticable Odor:	No	Noticable Odor:	
PID Reading (ppb):		PID Reading (ppb):	166	PID Reading (ppb):	166	PID Reading (ppb):	
Intake Depth/Height:		Intake Height:	2'	Intake Height:	2'	Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:		Indoor Air Temp	70°F	Indoor Air Temp	70°F	Intake tubing?	

Comments/Location Sketch: 80 Rockwood - NSC (National Sweepstakes Corp) rental space

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FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

80 Rockwood Place - Central Unit

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 1 | DATE: 3/28/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (~~AM~~): 40°; 73% RH; 29.91"; NW | SAMPLER SIGNATURE:

WEATHER CONDITIONS (~~PM~~): Tue Morn 36°, 62% Humidity | CHECKED BY: C. Stapler | DATE: 4/29/16

Pressure ~~29.79~~ 30.12" inches

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number: ±1	294	Flow Regulator Number:	450	Flow Regulator Number:		Flow Regulator Number:	278
Flow Rate (mL/min):	8hr	Flow Rate (mL/min):	8hr	Flow Rate (mL/min):		Flow Rate (mL/min):	8hr
Canister Serial Number:	368	Canister Serial Number:	556	Canister Serial Number:		Canister Serial Number:	237
Start Date/Time 3/28/16 22:50		Start Date/Time 3/28/16 23:05		Start Date/Time		Start Date/Time 3/28/16 23:00	
Start Pressure ("Hg):	30	Start Pressure ("Hg):	30	Start Pressure ("Hg):		Start Pressure ("Hg):	30
Stop Date/Time 6/29/16 6:31		Stop Date/Time 6/29/16 6:31		Stop Date/Time		Stop Date/Time 3/29/16 6:01	
Stop Pressure ("Hg):	2.5	Stop Pressure ("Hg):	12	Stop Pressure ("Hg):		Stop Pressure ("Hg):	1
Sample ID: 828076-SS-001-01		Sample ID: 828076-IA-001-Central		Sample ID:		Sample ID: 828076-AA-001-01	

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement	storage room	Story/Level:	1	Story/Level:		Direction from Building	West
Floor Slab Thickness:	6"	Room:	storage room	Room:		Distance from Building:	10'
Potential Vapor Entry Points:	pipe race + elevator	Potential Vapor Entry Points:	pipe race elevator	Potential Vapor Entry Points:		Distance from Roadway:	100'
Floor Surface:	Concrete	Floor Surface:	Concrete	Floor Surface:		Ground Surface:	Asphalt
Noticable Odor:	No	Noticable Odor:	No	Noticable Odor:		Noticable Odor:	No
PID Reading (ppb):	439	PID Reading (ppb):	318	PID Reading (ppb):		PID Reading (ppb):	120
Intake Depth/Height:	8"	Intake Height:	4'	Intake Height:		Intake Height above Ground Surface:	4'
Helium Test Conducted? Breakthrough %:	16.5% 815 ppm	Indoor Air Temp	65°F	Indoor Air Temp		Intake tubing?	No

Comments/Location Sketch:

SS Sample Point under Stairway opposite sliding fire door

~~AA~~ Sample Point in Alley on metal fire escape stairs

IA Sample on south wall of room (west of fire door 15')

SS Vacuum -0.006 WC1

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FIGURE 4.19

INDOOR AIR SAMPLING RECORD

NYSDEC QUALITY ASSURANCE PROJECT PLAN

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90 Rockwood - Basement

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 1 | DATE: 3/29/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (AM): 34°, 63% RH, 30.12", WNW | SAMPLER SIGNATURE: [signature]

WEATHER CONDITIONS (PM): 43°, 23% RH, 32.25", WNW | CHECKED BY: C. Stegler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		BASEMENT INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number: T2	117	Flow Regulator Number:		Flow Regulator Number:	177
Flow Rate (mL/min):		Flow Rate (mL/min):	8hr	Flow Rate (mL/min):		Flow Rate (mL/min):	8hr
Canister Serial Number:		Canister Serial Number:	170	Canister Serial Number:		Canister Serial Number:	1191
Start Date/Time		Start Date/Time	3/29/16 8:22	Start Date/Time		Start Date/Time	3/29/16 8:33
Start Pressure ("Hg):		Start Pressure ("Hg):	30+	Start Pressure ("Hg):		Start Pressure ("Hg):	30
Stop Date/Time		Stop Date/Time	3/29/16 16:07	Stop Date/Time		Stop Date/Time	3/29/16 16:15
Stop Pressure ("Hg):		Stop Pressure ("Hg):	6	Stop Pressure ("Hg):		Stop Pressure ("Hg):	9.5
Sample ID:		Sample ID:	828076-IA-001 -Basement	Sample ID:		Sample ID:	828076-AA-001 -02

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:	Basement	Story/Level:		Direction from Building	West
Floor Slab Thickness:		Room:	Boiler	Room:		Distance from Building:	20'
Potential Vapor Entry Points:		Potential Vapor Entry Points:	Sump	Potential Vapor Entry Points:		Distance from Roadway:	120'
Floor Surface:		Floor Surface:	Concrete	Floor Surface:		Ground Surface:	Asphalt
Noticable Odor:		Noticable Odor:	No	Noticable Odor:		Noticable Odor:	No
PID Reading (ppb):		PID Reading (ppb):	460	PID Reading (ppb):		PID Reading (ppb):	17
Intake Depth/Height:		Intake Height:	2.5'	Intake Height:		Intake Height above Ground Surface:	4'
Helium Test Conducted? Breakthrough %:		Indoor Air Temp	90°F	Indoor Air Temp		Intake tubing?	No

Comments/Location Sketch:

Canister ~15' North of new boiler

MACTEC

511 Congress Street, Portland, ME 04101

FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

C:\Users\nathan.vogan\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\6MLFHUAQ\Figure 4 19 Indoor Air Sampling form.xls

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 1 | DATE: 3/29/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS ~~(AM)~~ Start: 34°, 63% rh, 30.12", WNW | SAMPLER SIGNATURE:

WEATHER CONDITIONS ~~(PM)~~: 42°, 23% rh, 30.25", WNW | CHECKED BY: C. Stapler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		BASEMENT INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number:		Flow Regulator Number: 2	398	Flow Regulator Number:	
Flow Rate (mL/min):		Flow Rate (mL/min):		Flow Rate (mL/min):	8hr	Flow Rate (mL/min):	
Canister Serial Number:		Canister Serial Number:		Canister Serial Number:	202	Canister Serial Number:	
Start Date/Time		Start Date/Time		Start Date/Time	3/29/16 8:05	Start Date/Time	
Start Pressure ("Hg):		Start Pressure ("Hg):		Start Pressure ("Hg):	30+	Start Pressure ("Hg):	
Stop Date/Time		Stop Date/Time		Stop Date/Time	3/29/16 16:00	Stop Date/Time	
Stop Pressure ("Hg):		Stop Pressure ("Hg):		Stop Pressure ("Hg):	7	Stop Pressure ("Hg):	
Sample ID:		Sample ID:		Sample ID:	828076-IA-001-BCC	Sample ID:	828076-AA-001-02

→ See "Basement" Air Record

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:		Story/Level:	1	Direction from Building	
Floor Slab Thickness:		Room:		Room:	Main Work room	Distance from Building:	
Potential Vapor Entry Points:		Potential Vapor Entry Points:		Potential Vapor Entry Points:	HVAC	Distance from Roadway:	
Floor Surface:		Floor Surface:		Floor Surface:	Carpet over concrete	Ground Surface:	
Noticable Odor:		Noticable Odor:		Noticable Odor:	No	Noticable Odor:	
PID Reading (ppb):		PID Reading (ppb):		PID Reading (ppb):	66	PID Reading (ppb):	
Intake Depth/Height:		Intake Height:		Intake Height:	4'	Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:		Indoor Air Temp		Indoor Air Temp	68°F	Intake tubing?	

Comments/Location Sketch: 80 Rockwood - BCC rental space

Global

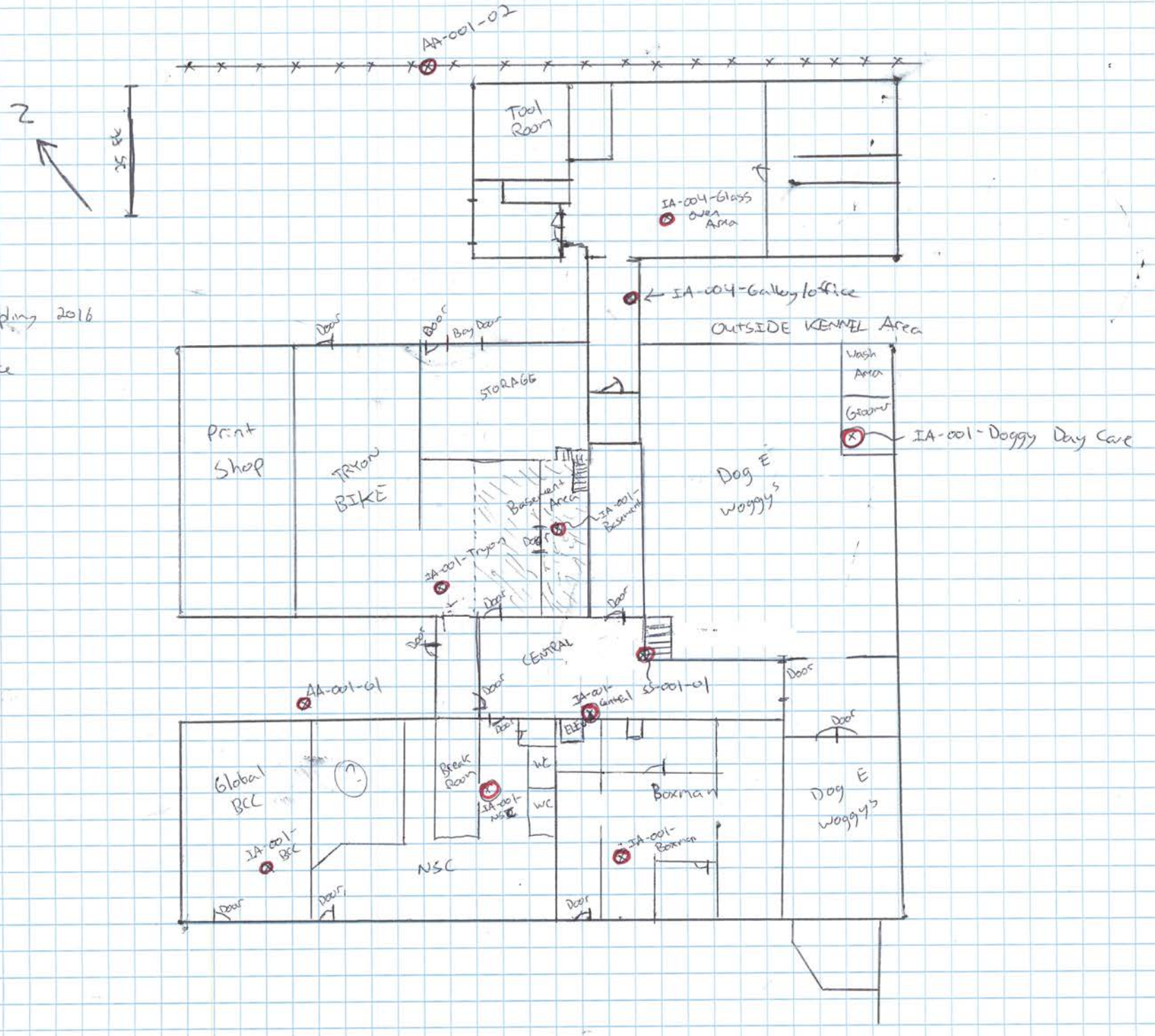
MACTEC

511 Congress Street, Portland, ME 04101

FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

C:\Users\nathan.vogan\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\6MLFHUAQ\Figure 4 19 Indoor Air Sampling form.xls

3617147328.05
Indoor Air Sampling 2016
Sidell Chemical
80 Rockwood Place
NW 5/2/16



80 Rockwood - Ambient

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1177

Direction:
west

Description:
Outdoor Ambient
Sample ID
AA-001-01

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1178

Direction:
east

Description:
Eastern entrance to 80 Rockwood Place

80 Rockwood - Ambient

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:

Nate Vogan

Date:

3/29/2016

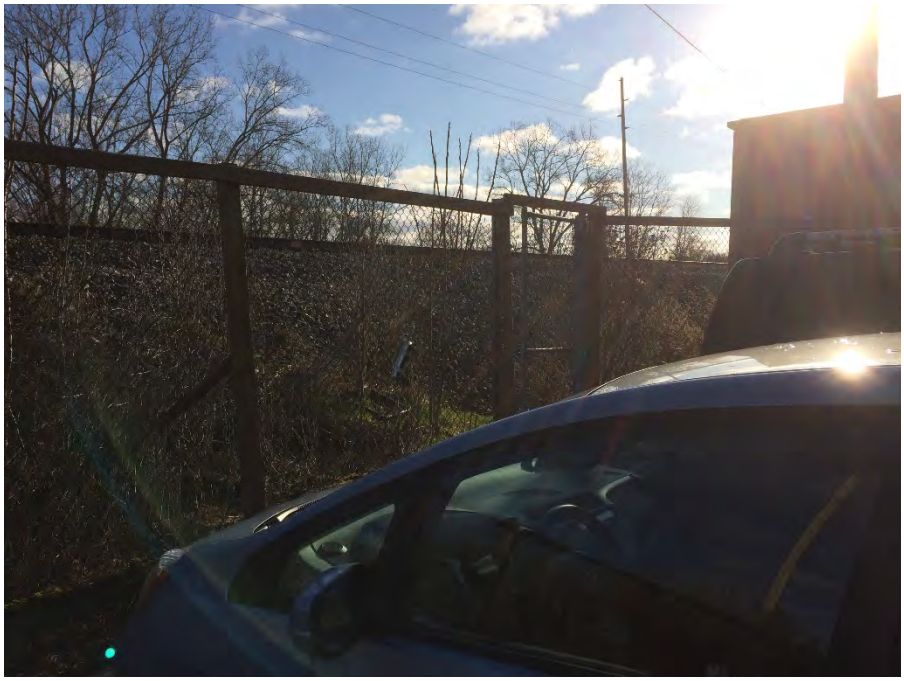
Photograph: 1203

Direction:

northeast

Description:

Ambient Air Sample
AA-001-02



80 Rockwood - Basement

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1198

Direction:
NA

Description:
Sample
IA-001-Basement

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1199

Direction:
NA

Description:
Sump pit in basement

80 Rockwood - Basement

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:

Nate Vogan

Date:

3/29/2016

Photograph: 1201

Direction:

North

Description:

Basement

80 Rockwood – BCC Global

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

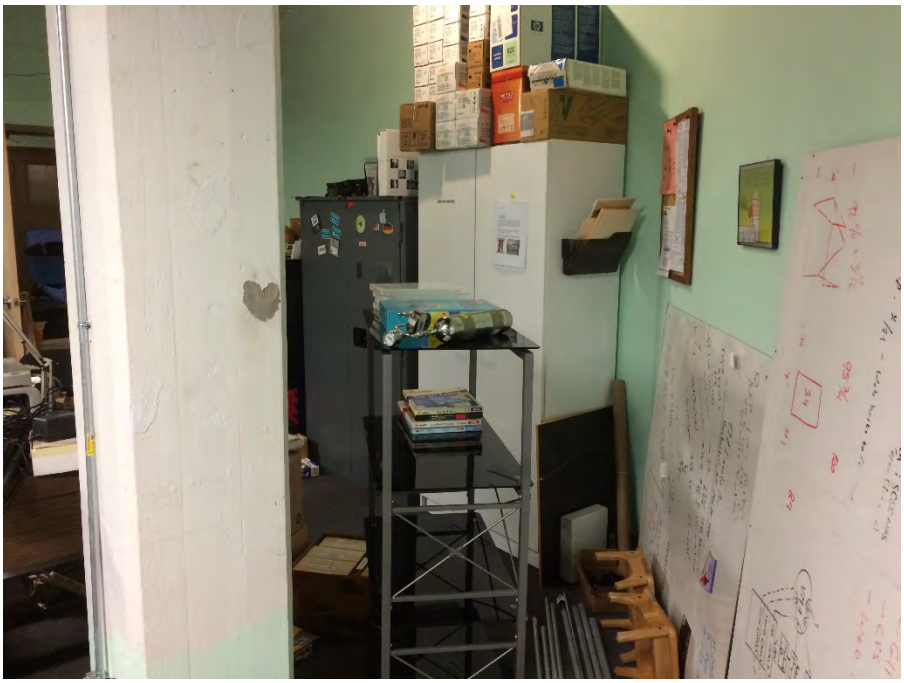
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1188

Direction:
NA

Description:
Indoor Air Sample
IA-001-BCC



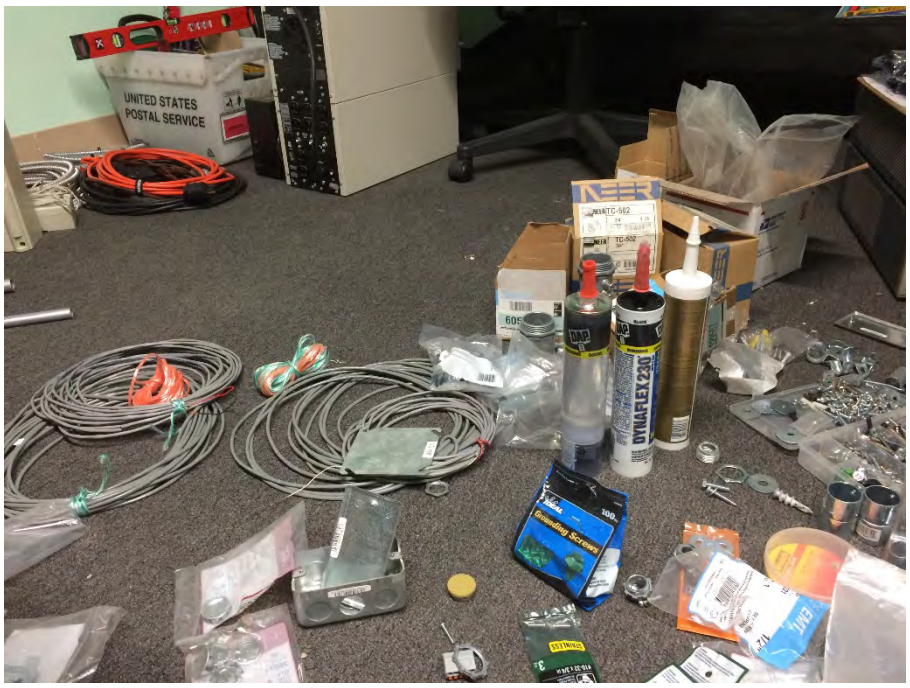
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1189

Direction:
NA

Description:
Chemicals in BCC Global



80 Rockwood - Boxman

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

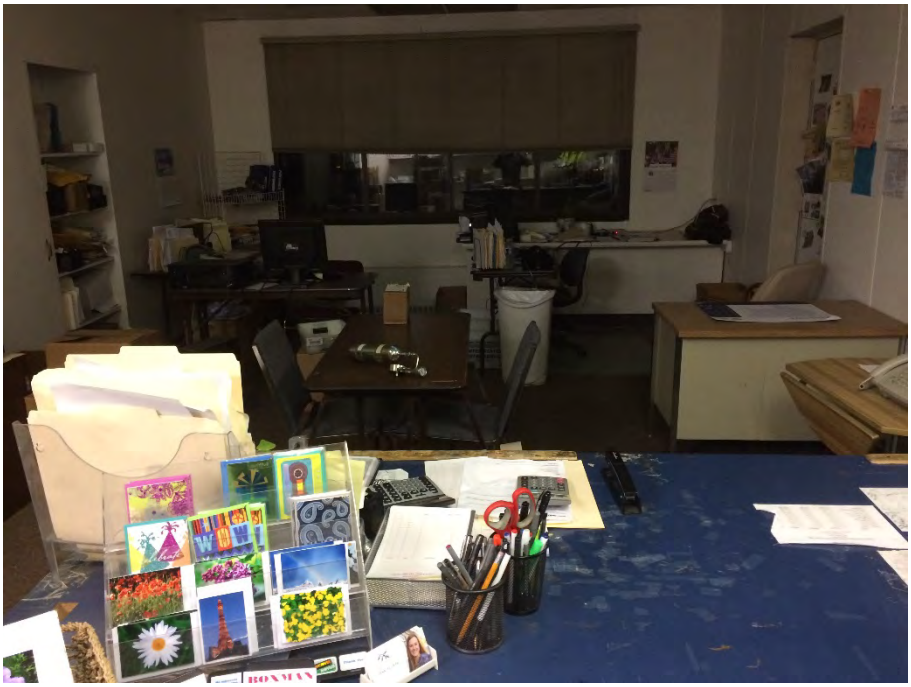
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1165

Direction:
NA

Description:
Boxman Interior Sample = IA-001-Boxman



Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1166

Direction:
NA

Description:
Boxman Interior-Chemical

80 Rockwood - Boxman

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1169

Direction:
NA

Description:
Boxman Interior

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1168

Direction:
NA

Description:
Boxman Interior

80 Rockwood - Boxman

Client: NYSDEC	***Project Number:*** 3617147328
Site Name: Scobell Chemical – NYSDOT Site	***Site Location:*** Brighton, New York

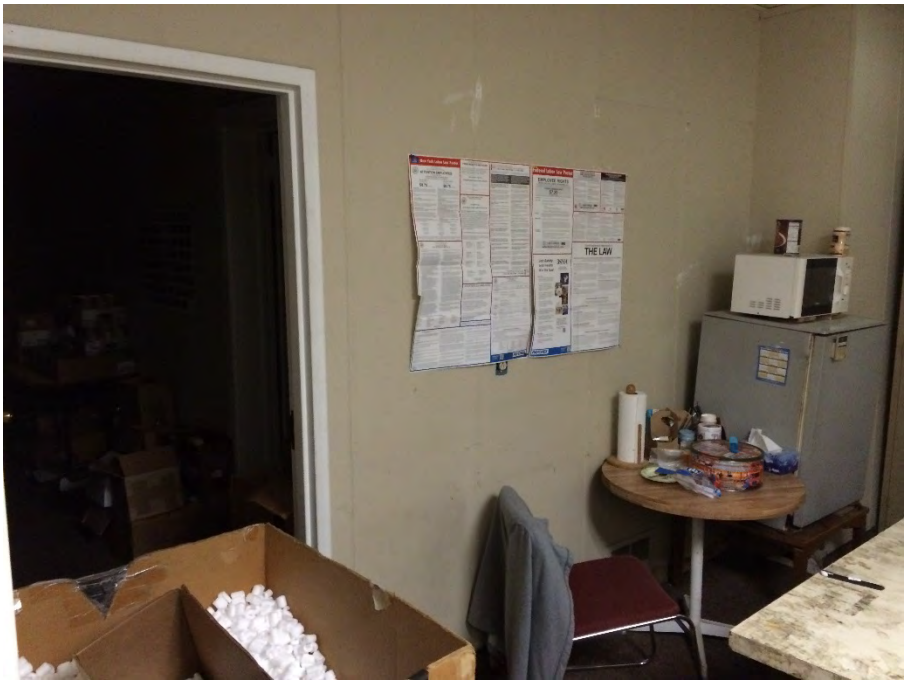
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1171

Direction:
NA

Description:
Boxman Interior



Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1172

Direction:
NA

Description:
Boxman Interior

80 Rockwood – Central Room

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1179

Direction:
South

Description:
Air Sample Location
IA-001-Central
(below off-white
angled ceiling)

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1180

Direction:
North

Description:
Sub-slab sample
SS-001-01
(can removed)

80 Rockwood – Central Room

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:

Nate Vogan

Date:

3/29/16

Photograph: 1183

Direction:

East

Description:

From central room – looking to doggy day care

80 Rockwood – Central Room

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

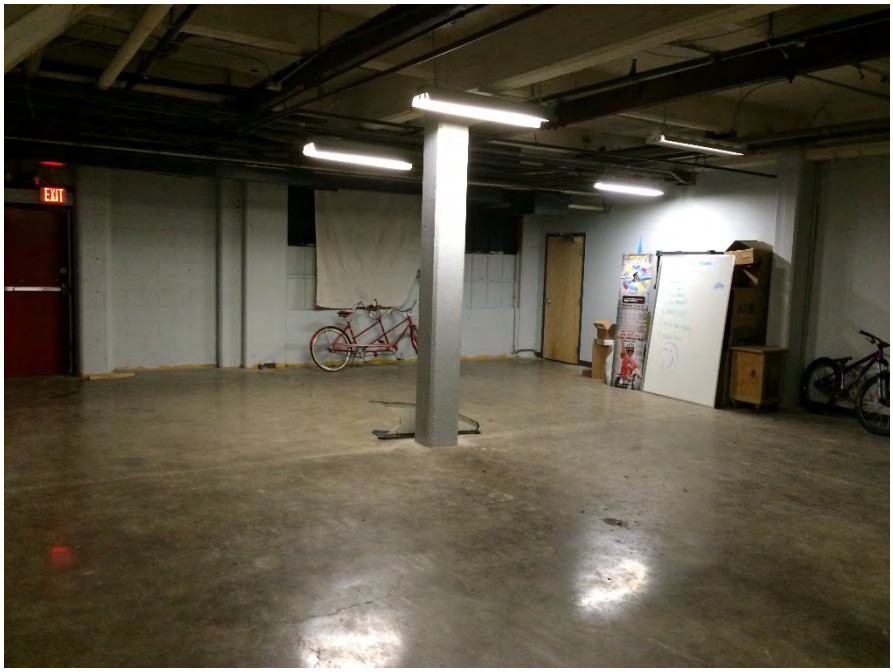
Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1184

Direction:
northwest

Description:
Central Room



Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1185

Direction:
North

Description:
Central Room

80 Rockwood – Doggy Day Care

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1127

Direction:
Looking north

Description:
Interior Office

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1128

Direction:
Looking south

Description:
Interior Office

80 Rockwood – Doggy Day Care

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1129 ***Direction:*** NA ***Description:*** Grooming Room – Indoor Air Sample IA-001-Doggy Day Care	
Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1130 ***Direction:*** NA ***Description:*** Looking from grooming area to main room.	

80 Rockwood – Doggy Day Care

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1131

Direction:
NA

Description:
Chemicals – Natures Miracle

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1134

Direction:
NA

Description:
I Love Pet Head- Deodorizing Spray

80 Rockwood – Doggy E Woggy Day Care			
Client: NYSDEC		***Project Number:*** 3617147328	
Site Name: Scobell Chemical – NYSDOT Site		***Site Location:*** Brighton, New York	
Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1132 ***Direction:*** NA ***Description:*** Chemical – ProEye- front of bottle			
Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1133 ***Direction:*** NA ***Description:*** Chemical – ProEye- Back of bottle			

80 Rockwood – Doggy Day Care

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:

Nate Vogan

Date:

3/29/2016

Photograph: 1136

Direction:

NA

Description:

SSDS System –Doggy Day care
1.1 inches water column

80 Rockwood – NSC

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1174

Direction:
North

Description:
Indoor Air Samples
IA-001-NSC
IA-001-NSC duplicate
(breakroom on left)

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1175

Direction:
west

Description:
hallway

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1126

Direction:
NA

Description:
Tryon Bikes
Air Sample =
IA-001-Tryon

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1137

Direction:
NA

Description:
Tryon Bikes
Air Sample =
IA-001-Tryon

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1138

Direction:
NA

Description:
Tryon Bikes
Chemicals for sale

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1139

Direction:
NA

Description:
Tryon Bikes
Chemicals for sale

80 Rockwood – Tryon Bike

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1140

Direction:
3/29/16

Description:
Tryon Bikes
Hydraulic Fluid

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1141

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1144

Direction:
3/29/16

Description:
Tryon Bikes
CleanSafe Degreaser

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1143

Direction:
3/29/16

Description:
Tryon Bikes
CleanSafe Degreaser

80 Rockwood – Tryon Bike			
Client: NYSDEC		***Project Number:*** 3617147328	
Site Name: Scobell Chemical – NYSDOT Site		***Site Location:*** Brighton, New York	
Photographer:			
Date:			
Photograph:			
Direction:			
Description:			
Photographer: Nate Vogan			
Date: 3/29/16			
Photograph: 1145			
Direction: 3/29/16			
Description: Tryon Bikes Chemicals in use			

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1146

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1147

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1148

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1149

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1150

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1151

Direction:
3/29/16

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

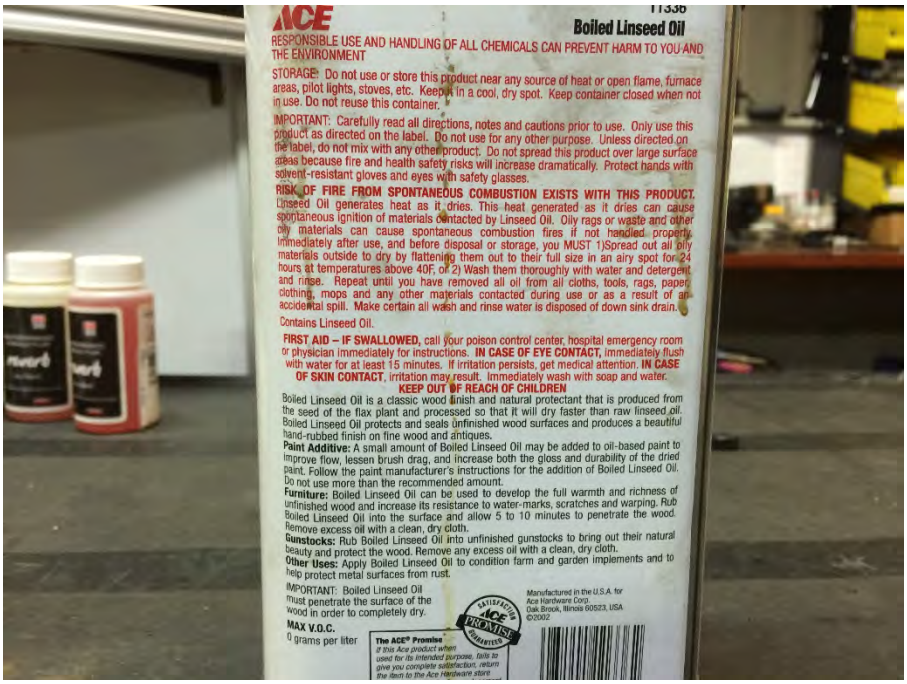
Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1152

Direction:
NA

Description:
Tryon Bikes
Chemicals in use



Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1153

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1154

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1155

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client: NYSDEC	***Project Number:*** 3617147328
Site Name: Scobell Chemical – NYSDOT Site	***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1156

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1157

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1158

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1159

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

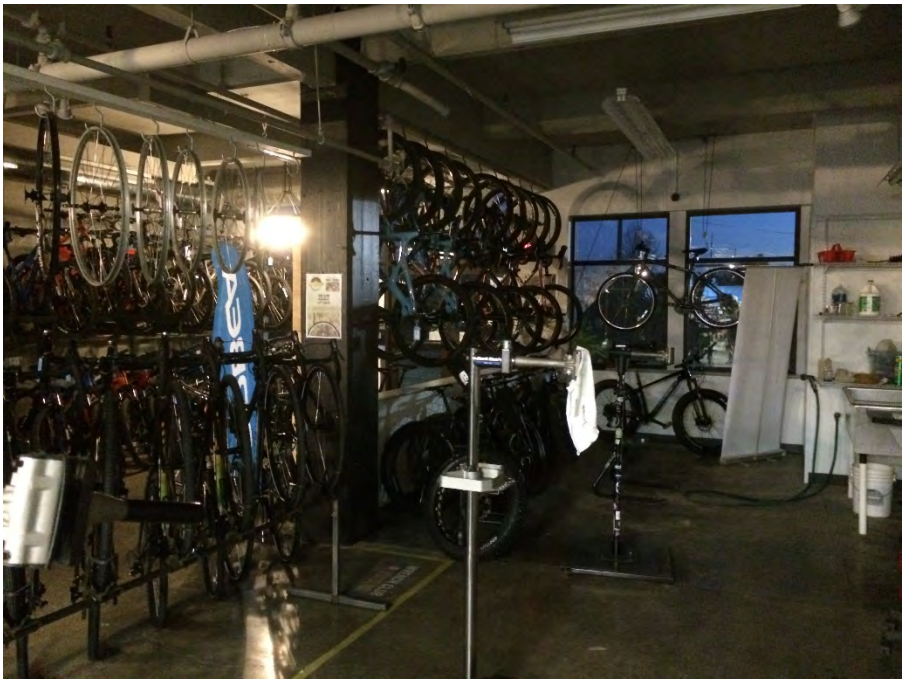
Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1160

Direction:
NA

Description:
Tryon Bikes
Bike Rack



Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1161

Direction:
NA

Description:
Tryon Bikes
Chemicals in use

80 Rockwood – Tryon Bike

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

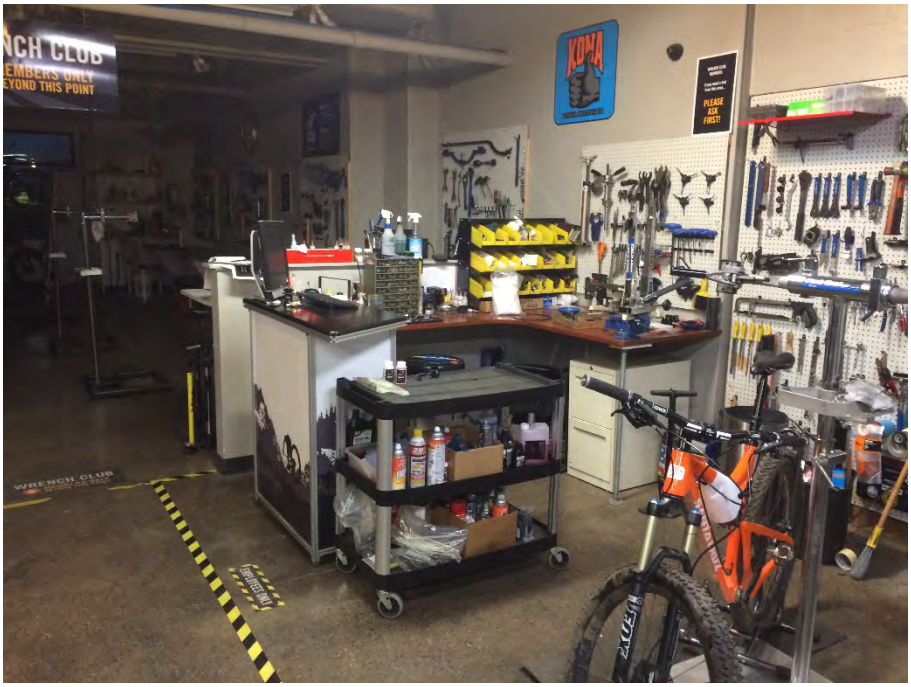
Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1162

Direction:
NA

Description:
Tryon Bikes
Work Station



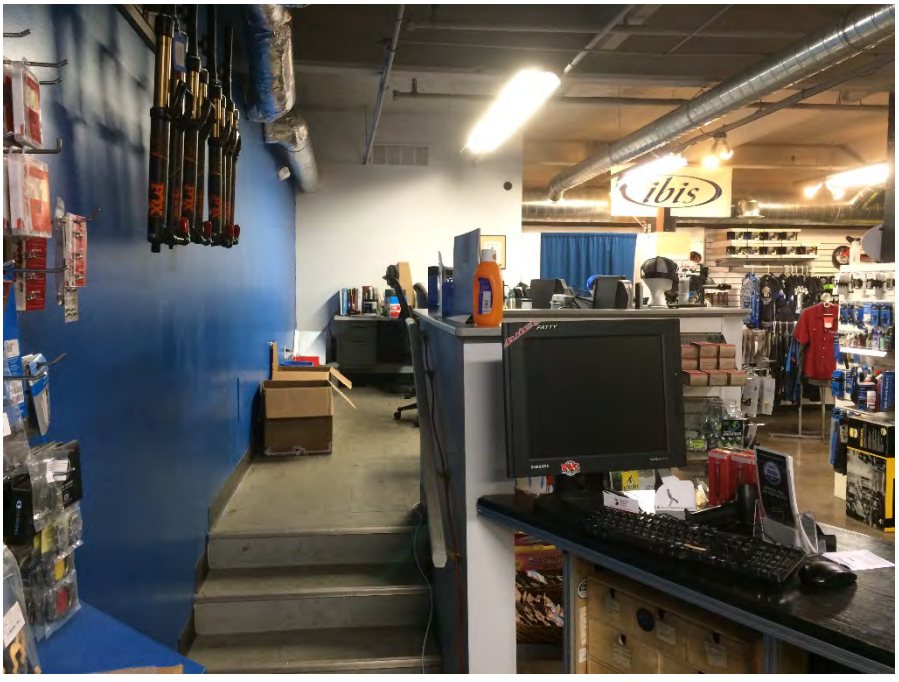
Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1163

Direction:
NA

Description:
Tryon Bikes
Front desk



80 Rockwood – Tryon Bike

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/16

Photograph: 1164

Direction:
NA

Description:
Tryon Bikes
Storage

Photographer:

Date:

Photograph:

Direction:

Description:

Periodic Operations Visit Form

☐ Check box if new sys info

System ID: **828076** Date of Visit: **Mar 28, 2016**

Owner Name: Margaret Eidman Date Installed: 07/19/12,Modified 10/15

System Address: 80 Rockwood Place - Structure 4 Telephone:

City: Rochester Zip: 14610 Alt. Telephone:

Performed By: Nate Vogan / John Luttinger Site No: 828076

Company: Amec Foster Wheeler E&I - MACTEC Site Name: Scobell Chemical-NYSDOT Site

EXTERIOR

Fan Operation Confirmation

	Fan #1	Fan #2	Fan #3
Fan Model No(s).	OBAR - 76UD	Radonaway - RP265	
Is Fan Operating (arrival)?	◉ Yes ○ No	◉ Yes ○ No	○ Yes ○ No
Confirmation Method	Other	Other	
Is Fan Operating (departure)?	◉ Yes ○ No	◉ Yes ○ No	○ Yes ○ No

Requested to inspect interior system components? ◉ Yes ○ No

If yes, when and by whom? Nate Vogan Date: Mar 28, 2016

INTERIOR

			Notes
Structural Review			
Change in building footprint since last inspection?	○ Yes	◉ No	
Basement occupied (>4 hrs per day)?	○ Yes	◉ No	
Heating/ventilation system modifications?	○ Yes	◉ No	
Crawlspace inspected?	○ Yes	◉ No	
Large cracks in floor or near sumps?	○ Yes	◉ No	
Wall penetrations or cracks noted?	○ Yes	◉ No	
Piping, Slab & Wall			
Are system suction points sealed?	◉ Yes	○ No	
Is piping system in need of repair?	○ Yes	◉ No	
Miscellaneous			
Are manometer levels equal?	◉ Yes	○ No	
Are system labels accurate and applied correctly?	◉ Yes	○ No	

Maintenance completed (check all that apply): ☐ Replace fan ☐ Seal pipe ☐ Electrical ☐ Other

Describe repairs made and any proposed actions requiring a subsequent visit (if necessary):

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Structure 4 | DATE: 3/29/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (AM): 34°, 63% rh, 30.13", NNW | SAMPLER SIGNATURE:

WEATHER CONDITIONS (PM): 41°, 23% RH, 30.25", NNW | CHECKED BY: C. Stapler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:		Flow Regulator Number: 2	446	Flow Regulator Number: 2	1161	Flow Regulator Number:	
Flow Rate (mL/min):		Flow Rate (mL/min):	8 hr	Flow Rate (mL/min):	8 hr	Flow Rate (mL/min):	
Canister Serial Number:		Canister Serial Number:	285	Canister Serial Number:	133	Canister Serial Number:	
Start Date/Time		Start Date/Time	3/29/16 8:12	Start Date/Time	3/29/16 8:15	Start Date/Time	
Start Pressure ("Hg):		Start Pressure ("Hg):	30+	Start Pressure ("Hg):	30+	Start Pressure ("Hg):	
Stop Date/Time		Stop Date/Time	3/29/16 16:05	Stop Date/Time	3/29/16 16:06	Stop Date/Time	
Stop Pressure ("Hg):		Stop Pressure ("Hg):	5	Stop Pressure ("Hg):	8.5	Stop Pressure ("Hg):	
Sample ID:		Sample ID: 828076-IA-004 Gallery/Office		Sample ID: 828076-IA-004 Glass Oven Area		Sample ID: 828076-AA-001-02	

→ See Structure 1 "Basement" Air Record

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement		Story/Level:	1st	Story/Level:	1st	Direction from Building	
Floor Slab Thickness:		Room:	Hallway	Room:	oven room	Distance from Building:	
Potential Vapor Entry Points:		Potential Vapor Entry Points:	utility Penet.	Potential Vapor Entry Points:	utility Penet.	Distance from Roadway:	
Floor Surface:		Floor Surface:	Concrete	Floor Surface:	Concrete	Ground Surface:	
Noticable Odor:		Noticable Odor:	No	Noticable Odor:	No	Noticable Odor:	
PID Reading (ppb):		PID Reading (ppb):	170	PID Reading (ppb):	170	PID Reading (ppb):	
Intake Depth/Height:		Intake Height:	4'	Intake Height:	3'	Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:		Indoor Air Temp	68°	Indoor Air Temp	68°	Intake tubing?	

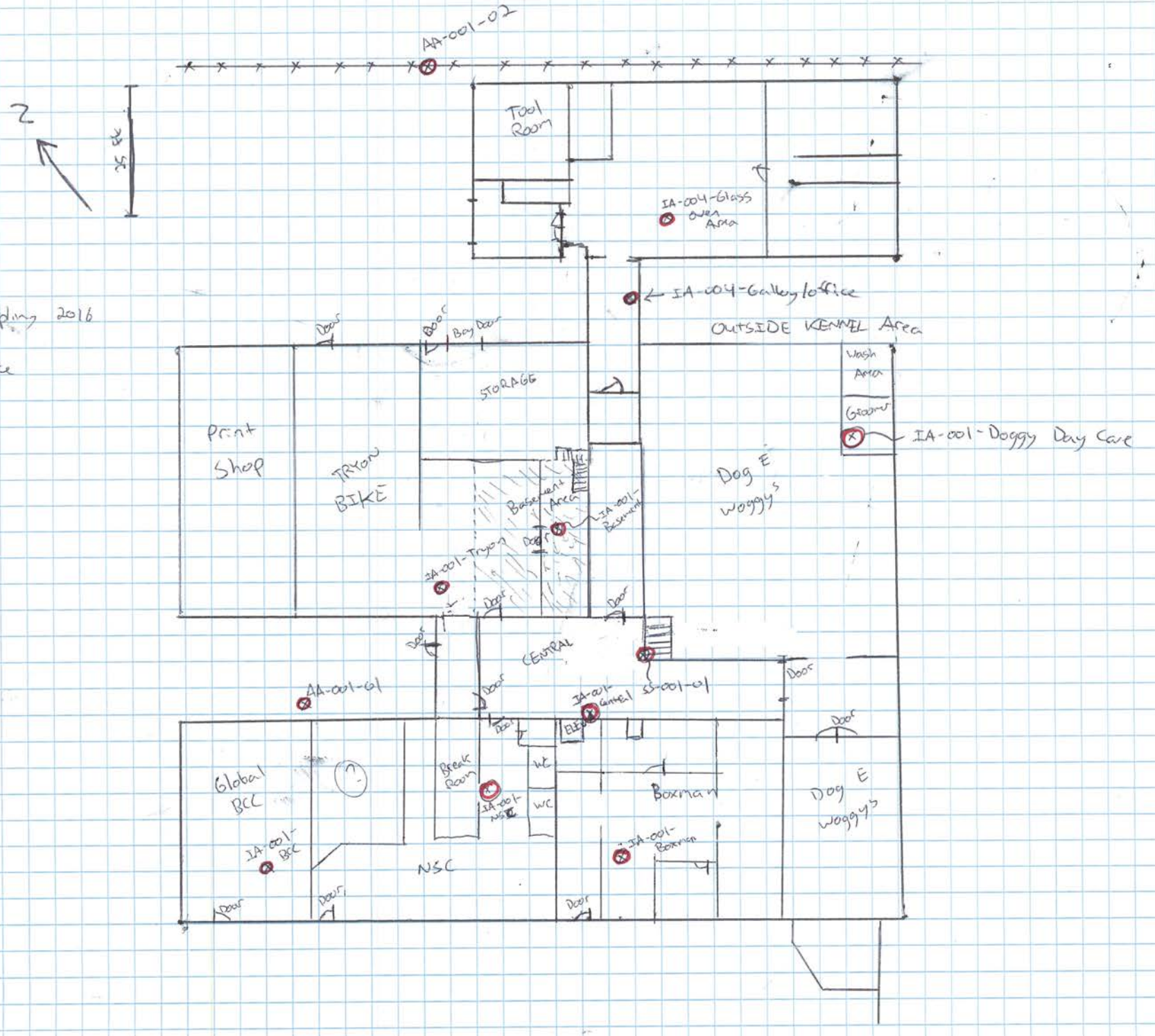
Comments/Location Sketch: 80 Rockwood - More Fire Glass Studio - Structure #4

MACTEC
511 Congress Street, Portland, ME 04101

FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

C:\Users\nathan.vogan\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\6MLFHUAQ\Figure 4 19 Indoor Air Sampling form.xls

3617147328.05
Indoor Air Sampling 2016
Sidell Chemical
80 Rockwood Place
NW 5/2/16



80 Rockwood – More Fire Glass Studio

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1190

Direction:
East

Description:
Office indoor air sample IA-004-Gallery/Office

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1191

Direction:
South

Description:
Into Office from Gallery

80 Rockwood – More Fire Glass Studio

Client: NYSDEC	***Project Number:*** 3617147328
Site Name: Scobell Chemical – NYSDOT Site	***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1192

Direction:
Southwest

Description:
In main room of glass studio (near ovens)

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1193

Direction:
NA

Description:
Chemicals in studio

80 Rockwood – More Fire Glass Studio

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1194

Direction:
NA

Description:
Chemicals in studio

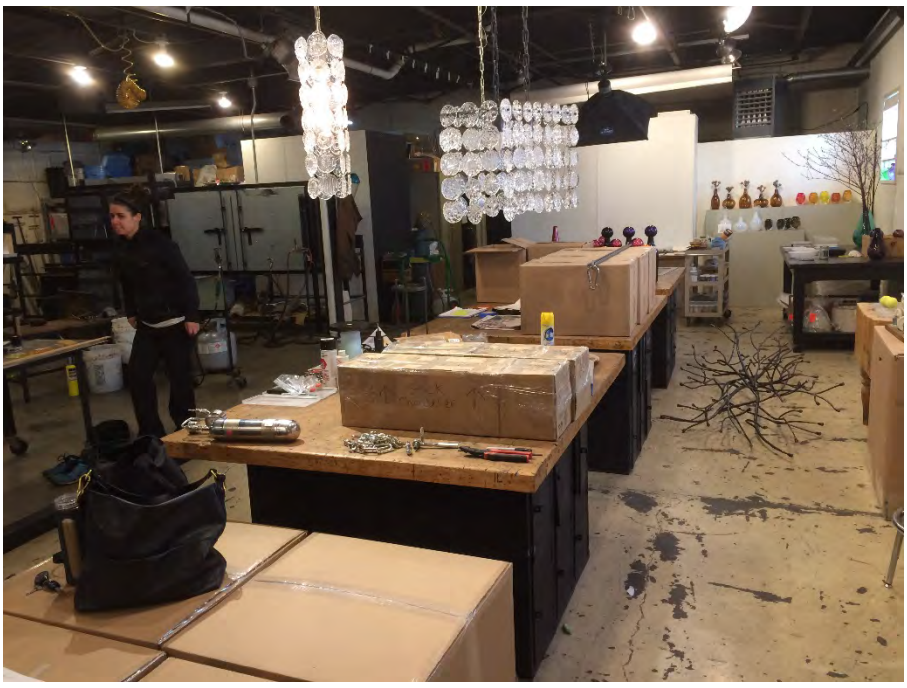
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1195

Direction:
Looking east

Description:
Main glass room with oven
Indoor Air Sample
IA-004-Oven Area



80 Rockwood – More Fire Glass Studio

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

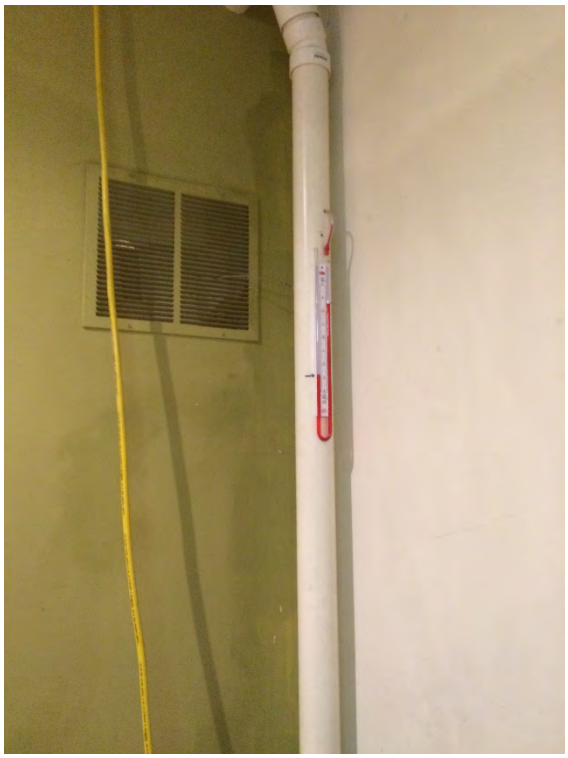
Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1196

Direction: NA

Description: SSDS Manometer- operating per design



Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1197

Direction: NA

Description: SSDS Manometer- operating per design

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Scobell Chemical | Site Code: 828076 | Operable Unit:

Building Code: | Building Name: Brighton Manor - Structure 5

Address: 989 Blossom Rd | Apt/Suite No:

City: Rochester | State: NY | Zip: 14610 | County: Monroe

Contact Information

Preparer's Name: Nathan Vogan | Phone No: 518-372-0905

Preparer's Affiliation: Amec Foster Wheeler E&I - MACTEC | Company Code:

Purpose of Investigation: End of Heating Season March 2016 | Date of Inspection: Mar 29, 2016

Contact Name: Christina Oropeza | Affiliation: MANAGER

Phone No: (585) 482-3000 | Alt. Phone No: | Email:

Number of Occupants (total): | Number of Children:

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

Owner Name (if different): | Owner Phone:

Owner Mailing Address:

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED | Bldg Size (S/M/L): LARGE

If Commercial or Industrial Facility, Select Operations:

If Residential Select Structure Type:

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

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

N/A

Foundation Description

Foundation Type: NO BASEMENT/SLAB | Foundation Depth (bgs): 0 | Unit: FEET

Foundation Floor Material: POURED CONCRETE

Foundation Wall Material: CONCRETE BLOCK

Foundation Floor Thickness: 6

Foundation Wall Thickness:

Unit: INCHES

☒ Floor penetrations? Describe Floor Penetrations: utilities, floor drains

☐ Wall penetrations? Describe Wall Penetrations:

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

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

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

Heating / Cooling / Ventilation Systems

Heating System: | Heat Fuel Type: GAS | ☒ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: NONE | Clothes Dryer Fuel Type:

Water Htr Vent Location: NONE | Dryer Vent Location:

Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: Brighton Manor - Structure 5 Bldg Code: _____ Date: _____

Bldg Address: 989 Blossom Rd Apt/Suite No: _____

Bldg City/State/Zip: Rochester NY, 14610

Make and Model of PID: _____ Date of Calibration: _____

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
	See pictures					☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* 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? ☐ 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: Scobell Chemical Site Code: 828076 Operable Unit:

Building Code: Building Name: Brighton Manor - Structure 5

Address: 989 Blossom Rd Apt/Suite No:

City: Rochester State: NY Zip: 14610 County: Monroe

Factors Affecting Indoor Air Quailty

Frequency Basement/Lowest Level is Occupied?: FULL TIME Floor Material: TILE

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

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

☒ Air Fresheners? Description/Location of Air Freshener:

☒ Cleaning Products Used Recently?: Description of Cleaning Products: general

☒ Cosmetic Products Used Recently?: Description of Cosmetic Products: general

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

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

☐ Recent Painting/Staining? Location of New Painting:

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

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

☒ Recent Pesticide/Rodenticide? Description of Last Use: rodent and bug, 1 week prior

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

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

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

Sampling Conditions

Weather Conditions: MOSTLY CLOUDY Outdoor Temperature: 40 °F

Current Building Use: OTHER Barometric Pressure: 30.23 in(hg)

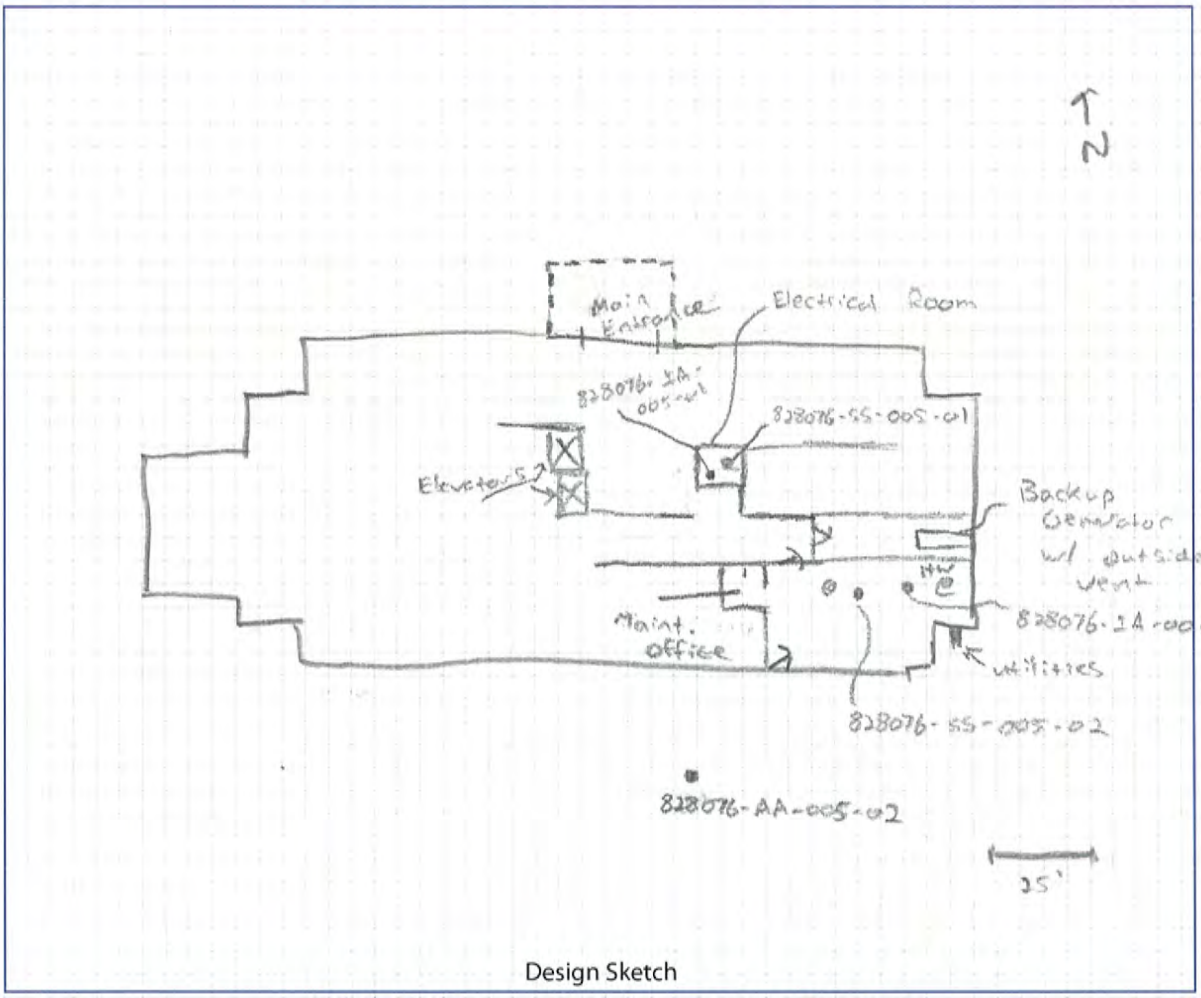
Product Inventory Complete? Yes ☒ Building Questionnaire Completed?

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 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	● PFET-1	Location and label of any pressure field test holes.

989 Blossom Road - Structure 5

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Brighton Manor | DATE: 3/28/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (~~AM~~ Start): Windy, Showers, 40°F | SAMPLER SIGNATURE: [signature]

WEATHER CONDITIONS (~~PM~~ Stop): 40°F, 41% RH, 30.22", NW | CHECKED BY: C. Stypler | DATE: 4/29/16

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		~~BASEMENT~~ (NW) INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number:	382	Flow Regulator Number: +2	437	Flow Regulator Number:		Flow Regulator Number: +3.5	340
Flow Rate (mL/min):	24hr	Flow Rate (mL/min):	24hr	Flow Rate (mL/min):		Flow Rate (mL/min):	24hr
Canister Serial Number:	550	Canister Serial Number:	243	Canister Serial Number:		Canister Serial Number:	1185
Start Date/Time 3/28/16 13:23		Start Date/Time 3/28/16 13:24		Start Date/Time		Start Date/Time 3/28/16 13:30	
Start Pressure ("Hg):	30	Start Pressure ("Hg):	30	Start Pressure ("Hg):		Start Pressure ("Hg):	29
Stop Date/Time 3/29/16 12:42		Stop Date/Time 3/29/16 12:40		Stop Date/Time		Stop Date/Time 3/29/16 12:50	
Stop Pressure ("Hg):	6	Stop Pressure ("Hg):	8	Stop Pressure ("Hg):		Stop Pressure ("Hg):	9
Sample ID: 828076-SS-005-01		Sample ID: 828076-IA-005-01		Sample ID:		Sample ID: 828076-AA-005-02	

Other Sampling Information:

Finished Basement, Crawl Space, Unfinished Basement	Machine room	Story/Level:	1	Story/Level:		Direction from Building	South
Floor Slab Thickness:	6"	Room:	Machine room	Room:		Distance from Building:	30'
Potential Vapor Entry Points:	HVAC	Potential Vapor Entry Points:	HVAC	Potential Vapor Entry Points:		Distance from Roadway:	100'
Floor Surface:	Concrete	Floor Surface:	Concrete	Floor Surface:		Ground Surface:	Dirt
Noticable Odor:	No	Noticable Odor:	No	Noticable Odor:		Noticable Odor:	No
PID Reading (ppb):	12.4 PPM	PID Reading (ppb):	375	PID Reading (ppb):		PID Reading (ppb):	10 ppb
Intake Depth/Height:	12"	Intake Height:	3.5'	Intake Height:		Intake Height above Ground Surface:	4'
Helium Test Conducted? Breakthrough %:	22.5% 0%	Indoor Air Temp	~80°F	Indoor Air Temp		Intake tubing?	No

Comments/Location Sketch:
Duplicate of Sub Slab 828076-SS-005-01D Can 553 Reg 382 - Same regulator; same pressure
Same time

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FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

INDOOR AIR SAMPLING RECORD

PROJECT NAME: Scobell Chemical March 2016 SVI | LOCATION ID: Brighton Manor | DATE: 3/28/16

PROJECT NO./TASK NO.: 3617147328 | CLIENT: NYSDEC

PROJECT LOCATION: Rochester, New York | SAMPLER NAME: Nate Vogan / John Luttinger

WEATHER CONDITIONS (AM): Windy, Showers 40°F | SAMPLER SIGNATURE:

WEATHER CONDITIONS (PM): 46°, 41% RH, 30.33", NW | CHECKED BY: | DATE:

SUMMA Canister Record Information

SUB-SLAB SOIL VAPOR SAMPLE		BASEMENT (AW) INDOOR AIR SAMPLE		FIRST FLOOR AIR SAMPLE		AMBIENT AIR SAMPLE	
Flow Regulator Number: +2	346	Flow Regulator Number: +2	434	Flow Regulator Number:		Flow Regulator Number:	
Flow Rate (mL/min):	24 hr	Flow Rate (mL/min):	24 hr	Flow Rate (mL/min):		Flow Rate (mL/min):	
Canister Serial Number:	1174	Canister Serial Number:	562	Canister Serial Number:		Canister Serial Number:	
Start Date/Time	3/28/16 13:21	Start Date/Time	3/28/16 13:20	Start Date/Time		Start Date/Time	
Start Pressure ("Hg):	30+	Start Pressure ("Hg):	30	Start Pressure ("Hg):		Start Pressure ("Hg):	
Stop Date/Time	3/29/16 12:46	Stop Date/Time	3/29/16 12:45	Stop Date/Time		Stop Date/Time	
Stop Pressure ("Hg):	6	Stop Pressure ("Hg):	7	Stop Pressure ("Hg):		Stop Pressure ("Hg):	
Sample ID:	828076-SS-005-02	Sample ID:	828076-IA-005-02	Sample ID:		Sample ID:	828076-AA-005-02

Other Sampling Information:

(See other "Brighton Manor" Air Record)

Finished Basement, Crawl Space, Unfinished Basement	Boiler Room	Story/Level:	1	Story/Level:		Direction from Building	
Floor Slab Thickness:	6"	Room:	Boiler room	Room:		Distance from Building:	
Potential Vapor Entry Points:	exterior door	Potential Vapor Entry Points:	exterior door	Potential Vapor Entry Points:		Distance from Roadway:	
Floor Surface:	Concrete	Floor Surface:	Concrete	Floor Surface:		Ground Surface:	
Noticable Odor:	No	Noticable Odor:	No	Noticable Odor:		Noticable Odor:	
PID Reading (ppb):	1975 ppb	PID Reading (ppb):	7 ppb	PID Reading (ppb):		PID Reading (ppb):	
Intake Depth/Height:	8"	Intake Height:	4'	Intake Height:		Intake Height above Ground Surface:	
Helium Test Conducted? Breakthrough %:	20.2% 0.18%	Indoor Air Temp	70° F	Indoor Air Temp		Intake tubing?	

Comments/Location Sketch: Brighton Manor - 989 Blossom Rd - Structure 5

MACTEC

511 Congress Street, Portland, ME 04101

FIGURE 4.19
INDOOR AIR SAMPLING RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

C:\Users\nathan.vogan\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\6MLFHUAQ\Figure 4 19 Indoor Air Sampling form.xls

989 Blossom – Brighton Manor

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1101

Direction:
East

Description:
Looking towards backup generator

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1102

Direction:
East

Description:
Backup Generator outside vent in background

989 Blossom – Brighton Manor

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

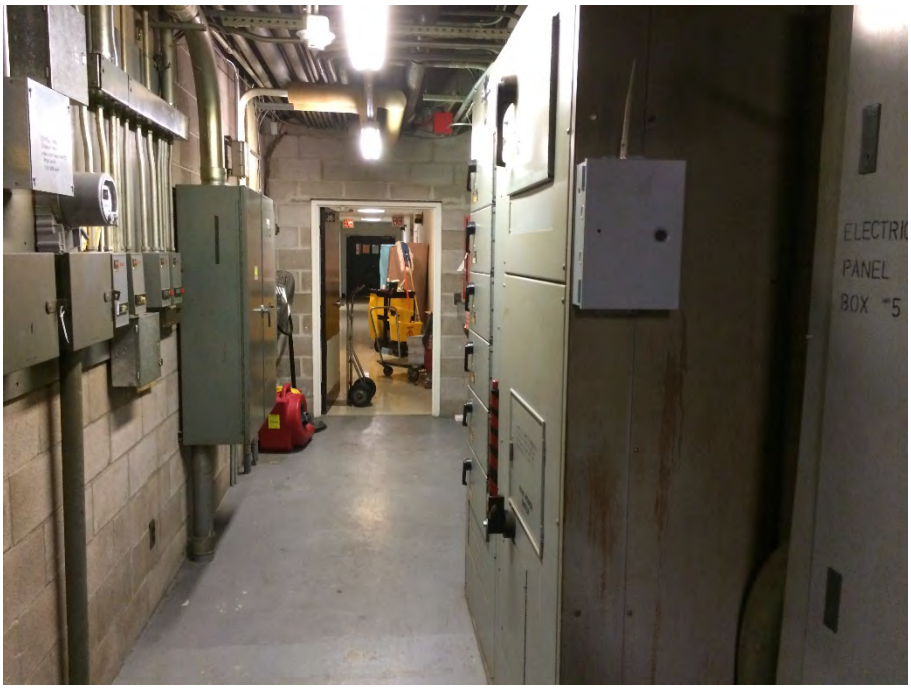
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1103

Direction:
West

Description:
Looking from backup generator room into hall.



Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1112

Direction:
South

Description:
Outdoor Ambient Air

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1108 ***Direction:*** NA ***Description:*** Electrical Room Sample – SS-005-01	
Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1109 ***Direction:*** NA ***Description:*** Electrical Room Sample – IA-005-01	

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1107

Direction:
NA

Description:
Utility Room
Sample - IA-005-02

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1106

Direction:
NA

Description:
Utility Room
Sample – SS-005-02

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1205

Direction:
NA

Description:
Mechanic Room - chemicals

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1206

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

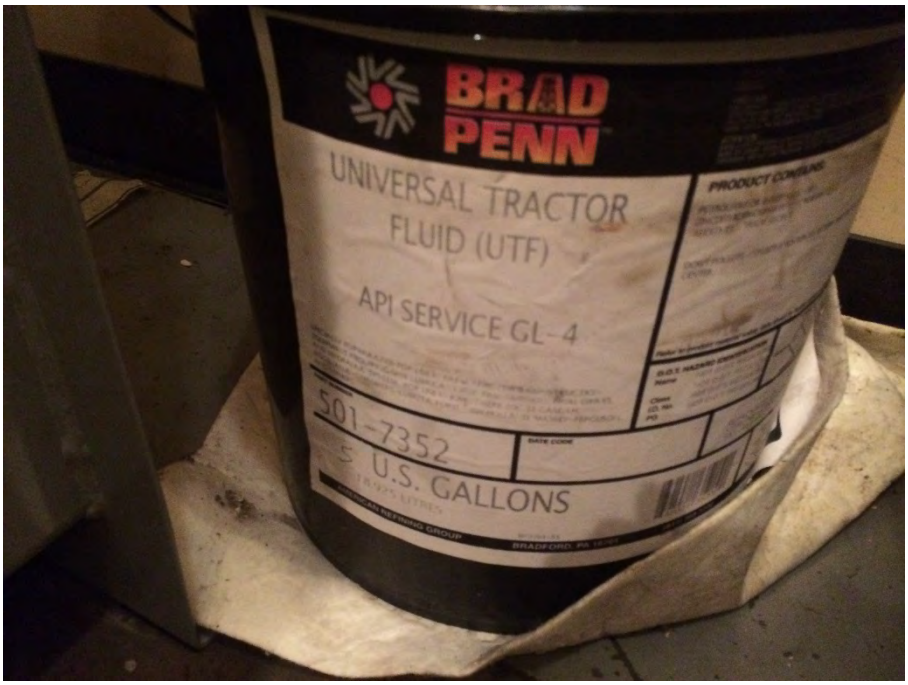
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1208

Direction:
NA

Description:
Mechanic Room - chemicals



Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1210

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1211

Direction: NA

Description: Mechanic Room - chemicals

Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1212

Direction: NA

Description: Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1213

Direction:
NA

Description:
Mechanic Room - chemicals

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1214

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1234

Direction:
NA

Description:
Mechanic Room - chemicals

Photographer:
Nate Vogan

Date:
3/29/2016

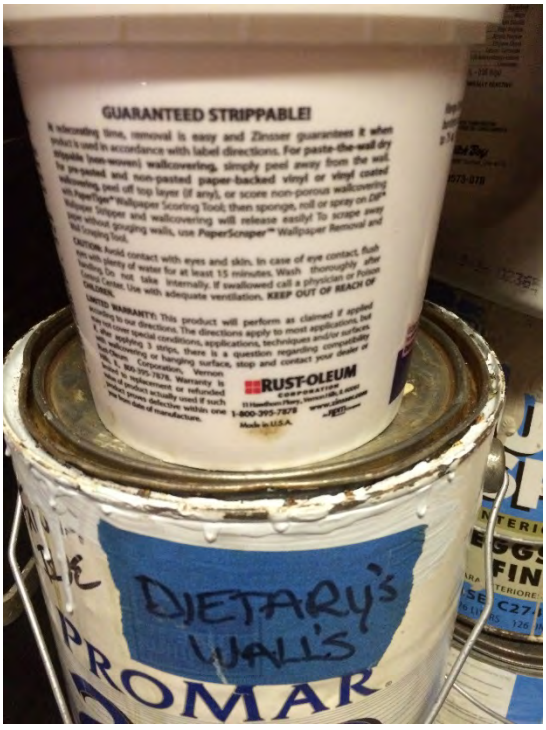
Photograph: 1217

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1218 ***Direction:*** NA ***Description:*** Mechanic Room - chemicals	
Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1219 ***Direction:*** NA ***Description:*** Mechanic Room - chemicals	

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1220

Direction: NA

Description: Mechanic Room - chemicals

Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1221

Direction: NA

Description: Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1222

Direction:
NA

Description:
Mechanic Room - chemicals

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1223

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1224

Direction:
NA

Description:
Mechanic Room - chemicals

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1225

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client: NYSDEC	***Project Number:*** 3617147328
Site Name: Scobell Chemical – NYSDOT Site	***Site Location:*** Brighton, New York

Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1226 ***Direction:*** NA ***Description:*** Mechanic Room - chemicals	
Photographer: Nate Vogan ***Date:*** 3/29/2016 ***Photograph:*** 1227 ***Direction:*** NA ***Description:*** Mechanic Room - chemicals	

989 Blossom – Brighton Manor

Client: NYSDEC ***Project Number:*** 3617147328

Site Name: Scobell Chemical – NYSDOT Site ***Site Location:*** Brighton, New York

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1228

Direction:
NA

Description:
Mechanic Room - chemicals

Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1229

Direction:
NA

Description:
Mechanic Room - chemicals

989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1230

Direction: NA

Description: Mechanic Room - chemicals

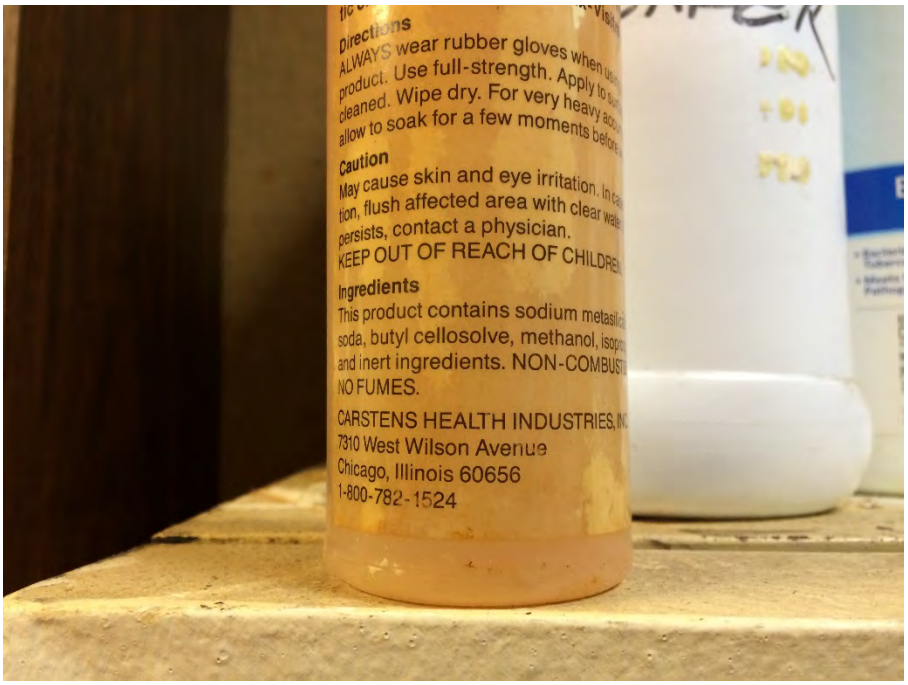
Photographer: Nate Vogan

Date: 3/29/2016

Photograph: 1231

Direction: NA

Description: Mechanic Room - chemicals



989 Blossom – Brighton Manor

Client:	NYSDEC	***Project Number:***	3617147328
Site Name:	Scobell Chemical – NYSDOT Site	***Site Location:***	Brighton, New York

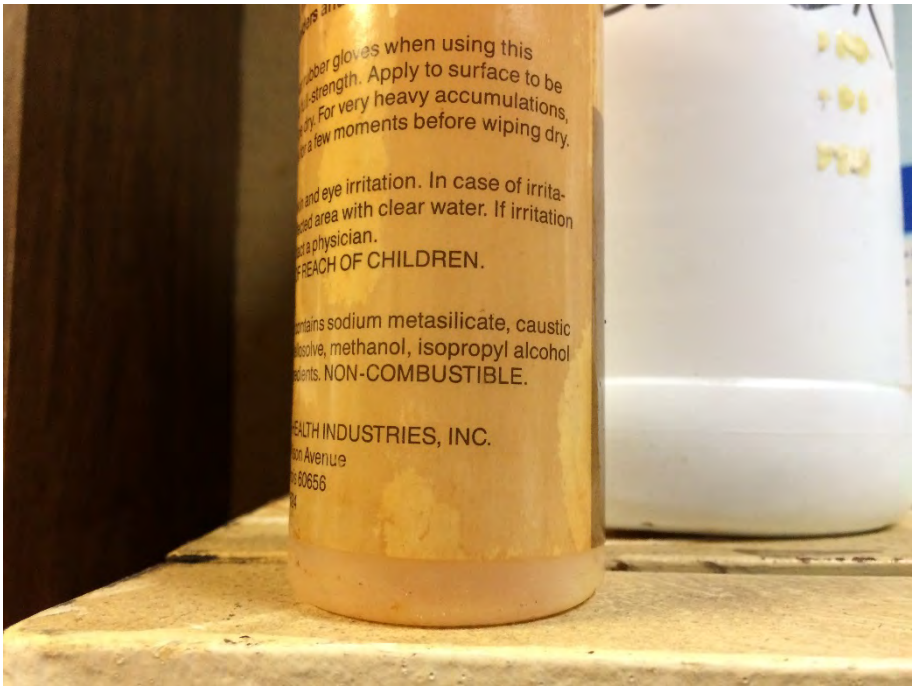
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1232

Direction:
NA

Description:
Mechanic Room - chemicals



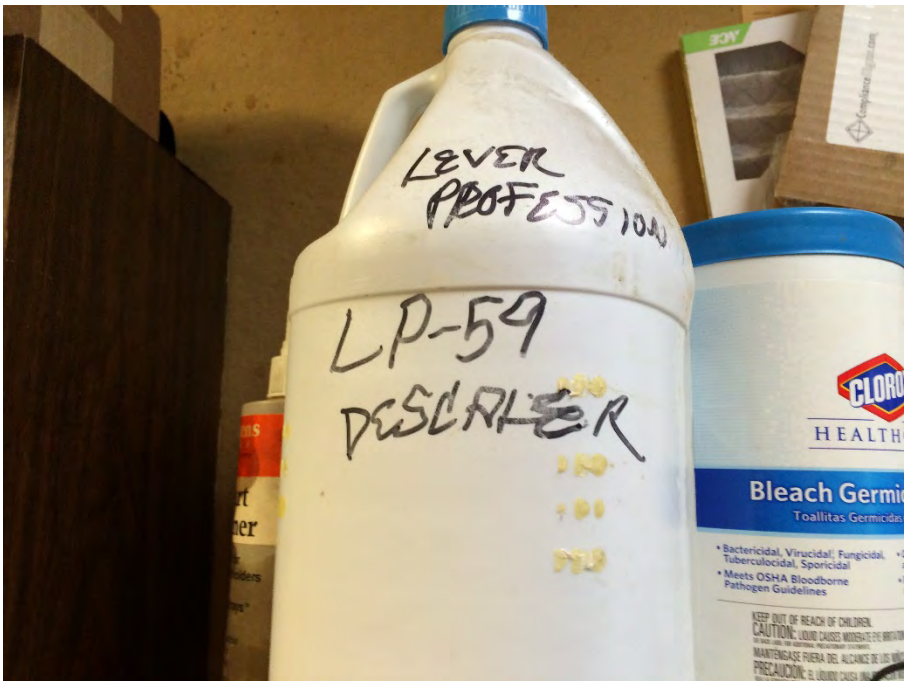
Photographer:
Nate Vogan

Date:
3/29/2016

Photograph: 1233

Direction:
NA

Description:
Mechanic Room - chemicals



ATTACHMENT 2

LABORATORY ANALYTICAL RESULT FORMS

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-005-01
Lab Order:	C1603083	**Tag Number:**	550,382
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-001A	**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	J	ug/m3	1	4/6/2016 4:55:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0	J	ug/m3	1	4/6/2016 4:55:00 AM
1,1,2-Trichloroethane	< 0.82	0.82	J	ug/m3	1	4/6/2016 4:55:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 4:55:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 4:55:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1	J	ug/m3	1	4/6/2016 4:55:00 AM
1,2,4-Trimethylbenzene	93	69		ug/m3	90	4/7/2016 1:01:00 AM
1,2-Dibromoethane	< 1.2	1.2	J	ug/m3	1	4/6/2016 4:55:00 AM
1,2-Dichlorobenzene	< 0.90	0.90	J	ug/m3	1	4/6/2016 4:55:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 4:55:00 AM
1,2-Dichloropropane	< 0.69	0.69	J	ug/m3	1	4/6/2016 4:55:00 AM
1,3,5-Trimethylbenzene	53	6.9		ug/m3	9	4/7/2016 12:24:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 4:55:00 AM
1,3-Dichlorobenzene	< 0.90	0.90	J	ug/m3	1	4/6/2016 4:55:00 AM
1,4-Dichlorobenzene	< 0.90	0.90	J	ug/m3	1	4/6/2016 4:55:00 AM
1,4-Dioxane	< 1.1	1.1	J	ug/m3	1	4/6/2016 4:55:00 AM
2,2,4-trimethylpentane	< 0.70	0.70	J	ug/m3	1	4/6/2016 4:55:00 AM
4-ethyltoluene	15	6.9		ug/m3	9	4/7/2016 12:24:00 AM
Acetone	410	64		ug/m3	90	4/7/2016 1:01:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 4:55:00 AM
Benzene	100	45		ug/m3	90	4/7/2016 1:01:00 AM
Benzyl chloride	< 0.86	0.86	J	ug/m3	1	4/6/2016 4:55:00 AM
Bromodichloromethane	< 1.0	1.0	J	ug/m3	1	4/6/2016 4:55:00 AM
Bromoform	< 1.6	1.6	J	ug/m3	1	4/6/2016 4:55:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 4:55:00 AM
Carbon disulfide	56	4.4		ug/m3	9	4/7/2016 12:24:00 AM
Carbon tetrachloride	< 0.94	0.94	J	ug/m3	1	4/6/2016 4:55:00 AM
Chlorobenzene	< 0.69	0.69	J	ug/m3	1	4/6/2016 4:55:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 4:55:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	4/6/2016 4:55:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	4/6/2016 4:55:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 4:55:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68	J	ug/m3	1	4/6/2016 4:55:00 AM
Cyclohexane	230	48		ug/m3	90	4/7/2016 1:01:00 AM
Dibromochloromethane	< 1.3	1.3	J	ug/m3	1	4/6/2016 4:55:00 AM
Ethyl acetate	2.1	0.90	J	ug/m3	1	4/6/2016 4:55:00 AM
Ethylbenzene	37	6.1		ug/m3	9	4/7/2016 12:24:00 AM
Freon 11	1.7	0.84		ug/m3	1	4/6/2016 4:55:00 AM
Freon 113	1.5	1.1		ug/m3	1	4/6/2016 4:55:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 4:55:00 AM

Qualifiers:

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

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-005-01
Lab Order:	C1603083	**Tag Number:**	550,382
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	< 0.74 J	0.74		ug/m3	1	4/6/2016 4:55:00 AM
Heptane	340	57		ug/m3	90	4/7/2016 1:01:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/6/2016 4:55:00 AM
Hexane	200	49		ug/m3	90	4/7/2016 1:01:00 AM
Isopropyl alcohol	50 J	3.4		ug/m3	9	4/7/2016 12:24:00 AM
m&p-Xylene	250	120		ug/m3	90	4/7/2016 1:01:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 4:55:00 AM
Methyl Ethyl Ketone	< 0.88 J	0.88		ug/m3	1	4/6/2016 4:55:00 AM
Methyl Isobutyl Ketone	39 J	11		ug/m3	9	4/7/2016 12:24:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 4:55:00 AM
Methylene chloride	2.6	0.52		ug/m3	1	4/6/2016 4:55:00 AM
o-Xylene	77 J	6.1		ug/m3	9	4/7/2016 12:24:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 4:55:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	4/6/2016 4:55:00 AM
Tetrachloroethylene	76	9.5		ug/m3	9	4/7/2016 12:24:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 4:55:00 AM
Toluene	240	53		ug/m3	90	4/7/2016 1:01:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 4:55:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	4/6/2016 4:55:00 AM
Trichloroethene	150	75		ug/m3	90	4/7/2016 1:01:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 4:55:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 4:55:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	4/6/2016 4:55:00 AM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-005-01D
Lab Order:	C1603083	**Tag Number:**	553,382
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-002A	**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 J	0.82		ug/m3	1	4/6/2016 5:34:00 AM
1,1,2,2-Tetrachloroethane	< 1.0 J	1.0		ug/m3	1	4/6/2016 5:34:00 AM
1,1,2-Trichloroethane	< 0.82 J	0.82		ug/m3	1	4/6/2016 5:34:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 5:34:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 5:34:00 AM
1,2,4-Trichlorobenzene	< 1.1 J	1.1		ug/m3	1	4/6/2016 5:34:00 AM
1,2,4-Trimethylbenzene	100	6.9		ug/m3	9	4/7/2016 1:39:00 AM
1,2-Dibromoethane	< 1.2 J	1.2		ug/m3	1	4/6/2016 5:34:00 AM
1,2-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/6/2016 5:34:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 5:34:00 AM
1,2-Dichloropropane	< 0.69 J	0.69		ug/m3	1	4/6/2016 5:34:00 AM
1,3,5-Trimethylbenzene	56	6.9		ug/m3	9	4/7/2016 1:39:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 5:34:00 AM
1,3-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/6/2016 5:34:00 AM
1,4-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/6/2016 5:34:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 5:34:00 AM
2,2,4-trimethylpentane	< 0.70 J	0.70		ug/m3	1	4/6/2016 5:34:00 AM
4-ethyltoluene	14	6.9		ug/m3	9	4/7/2016 1:39:00 AM
Acetone	480	64		ug/m3	90	4/7/2016 2:16:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 5:34:00 AM
Benzene	110	45		ug/m3	90	4/7/2016 2:16:00 AM
Benzyl chloride	< 0.86 J	0.86		ug/m3	1	4/6/2016 5:34:00 AM
Bromodichloromethane	< 1.0 J	1.0		ug/m3	1	4/6/2016 5:34:00 AM
Bromoform	< 1.6 J	1.6		ug/m3	1	4/6/2016 5:34:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 5:34:00 AM
Carbon disulfide	59	4.4		ug/m3	9	4/7/2016 1:39:00 AM
Carbon tetrachloride	< 0.94 J	0.94		ug/m3	1	4/6/2016 5:34:00 AM
Chlorobenzene	< 0.69 J	0.69		ug/m3	1	4/6/2016 5:34:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 5:34:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	4/6/2016 5:34:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	4/6/2016 5:34:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 5:34:00 AM
cis-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	4/6/2016 5:34:00 AM
Cyclohexane	340	48		ug/m3	90	4/7/2016 2:16:00 AM
Dibromochloromethane	< 1.3 J	1.3		ug/m3	1	4/6/2016 5:34:00 AM
Ethyl acetate	< 0.90 J	0.90		ug/m3	1	4/6/2016 5:34:00 AM
Ethylbenzene	38	6.1		ug/m3	9	4/7/2016 1:39:00 AM
Freon 11	1.5	0.84		ug/m3	1	4/6/2016 5:34:00 AM
Freon 113	1.4	1.1		ug/m3	1	4/6/2016 5:34:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 5:34:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-005-01D
Lab Order:	C1603083	**Tag Number:**	553,382
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	3.2 J	0.74		ug/m3	1	4/6/2016 5:34:00 AM
Heptane	360	57		ug/m3	90	4/7/2016 2:16:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/6/2016 5:34:00 AM
Hexane	230	49		ug/m3	90	4/7/2016 2:16:00 AM
Isopropyl alcohol	< 0.37 J	0.37		ug/m3	1	4/6/2016 5:34:00 AM
m&p-Xylene	290	120		ug/m3	90	4/7/2016 2:16:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 5:34:00 AM
Methyl Ethyl Ketone	180 J	80		ug/m3	90	4/7/2016 2:16:00 AM
Methyl Isobutyl Ketone	39 J	11		ug/m3	9	4/7/2016 1:39:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 5:34:00 AM
Methylene chloride	2.5	0.52		ug/m3	1	4/6/2016 5:34:00 AM
o-Xylene	78 J	6.1		ug/m3	9	4/7/2016 1:39:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 5:34:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	4/6/2016 5:34:00 AM
Tetrachloroethylene	85	9.5		ug/m3	9	4/7/2016 1:39:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 5:34:00 AM
Toluene	270	53		ug/m3	90	4/7/2016 2:16:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 5:34:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	4/6/2016 5:34:00 AM
Trichloroethene	150	75		ug/m3	90	4/7/2016 2:16:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 5:34:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 5:34:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	4/6/2016 5:34:00 AM

Qualifiers:

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

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-005-01
Lab Order:	C1603083	**Tag Number:**	243,437
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 1:57:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/5/2016 1:57:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 1:57:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 1:57:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 1:57:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/5/2016 1:57:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	4/5/2016 1:57:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/5/2016 1:57:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 1:57:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 1:57:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 1:57:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 1:57:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 1:57:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 1:57:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 1:57:00 PM
1,4-Dioxane	< 1.1J	1.1		ug/m3	1	4/5/2016 1:57:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 1:57:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/5/2016 1:57:00 PM
Acetone	23	7.1		ug/m3	10	4/6/2016 12:04:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 1:57:00 PM
Benzene	1.4	0.48		ug/m3	1	4/5/2016 1:57:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/5/2016 1:57:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 1:57:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/5/2016 1:57:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 1:57:00 PM
Carbon disulfide	1.0	0.47		ug/m3	1	4/5/2016 1:57:00 PM
Carbon tetrachloride	0.94	0.25		ug/m3	1	4/5/2016 1:57:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/5/2016 1:57:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 1:57:00 PM
Chloroform	7.2	0.73		ug/m3	1	4/5/2016 1:57:00 PM
Chloromethane	2.0	0.31		ug/m3	1	4/5/2016 1:57:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 1:57:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 1:57:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 1:57:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/5/2016 1:57:00 PM
Ethyl acetate	0.58	0.90	J	ug/m3	1	4/5/2016 1:57:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/5/2016 1:57:00 PM
Freon 11	2.5	0.84		ug/m3	1	4/5/2016 1:57:00 PM
Freon 113	1.1	1.1	J	ug/m3	1	4/5/2016 1:57:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 1:57:00 PM

Qualifiers:

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

WAS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-005-01
Lab Order:	C1603083	**Tag Number:**	243,437
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	5.1	0.74		ug/m3	1	4/5/2016 1:57:00 PM
Heptane	< 0.61	0.61		ug/m3	1	4/5/2016 1:57:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/5/2016 1:57:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 1:57:00 PM
Isopropyl alcohol	48	3.7		ug/m3	10	4/6/2016 12:04:00 PM
m&p-Xylene	0.87	1.3	J	ug/m3	1	4/5/2016 1:57:00 PM
Methyl Butyl Ketone	< 1.2J	1.2		ug/m3	1	4/5/2016 1:57:00 PM
Methyl Ethyl Ketone	4.7	0.88		ug/m3	1	4/5/2016 1:57:00 PM
Methyl Isobutyl Ketone	< 1.2J	1.2		ug/m3	1	4/5/2016 1:57:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 1:57:00 PM
Methylene chloride	2.8	0.52		ug/m3	1	4/5/2016 1:57:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	4/5/2016 1:57:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 1:57:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/5/2016 1:57:00 PM
Tetrachloroethylene	3.4	1.0		ug/m3	1	4/5/2016 1:57:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 1:57:00 PM
Toluene	1.1	0.57		ug/m3	1	4/5/2016 1:57:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 1:57:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 1:57:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/5/2016 1:57:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 1:57:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 1:57:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 1:57:00 PM

Qualifiers:

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

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-005-02
Lab Order:	C1603083	**Tag Number:**	1174,346
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-004A	**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 J	0.82		ug/m3	1	4/6/2016 6:13:00 AM
1,1,2,2-Tetrachloroethane	< 1.0 J	1.0		ug/m3	1	4/6/2016 6:13:00 AM
1,1,2-Trichloroethane	< 0.82 J	0.82		ug/m3	1	4/6/2016 6:13:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 6:13:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 6:13:00 AM
1,2,4-Trichlorobenzene	< 1.1 J	1.1		ug/m3	1	4/6/2016 6:13:00 AM
1,2,4-Trimethylbenzene	23	7.4		ug/m3	10	4/7/2016 2:53:00 AM
1,2-Dibromoethane	< 1.2 J	1.2		ug/m3	1	4/6/2016 6:13:00 AM
1,2-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/6/2016 6:13:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 6:13:00 AM
1,2-Dichloropropane	< 0.69 J	0.69		ug/m3	1	4/6/2016 6:13:00 AM
1,3,5-Trimethylbenzene	10	7.4		ug/m3	10	4/7/2016 2:53:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 6:13:00 AM
1,3-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/6/2016 6:13:00 AM
1,4-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/6/2016 6:13:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 6:13:00 AM
2,2,4-trimethylpentane	< 0.70 J	0.70		ug/m3	1	4/6/2016 6:13:00 AM
4-ethyltoluene	3.1 J	0.74		ug/m3	1	4/6/2016 6:13:00 AM
Acetone	80	28		ug/m3	40	4/7/2016 3:29:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 6:13:00 AM
Benzene	8.6	4.8		ug/m3	10	4/7/2016 2:53:00 AM
Benzyl chloride	< 0.86 J	0.86		ug/m3	1	4/6/2016 6:13:00 AM
Bromodichloromethane	< 1.0 J	1.0		ug/m3	1	4/6/2016 6:13:00 AM
Bromoform	< 1.6 J	1.6		ug/m3	1	4/6/2016 6:13:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 6:13:00 AM
Carbon disulfide	8.4	4.7		ug/m3	10	4/7/2016 2:53:00 AM
Carbon tetrachloride	< 0.94 J	0.94		ug/m3	1	4/6/2016 6:13:00 AM
Chlorobenzene	< 0.69 J	0.69		ug/m3	1	4/6/2016 6:13:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 6:13:00 AM
Chloroform	1.5	0.73		ug/m3	1	4/6/2016 6:13:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	4/6/2016 6:13:00 AM
cis-1,2-Dichloroethene	0.63	0.59		ug/m3	1	4/6/2016 6:13:00 AM
cis-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	4/6/2016 6:13:00 AM
Cyclohexane	23	5.2		ug/m3	10	4/7/2016 2:53:00 AM
Dibromochloromethane	< 1.3 J	1.3		ug/m3	1	4/6/2016 6:13:00 AM
Ethyl acetate	1.5	0.90		ug/m3	1	4/6/2016 6:13:00 AM
Ethylbenzene	3.6 J	0.65		ug/m3	1	4/6/2016 6:13:00 AM
Freon 11	1.6	0.84		ug/m3	1	4/6/2016 6:13:00 AM
Freon 113	0.77	1.1	J	ug/m3	1	4/6/2016 6:13:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 6:13:00 AM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-005-02
Lab Order:	C1603083	**Tag Number:**	1174,346
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	13	7.4		ug/m3	10	4/7/2016 2:53:00 AM
Heptane	28	6.1		ug/m3	10	4/7/2016 2:53:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/6/2016 6:13:00 AM
Hexane	18	5.3		ug/m3	10	4/7/2016 2:53:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	4/6/2016 6:13:00 AM
m&p-Xylene	28	13		ug/m3	10	4/7/2016 2:53:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 6:13:00 AM
Methyl Ethyl Ketone	11	8.8		ug/m3	10	4/7/2016 2:53:00 AM
Methyl Isobutyl Ketone	1.8 J	1.2		ug/m3	1	4/6/2016 6:13:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 6:13:00 AM
Methylene chloride	2.1	0.52		ug/m3	1	4/6/2016 6:13:00 AM
o-Xylene	8.5 J	0.65		ug/m3	1	4/6/2016 6:13:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 6:13:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	4/6/2016 6:13:00 AM
Tetrachloroethylene	30	10		ug/m3	10	4/7/2016 2:53:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 6:13:00 AM
Toluene	18	5.7		ug/m3	10	4/7/2016 2:53:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 6:13:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	4/6/2016 6:13:00 AM
Trichloroethene	140	32		ug/m3	40	4/7/2016 3:29:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 6:13:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 6:13:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	4/6/2016 6:13:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

WS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-005-02
Lab Order:	C1603083	**Tag Number:**	562,434
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 2:36:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/5/2016 2:36:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 2:36:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 2:36:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 2:36:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/5/2016 2:36:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 2:36:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/5/2016 2:36:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 2:36:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 2:36:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 2:36:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 2:36:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 2:36:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 2:36:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 2:36:00 PM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/5/2016 2:36:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 2:36:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/5/2016 2:36:00 PM
Acetone	16	3.6		ug/m3	5	4/6/2016 12:41:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 2:36:00 PM
Benzene	0.73	0.48		ug/m3	1	4/5/2016 2:36:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/5/2016 2:36:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 2:36:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/5/2016 2:36:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 2:36:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/5/2016 2:36:00 PM
Carbon tetrachloride	0.94	0.25		ug/m3	1	4/5/2016 2:36:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/5/2016 2:36:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 2:36:00 PM
Chloroform	0.68	0.73	J	ug/m3	1	4/5/2016 2:36:00 PM
Chloromethane	1.8	0.31		ug/m3	1	4/5/2016 2:36:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 2:36:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 2:36:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 2:36:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/5/2016 2:36:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/5/2016 2:36:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/5/2016 2:36:00 PM
Freon 11	2.4	0.84		ug/m3	1	4/5/2016 2:36:00 PM
Freon 113	1.1	1.1	J	ug/m3	1	4/5/2016 2:36:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 2:36:00 PM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-005-02
Lab Order:	C1603083	**Tag Number:**	562,434
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/5/2016 2:36:00 PM
Heptane	< 0.61	0.61		ug/m3	1	4/5/2016 2:36:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/5/2016 2:36:00 PM
Hexane	0.63	0.53		ug/m3	1	4/5/2016 2:36:00 PM
Isopropyl alcohol	5.0	0.37		ug/m3	1	4/5/2016 2:36:00 PM
m&p-Xylene	0.48	1.3	J	ug/m3	1	4/5/2016 2:36:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 2:36:00 PM
Methyl Ethyl Ketone	1.1	0.88		ug/m3	1	4/5/2016 2:36:00 PM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 2:36:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 2:36:00 PM
Methylene chloride	3.0	0.52		ug/m3	1	4/5/2016 2:36:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	4/5/2016 2:36:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 2:36:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/5/2016 2:36:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/5/2016 2:36:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 2:36:00 PM
Toluene	0.57	0.57		ug/m3	1	4/5/2016 2:36:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 2:36:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 2:36:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/5/2016 2:36:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 2:36:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 2:36:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 2:36:00 PM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-AA-005-02
Lab Order:	C1603083	**Tag Number:**	1185,340
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 8:27:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/5/2016 8:27:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 8:27:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 8:27:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 8:27:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/5/2016 8:27:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 8:27:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/5/2016 8:27:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 8:27:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 8:27:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 8:27:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 8:27:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 8:27:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 8:27:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 8:27:00 PM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/5/2016 8:27:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 8:27:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/5/2016 8:27:00 PM
Acetone	17	3.6		ug/m3	5	4/6/2016 1:18:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 8:27:00 PM
Benzene	0.54	0.48		ug/m3	1	4/5/2016 8:27:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/5/2016 8:27:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 8:27:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/5/2016 8:27:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 8:27:00 PM
Carbon disulfide	0.37	0.47	J	ug/m3	1	4/5/2016 8:27:00 PM
Carbon tetrachloride	1.0	0.25		ug/m3	1	4/5/2016 8:27:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/5/2016 8:27:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 8:27:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	4/5/2016 8:27:00 PM
Chloromethane	1.8	0.31		ug/m3	1	4/5/2016 8:27:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 8:27:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 8:27:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 8:27:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/5/2016 8:27:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/5/2016 8:27:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/5/2016 8:27:00 PM
Freon 11	2.3	0.84		ug/m3	1	4/5/2016 8:27:00 PM
Freon 113	1.0	1.1	J	ug/m3	1	4/5/2016 8:27:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 8:27:00 PM

Qualifiers:

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

WAS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-AA-005-02
Lab Order:	C1603083	**Tag Number:**	1185,340
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/5/2016 8:27:00 PM
Heptane	< 0.61	0.61		ug/m3	1	4/5/2016 8:27:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/5/2016 8:27:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 8:27:00 PM
Isopropyl alcohol	2.4	0.37		ug/m3	1	4/5/2016 8:27:00 PM
m&p-Xylene	0.74	1.3	J	ug/m3	1	4/5/2016 8:27:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 8:27:00 PM
Methyl Ethyl Ketone	0.94	0.88		ug/m3	1	4/5/2016 8:27:00 PM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 8:27:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 8:27:00 PM
Methylene chloride	6.4	0.52		ug/m3	1	4/5/2016 8:27:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	4/5/2016 8:27:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 8:27:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/5/2016 8:27:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/5/2016 8:27:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 8:27:00 PM
Toluene	0.60	0.57		ug/m3	1	4/5/2016 8:27:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 8:27:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 8:27:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/5/2016 8:27:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 8:27:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 8:27:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 8:27:00 PM

Qualifiers:

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

WDS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-DOGGY DA C
Lab Order:	C1603083	**Tag Number:**	569,276
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 9:06:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/5/2016 9:06:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 9:06:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 9:06:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 9:06:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/5/2016 9:06:00 PM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	4/5/2016 9:06:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/5/2016 9:06:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 9:06:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 9:06:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 9:06:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 9:06:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 9:06:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 9:06:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 9:06:00 PM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/5/2016 9:06:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 9:06:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/5/2016 9:06:00 PM
Acetone	38	7.1		ug/m3	10	4/6/2016 1:55:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 9:06:00 PM
Benzene	0.51	0.48		ug/m3	1	4/5/2016 9:06:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/5/2016 9:06:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 9:06:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/5/2016 9:06:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 9:06:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/5/2016 9:06:00 PM
Carbon tetrachloride	0.82	0.25		ug/m3	1	4/5/2016 9:06:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/5/2016 9:06:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 9:06:00 PM
Chloroform	0.68	0.73	J	ug/m3	1	4/5/2016 9:06:00 PM
Chloromethane	1.7	0.31		ug/m3	1	4/5/2016 9:06:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 9:06:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 9:06:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 9:06:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/5/2016 9:06:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/5/2016 9:06:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/5/2016 9:06:00 PM
Freon 11	2.2	0.84		ug/m3	1	4/5/2016 9:06:00 PM
Freon 113	1.0	1.1	J	ug/m3	1	4/5/2016 9:06:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 9:06:00 PM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-DOGGY DA C
Lab Order:	C1603083	**Tag Number:**	569,276
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.9	0.74		ug/m3	1	4/5/2016 9:06:00 PM
Heptane	< 0.61	0.61		ug/m3	1	4/5/2016 9:06:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/5/2016 9:06:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 9:06:00 PM
Isopropyl alcohol	91	15		ug/m3	40	4/6/2016 2:31:00 PM
m&p-Xylene	0.48	1.3	J	ug/m3	1	4/5/2016 9:06:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 9:06:00 PM
Methyl Ethyl Ketone	4.8	0.88		ug/m3	1	4/5/2016 9:06:00 PM
Methyl Isobutyl Ketone	0.45 J	1.2	J	ug/m3	1	4/5/2016 9:06:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 9:06:00 PM
Methylene chloride	2.0	0.52		ug/m3	1	4/5/2016 9:06:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	4/5/2016 9:06:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 9:06:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/5/2016 9:06:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/5/2016 9:06:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 9:06:00 PM
Toluene	2.1	0.57		ug/m3	1	4/5/2016 9:06:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 9:06:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 9:06:00 PM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/5/2016 9:06:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 9:06:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 9:06:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 9:06:00 PM

Qualifiers:

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

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-TRYON
Lab Order:	C1603083	**Tag Number:**	274,1172
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	2.9	0.82		ug/m3	1	4/5/2016 9:45:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/5/2016 9:45:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 9:45:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 9:45:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 9:45:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/5/2016 9:45:00 PM
1,2,4-Trimethylbenzene	760	69		ug/m3	90	4/6/2016 3:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/5/2016 9:45:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 9:45:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 9:45:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 9:45:00 PM
1,3,5-Trimethylbenzene	230	69		ug/m3	90	4/6/2016 3:47:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 9:45:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 9:45:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 9:45:00 PM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/5/2016 9:45:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 9:45:00 PM
4-ethyltoluene	240	69		ug/m3	90	4/6/2016 3:47:00 PM
Acetone	340	64		ug/m3	90	4/6/2016 3:47:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 9:45:00 PM
Benzene	< 0.48	0.48		ug/m3	1	4/5/2016 9:45:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/5/2016 9:45:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 9:45:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/5/2016 9:45:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 9:45:00 PM
Carbon disulfide	0.53	0.47		ug/m3	1	4/5/2016 9:45:00 PM
Carbon tetrachloride	0.94	0.25		ug/m3	1	4/5/2016 9:45:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/5/2016 9:45:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 9:45:00 PM
Chloroform	0.63	0.73	J	ug/m3	1	4/5/2016 9:45:00 PM
Chloromethane	1.7	0.31		ug/m3	1	4/5/2016 9:45:00 PM
cis-1,2-Dichloroethene	0.40	0.59	J	ug/m3	1	4/5/2016 9:45:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 9:45:00 PM
Cyclohexane	4.8	0.52		ug/m3	1	4/5/2016 9:45:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/5/2016 9:45:00 PM
Ethyl acetate	3.7	0.90		ug/m3	1	4/5/2016 9:45:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/5/2016 9:45:00 PM
Freon 11	2.2	0.84		ug/m3	1	4/5/2016 9:45:00 PM
Freon 113	0.92	1.1	J	ug/m3	1	4/5/2016 9:45:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 9:45:00 PM

Qualifiers:

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

WOS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-TRYON
Lab Order:	C1603083	**Tag Number:**	274,1172
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-008A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.7	0.74		ug/m3	1	4/5/2016 9:45:00 PM
Heptane	14	5.7		ug/m3	9	4/6/2016 3:10:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/5/2016 9:45:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 9:45:00 PM
Isopropyl alcohol	150	34		ug/m3	90	4/6/2016 3:47:00 PM
m&p-Xylene	10	1.3		ug/m3	1	4/5/2016 9:45:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 9:45:00 PM
Methyl Ethyl Ketone	3.6	0.88		ug/m3	1	4/5/2016 9:45:00 PM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 9:45:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 9:45:00 PM
Methylene chloride	3.3	0.52		ug/m3	1	4/5/2016 9:45:00 PM
o-Xylene	35 J	6.1		ug/m3	9	4/6/2016 3:10:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 9:45:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/5/2016 9:45:00 PM
Tetrachloroethylene	8.6	1.0		ug/m3	1	4/5/2016 9:45:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 9:45:00 PM
Toluene	150	53		ug/m3	90	4/6/2016 3:47:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 9:45:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 9:45:00 PM
Trichloroethene	120	19		ug/m3	90	4/6/2016 3:47:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 9:45:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 9:45:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 9:45:00 PM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-BOXMAN
Lab Order:	C1603083	**Tag Number:**	189,406
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 10:24:00 PM
1,1,2,2-Tetrachloroethane	< 1.0 J	1.0		ug/m3	1	4/5/2016 10:24:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 10:24:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 10:24:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 10:24:00 PM
1,2,4-Trichlorobenzene	< 1.1 J	1.1		ug/m3	1	4/5/2016 10:24:00 PM
1,2,4-Trimethylbenzene	1.4 J	0.74		ug/m3	1	4/5/2016 10:24:00 PM
1,2-Dibromoethane	< 1.2 J	1.2		ug/m3	1	4/5/2016 10:24:00 PM
1,2-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/5/2016 10:24:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 10:24:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 10:24:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 10:24:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 10:24:00 PM
1,3-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/5/2016 10:24:00 PM
1,4-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/5/2016 10:24:00 PM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/5/2016 10:24:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 10:24:00 PM
4-ethyltoluene	0.49 J	0.74	J	ug/m3	1	4/5/2016 10:24:00 PM
Acetone	21	7.1		ug/m3	10	4/6/2016 4:23:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 10:24:00 PM
Benzene	0.77	0.48		ug/m3	1	4/5/2016 10:24:00 PM
Benzyl chloride	< 0.86 J	0.86		ug/m3	1	4/5/2016 10:24:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 10:24:00 PM
Bromoform	< 1.6 J	1.6		ug/m3	1	4/5/2016 10:24:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 10:24:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/5/2016 10:24:00 PM
Carbon tetrachloride	0.82	0.25		ug/m3	1	4/5/2016 10:24:00 PM
Chlorobenzene	< 0.69 J	0.69		ug/m3	1	4/5/2016 10:24:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 10:24:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	4/5/2016 10:24:00 PM
Chloromethane	2.3	0.31		ug/m3	1	4/5/2016 10:24:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 10:24:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 10:24:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 10:24:00 PM
Dibromochloromethane	< 1.3 J	1.3		ug/m3	1	4/5/2016 10:24:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/5/2016 10:24:00 PM
Ethylbenzene	< 0.65 J	0.65		ug/m3	1	4/5/2016 10:24:00 PM
Freon 11	2.2	0.84		ug/m3	1	4/5/2016 10:24:00 PM
Freon 113	0.92	1.1	J	ug/m3	1	4/5/2016 10:24:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 10:24:00 PM

Qualifiers:

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

WOS
4-25-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-BOXMAN
Lab Order:	C1603083	**Tag Number:**	189,406
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-009A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.1	0.74		ug/m3	1	4/5/2016 10:24:00 PM
Heptane	1.6	0.61		ug/m3	1	4/5/2016 10:24:00 PM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/5/2016 10:24:00 PM
Hexane	1.1	0.53		ug/m3	1	4/5/2016 10:24:00 PM
Isopropyl alcohol	15	3.7		ug/m3	10	4/6/2016 4:23:00 PM
m&p-Xylene	2.4 J	1.3		ug/m3	1	4/5/2016 10:24:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 10:24:00 PM
Methyl Ethyl Ketone	2.2	0.88		ug/m3	1	4/5/2016 10:24:00 PM
Methyl Isobutyl Ketone	0.66	1.2	J	ug/m3	1	4/5/2016 10:24:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 10:24:00 PM
Methylene chloride	5.3	0.52		ug/m3	1	4/5/2016 10:24:00 PM
o-Xylene	0.52 J	0.65	J	ug/m3	1	4/5/2016 10:24:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 10:24:00 PM
Styrene	< 0.64 J	0.64		ug/m3	1	4/5/2016 10:24:00 PM
Tetrachloroethylene	< 1.0 J	1.0		ug/m3	1	4/5/2016 10:24:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 10:24:00 PM
Toluene	2.2 J	0.57		ug/m3	1	4/5/2016 10:24:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 10:24:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 10:24:00 PM
Trichloroethene	0.59	0.21		ug/m3	1	4/5/2016 10:24:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 10:24:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 10:24:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 10:24:00 PM

Qualifiers:

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

WCS
4-25-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-NSC
Lab Order:	C1603083	**Tag Number:**	101,1167
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 11:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/5/2016 11:03:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 11:03:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 11:03:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:03:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/5/2016 11:03:00 PM
1,2,4-Trimethylbenzene	1.0	0.74		ug/m3	1	4/5/2016 11:03:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/5/2016 11:03:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 11:03:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 11:03:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 11:03:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 11:03:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 11:03:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 11:03:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/5/2016 11:03:00 PM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/5/2016 11:03:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 11:03:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/5/2016 11:03:00 PM
Acetone	23	7.1		ug/m3	10	4/6/2016 5:00:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 11:03:00 PM
Benzene	0.64	0.48		ug/m3	1	4/5/2016 11:03:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/5/2016 11:03:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 11:03:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	4/5/2016 11:03:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 11:03:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/5/2016 11:03:00 PM
Carbon tetrachloride	0.88	0.25		ug/m3	1	4/5/2016 11:03:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/5/2016 11:03:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 11:03:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	4/5/2016 11:03:00 PM
Chloromethane	2.4	0.31		ug/m3	1	4/5/2016 11:03:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:03:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 11:03:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 11:03:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/5/2016 11:03:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/5/2016 11:03:00 PM
Ethylbenzene	0.56	0.65	J	ug/m3	1	4/5/2016 11:03:00 PM
Freon 11	2.2	0.84		ug/m3	1	4/5/2016 11:03:00 PM
Freon 113	0.84	1.1	J	ug/m3	1	4/5/2016 11:03:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 11:03:00 PM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-NSC
Lab Order:	C1603083	**Tag Number:**	101,1167
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-010A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/5/2016 11:03:00 PM
Heptane	2.2 J	0.61		ug/m3	1	4/5/2016 11:03:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/5/2016 11:03:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 11:03:00 PM
Isopropyl alcohol	20	3.7		ug/m3	10	4/6/2016 5:00:00 PM
m&p-Xylene	2.2	1.3		ug/m3	1	4/5/2016 11:03:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:03:00 PM
Methyl Ethyl Ketone	2.6	0.88		ug/m3	1	4/5/2016 11:03:00 PM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:03:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 11:03:00 PM
Methylene chloride	2.0	0.52		ug/m3	1	4/5/2016 11:03:00 PM
o-Xylene	0.61	0.65	J	ug/m3	1	4/5/2016 11:03:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 11:03:00 PM
Styrene	< 0.64	0.64		ug/m3	1	4/5/2016 11:03:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/5/2016 11:03:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 11:03:00 PM
Toluene	3.7	0.57		ug/m3	1	4/5/2016 11:03:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:03:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 11:03:00 PM
Trichloroethene	0.81	0.21		ug/m3	1	4/5/2016 11:03:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 11:03:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 11:03:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 11:03:00 PM

Qualifiers:

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

was 4-4-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-NSCD
Lab Order:	C1603083	**Tag Number:**	357,156
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 11:43:00 PM
1,1,2,2-Tetrachloroethane	< 1.0 J	1.0		ug/m3	1	4/5/2016 11:43:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/5/2016 11:43:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 11:43:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:43:00 PM
1,2,4-Trichlorobenzene	< 1.1 J	1.1		ug/m3	1	4/5/2016 11:43:00 PM
1,2,4-Trimethylbenzene	1.1 J	0.74		ug/m3	1	4/5/2016 11:43:00 PM
1,2-Dibromoethane	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:43:00 PM
1,2-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/5/2016 11:43:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/5/2016 11:43:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/5/2016 11:43:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/5/2016 11:43:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/5/2016 11:43:00 PM
1,3-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/5/2016 11:43:00 PM
1,4-Dichlorobenzene	< 0.90 J	0.90		ug/m3	1	4/5/2016 11:43:00 PM
1,4-Dioxane	2.8 J	1.1		ug/m3	1	4/5/2016 11:43:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/5/2016 11:43:00 PM
4-ethyltoluene	< 0.74 J	0.74		ug/m3	1	4/5/2016 11:43:00 PM
Acetone	29	7.1		ug/m3	10	4/6/2016 5:37:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/5/2016 11:43:00 PM
Benzene	0.57	0.48		ug/m3	1	4/5/2016 11:43:00 PM
Benzyl chloride	< 0.86 J	0.86		ug/m3	1	4/5/2016 11:43:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/5/2016 11:43:00 PM
Bromoform	< 1.6 J	1.6		ug/m3	1	4/5/2016 11:43:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	4/5/2016 11:43:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/5/2016 11:43:00 PM
Carbon tetrachloride	0.82	0.25		ug/m3	1	4/5/2016 11:43:00 PM
Chlorobenzene	< 0.69 J	0.69		ug/m3	1	4/5/2016 11:43:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	4/5/2016 11:43:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	4/5/2016 11:43:00 PM
Chloromethane	2.0	0.31		ug/m3	1	4/5/2016 11:43:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:43:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 11:43:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/5/2016 11:43:00 PM
Dibromochloromethane	< 1.3 J	1.3		ug/m3	1	4/5/2016 11:43:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/5/2016 11:43:00 PM
Ethylbenzene	0.52 J	0.65	J	ug/m3	1	4/5/2016 11:43:00 PM
Freon 11	2.0	0.84		ug/m3	1	4/5/2016 11:43:00 PM
Freon 113	0.84	1.1	J	ug/m3	1	4/5/2016 11:43:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	4/5/2016 11:43:00 PM

Qualifiers:

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

wrg
4-25-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-NSCD
Lab Order:	C1603083	**Tag Number:**	357,156
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.6	0.74		ug/m3	1	4/5/2016 11:43:00 PM
Heptane	< 0.61 J	0.61		ug/m3	1	4/5/2016 11:43:00 PM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/5/2016 11:43:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 11:43:00 PM
Isopropyl alcohol	31	3.7		ug/m3	10	4/6/2016 5:37:00 PM
m&p-Xylene	1.8 J	1.3		ug/m3	1	4/5/2016 11:43:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:43:00 PM
Methyl Ethyl Ketone	1.9	0.88		ug/m3	1	4/5/2016 11:43:00 PM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:43:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 11:43:00 PM
Methylene chloride	2.1	0.52		ug/m3	1	4/5/2016 11:43:00 PM
o-Xylene	0.56 J	0.65	J	ug/m3	1	4/5/2016 11:43:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 11:43:00 PM
Styrene	< 0.64 J	0.64		ug/m3	1	4/5/2016 11:43:00 PM
Tetrachloroethylene	< 1.0 J	1.0		ug/m3	1	4/5/2016 11:43:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 11:43:00 PM
Toluene	3.2 J	0.57		ug/m3	1	4/5/2016 11:43:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:43:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 11:43:00 PM
Trichloroethene	1.1	0.21		ug/m3	1	4/5/2016 11:43:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 11:43:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 11:43:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 11:43:00 PM

Qualifiers:

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

VQS
4-25-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-NSCD
Lab Order:	C1603083	**Tag Number:**	357,156
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-011A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.6	0.74		ug/m3	1	4/5/2016 11:43:00 PM
Heptane	< 0.61 J	0.61		ug/m3	1	4/5/2016 11:43:00 PM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/5/2016 11:43:00 PM
Hexane	< 0.53	0.53		ug/m3	1	4/5/2016 11:43:00 PM
Isopropyl alcohol	31	3.7		ug/m3	10	4/6/2016 5:37:00 PM
m&p-Xylene	1.8 J	1.3		ug/m3	1	4/5/2016 11:43:00 PM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:43:00 PM
Methyl Ethyl Ketone	1.9	0.88		ug/m3	1	4/5/2016 11:43:00 PM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/5/2016 11:43:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/5/2016 11:43:00 PM
Methylene chloride	2.1	0.52		ug/m3	1	4/5/2016 11:43:00 PM
o-Xylene	0.56 J	0.65	J	ug/m3	1	4/5/2016 11:43:00 PM
Propylene	< 0.26	0.26		ug/m3	1	4/5/2016 11:43:00 PM
Styrene	< 0.64 J	0.64		ug/m3	1	4/5/2016 11:43:00 PM
Tetrachloroethylene	< 1.0 J	1.0		ug/m3	1	4/5/2016 11:43:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/5/2016 11:43:00 PM
Toluene	3.2 J	0.57		ug/m3	1	4/5/2016 11:43:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/5/2016 11:43:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/5/2016 11:43:00 PM
Trichloroethene	was 4-15-16 1.1 J	0.21		ug/m3	1	4/5/2016 11:43:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/5/2016 11:43:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/5/2016 11:43:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/5/2016 11:43:00 PM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-001-01
Lab Order:	C1603083	**Tag Number:**	368,294
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	11	0.82		ug/m3	1	4/6/2016 6:52:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 6:52:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 6:52:00 AM
1,1-Dichloroethane	0.45	0.61	J	ug/m3	1	4/6/2016 6:52:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 6:52:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 6:52:00 AM
1,2,4-Trimethylbenzene	1.2	0.74		ug/m3	1	4/6/2016 6:52:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 6:52:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 6:52:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 6:52:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 6:52:00 AM
1,3,5-Trimethylbenzene	1.0	0.74		ug/m3	1	4/6/2016 6:52:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 6:52:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 6:52:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 6:52:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	4/6/2016 6:52:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 6:52:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/6/2016 6:52:00 AM
Acetone	58	7.1		ug/m3	10	4/7/2016 4:06:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 6:52:00 AM
Benzene	2.1	0.48		ug/m3	1	4/6/2016 6:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 6:52:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 6:52:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 6:52:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 6:52:00 AM
Carbon disulfide	9.3	4.7		ug/m3	10	4/7/2016 4:06:00 AM
Carbon tetrachloride	1.4	0.94		ug/m3	1	4/6/2016 6:52:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 6:52:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 6:52:00 AM
Chloroform	1.8	0.73		ug/m3	1	4/6/2016 6:52:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	4/6/2016 6:52:00 AM
cis-1,2-Dichloroethene	1.7	0.59		ug/m3	1	4/6/2016 6:52:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 6:52:00 AM
Cyclohexane	3.5	0.52		ug/m3	1	4/6/2016 6:52:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 6:52:00 AM
Ethyl acetate	1.0	0.90		ug/m3	1	4/6/2016 6:52:00 AM
Ethylbenzene	0.43	0.65	J	ug/m3	1	4/6/2016 6:52:00 AM
Freon 11	2.0	0.84		ug/m3	1	4/6/2016 6:52:00 AM
Freon 113	0.77	1.1	J	ug/m3	1	4/6/2016 6:52:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 6:52:00 AM

Qualifiers:

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

WOS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-SS-001-01
Lab Order:	C1603083	**Tag Number:**	368,294
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-012A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	3.1	0.74		ug/m3	1	4/6/2016 6:52:00 AM
Heptane	2.4 J	0.61		ug/m3	1	4/6/2016 6:52:00 AM
Hexachloro-1,3-butadiene	< 1.6 J	1.6		ug/m3	1	4/6/2016 6:52:00 AM
Hexane	2.4	0.53		ug/m3	1	4/6/2016 6:52:00 AM
Isopropyl alcohol	3.7	0.37		ug/m3	1	4/6/2016 6:52:00 AM
m&p-Xylene	2.0 J	1.3		ug/m3	1	4/6/2016 6:52:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 6:52:00 AM
Methyl Ethyl Ketone	3.2	0.88		ug/m3	1	4/6/2016 6:52:00 AM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 6:52:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 6:52:00 AM
Methylene chloride	2.3	0.52		ug/m3	1	4/6/2016 6:52:00 AM
o-Xylene	0.82 J	0.65		ug/m3	1	4/6/2016 6:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 6:52:00 AM
Styrene	< 0.64 J	0.64		ug/m3	1	4/6/2016 6:52:00 AM
Tetrachloroethylene	77	10		ug/m3	10	4/7/2016 4:06:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 6:52:00 AM
Toluene	5.3 J	0.57		ug/m3	1	4/6/2016 6:52:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 6:52:00 AM
trans-1,3-Dichloropropene	< 0.68 J	0.68		ug/m3	1	4/6/2016 6:52:00 AM
Trichloroethene	350	32		ug/m3	40	4/7/2016 4:42:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 6:52:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 6:52:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	4/6/2016 6:52:00 AM

Qualifiers:

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

WGS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-CENTRAL
Lab Order:	C1603083	**Tag Number:**	556,450
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 12:22:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 12:22:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 12:22:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 12:22:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 12:22:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 12:22:00 AM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	4/6/2016 12:22:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 12:22:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 12:22:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 12:22:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 12:22:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/6/2016 12:22:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 12:22:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 12:22:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 12:22:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 12:22:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 12:22:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/6/2016 12:22:00 AM
Acetone	29	7.1		ug/m3	10	4/6/2016 6:13:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 12:22:00 AM
Benzene	0.51	0.48		ug/m3	1	4/6/2016 12:22:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 12:22:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 12:22:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 12:22:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 12:22:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 12:22:00 AM
Carbon tetrachloride	0.82	0.25		ug/m3	1	4/6/2016 12:22:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 12:22:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 12:22:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	4/6/2016 12:22:00 AM
Chloromethane	1.6	0.31		ug/m3	1	4/6/2016 12:22:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 12:22:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 12:22:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/6/2016 12:22:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 12:22:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/6/2016 12:22:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/6/2016 12:22:00 AM
Freon 11	2.8	0.84		ug/m3	1	4/6/2016 12:22:00 AM
Freon 113	0.92	1.1	J	ug/m3	1	4/6/2016 12:22:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 12:22:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-CENTRAL
Lab Order:	C1603083	**Tag Number:**	556,450
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-013A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/6/2016 12:22:00 AM
Heptane	< 0.61	0.61		ug/m3	1	4/6/2016 12:22:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 12:22:00 AM
Hexane	< 0.53	0.53		ug/m3	1	4/6/2016 12:22:00 AM
Isopropyl alcohol	26	3.7		ug/m3	10	4/6/2016 6:13:00 PM
m&p-Xylene	0.96	1.3	J	ug/m3	1	4/6/2016 12:22:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 12:22:00 AM
Methyl Ethyl Ketone	1.8	0.88		ug/m3	1	4/6/2016 12:22:00 AM
Methyl Isobutyl Ketone	0.45 J	1.2	J	ug/m3	1	4/6/2016 12:22:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 12:22:00 AM
Methylene chloride	3.4	0.52		ug/m3	1	4/6/2016 12:22:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/6/2016 12:22:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 12:22:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 12:22:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/6/2016 12:22:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 12:22:00 AM
Toluene	1.3	0.57		ug/m3	1	4/6/2016 12:22:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 12:22:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 12:22:00 AM
Trichloroethene	0.48	0.21		ug/m3	1	4/6/2016 12:22:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 12:22:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 12:22:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 12:22:00 AM

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

WOS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-AA-001-01
Lab Order:	C1603083	**Tag Number:**	237,278
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 1:01:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 1:01:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 1:01:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 1:01:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 1:01:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 1:01:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/6/2016 1:01:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 1:01:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 1:01:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 1:01:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 1:01:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/6/2016 1:01:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 1:01:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 1:01:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 1:01:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 1:01:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 1:01:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/6/2016 1:01:00 AM
Acetone	18	3.6		ug/m3	5	4/6/2016 6:50:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 1:01:00 AM
Benzene	0.42	0.48	J	ug/m3	1	4/6/2016 1:01:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 1:01:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 1:01:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 1:01:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 1:01:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 1:01:00 AM
Carbon tetrachloride	0.88	0.25		ug/m3	1	4/6/2016 1:01:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 1:01:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 1:01:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	4/6/2016 1:01:00 AM
Chloromethane	2.1	0.31		ug/m3	1	4/6/2016 1:01:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 1:01:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 1:01:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/6/2016 1:01:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 1:01:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/6/2016 1:01:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/6/2016 1:01:00 AM
Freon 11	2.2	0.84		ug/m3	1	4/6/2016 1:01:00 AM
Freon 113	0.92	1.1	J	ug/m3	1	4/6/2016 1:01:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 1:01:00 AM

Qualifiers:

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

WAS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-AA-001-01
Lab Order:	C1603083.	**Tag Number:**	237,278
Project:	Scobell	**Collection Date:**	3/28/2016
Lab ID:	C1603083-014A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/6/2016 1:01:00 AM
Heptane	< 0.61	0.61		ug/m3	1	4/6/2016 1:01:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 1:01:00 AM
Hexane	< 0.53	0.53		ug/m3	1	4/6/2016 1:01:00 AM
Isopropyl alcohol	2.4	0.37		ug/m3	1	4/6/2016 1:01:00 AM
m&p-Xylene	< 1.3	1.3		ug/m3	1	4/6/2016 1:01:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 1:01:00 AM
Methyl Ethyl Ketone	0.80	0.88	J	ug/m3	1	4/6/2016 1:01:00 AM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 1:01:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 1:01:00 AM
Methylene chloride	1.7	0.52		ug/m3	1	4/6/2016 1:01:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/6/2016 1:01:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 1:01:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 1:01:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/6/2016 1:01:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 1:01:00 AM
Toluene	0.72	0.57		ug/m3	1	4/6/2016 1:01:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 1:01:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 1:01:00 AM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/6/2016 1:01:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 1:01:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 1:01:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 1:01:00 AM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-BCC
Lab Order:	C1603083	**Tag Number:**	202,398
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 1:40:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 1:40:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 1:40:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 1:40:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 1:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 1:40:00 AM
1,2,4-Trimethylbenzene	0.88	0.74		ug/m3	1	4/6/2016 1:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 1:40:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 1:40:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 1:40:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 1:40:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/6/2016 1:40:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 1:40:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 1:40:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 1:40:00 AM
1,4-Dioxane	< 1.1 S	1.1		ug/m3	1	4/6/2016 1:40:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 1:40:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/6/2016 1:40:00 AM
Acetone	28	7.1		ug/m3	10	4/6/2016 7:27:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 1:40:00 AM
Benzene	0.80	0.48		ug/m3	1	4/6/2016 1:40:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 1:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 1:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 1:40:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 1:40:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 1:40:00 AM
Carbon tetrachloride	0.88	0.25		ug/m3	1	4/6/2016 1:40:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 1:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 1:40:00 AM
Chloroform	1.4	0.73		ug/m3	1	4/6/2016 1:40:00 AM
Chloromethane	1.8	0.31		ug/m3	1	4/6/2016 1:40:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 1:40:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 1:40:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/6/2016 1:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 1:40:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/6/2016 1:40:00 AM
Ethylbenzene	0.78	0.65		ug/m3	1	4/6/2016 1:40:00 AM
Freon 11	2.2	0.84		ug/m3	1	4/6/2016 1:40:00 AM
Freon 113	0.92	1.1	J	ug/m3	1	4/6/2016 1:40:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 1:40:00 AM

Qualifiers:

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

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-BCC
Lab Order:	C1603083	**Tag Number:**	202,398
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-015A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/6/2016 1:40:00 AM
Heptane	< 0.61	0.61		ug/m3	1	4/6/2016 1:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 1:40:00 AM
Hexane	1.1	0.53		ug/m3	1	4/6/2016 1:40:00 AM
Isopropyl alcohol	21	3.7		ug/m3	10	4/6/2016 7:27:00 PM
m&p-Xylene	2.9	1.3		ug/m3	1	4/6/2016 1:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2	J	ug/m3	1	4/6/2016 1:40:00 AM
Methyl Ethyl Ketone	2.7	0.88		ug/m3	1	4/6/2016 1:40:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	J	ug/m3	1	4/6/2016 1:40:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 1:40:00 AM
Methylene chloride	2.8	0.52		ug/m3	1	4/6/2016 1:40:00 AM
o-Xylene	0.87	0.65		ug/m3	1	4/6/2016 1:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 1:40:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 1:40:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/6/2016 1:40:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 1:40:00 AM
Toluene	2.8	0.57		ug/m3	1	4/6/2016 1:40:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 1:40:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 1:40:00 AM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/6/2016 1:40:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 1:40:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 1:40:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 1:40:00 AM

Qualifiers:

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

WCS
4-25-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-004-GALLERY/OFF
Lab Order:	C1603083	**Tag Number:**	285,446
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 2:19:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 2:19:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 2:19:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 2:19:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 2:19:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 2:19:00 AM
1,2,4-Trimethylbenzene	30	7.4		ug/m3	10	4/6/2016 8:03:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 2:19:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 2:19:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 2:19:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 2:19:00 AM
1,3,5-Trimethylbenzene	9.3	7.4		ug/m3	10	4/6/2016 8:03:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 2:19:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 2:19:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 2:19:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 2:19:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 2:19:00 AM
4-ethyltoluene	11	7.4		ug/m3	10	4/6/2016 8:03:00 PM
Acetone	81	28		ug/m3	40	4/6/2016 8:40:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 2:19:00 AM
Benzene	0.83	0.48		ug/m3	1	4/6/2016 2:19:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 2:19:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 2:19:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 2:19:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 2:19:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 2:19:00 AM
Carbon tetrachloride	0.88	0.25		ug/m3	1	4/6/2016 2:19:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 2:19:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 2:19:00 AM
Chloroform	0.78	0.73		ug/m3	1	4/6/2016 2:19:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	4/6/2016 2:19:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 2:19:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 2:19:00 AM
Cyclohexane	1.5	0.52		ug/m3	1	4/6/2016 2:19:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 2:19:00 AM
Ethyl acetate	0.72	0.90	J	ug/m3	1	4/6/2016 2:19:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/6/2016 2:19:00 AM
Freon 11	2.5	0.84		ug/m3	1	4/6/2016 2:19:00 AM
Freon 113	0.92	1.1	J	ug/m3	1	4/6/2016 2:19:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 2:19:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

Was
4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-004-GALLERY/OFF
Lab Order:	C1603083	**Tag Number:**	285,446
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-016A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.0	0.74		ug/m3	1	4/6/2016 2:19:00 AM
Heptane	3.6	0.61		ug/m3	1	4/6/2016 2:19:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 2:19:00 AM
Hexane	1.2	0.53		ug/m3	1	4/6/2016 2:19:00 AM
Isopropyl alcohol	44	3.7		ug/m3	10	4/6/2016 8:03:00 PM
m&p-Xylene	2.1	1.3		ug/m3	1	4/6/2016 2:19:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 2:19:00 AM
Methyl Ethyl Ketone	2.7	0.88		ug/m3	1	4/6/2016 2:19:00 AM
Methyl Isobutyl Ketone	0.90 J	1.2	J	ug/m3	1	4/6/2016 2:19:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 2:19:00 AM
Methylene chloride	2.5	0.52		ug/m3	1	4/6/2016 2:19:00 AM
o-Xylene	2.7	0.65		ug/m3	1	4/6/2016 2:19:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 2:19:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 2:19:00 AM
Tetrachloroethylene	1.4	1.0		ug/m3	1	4/6/2016 2:19:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 2:19:00 AM
Toluene	12	5.7		ug/m3	10	4/6/2016 8:03:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 2:19:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 2:19:00 AM
Trichloroethene	14	2.1		ug/m3	10	4/6/2016 8:03:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 2:19:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 2:19:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 2:19:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

was 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-004-GLASS OVER
Lab Order:	C1603083	**Tag Number:**	133,1161
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-017A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 2:58:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 2:58:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 2:58:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 2:58:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 2:58:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 2:58:00 AM
1,2,4-Trimethylbenzene	13J	7.4		ug/m3	10	4/6/2016 7:29:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 2:58:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 2:58:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 2:58:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 2:58:00 AM
1,3,5-Trimethylbenzene	6.2	0.74		ug/m3	1	4/6/2016 2:58:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 2:58:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 2:58:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 2:58:00 AM
1,4-Dioxane	< 1.1J	1.1		ug/m3	1	4/6/2016 2:58:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 2:58:00 AM
4-ethyltoluene	8.7	0.74		ug/m3	1	4/6/2016 2:58:00 AM
Acetone	32	7.1		ug/m3	10	4/6/2016 7:29:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 2:58:00 AM
Benzene	0.83	0.48		ug/m3	1	4/6/2016 2:58:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 2:58:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 2:58:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 2:58:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 2:58:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 2:58:00 AM
Carbon tetrachloride	0.75	0.25		ug/m3	1	4/6/2016 2:58:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 2:58:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 2:58:00 AM
Chloroform	0.54	0.73	J	ug/m3	1	4/6/2016 2:58:00 AM
Chloromethane	1.9	0.31		ug/m3	1	4/6/2016 2:58:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 2:58:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 2:58:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/6/2016 2:58:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 2:58:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/6/2016 2:58:00 AM
Ethylbenzene	0.65	0.65		ug/m3	1	4/6/2016 2:58:00 AM
Freon 11	2.2	0.84		ug/m3	1	4/6/2016 2:58:00 AM
Freon 113	0.92	1.1	J	ug/m3	1	4/6/2016 2:58:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 2:58:00 AM

Qualifiers:

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

WG
4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-004-GLASS OVER
Lab Order:	C1603083	**Tag Number:**	133,1161
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-017A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.8	0.74		ug/m3	1	4/6/2016 2:58:00 AM
Heptane	3.5	0.61		ug/m3	1	4/6/2016 2:58:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 2:58:00 AM
Hexane	0.99	0.53		ug/m3	1	4/6/2016 2:58:00 AM
Isopropyl alcohol	480	98		ug/m3	270	4/6/2016 9:16:00 PM
m&p-Xylene	1.8	1.3		ug/m3	1	4/6/2016 2:58:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 2:58:00 AM
Methyl Ethyl Ketone	2.7	0.88		ug/m3	1	4/6/2016 2:58:00 AM
Methyl Isobutyl Ketone	0.66 J	1.2	J	ug/m3	1	4/6/2016 2:58:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 2:58:00 AM
Methylene chloride	2.8	0.52		ug/m3	1	4/6/2016 2:58:00 AM
o-Xylene	1.6	0.65		ug/m3	1	4/6/2016 2:58:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 2:58:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 2:58:00 AM
Tetrachloroethylene	0.88	1.0	J	ug/m3	1	4/6/2016 2:58:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 2:58:00 AM
Toluene	8.3 J	5.7		ug/m3	10	4/6/2016 7:29:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 2:58:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 2:58:00 AM
Trichloroethene	8.5	0.21		ug/m3	1	4/6/2016 2:58:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 2:58:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 2:58:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 2:58:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-BASEMENT
Lab Order:	C1603083	**Tag Number:**	170,117
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-018A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.71	0.82	J	ug/m3	1	4/6/2016 3:37:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 3:37:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 3:37:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 3:37:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 3:37:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 3:37:00 AM
1,2,4-Trimethylbenzene	50	7.4		ug/m3	10	4/6/2016 9:53:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 3:37:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 3:37:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 3:37:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 3:37:00 AM
1,3,5-Trimethylbenzene	15	7.4		ug/m3	10	4/6/2016 9:53:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 3:37:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 3:37:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 3:37:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 3:37:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 3:37:00 AM
4-ethyltoluene	16	7.4		ug/m3	10	4/6/2016 9:53:00 PM
Acetone	71	28		ug/m3	40	4/6/2016 10:29:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 3:37:00 AM
Benzene	0.96	0.48		ug/m3	1	4/6/2016 3:37:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 3:37:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 3:37:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 3:37:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 3:37:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 3:37:00 AM
Carbon tetrachloride	0.75	0.25		ug/m3	1	4/6/2016 3:37:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 3:37:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 3:37:00 AM
Chloroform	0.54	0.73	J	ug/m3	1	4/6/2016 3:37:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	4/6/2016 3:37:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 3:37:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 3:37:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/6/2016 3:37:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 3:37:00 AM
Ethyl acetate	0.97	0.90		ug/m3	1	4/6/2016 3:37:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/6/2016 3:37:00 AM
Freon 11	2.1	0.84		ug/m3	1	4/6/2016 3:37:00 AM
Freon 113	0.84	1.1	J	ug/m3	1	4/6/2016 3:37:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 3:37:00 AM

Qualifiers:

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

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Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-IA-001-BASEMENT
Lab Order:	C1603083	**Tag Number:**	170,117
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-018A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	3.8	0.74		ug/m3	1	4/6/2016 3:37:00 AM
Heptane	5.5	0.61		ug/m3	1	4/6/2016 3:37:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 3:37:00 AM
Hexane	< 0.53	0.53		ug/m3	1	4/6/2016 3:37:00 AM
Isopropyl alcohol	55	15		ug/m3	40	4/6/2016 10:29:00 PM
m&p-Xylene	3.1	1.3		ug/m3	1	4/6/2016 3:37:00 AM
Methyl Butyl Ketone	< 1.2	1.2	J	ug/m3	1	4/6/2016 3:37:00 AM
Methyl Ethyl Ketone	4.8	0.88		ug/m3	1	4/6/2016 3:37:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2	J	ug/m3	1	4/6/2016 3:37:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 3:37:00 AM
Methylene chloride	2.5	0.52		ug/m3	1	4/6/2016 3:37:00 AM
o-Xylene	4.4	0.65		ug/m3	1	4/6/2016 3:37:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 3:37:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 3:37:00 AM
Tetrachloroethylene	3.9	1.0		ug/m3	1	4/6/2016 3:37:00 AM
Tetrahydrofuran	1.9	0.44		ug/m3	1	4/6/2016 3:37:00 AM
Toluene	21	5.7		ug/m3	10	4/6/2016 9:53:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 3:37:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 3:37:00 AM
Trichloroethene	28	2.1		ug/m3	10	4/6/2016 9:53:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 3:37:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 3:37:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 3:37:00 AM

Qualifiers:

**	Reporting 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	Value above quantitation range
J	Analyte detected at or below quantitation limits
ND	Not Detected at the Reporting Limit

WAS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-AA-001-02
Lab Order:	C1603083	**Tag Number:**	1191,177
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-019A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 4:16:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	4/6/2016 4:16:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	4/6/2016 4:16:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 4:16:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 4:16:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	4/6/2016 4:16:00 AM
1,2,4-Trimethylbenzene	0.84	0.74		ug/m3	1	4/6/2016 4:16:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	4/6/2016 4:16:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 4:16:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	4/6/2016 4:16:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	4/6/2016 4:16:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	4/6/2016 4:16:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	4/6/2016 4:16:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 4:16:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	4/6/2016 4:16:00 AM
1,4-Dioxane	< 1.1 J	1.1		ug/m3	1	4/6/2016 4:16:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	4/6/2016 4:16:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	4/6/2016 4:16:00 AM
Acetone	16	3.6		ug/m3	5	4/6/2016 11:06:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	4/6/2016 4:16:00 AM
Benzene	0.54	0.48		ug/m3	1	4/6/2016 4:16:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	4/6/2016 4:16:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	4/6/2016 4:16:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	4/6/2016 4:16:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	4/6/2016 4:16:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	4/6/2016 4:16:00 AM
Carbon tetrachloride	0.82	0.25		ug/m3	1	4/6/2016 4:16:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	4/6/2016 4:16:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	4/6/2016 4:16:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	4/6/2016 4:16:00 AM
Chloromethane	1.7	0.31		ug/m3	1	4/6/2016 4:16:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 4:16:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 4:16:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	4/6/2016 4:16:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	4/6/2016 4:16:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	4/6/2016 4:16:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	4/6/2016 4:16:00 AM
Freon 11	2.2	0.84		ug/m3	1	4/6/2016 4:16:00 AM
Freon 113	0.92	1.1	J	ug/m3	1	4/6/2016 4:16:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	4/6/2016 4:16:00 AM

Qualifiers:

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

WCS 4-21-16

Centek Laboratories, LLC

Date: *07-Apr-16*

CLIENT:	AMEC Environment & Infrastructure, Inc.	**Client Sample ID:**	828076-AA-001-02
Lab Order:	C1603083	**Tag Number:**	1191,177
Project:	Scobell	**Collection Date:**	3/29/2016
Lab ID:	C1603083-019A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		**TO-15**				Analyst: **RJP**
Freon 12	4.1	0.74		ug/m3	1	4/6/2016 4:16:00 AM
Heptane	< 0.61	0.61		ug/m3	1	4/6/2016 4:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	4/6/2016 4:16:00 AM
Hexane	< 0.53	0.53		ug/m3	1	4/6/2016 4:16:00 AM
Isopropyl alcohol	2.1	0.37		ug/m3	1	4/6/2016 4:16:00 AM
m&p-Xylene	0.56	1.3	J	ug/m3	1	4/6/2016 4:16:00 AM
Methyl Butyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 4:16:00 AM
Methyl Ethyl Ketone	0.68	0.88	J	ug/m3	1	4/6/2016 4:16:00 AM
Methyl Isobutyl Ketone	< 1.2 J	1.2		ug/m3	1	4/6/2016 4:16:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	4/6/2016 4:16:00 AM
Methylene chloride	1.9	0.52		ug/m3	1	4/6/2016 4:16:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	4/6/2016 4:16:00 AM
Propylene	< 0.26	0.26		ug/m3	1	4/6/2016 4:16:00 AM
Styrene	< 0.64	0.64		ug/m3	1	4/6/2016 4:16:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	4/6/2016 4:16:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	4/6/2016 4:16:00 AM
Toluene	0.60	0.57		ug/m3	1	4/6/2016 4:16:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	4/6/2016 4:16:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	4/6/2016 4:16:00 AM
Trichloroethene	< 0.21	0.21		ug/m3	1	4/6/2016 4:16:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	4/6/2016 4:16:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	4/6/2016 4:16:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	4/6/2016 4:16:00 AM

Qualifiers:

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

WCS 4-21-16

ATTACHMENT 3

DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

1.0 INTRODUCTION

Air samples were collected at the Scobell Chemical site in March 2016 and submitted to Centek Laboratories located in Syracuse, New York, for analysis. Samples were analyzed by the following method:

- Volatile organic compounds (VOCs) by USEPA Method TO-15

Results were reported in the following sample delivery group (SDG):

- C1603083

A Data Usability Summary Report (DUSR) review was completed based on the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation guidance (NYSDEC, 2010). Sample event information included in this DUSR is presented in the following tables:

- Table 1 – Summary of Samples and Analytical Methods
- Table 2 – Summary of Analytical Results
- Table 3 – Summary of Qualification Actions

Laboratory deliverables included:

- Category B deliverable as defined in the NYSDEC Analytical Services Protocols (NYSDEC, 2005).

The DUSR review included the following evaluations. A table of project control limits is presented in Attachment A. DUSR review checklists and applicable laboratory QC summary forms are included in Attachment B to document DUSR checks and QC outliers associated with qualification actions.

- Lab Report Narrative Review
- Data Package Completeness and COC records (Table 1 verification)
- Sample Preservation and Holding Times
- Instrument Calibration (report narrative/lab-qualifier evaluation)
- QC Blanks
- Laboratory Control Samples (LCS)
- Surrogate Spikes (if applicable)
- Field Duplicates
- Target Analyte Identification and Quantitation
- Raw Data (chromatograms), Calculation Checks and Transcription Verifications
- Reporting Limits
- Electronic Data Qualification and Verification

Data qualification actions are applied when necessary based on general procedures in USEPA validation guidelines (USEPA, 2006) and the judgment of the project chemist. The following laboratory or data review qualifiers are used in the final data presentation:

J = concentration is estimated
U = target analyte is not detected above the reported detection limit
UJ = the target compound was not detected and the reporting limit is considered to be estimated

Results are interpreted to be usable as reported by the laboratory or as qualified in the following sections.

2.0 POTENTIAL DATA LIMITATIONS

Based on the DUSR review the majority of data meet the data quality objectives; however, the following potential limitations were identified:

- Results for 1,4-dioxane, 2-hexanone, and 4-methyl-2-pentanone in all samples are qualified estimated (J/UJ) based on low LCS recoveries. Qualified results are summarized on Table 3.

- Results for o-xylene in a subset of samples were qualified estimated (J) based on a high LCS recovery. Qualified results are summarized on Table 3.

- One or more internal standard responses were greater than the control limits for a subset of samples. The laboratory narrative noted potential chromatographic interference from high concentrations of possible fuel-related compounds. Results for associated target analytes in affected samples were qualified estimated (J/UJ). Qualified results are summarized on Table 3.

- Reported results for samples 828076-SS-005-01 and 828076-IA-001-NSC and associated field duplicates were inconsistent for a subset of analytes. Positive and non-detected results for affected analytes were qualified estimated (J/UJ). Qualified results are summarized on Table 3.

3.0 ADDITIONAL QC EXCEEDANCES AND OBSERVATIONS

Additional observations and quality control exceedances not specifically addressed above (Section 2.0) or included in Table 3 are summarized below. Unless presented in Table 3, sample results are interpreted to be usable as reported by the laboratory.

Instrument Continuing Calibration

The laboratory narrative noted the continuing calibration percent differences (%Ds) for bromoform and hexachlorobutadiene were outside control limit of 30 and indicated a potential high bias. No laboratory qualifiers associated with calibration were reported with sample data and sample results were reported unqualified. Bromoform and hexachlorobutadiene are not primary site contaminants and the calibration outliers are not interpreted to be a significant data limitation.

Reference:

New York State Department of Environmental Conservation (NYSDEC), 2005. "Analytical Services Protocols"; July 2005.

New York State Department of Environmental Conservation (NYSDEC), 2010. "Technical Guidance for Site Investigation and Remediation-Appendix 2B"; DER-10; Division of Environmental Remediation; May 2010.

USEPA Region 2, 2006. "Validating Volatile Organic Analysis of Ambient Air in Canister by Method TO-15"; SOP # HW-31, Revision 4, Hazardous Waste Support Branch; October 2006.

Data Validator: Willie Stone April 28, 2016

Reviewed by: Julie Ricardi May 2, 2016

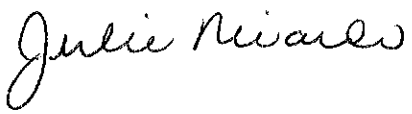

TABLE 1
SUMMARY OF SAMPLES AND ANALYTICAL METHODS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

SDG	Location	Sample ID	Sample Date	Method Class Analysis Method Fraction Media	Qc Code	VOCs Method TO-15 Total Param_Count
C1603083	AA-005	828076-AA-005-02	3/28/2016	AIR	FS	63
C1603083	Glass Studio-Gallery	828076-IA-004-GALLERY/OFFICE	3/29/2016	AIR	FS	63
C1603083	Glass Studio-Oven Area	828076-IA-004-GLASS OVER AREA	3/29/2016	AIR	FS	63
C1603083	Main Building-Basement	828076-IA-001-BASEMENT	3/29/2016	AIR	FS	63
C1603083	Main Building-BCC	828076-IA-001-BCC	3/29/2016	AIR	FS	63
C1603083	Main Building-Boxman	828076-IA-001-BOXMAN	3/28/2016	AIR	FS	63
C1603083	Main Building-Center	828076-IA-001-CENTRAL	3/28/2016	AIR	FS	63
C1603083	Main Building-Center	828076-SS-001-01	3/28/2016	AIR	FS	63
C1603083	Main Building-Dog Day Care	828076-IA-001-DOGGY DA CARE	3/28/2016	AIR	FS	63
C1603083	Main Building-NSC	828076-IA-001-NSC	3/28/2016	AIR	FS	63
C1603083	Main Building-NSC	828076-IA-001-NSCD	3/28/2016	AIR	FD	63
C1603083	Main Building-Tryon	828076-IA-001-TRYON	3/28/2016	AIR	FS	63
C1603083	Outside	828076-AA-001-01	3/28/2016	AIR	FS	63
C1603083	Outside	828076-AA-001-02	3/29/2016	AIR	FS	63
C1603083	P-005-01	828076-IA-005-01	3/28/2016	AIR	FS	63
C1603083	P-005-01	828076-SS-005-01	3/28/2016	AIR	FS	63
C1603083	P-005-01	828076-SS-005-01D	3/28/2016	AIR	FD	63
C1603083	P-005-02	828076-IA-005-02	3/28/2016	AIR	FS	63
C1603083	P-005-02	828076-SS-005-02	3/28/2016	AIR	FS	63

Notes:
FS = Field Sample
FD = Field Duplcate
Param_Count = number of target analytes reported

Created by KMS
April 12,2016
Reviewed by: WAS
April 21, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		AA-005		Glass Studio-Gallery		Glass Studio-Oven Area	
Field Sample Date		3/28/2016 00:00		3/29/2016 00:00		3/29/2016 00:00	
Field Sample ID		828076-AA-005-02		828076-IA-004-GALLERY/OFFICE		828076-IA-004-GLASS OVER AREA	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.82	U	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	ug/m3	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	1	J	0.92	J	0.92	J
1,1,2-Trichloroethane	ug/m3	0.82	U	0.82	U	0.82	U
1,1-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	ug/m3	1.1	U	1.1	U	1.1	U
1,2,4-Trimethylbenzene	ug/m3	0.74	U	30		13	J
1,2-Dibromoethane	ug/m3	1.2	U	1.2	U	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	U
1,2-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	ug/m3	0.69	U	0.69	U	0.69	U
1,3,5-Trimethylbenzene	ug/m3	0.74	U	9.3		6.2	
1,3-Butadiene	ug/m3	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	U
1,4-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	U
1,4-Dioxane	ug/m3	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	ug/m3	0.94		2.7		2.7	
2-Hexanone	ug/m3	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	ug/m3	2.4		44		480	
4-Ethyltoluene	ug/m3	0.74	U	11		8.7	
4-Methyl-2-pentanone	ug/m3	1.2	UJ	0.9	J	0.66	J
Acetone	ug/m3	17		81		32	
Allyl chloride	ug/m3	0.47	U	0.47	U	0.47	U
Benzene	ug/m3	0.54		0.83		0.83	
Benzyl chloride	ug/m3	0.86	U	0.86	U	0.86	U
Bromodichloromethane	ug/m3	1	U	1	U	1	U
Bromoform	ug/m3	1.6	U	1.6	U	1.6	U
Bromomethane	ug/m3	0.58	U	0.58	U	0.58	U
Carbon disulfide	ug/m3	0.37	J	0.47	U	0.47	U
Carbon tetrachloride	ug/m3	1		0.88		0.75	
Chlorobenzene	ug/m3	0.69	U	0.69	U	0.69	U
Chloroethane	ug/m3	0.4	U	0.4	U	0.4	U
Chloroform	ug/m3	0.73	U	0.78		0.54	J

Created by: KMS
April 28, 2016
Reviewed by: WAS
April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		AA-005		Glass Studio-Gallery		Glass Studio-Oven Area	
Field Sample Date		3/28/2016 00:00		3/29/2016 00:00		3/29/2016 00:00	
Field Sample ID		828076-AA-005-02		828076-IA-004-GALLERY/OFFICE		828076-IA-004-GLASS OVER AREA	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
Chloromethane	ug/m3	1.8		0.31 U		1.9	
Cis-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
Cis-1,3-Dichloropropene	ug/m3	0.68 U		0.68 U		0.68 U	
Cyclohexane	ug/m3	0.52 U		1.5		0.52 U	
Dibromochloromethane	ug/m3	1.3 U		1.3 U		1.3 U	
Dichlorodifluoromethane	ug/m3	4		4		3.8	
Ethyl acetate	ug/m3	0.9 U		0.72 J		0.9 U	
Ethylbenzene	ug/m3	0.65 U		0.65 U		0.65	
Heptane	ug/m3	0.61 U		3.6		3.5	
Hexachlorobutadiene	ug/m3	1.6 U		1.6 U		1.6 U	
Hexane	ug/m3	0.53 U		1.2		0.99	
Isooctane	ug/m3	0.7 U		0.7 U		0.7 U	
Methyl Tertbutyl Ether	ug/m3	0.54 U		0.54 U		0.54 U	
Methylene chloride	ug/m3	6.4		2.5		2.8	
Propylene	ug/m3	0.26 U		0.26 U		0.26 U	
Styrene	ug/m3	0.64 U		0.64 U		0.64 U	
Tetrachloroethene	ug/m3	1 U		1.4		0.88 J	
Tetrahydrofuran	ug/m3	0.44 U		0.44 U		0.44 U	
Toluene	ug/m3	0.6		12		8.3 J	
trans-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
trans-1,3-Dichloropropene	ug/m3	0.68 U		0.68 U		0.68 U	
Trichloroethene	ug/m3	0.21 U		14		8.5	
Trichlorofluoromethane	ug/m3	2.3		2.5		2.2	
Vinyl acetate	ug/m3	0.53 U		0.53 U		0.53 U	
Vinyl bromide	ug/m3	0.66 U		0.66 U		0.66 U	
Vinyl chloride	ug/m3	0.1 U		0.1 U		0.1 U	
Xylene, o	ug/m3	0.65 U		2.7		1.6	
Xylenes (m&p)	ug/m3	0.74 J		2.1		1.8	

Notes:
J = The reported concentration is considered an estimated value
UJ = The target compound was not detected and the reporting limit is considered to be estimated
U = The target compound was not detected above the reporting limit
ug/m3 = microgram per cubic meter
FS = Field Sample
FD = Field Duplicate

Created by: KMS
April 28, 2016
Reviewed by: WAS
April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Main Building-Basement		Main Building-BCC		Main Building-Boxman	
Field Sample Date		3/29/2016 00:00		3/29/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-IA-001-BASEMENT		828076-IA-001-BCC		828076-IA-001-BOXMAN	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.71	J	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	ug/m3	1	U	1	U	1	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	0.84	J	0.92	J	0.92	J
1,1,2-Trichloroethane	ug/m3	0.82	U	0.82	U	0.82	U
1,1-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	ug/m3	1.1	U	1.1	U	1.1	UJ
1,2,4-Trimethylbenzene	ug/m3	50		0.88		1.4	J
1,2-Dibromoethane	ug/m3	1.2	U	1.2	U	1.2	UJ
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	UJ
1,2-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	ug/m3	0.69	U	0.69	U	0.69	U
1,3,5-Trimethylbenzene	ug/m3	15		0.74	U	0.74	UJ
1,3-Butadiene	ug/m3	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	UJ
1,4-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	UJ
1,4-Dioxane	ug/m3	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	ug/m3	4.8		2.7		2.2	
2-Hexanone	ug/m3	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	ug/m3	55		21		15	
4-Ethyltoluene	ug/m3	16		0.74	U	0.49	J
4-Methyl-2-pentanone	ug/m3	1.2	UJ	1.2	UJ	0.66	J
Acetone	ug/m3	71		28		21	
Allyl chloride	ug/m3	0.47	U	0.47	U	0.47	U
Benzene	ug/m3	0.96		0.8		0.77	
Benzyl chloride	ug/m3	0.86	U	0.86	U	0.86	UJ
Bromodichloromethane	ug/m3	1	U	1	U	1	U
Bromoform	ug/m3	1.6	U	1.6	U	1.6	UJ
Bromomethane	ug/m3	0.58	U	0.58	U	0.58	U
Carbon disulfide	ug/m3	0.47	U	0.47	U	0.47	U
Carbon tetrachloride	ug/m3	0.75		0.88		0.82	
Chlorobenzene	ug/m3	0.69	U	0.69	U	0.69	UJ
Chloroethane	ug/m3	0.4	U	0.4	U	0.4	U
Chloroform	ug/m3	0.54	J	1.4		0.73	U

Created by: KMS
April 28, 2016
Reviewed by: WAS
April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Main Building-Basement		Main Building-BCC		Main Building-Boxman	
Field Sample Date		3/29/2016 00:00		3/29/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-IA-001-BASEMENT		828076-IA-001-BCC		828076-IA-001-BOXMAN	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
Chloromethane	ug/m3	0.31	U	1.8		2.3	
Cis-1,2-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
Cis-1,3-Dichloropropene	ug/m3	0.68	U	0.68	U	0.68	U
Cyclohexane	ug/m3	0.52	U	0.52	U	0.52	U
Dibromochloromethane	ug/m3	1.3	U	1.3	U	1.3	UJ
Dichlorodifluoromethane	ug/m3	3.8		4		4.1	
Ethyl acetate	ug/m3	0.97		0.9	U	0.9	U
Ethylbenzene	ug/m3	0.65	U	0.78		0.65	UJ
Heptane	ug/m3	5.5		0.61	U	1.6	
Hexachlorobutadiene	ug/m3	1.6	U	1.6	U	1.6	UJ
Hexane	ug/m3	0.53	U	1.1		1.1	
Isooctane	ug/m3	0.7	U	0.7	U	0.7	U
Methyl Tertbutyl Ether	ug/m3	0.54	U	0.54	U	0.54	U
Methylene chloride	ug/m3	2.5		2.8		5.3	
Propylene	ug/m3	0.26	U	0.26	U	0.26	U
Styrene	ug/m3	0.64	U	0.64	U	0.64	UJ
Tetrachloroethene	ug/m3	3.9		1	U	1	UJ
Tetrahydrofuran	ug/m3	1.9		0.44	U	0.44	U
Toluene	ug/m3	21		2.8		2.2	J
trans-1,2-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
trans-1,3-Dichloropropene	ug/m3	0.68	U	0.68	U	0.68	U
Trichloroethene	ug/m3	28		0.21	U	0.59	
Trichlorofluoromethane	ug/m3	2.1		2.2		2.2	
Vinyl acetate	ug/m3	0.53	U	0.53	U	0.53	U
Vinyl bromide	ug/m3	0.66	U	0.66	U	0.66	U
Vinyl chloride	ug/m3	0.1	U	0.1	U	0.1	U
Xylene, o	ug/m3	4.4		0.87		0.52	J
Xylenes (m&p)	ug/m3	3.1		2.9		2.4	J

Notes:
J = The reported concentration is considered an e
UJ = The target compound was not detected and
U = The target compound was not detected above
ug/m3 = microgram per cubic meter
FS = Field Sample
FD = Field Duplicate

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April 28, 2016
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April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Main Building-Center		Main Building-Center		Main Building-Dog Day Care	
Field Sample Date		3/28/2016 00:00		3/28/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-IA-001-CENTRAL		828076-SS-001-01		828076-IA-001-DOGGY DA CARE	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.82	U	11	J	0.82	U
1,1,2,2-Tetrachloroethane	ug/m3	1	U	1	UJ	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	0.92	J	0.77	J	1	J
1,1,2-Trichloroethane	ug/m3	0.82	U	0.82	UJ	0.82	U
1,1-Dichloroethane	ug/m3	0.61	U	0.45	J	0.61	U
1,1-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	ug/m3	1.1	U	1.1	UJ	1.1	U
1,2,4-Trimethylbenzene	ug/m3	0.69	J	1.2	J	0.69	J
1,2-Dibromoethane	ug/m3	1.2	U	1.2	UJ	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/m3	0.9	U	0.9	UJ	0.9	U
1,2-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	ug/m3	0.69	U	0.69	UJ	0.69	U
1,3,5-Trimethylbenzene	ug/m3	0.74	U	1	J	0.74	U
1,3-Butadiene	ug/m3	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	ug/m3	0.9	U	0.9	UJ	0.9	U
1,4-Dichlorobenzene	ug/m3	0.9	U	0.9	UJ	0.9	U
1,4-Dioxane	ug/m3	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	ug/m3	1.8		3.2		4.8	
2-Hexanone	ug/m3	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	ug/m3	26		3.7		91	
4-Ethyltoluene	ug/m3	0.74	U	0.74	UJ	0.74	U
4-Methyl-2-pentanone	ug/m3	0.45	J	1.2	UJ	0.45	J
Acetone	ug/m3	29		58		38	
Allyl chloride	ug/m3	0.47	U	0.47	U	0.47	U
Benzene	ug/m3	0.51		2.1	J	0.51	
Benzyl chloride	ug/m3	0.86	U	0.86	UJ	0.86	U
Bromodichloromethane	ug/m3	1	U	1	UJ	1	U
Bromoform	ug/m3	1.6	U	1.6	UJ	1.6	U
Bromomethane	ug/m3	0.58	U	0.58	U	0.58	U
Carbon disulfide	ug/m3	0.47	U	9.3		0.47	U
Carbon tetrachloride	ug/m3	0.82		1.4	J	0.82	
Chlorobenzene	ug/m3	0.69	U	0.69	UJ	0.69	U
Chloroethane	ug/m3	0.4	U	0.4	U	0.4	U
Chloroform	ug/m3	0.73	U	1.8		0.68	J

Created by: KMS
April 28, 2016
Reviewed by: WAS
April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Main Building-Center		Main Building-Center		Main Building-Dog Day Care	
Field Sample Date		3/28/2016 00:00		3/28/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-IA-001-CENTRAL		828076-SS-001-01		828076-IA-001-DOGGY DA CARE	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
Chloromethane	ug/m3	1.6		0.31 U		1.7	
Cis-1,2-Dichloroethene	ug/m3	0.59 U		1.7		0.59 U	
Cis-1,3-Dichloropropene	ug/m3	0.68 U		0.68 UJ		0.68 U	
Cyclohexane	ug/m3	0.52 U		3.5 J		0.52 U	
Dibromochloromethane	ug/m3	1.3 U		1.3 UJ		1.3 U	
Dichlorodifluoromethane	ug/m3	4		3.1		3.9	
Ethyl acetate	ug/m3	0.9 U		1		0.9 U	
Ethylbenzene	ug/m3	0.65 U		0.43 J		0.65 U	
Heptane	ug/m3	0.61 U		2.4 J		0.61 U	
Hexachlorobutadiene	ug/m3	1.6 U		1.6 UJ		1.6 U	
Hexane	ug/m3	0.53 U		2.4		0.53 U	
Isooctane	ug/m3	0.7 U		0.7 UJ		0.7 U	
Methyl Tertbutyl Ether	ug/m3	0.54 U		0.54 U		0.54 U	
Methylene chloride	ug/m3	3.4		2.3		2	
Propylene	ug/m3	0.26 U		0.26 U		0.26 U	
Styrene	ug/m3	0.64 U		0.64 UJ		0.64 U	
Tetrachloroethene	ug/m3	1 U		77		1 U	
Tetrahydrofuran	ug/m3	0.44 U		0.44 U		0.44 U	
Toluene	ug/m3	1.3		5.3 J		2.1	
trans-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
trans-1,3-Dichloropropene	ug/m3	0.68 U		0.68 UJ		0.68 U	
Trichloroethene	ug/m3	0.48		350		0.21 U	
Trichlorofluoromethane	ug/m3	2.8		2		2.2	
Vinyl acetate	ug/m3	0.53 U		0.53 U		0.53 U	
Vinyl bromide	ug/m3	0.66 U		0.66 U		0.66 U	
Vinyl chloride	ug/m3	0.1 U		0.38 U		0.1 U	
Xylene, o	ug/m3	0.65 U		0.82 J		0.65 U	
Xylenes (m&p)	ug/m3	0.96 J		2 J		0.48 J	

Notes:
J = The reported concentration is considered an e
UJ = The target compound was not detected and
U = The target compound was not detected above
ug/m3 = microgram per cubic meter
FS = Field Sample
FD = Field Duplicate

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April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Main Building-NSC		Main Building-NSC		Main Building-Tryon	
Field Sample Date		3/28/2016 00:00		3/28/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-IA-001-NSC		828076-IA-001-NSCD		828076-IA-001-TRYON	
Qc Code		FS		FD		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.82 U		0.82 U		2.9	
1,1,2,2-Tetrachloroethane	ug/m3	1 U		1 UJ		1 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	0.84 J		0.84 J		0.92 J	
1,1,2-Trichloroethane	ug/m3	0.82 U		0.82 U		0.82 U	
1,1-Dichloroethane	ug/m3	0.61 U		0.61 U		0.61 U	
1,1-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
1,2,4-Trichlorobenzene	ug/m3	1.1 U		1.1 UJ		1.1 U	
1,2,4-Trimethylbenzene	ug/m3	1		1.1 J		760	
1,2-Dibromoethane	ug/m3	1.2 U		1.2 UJ		1.2 U	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1 U		1 U		1 U	
1,2-Dichlorobenzene	ug/m3	0.9 U		0.9 UJ		0.9 U	
1,2-Dichloroethane	ug/m3	0.61 U		0.61 U		0.61 U	
1,2-Dichloropropane	ug/m3	0.69 U		0.69 U		0.69 U	
1,3,5-Trimethylbenzene	ug/m3	0.74 U		0.74 UJ		230	
1,3-Butadiene	ug/m3	0.33 U		0.33 U		0.33 U	
1,3-Dichlorobenzene	ug/m3	0.9 U		0.9 UJ		0.9 U	
1,4-Dichlorobenzene	ug/m3	0.9 U		0.9 UJ		0.9 U	
1,4-Dioxane	ug/m3	1.1 UJ		2.8 J		1.1 UJ	
2-Butanone	ug/m3	2.6		1.9		3.6	
2-Hexanone	ug/m3	1.2 UJ		1.2 UJ		1.2 UJ	
2-Propanol	ug/m3	20		31		150	
4-Ethyltoluene	ug/m3	0.74 U		0.74 UJ		240	
4-Methyl-2-pentanone	ug/m3	1.2 UJ		1.2 UJ		1.2 UJ	
Acetone	ug/m3	23		29		340	
Allyl chloride	ug/m3	0.47 U		0.47 U		0.47 U	
Benzene	ug/m3	0.64		0.57		0.48 U	
Benzyl chloride	ug/m3	0.86 U		0.86 UJ		0.86 U	
Bromodichloromethane	ug/m3	1 U		1 U		1 U	
Bromoform	ug/m3	1.6 U		1.6 UJ		1.6 U	
Bromomethane	ug/m3	0.58 U		0.58 U		0.58 U	
Carbon disulfide	ug/m3	0.47 U		0.47 U		0.53	
Carbon tetrachloride	ug/m3	0.88		0.82		0.94	
Chlorobenzene	ug/m3	0.69 U		0.69 UJ		0.69 U	
Chloroethane	ug/m3	0.4 U		0.4 U		0.4 U	
Chloroform	ug/m3	0.73 U		0.73 U		0.63 J	

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TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Main Building-NSC		Main Building-NSC		Main Building-Tryon	
Field Sample Date		3/28/2016 00:00		3/28/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-IA-001-NSC		828076-IA-001-NSCD		828076-IA-001-TRYON	
Qc Code		FS		FD		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
Chloromethane	ug/m3	2.4		2		1.7	
Cis-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.4 J	
Cis-1,3-Dichloropropene	ug/m3	0.68 U		0.68 U		0.68 U	
Cyclohexane	ug/m3	0.52 U		0.52 U		4.8	
Dibromochloromethane	ug/m3	1.3 U		1.3 UJ		1.3 U	
Dichlorodifluoromethane	ug/m3	4		3.6		3.7	
Ethyl acetate	ug/m3	0.9 U		0.9 U		3.7	
Ethylbenzene	ug/m3	0.56 J		0.52 J		0.65 U	
Heptane	ug/m3	2.2 J		0.61 UJ		14	
Hexachlorobutadiene	ug/m3	1.6 U		1.6 UJ		1.6 U	
Hexane	ug/m3	0.53 U		0.53 U		0.53 U	
Isooctane	ug/m3	0.7 U		0.7 U		0.7 U	
Methyl Tertbutyl Ether	ug/m3	0.54 U		0.54 U		0.54 U	
Methylene chloride	ug/m3	2		2.1		3.3	
Propylene	ug/m3	0.26 U		0.26 U		0.26 U	
Styrene	ug/m3	0.64 U		0.64 UJ		0.64 U	
Tetrachloroethene	ug/m3	1 U		1 UJ		8.6	
Tetrahydrofuran	ug/m3	0.44 U		0.44 U		0.44 U	
Toluene	ug/m3	3.7		3.2 J		150	
trans-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
trans-1,3-Dichloropropene	ug/m3	0.68 U		0.68 U		0.68 U	
Trichloroethene	ug/m3	0.81		1.1		120	
Trichlorofluoromethane	ug/m3	2.2		2		2.2	
Vinyl acetate	ug/m3	0.53 U		0.53 U		0.53 U	
Vinyl bromide	ug/m3	0.66 U		0.66 U		0.66 U	
Vinyl chloride	ug/m3	0.1 U		0.1 U		0.1 U	
Xylene, o	ug/m3	0.61 J		0.56 J		35 J	
Xylenes (m&p)	ug/m3	2.2		1.8 J		10	

Notes:
J = The reported concentration is considered an e
UJ = The target compound was not detected and
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ug/m3 = microgram per cubic meter
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DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Outside		Outside		P-005-01	
Field Sample Date		3/28/2016 00:00		3/29/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-AA-001-01		828076-AA-001-02		828076-IA-005-01	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.82	U	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	ug/m3	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	0.92	J	0.92	J	1.1	J
1,1,2-Trichloroethane	ug/m3	0.82	U	0.82	U	0.82	U
1,1-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	ug/m3	1.1	U	1.1	U	1.1	U
1,2,4-Trimethylbenzene	ug/m3	0.74	U	0.84		0.79	
1,2-Dibromoethane	ug/m3	1.2	U	1.2	U	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	U
1,2-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	ug/m3	0.69	U	0.69	U	0.69	U
1,3,5-Trimethylbenzene	ug/m3	0.74	U	0.74	U	0.74	U
1,3-Butadiene	ug/m3	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	U
1,4-Dichlorobenzene	ug/m3	0.9	U	0.9	U	0.9	U
1,4-Dioxane	ug/m3	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	ug/m3	0.8	J	0.68	J	4.7	
2-Hexanone	ug/m3	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	ug/m3	2.4		2.1		48	
4-Ethyltoluene	ug/m3	0.74	U	0.74	U	0.74	U
4-Methyl-2-pentanone	ug/m3	1.2	UJ	1.2	UJ	1.2	UJ
Acetone	ug/m3	18		16		23	
Allyl chloride	ug/m3	0.47	U	0.47	U	0.47	U
Benzene	ug/m3	0.42	J	0.54		1.4	
Benzyl chloride	ug/m3	0.86	U	0.86	U	0.86	U
Bromodichloromethane	ug/m3	1	U	1	U	1	U
Bromoform	ug/m3	1.6	U	1.6	U	1.6	U
Bromomethane	ug/m3	0.58	U	0.58	U	0.58	U
Carbon disulfide	ug/m3	0.47	U	0.47	U	1	
Carbon tetrachloride	ug/m3	0.88		0.82		0.94	
Chlorobenzene	ug/m3	0.69	U	0.69	U	0.69	U
Chloroethane	ug/m3	0.4	U	0.4	U	0.4	U
Chloroform	ug/m3	0.73	U	0.73	U	7.2	

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TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		Outside		Outside		P-005-01	
Field Sample Date		3/28/2016 00:00		3/29/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-AA-001-01		828076-AA-001-02		828076-IA-005-01	
Qc Code		FS		FS		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
Chloromethane	ug/m3	2.1		1.7		2	
Cis-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
Cis-1,3-Dichloropropene	ug/m3	0.68 U		0.68 U		0.68 U	
Cyclohexane	ug/m3	0.52 U		0.52 U		0.52 U	
Dibromochloromethane	ug/m3	1.3 U		1.3 U		1.3 U	
Dichlorodifluoromethane	ug/m3	4		4.1		5.1	
Ethyl acetate	ug/m3	0.9 U		0.9 U		0.58 J	
Ethylbenzene	ug/m3	0.65 U		0.65 U		0.65 U	
Heptane	ug/m3	0.61 U		0.61 U		0.61 U	
Hexachlorobutadiene	ug/m3	1.6 U		1.6 U		1.6 U	
Hexane	ug/m3	0.53 U		0.53 U		0.53 U	
Isooctane	ug/m3	0.7 U		0.7 U		0.7 U	
Methyl Tertbutyl Ether	ug/m3	0.54 U		0.54 U		0.54 U	
Methylene chloride	ug/m3	1.7		1.9		2.8	
Propylene	ug/m3	0.26 U		0.26 U		0.26 U	
Styrene	ug/m3	0.64 U		0.64 U		0.64 U	
Tetrachloroethene	ug/m3	1 U		1 U		3.4	
Tetrahydrofuran	ug/m3	0.44 U		0.44 U		0.44 U	
Toluene	ug/m3	0.72		0.6		1.1	
trans-1,2-Dichloroethene	ug/m3	0.59 U		0.59 U		0.59 U	
trans-1,3-Dichloropropene	ug/m3	0.68 U		0.68 U		0.68 U	
Trichloroethene	ug/m3	0.21 U		0.21 U		0.21 U	
Trichlorofluoromethane	ug/m3	2.2		2.2		2.5	
Vinyl acetate	ug/m3	0.53 U		0.53 U		0.53 U	
Vinyl bromide	ug/m3	0.66 U		0.66 U		0.66 U	
Vinyl chloride	ug/m3	0.1 U		0.1 U		0.1 U	
Xylene, o	ug/m3	0.65 U		0.65 U		0.65 U	
Xylenes (m&p)	ug/m3	1.3 U		0.56 J		0.87 J	

Notes:
J = The reported concentration is considered an e
UJ = The target compound was not detected and
U = The target compound was not detected above
ug/m3 = microgram per cubic meter
FS = Field Sample
FD = Field Duplicate

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DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		P-005-01		P-005-01		P-005-02	
Field Sample Date		3/28/2016 00:00		3/28/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-SS-005-01		828076-SS-005-01D		828076-IA-005-02	
Qc Code		FS		FD		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.82	UJ	0.82	UJ	0.82	U
1,1,2,2-Tetrachloroethane	ug/m3	1	UJ	1	UJ	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	1.5		1.4		1.1	J
1,1,2-Trichloroethane	ug/m3	0.82	UJ	0.82	UJ	0.82	U
1,1-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,1-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
1,2,4-Trichlorobenzene	ug/m3	1.1	UJ	1.1	UJ	1.1	U
1,2,4-Trimethylbenzene	ug/m3	93		100		0.74	U
1,2-Dibromoethane	ug/m3	1.2	UJ	1.2	UJ	1.2	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1	U	1	U	1	U
1,2-Dichlorobenzene	ug/m3	0.9	UJ	0.9	UJ	0.9	U
1,2-Dichloroethane	ug/m3	0.61	U	0.61	U	0.61	U
1,2-Dichloropropane	ug/m3	0.69	UJ	0.69	UJ	0.69	U
1,3,5-Trimethylbenzene	ug/m3	53		56		0.74	U
1,3-Butadiene	ug/m3	0.33	U	0.33	U	0.33	U
1,3-Dichlorobenzene	ug/m3	0.9	UJ	0.9	UJ	0.9	U
1,4-Dichlorobenzene	ug/m3	0.9	UJ	0.9	UJ	0.9	U
1,4-Dioxane	ug/m3	1.1	UJ	1.1	UJ	1.1	UJ
2-Butanone	ug/m3	0.88	UJ	180	J	1.1	
2-Hexanone	ug/m3	1.2	UJ	1.2	UJ	1.2	UJ
2-Propanol	ug/m3	50	J	0.37	UJ	5	
4-Ethyltoluene	ug/m3	15		14		0.74	U
4-Methyl-2-pentanone	ug/m3	39	J	39	J	1.2	UJ
Acetone	ug/m3	410		480		16	
Allyl chloride	ug/m3	0.47	U	0.47	U	0.47	U
Benzene	ug/m3	100		110		0.73	
Benzyl chloride	ug/m3	0.86	UJ	0.86	UJ	0.86	U
Bromodichloromethane	ug/m3	1	UJ	1	UJ	1	U
Bromoform	ug/m3	1.6	UJ	1.6	UJ	1.6	U
Bromomethane	ug/m3	0.58	U	0.58	U	0.58	U
Carbon disulfide	ug/m3	56		59		0.47	U
Carbon tetrachloride	ug/m3	0.94	UJ	0.94	UJ	0.94	
Chlorobenzene	ug/m3	0.69	UJ	0.69	UJ	0.69	U
Chloroethane	ug/m3	0.4	U	0.4	U	0.4	U
Chloroform	ug/m3	0.73	U	0.73	U	0.68	J

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DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083		C1603083		C1603083	
Location		P-005-01		P-005-01		P-005-02	
Field Sample Date		3/28/2016 00:00		3/28/2016 00:00		3/28/2016 00:00	
Field Sample ID		828076-SS-005-01		828076-SS-005-01D		828076-IA-005-02	
Qc Code		FS		FD		FS	
Analysis Method		TO-15		TO-15		TO-15	
Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
Chloromethane	ug/m3	0.31	U	0.31	U	1.8	
Cis-1,2-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
Cis-1,3-Dichloropropene	ug/m3	0.68	UJ	0.68	UJ	0.68	U
Cyclohexane	ug/m3	230		340		0.52	U
Dibromochloromethane	ug/m3	1.3	UJ	1.3	UJ	1.3	U
Dichlorodifluoromethane	ug/m3	0.74	UJ	3.2	J	4	
Ethyl acetate	ug/m3	2.1	J	0.9	UJ	0.9	U
Ethylbenzene	ug/m3	37		38		0.65	U
Heptane	ug/m3	340		360		0.61	U
Hexachlorobutadiene	ug/m3	1.6	UJ	1.6	UJ	1.6	U
Hexane	ug/m3	200		230		0.63	
Isooctane	ug/m3	0.7	UJ	0.7	UJ	0.7	U
Methyl Tertbutyl Ether	ug/m3	0.54	U	0.54	U	0.54	U
Methylene chloride	ug/m3	2.6		2.5		3	
Propylene	ug/m3	0.26	U	0.26	U	0.26	U
Styrene	ug/m3	0.64	UJ	0.64	UJ	0.64	U
Tetrachloroethene	ug/m3	76		85		1	U
Tetrahydrofuran	ug/m3	0.44	U	0.44	U	0.44	U
Toluene	ug/m3	240		270		0.57	
trans-1,2-Dichloroethene	ug/m3	0.59	U	0.59	U	0.59	U
trans-1,3-Dichloropropene	ug/m3	0.68	UJ	0.68	UJ	0.68	U
Trichloroethene	ug/m3	150		150		0.21	U
Trichlorofluoromethane	ug/m3	1.7		1.5		2.4	
Vinyl acetate	ug/m3	0.53	U	0.53	U	0.53	U
Vinyl bromide	ug/m3	0.66	U	0.66	U	0.66	U
Vinyl chloride	ug/m3	0.38	U	0.38	U	0.1	U
Xylene, o	ug/m3	77	J	78	J	0.65	U
Xylenes (m&p)	ug/m3	250		290		0.48	J

Notes:
J = The reported concentration is considered an e
UJ = The target compound was not detected and
U = The target compound was not detected above
ug/m3 = microgram per cubic meter
FS = Field Sample
FD = Field Duplicate

Created by: KMS
April 28, 2016
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April 28, 2016

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083	
Location		P-005-02	
Field Sample Date		3/28/2016 00:00	
Field Sample ID		828076-SS-005-02	
Qc Code		FS	
Analysis Method		TO-15	
Parameter	**Units**	Result	Qualifier
1,1,1-Trichloroethane	ug/m3	0.82	UJ
1,1,2,2-Tetrachloroethane	ug/m3	1	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	0.77	J
1,1,2-Trichloroethane	ug/m3	0.82	UJ
1,1-Dichloroethane	ug/m3	0.61	U
1,1-Dichloroethene	ug/m3	0.59	U
1,2,4-Trichlorobenzene	ug/m3	1.1	UJ
1,2,4-Trimethylbenzene	ug/m3	23	
1,2-Dibromoethane	ug/m3	1.2	UJ
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ug/m3	1	U
1,2-Dichlorobenzene	ug/m3	0.9	UJ
1,2-Dichloroethane	ug/m3	0.61	U
1,2-Dichloropropane	ug/m3	0.69	UJ
1,3,5-Trimethylbenzene	ug/m3	10	
1,3-Butadiene	ug/m3	0.33	U
1,3-Dichlorobenzene	ug/m3	0.9	UJ
1,4-Dichlorobenzene	ug/m3	0.9	UJ
1,4-Dioxane	ug/m3	1.1	UJ
2-Butanone	ug/m3	11	
2-Hexanone	ug/m3	1.2	UJ
2-Propanol	ug/m3	0.37	U
4-Ethyltoluene	ug/m3	3.1	J
4-Methyl-2-pentanone	ug/m3	1.8	J
Acetone	ug/m3	80	
Allyl chloride	ug/m3	0.47	U
Benzene	ug/m3	8.6	
Benzyl chloride	ug/m3	0.86	UJ
Bromodichloromethane	ug/m3	1	UJ
Bromoform	ug/m3	1.6	UJ
Bromomethane	ug/m3	0.58	U
Carbon disulfide	ug/m3	8.4	
Carbon tetrachloride	ug/m3	0.94	UJ
Chlorobenzene	ug/m3	0.69	UJ
Chloroethane	ug/m3	0.4	U
Chloroform	ug/m3	1.5	

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DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab Sample Delivery Group		C1603083	
Location		P-005-02	
Field Sample Date		3/28/2016 00:00	
Field Sample ID		828076-SS-005-02	
Qc Code		FS	
Analysis Method		TO-15	
Parameter	**Units**	Result	Qualifier
Chloromethane	ug/m3	0.31	U
Cis-1,2-Dichloroethene	ug/m3	0.63	
Cis-1,3-Dichloropropene	ug/m3	0.68	UJ
Cyclohexane	ug/m3	23	
Dibromochloromethane	ug/m3	1.3	UJ
Dichlorodifluoromethane	ug/m3	13	
Ethyl acetate	ug/m3	1.5	
Ethylbenzene	ug/m3	3.6	J
Heptane	ug/m3	28	
Hexachlorobutadiene	ug/m3	1.6	UJ
Hexane	ug/m3	18	
Isooctane	ug/m3	0.7	UJ
Methyl Tertbutyl Ether	ug/m3	0.54	U
Methylene chloride	ug/m3	2.1	
Propylene	ug/m3	0.26	U
Styrene	ug/m3	0.64	UJ
Tetrachloroethene	ug/m3	30	
Tetrahydrofuran	ug/m3	0.44	U
Toluene	ug/m3	18	
trans-1,2-Dichloroethene	ug/m3	0.59	U
trans-1,3-Dichloropropene	ug/m3	0.68	UJ
Trichloroethene	ug/m3	140	
Trichlorofluoromethane	ug/m3	1.6	
Vinyl acetate	ug/m3	0.53	U
Vinyl bromide	ug/m3	0.66	U
Vinyl chloride	ug/m3	0.38	U
Xylene, o	ug/m3	8.5	J
Xylenes (m&p)	ug/m3	28	

Notes:
J = The reported concentration is considered an e
UJ = The target compound was not detected and
U = The target compound was not detected above
ug/m3 = microgram per cubic meter
FS = Field Sample
FD = Field Duplicate

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April 28, 2016
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April 28, 2016

TABLE 3
SUMMARY OF QUALIFICATION ACTIONS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab SDG	Analysis Method	Lab Sample ID	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,1,1-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,1,2,2-Tetrachloroethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,1,2-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,2,4-Trichlorobenzene	1.1	U	1.1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,2-Dibromoethane	1.2	U	1.2	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,2-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,2-Dichloropropane	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,3-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,4-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	2-Butanone	0.88	U	0.88	UJ	FD	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	2-Hexanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	2-Propanol	50		50	J	FD	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	4-Methyl-2-pentanone	39		39	J	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Benzyl chloride	0.86	U	0.86	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Bromodichloromethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Bromoform	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Carbon tetrachloride	0.94	U	0.94	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Chlorobenzene	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Cis-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Dibromochloromethane	1.3	U	1.3	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Dichlorodifluoromethane	0.74	U	0.74	UJ	FD	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Ethyl acetate	2.1		2.1	J	FD	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Hexachlorobutadiene	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Isooctane	0.7	U	0.7	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Styrene	0.64	U	0.64	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	trans-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-001A	828076-SS-005-01	Xylene, o	77		77	J	LCS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,1,1-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,1,2,2-Tetrachloroethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,1,2-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,2,4-Trichlorobenzene	1.1	U	1.1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,2-Dibromoethane	1.2	U	1.2	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,2-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,2-Dichloropropane	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,3-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,4-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	2-Butanone	180		180	J	FD	ug/m3

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TABLE 3
SUMMARY OF QUALIFICATION ACTIONS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab SDG	Analysis Method	Lab Sample ID	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	2-Hexanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	2-Propanol	0.37	U	0.37	UJ	FD	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	4-Methyl-2-pentanone	39		39	J	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Benzyl chloride	0.86	U	0.86	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Bromodichloromethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Bromoform	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Carbon tetrachloride	0.94	U	0.94	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Chlorobenzene	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Cis-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Dibromochloromethane	1.3	U	1.3	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Dichlorodifluoromethane	3.2		3.2	J	FD	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Ethyl acetate	0.9	U	0.9	UJ	FD	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Hexachlorobutadiene	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Isooctane	0.7	U	0.7	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Styrene	0.64	U	0.64	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	trans-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-002A	828076-SS-005-01D	Xylene, o	78		78	J	LCS-H	ug/m3
C1603083	Method TO-15	C1603083-003A	828076-IA-005-01	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-003A	828076-IA-005-01	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-003A	828076-IA-005-01	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,1,1-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,1,2,2-Tetrachloroethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,1,2-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,2,4-Trichlorobenzene	1.1	U	1.1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,2-Dibromoethane	1.2	U	1.2	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,2-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,2-Dichloropropane	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,3-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,4-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	2-Hexanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	4-Ethyltoluene	3.1		3.1	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	4-Methyl-2-pentanone	1.8		1.8	J	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Benzyl chloride	0.86	U	0.86	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Bromodichloromethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Bromoform	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Carbon tetrachloride	0.94	U	0.94	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Chlorobenzene	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Cis-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3

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April 28, 2016
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TABLE 3
SUMMARY OF QUALIFICATION ACTIONS
DATA USABILITY SUMMARY REPORT
MARCH 2016 AIR SAMPLING EVENT
SCOBELL CHEMICAL SITE
BRIGHTON, NEW YORK

Lab SDG	Analysis Method	Lab Sample ID	Field Sample ID	Parameter	Lab Result	Lab Qualifier	Final Result	Final Qualifier	Val Reason Code	Units
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Dibromochloromethane	1.3	U	1.3	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Ethylbenzene	3.6		3.6	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Hexachlorobutadiene	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Isooctane	0.7	U	0.7	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Styrene	0.64	U	0.64	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	trans-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-004A	828076-SS-005-02	Xylene, o	8.5		8.5	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-005A	828076-IA-005-02	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-005A	828076-IA-005-02	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-005A	828076-IA-005-02	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-006A	828076-AA-005-02	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-006A	828076-AA-005-02	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-006A	828076-AA-005-02	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-007A	828076-IA-001-DOGGY DA CARE	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-007A	828076-IA-001-DOGGY DA CARE	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-007A	828076-IA-001-DOGGY DA CARE	4-Methyl-2-pentanone	0.45	J	0.45	J	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-008A	828076-IA-001-TRYON	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-008A	828076-IA-001-TRYON	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-008A	828076-IA-001-TRYON	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-008A	828076-IA-001-TRYON	Xylene, o	35		35	J	LCS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,1,2,2-Tetrachloroethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,2,4-Trichlorobenzene	1.1	U	1.1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,2,4-Trimethylbenzene	1.4		1.4	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,2-Dibromoethane	1.2	U	1.2	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,2-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,3,5-Trimethylbenzene	0.74	U	0.74	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,3-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,4-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	2-Hexanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	4-Ethyltoluene	0.49	J	0.49	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	4-Methyl-2-pentanone	0.66	J	0.66	J	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Benzyl chloride	0.86	U	0.86	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Bromoform	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Chlorobenzene	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Dibromochloromethane	1.3	U	1.3	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Ethylbenzene	0.65	U	0.65	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Hexachlorobutadiene	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Styrene	0.64	U	0.64	UJ	IS-H	ug/m3

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C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Tetrachloroethene	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Toluene	2.2		2.2	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Xylene, o	0.52	J	0.52	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-009A	828076-IA-001-BOXMAN	Xylenes (m&p)	2.4		2.4	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-010A	828076-IA-001-NSC	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L,FD	ug/m3
C1603083	Method TO-15	C1603083-010A	828076-IA-001-NSC	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-010A	828076-IA-001-NSC	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-010A	828076-IA-001-NSC	Heptane	2.2		2.2	J	FD	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,1,2,2-Tetrachloroethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,2,4-Trichlorobenzene	1.1	U	1.1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,2,4-Trimethylbenzene	1.1		1.1	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,2-Dibromoethane	1.2	U	1.2	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,2-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,3,5-Trimethylbenzene	0.74	U	0.74	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,3-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,4-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	1,4-Dioxane	2.8		2.8	J	LCS-L,FD	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	2-Hexanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	4-Ethyltoluene	0.74	U	0.74	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Benzyl chloride	0.86	U	0.86	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Bromoform	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Chlorobenzene	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Dibromochloromethane	1.3	U	1.3	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Ethylbenzene	0.52	J	0.52	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Heptane	0.61	U	0.61	UJ	FD	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Hexachlorobutadiene	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Styrene	0.64	U	0.64	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Tetrachloroethene	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Toluene	3.2		3.2	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Xylene, o	0.56	J	0.56	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-011A	828076-IA-001-NSCD	Xylenes (m&p)	1.8		1.8	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,1,1-Trichloroethane	11		11	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,1,2,2-Tetrachloroethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,1,2-Trichloroethane	0.82	U	0.82	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,2,4-Trichlorobenzene	1.1	U	1.1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,2,4-Trimethylbenzene	1.2		1.2	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,2-Dibromoethane	1.2	U	1.2	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,2-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3

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C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,2-Dichloropropane	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,3,5-Trimethylbenzene	1		1	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,3-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,4-Dichlorobenzene	0.9	U	0.9	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	2-Hexanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	4-Ethyltoluene	0.74	U	0.74	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L,IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Benzene	2.1		2.1	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Benzyl chloride	0.86	U	0.86	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Bromodichloromethane	1	U	1	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Bromoform	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Carbon tetrachloride	1.4		1.4	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Chlorobenzene	0.69	U	0.69	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Cis-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Cyclohexane	3.5		3.5	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Dibromochloromethane	1.3	U	1.3	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Ethylbenzene	0.43	J	0.43	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Heptane	2.4		2.4	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Hexachlorobutadiene	1.6	U	1.6	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Isooctane	0.7	U	0.7	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Styrene	0.64	U	0.64	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Toluene	5.3		5.3	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	trans-1,3-Dichloropropene	0.68	U	0.68	UJ	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Xylene, o	0.82		0.82	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-012A	828076-SS-001-01	Xylenes (m&p)	2		2	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-013A	828076-IA-001-CENTRAL	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-013A	828076-IA-001-CENTRAL	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-013A	828076-IA-001-CENTRAL	4-Methyl-2-pentanone	0.45	J	0.45	J	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-014A	828076-AA-001-01	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-014A	828076-AA-001-01	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-014A	828076-AA-001-01	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-015A	828076-IA-001-BCC	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-015A	828076-IA-001-BCC	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-015A	828076-IA-001-BCC	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-016A	828076-IA-004-GALLERY/OFFICE	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-016A	828076-IA-004-GALLERY/OFFICE	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-016A	828076-IA-004-GALLERY/OFFICE	4-Methyl-2-pentanone	0.9	J	0.9	J	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-017A	828076-IA-004-GLASS OVER AREA	1,2,4-Trimethylbenzene	13		13	J	IS-H	ug/m3

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Reviewed by: WAS
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C1603083	Method TO-15	C1603083-017A	828076-IA-004-GLASS OVER AREA	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-017A	828076-IA-004-GLASS OVER AREA	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-017A	828076-IA-004-GLASS OVER AREA	4-Methyl-2-pentanone	0.66	J	0.66	J	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-017A	828076-IA-004-GLASS OVER AREA	Toluene	8.3	-	8.3	J	IS-H	ug/m3
C1603083	Method TO-15	C1603083-018A	828076-IA-001-BASEMENT	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-018A	828076-IA-001-BASEMENT	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-018A	828076-IA-001-BASEMENT	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-019A	828076-AA-001-02	1,4-Dioxane	1.1	U	1.1	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-019A	828076-AA-001-02	2-Hexanone	1.2	U	1.2	UJ	LCS-L	ug/m3
C1603083	Method TO-15	C1603083-019A	828076-AA-001-02	4-Methyl-2-pentanone	1.2	U	1.2	UJ	LCS-L	ug/m3

Notes:
FD = Field duplicate limit exceeded
IS-H = Internal standard response above limit
LCS-H = LCS recovery high
LCS-L = LCS recovery low

Created by: KMS
April 28, 2016
Reviewed by: WAS
April 28, 2016

ATTACHMENT A
SUMMARY OF QC LIMITS

PARAMETER	QC TEST	ANALYTE	Air (%R)
Volatiles	Surrogate	All Surrogate Compounds	Lab Limits
	LCS	All Target Compounds	70 - 130

Notes:
LCS - Laboratory Control Sample
%R = percent recovery
QC Limits are based on USEPA Region II Data Validation Guidelines and Project QA/QC Objective

ATTACHMENT B

VOCs in Air

NYSDEC DUSR PROJECT CHEMIST REVIEW RECORD
Project: Scobell
Method : TO-15
Laboratory and SDG(s): Centek **SDG#** C1603083
Date: 4-20-16
Reviewer: Willie Stone
Review Level [X] NYSDEC DUSR USEPA Region II Guideline

Control limits are from EPA Region 2 - SOP# HW-31, October 2006.

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
   Were problems noted? yes
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)
2. [✓] **Holding time and Sample Collection**
   All samples were analyzed within the 30 day holding time. (YES) NO (circle one)
3. [✓] **QC Blanks** (use 5x rule for calculating action levels)
   Are method blanks free of contamination? (YES) NO (circle one)

   Are Trip blanks free of contamination? (YES) NO (circle one)
4. [✓] **Instrument Tuning**
   Were all results were within method criteria. (YES) NO (circle one)
5. [✓] **Instrument Calibration - Data Package Narrative review.**
   Did the laboratory narrative identify compounds that were outside of method criteria in the initial calibration and/or continuing calibration standards? (YES) NO Treating

   Did the laboratory qualify results based on initial or continuing calibration exceedances? YES (NO) NA
6. [✓] **Internal Standards** (Area Limits = +40% to -40%, RT's within 20 seconds of mid point cal Std)
   Were all results within criteria? YES (NO) (circle one) See attached
7. [✓] **Surrogate Recovery**

   Were all results were within laboratory limits? (YES) NO (circle one)
8. [✓] **Field Duplicates/replicates**
   Were Field Duplicates submitted/analyzed? (YES) NO

   Were all results were within criteria (Field Dup RPD goal = 50). YES (NO) NA (circle one) See attached
9. [✓] **Laboratory Control Sample Results** (limits 70-130%)

   Were all results were within limits? YES (NO) (circle one) See attached
10. [✓] **Raw Data Review and Calculation Checks** Treating LCSD as individual LCS ran 10hrs after LCS
    All ok - see attached
11. [✓] **Electronic Data Review and Edits**
    Does the EDD match the Form I's? (YES) NO (circle one)
12. [✓] **TIC Review** and DUSR **Table 1** (sample Listing), **Table 2** (results summary), **Table 3** (Reason Codes), **Table 4** (TIC's). Did lab report TICs? YES (NO) (circle one)

Centek Laboratories, LLC

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\AN040503.D
Tune Time : 5 Apr 2016 8:27 am

Daily Calibration File : C:\HPCHEM\1\DATA\AN040503.D

			(BFB)	(IS1)	(IS2)	(IS3)
				20057	42537	25975
File	Sample	DL	Surrogate Recovery %	Internal Standard Responses		
AN040504.D	ALCS1UG-040516	113		20720	47509	29998
AN040505.D	AMB1UG-040516	89		21071	45198	35406
AN040511.D	C1603083-003A	97		15346	37271	32291
AN040512.D	C1603083-005A	89		16115	37764	35858
AN040519.D	ALCS1UGD-040517	118		21949	48349	35268
AN040520.D	C1603083-006A	93		17523	42225	34900
AN040521.D	C1603083-007A	115		18176	44419	36144
AN040522.D	C1603083-008A	107		19490	49512	38844
AN040523.D	C1603083-009A	117		20710	52448	38936* IS-H
AN040524.D	C1603083-010A	108		18550	45236	35372
AN040525.D	C1603083-011A	109		19546	49388	37347* IS-H
AN040526.D	C1603083-013A	109		18110	44434	35428
AN040527.D	C1603083-014A	109		18331	42823	33125
AN040528.D	C1603083-015A	112		17373	43277	33307
AN040529.D	C1603083-016A	124		18968	44583	35433
AN040530.D	C1603083-017A	128		19811	49321	35361
AN040531.D	C1603083-018A	147*		20202	51874	34746
AN040532.D	C1603083-019A	116		19013	46340	35791
AN040533.D	C1603083-001A	120		22334	67500*	43670*
AN040534.D	C1603083-002A	116		27592	86694*	48428* IS-H
AN040535.D	C1603083-004A	127		28062	82104*	53516*
AN040536.D	C1603083-012A	127		27994	77952*	57785*
AN040537.D	C1603083-017A 10x	92		26778	64526*	61247*

t - fails 24hr time check * - fails criteria

Created: Mon Apr 18 17:35:30 2016 MSD #1/

Qual associated results J/UJ

CENTEK LABORATORIES, LLC

Date: *18-Apr-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UGD-040517 SampType: LCSD TestCode: 0.25CT-TCE- Units: ppbV Prep Date: RunNo: 10845
Client ID: ZZZZZ Batch ID: R10845 TestNo: TO-15 Analysis Date: 4/5/2016 SeqNo: 127381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.250	0.15	1	0	125	70	130	1.22	2.43	30	
1,1,2,2-Tetrachloroethane	1.290	0.15	1	0	129	70	130	1.26	2.35	30	
1,1,2-Trichloroethane	1.210	0.15	1	0	121	70	130	1.1	9.52	30	
1,1-Dichloroethane	0.9800	0.15	1	0	98.0	70	130	1.02	4.00	30	
1,1-Dichloroethene	1.060	0.15	1	0	106	70	130	1.14	7.27	30	
1,2,4-Trichlorobenzene	0.9800	0.15	1	0	98.0	70	130	1.26	25.0	30	
1,2,4-Trimethylbenzene	1.130	0.15	1	0	113	70	130	1	12.2	30	
1,2-Dibromoethane	1.260	0.15	1	0	126	70	130	1.16	8.26	30	
1,2-Dichlorobenzene	1.200	0.15	1	0	120	70	130	1.23	2.47	30	
1,2-Dichloroethane	0.9300	0.15	1	0	93.0	70	130	0.94	1.07	30	
1,2-Dichloropropane	1.160	0.15	1	0	116	70	130	1.12	3.51	30	
1,3,5-Trimethylbenzene	1.270	0.15	1	0	127	70	130	1.16	9.05	30	
1,3-butadiene	1.150	0.15	1	0	115	70	130	1.15	0	30	
1,3-Dichlorobenzene	1.200	0.15	1	0	120	70	130	1.26	4.88	30	
1,4-Dichlorobenzene	1.060	0.15	1	0	106	70	130	1.21	13.2	30	
1,4-Dioxane	0.5600	0.30	1	0	56.0	70	130	1.06	66.6	30	SR LCS-L Qual plus
2,2,4-trimethylpentane	1.300	0.15	1	0	130	70	130	1.26	3.12	30	
4-ethyltoluene	1.000	0.15	1	0	100	70	130	1.05	4.88	30	
Acetone	1.090	0.30	1	0	109	70	130	1.18	7.93	30	
Allyl chloride	0.9400	0.15	1	0	94.0	70	130	0.92	2.15	30	
Benzene	1.140	0.15	1	0	114	70	130	1.13	0.881	30	
Benzyl chloride	0.9800	0.15	1	0	98.0	70	130	1.18	18.5	30	
Bromodichloromethane	1.280	0.15	1	0	128	70	130	1.26	1.57	30	
Bromoform	2.390	0.15	1	0	239	70	130	2.38	0.419	30	S LCS-H no qual
Bromomethane	1.270	0.15	1	0	127	70	130	1.09	15.3	30	

Qualifiers:
- `-` Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

WO3
4-20-16

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Seobell

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-040617	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10845
Client ID: ZZZZZ	Batch ID: R10845	TestNo: TO-15		Analysis Date: 4/5/2016	SeqNo: 127381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.010	0.15	1	0	101	70	130	1.04	2.93	30	
Carbon tetrachloride	1.280	0.040	1	0	128	70	130	1.28	0	30	
Chlorobenzene	1.170	0.15	1	0	117	70	130	1.15	1.72	30	
Chloroethane	1.250	0.15	1	0	125	70	130	1.15	8.33	30	
Chloroform	0.9300	0.15	1	0	93.0	70	130	0.99	6.25	30	
Chloromethane	1.250	0.15	1	0	125	70	130	1.25	0	30	
cis-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130	0.95	1.06	30	
cis-1,3-Dichloropropene	1.290	0.15	1	0	129	70	130	1.15	11.5	30	
Cyclohexane	1.210	0.15	1	0	121	70	130	1.23	1.64	30	
Dibromochloromethane	1.180	0.15	1	0	118	70	130	1.23	4.15	30	
Ethyl acetate	1.000	0.25	1	0	100	70	130	0.94	6.19	30	
Ethylbenzene	1.110	0.15	1	0	111	70	130	0.96	14.5	30	
Freon 11	1.170	0.15	1	0	117	70	130	1.24	5.81	30	
Freon 113	1.190	0.15	1	0	119	70	130	1.23	3.31	30	
Freon 114	1.230	0.15	1	0	123	70	130	1.27	3.20	30	
Freon 12	1.180	0.15	1	0	118	70	130	1.2	1.68	30	
Heptane	1.030	0.15	1	0	103	70	130	0.97	6.00	30	
Hexachloro-1,3-butadiene	1.360	0.15	1	0	136	70	130	2.16	46.2	30	SR LCS-H no Qual
Hexane	0.8400	0.15	1	0	84.0	70	130	0.86	2.35	30	
Isopropyl alcohol	0.8500	0.15	1	0	85.0	70	130	1.01	17.2	30	
m&p-Xylene	2.130	0.30	2	0	106	70	130	1.88	12.5	30	
Methyl Butyl Ketone	0.4400	0.30	1	0	44.0	70	130	0.71	47.0	30	SR LCS-L
Methyl Ethyl Ketone	0.9800	0.30	1	0	98.0	70	130	0.98	10.8	30	
Methyl Isobutyl Ketone	0.4500	0.30	1	0	45.0	70	130	0.94	70.5	30	SR LCS-L
Methyl tert-butyl ether	0.9700	0.15	1	0	97.0	70	130	0.96	1.04	30	Qual J NJ
Methylene chloride	1.160	0.15	1	0	116	70	130	1.17	0.858	30	
o-Xylene	1.210	0.15	1	0	121	70	130	1.19	1.67	30	
Propylene	1.200	0.15	1	0	120	70	130	1.05	13.3	30	
Styrene	1.190	0.15	1	0	119	70	130	1.09	8.77	30	
Tetrachloroethylene	0.8900	0.15	1	0	89.0	70	130	0.91	2.22	30	
Tetrahydrofuran	0.9900	0.15	1	0	99.0	70	130	0.9	9.52	30	

Qualifiers:
- `-` Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

LCS 4-20-16

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Seabell

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UGD-040517	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10845
Client ID: ZZZZZ	Batch ID: R10845	TestNo: TO-15		Analysis Date: 4/5/2016	SeqNo: 127381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.8400	0.15	1	0	84.0	70	130	0.82	2.41	30	
trans-1,2-Dichloroethene	1.000	0.15	1	0	100	70	130	1.01	0.995	30	
trans-1,3-Dichloropropene	1.210	0.15	1	0	121	70	130	1.16	4.22	30	
Trichloroethene	1.160	0.040	1	0	116	70	130	1.11	4.41	30	
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130	0.85	0	30	
Vinyl Bromide	1.100	0.15	1	0	110	70	130	1.17	6.17	30	
Vinyl chloride	1.130	0.040	1	0	113	70	130	1.09	3.60	30	
Surr: Bromofluorobenzene	1.180	0	1	0	118	70	130	0	0	30	

Sample ID ALCS1UGD-040616	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10846
Client ID: ZZZZZ	Batch ID: R10846	TestNo: TO-15		Analysis Date: 4/6/2016	SeqNo: 127407

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.410	0.15	1	0	141	70	130	1.27	10.4	30	S
1,1,2,2-Tetrachloroethane	1.190	0.15	1	0	119	70	130	1.32	10.4	30	
1,1,2-Trichloroethane	1.450	0.15	1	0	145	70	130	1.26	14.0	30	S
1,1-Dichloroethane	0.9900	0.15	1	0	99.0	70	130	0.99	0	30	
1,1-Dichloroethene	0.9700	0.15	1	0	97.0	70	130	0.99	2.04	30	
1,2,4-Trichlorobenzene	0.7100	0.15	1	0	71.0	70	130	0.86	19.1	30	
1,2,4-Trimethylbenzene	1.010	0.15	1	0	101	70	130	1.13	11.2	30	
1,2-Dibromoethane	1.170	0.15	1	0	117	70	130	1.19	1.69	30	
1,2-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.25	14.6	30	
1,2-Dichloroethane	0.9600	0.15	1	0	96.0	70	130	0.92	4.26	30	
1,2-Dichloropropane	1.290	0.15	1	0	129	70	130	1.2	7.23	30	
1,3,5-Trimethylbenzene	1.200	0.15	1	0	120	70	130	1.27	5.67	30	
1,3-butadiene	1.070	0.15	1	0	107	70	130	1.1	2.76	30	
1,3-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.19	9.69	30	
1,4-Dichlorobenzene	0.9200	0.15	1	0	92.0	70	130	1.02	10.3	30	
1,4-Dioxane	0.5200	0.30	1	0	52.0	70	130	1.1	71.8	30	SR
2,2,4-trimethylpentane	1.410	0.15	1	0	141	70	130	1.28	9.67	30	S

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UGD-040616 SampType: LCSD TestCode: 0.25CT-TCE- Units: ppbV Prep Date: RunNo: 10846
Client ID: ZZZZZ Batch ID: R10846 TestNo: TO-15 Analysis Date: 4/6/2016 SeqNo: 127407

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-ethyltoluene	1.060	0.15	1	0	106	70	130	1.14	7.27	30	
Acetone	1.270	0.30	1	0	127	70	130	1.17	8.20	30	
Allyl chloride	0.9300	0.15	1	0	93.0	70	130	0.93	0	30	
Benzene	1.220	0.15	1	0	122	70	130	1.14	6.78	30	
Benzyl chloride	0.8300	0.15	1	0	83.0	70	130	1.06	24.3	30	
Bromodichloromethane	1.240	0.15	1	0	124	70	130	1.25	0.803	30	
Bromoform	2.340	0.15	1	0	234	70	130	2.23	4.81	30	S LCS-H
Bromomethane	1.130	0.15	1	0	113	70	130	1.1	2.69	30	
Carbon disulfide	1.010	0.15	1	0	101	70	130	0.99	2.00	30	
Carbon tetrachloride	1.390	0.040	1	0	139	70	130	1.27	9.02	30	S LCS-H
Chlorobenzene	1.050	0.15	1	0	105	70	130	1.09	3.74	30	
Chloroethane	1.240	0.15	1	0	124	70	130	1.18	4.96	30	
Chloroform	0.9900	0.15	1	0	99.0	70	130	0.94	5.18	30	
Chloromethane	1.240	0.15	1	0	124	70	130	1.17	5.81	30	
cis-1,2-Dichloroethene	0.9300	0.15	1	0	93.0	70	130	0.94	1.07	30	
cis-1,3-Dichloropropene	1.220	0.15	1	0	122	70	130	1.25	2.43	30	
Cyclohexane	1.230	0.15	1	0	123	70	130	1.21	1.64	30	
Dibromochloromethane	1.140	0.15	1	0	114	70	130	1.16	1.74	30	
Ethyl acetate	0.9600	0.25	1	0	96.0	70	130	1.03	7.04	30	
Ethylbenzene	1.000	0.15	1	0	100	70	130	0.98	2.02	30	
Freon 11	1.260	0.15	1	0	126	70	130	1.16	8.26	30	
Freon 113	1.220	0.15	1	0	122	70	130	1.15	5.91	30	
Freon 114	1.260	0.15	1	0	126	70	130	1.18	6.56	30	
Freon 12	1.190	0.15	1	0	119	70	130	1.1	7.86	30	
Heptane	1.090	0.15	1	0	109	70	130	1.02	6.64	30	
Hexachloro-1,3-butadiene	1.200	0.15	1	0	120	70	130	1.66	32.2	30	R
Hexane	0.7900	0.15	1	0	79.0	70	130	0.83	4.94	30	
Isopropyl alcohol	0.8300	0.15	1	0	83.0	70	130	1.02	20.5	30	
m&p-Xylene	2.020	0.30	2	0	101	70	130	1.95	3.53	30	
Methyl Butyl Ketone	0.2000	0.30	1	0	20.0	70	130	0.76	0	30	JS LCS-L
Methyl Ethyl Ketone	0.8200	0.30	1	0	82.0	70	130	0.91	10.4	30	

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

LCS-H) NO qual
LCS-H
LCS-L Qual TJVS

W-S 4-20-16

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID ALCS1UGD-040616	SampType: LCSD	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10846
Client ID: ZZZZZ	Batch ID: R10846	TestNo: TO-15		Analysis Date: 4/6/2016	SeqNo: 127407

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl isobutyl Ketone	0.2600	0.30	1	0	26.0	70	130	0.82	0	30	JS
Methyl tert-butyl ether	0.9200	0.15	1	0	92.0	70	130	0.96	4.26	30	
Methylene chloride	1.140	0.15	1	0	114	70	130	1.12	1.77	30	
o-Xylene	1.440	0.15	1	0	144	70	130	1.25	14.1	30	S
Propylene	1.060	0.15	1	0	106	70	130	1.05	0.948	30	
Styrene	1.110	0.15	1	0	111	70	130	1.08	2.74	30	
Tetrachloroethylene	0.7800	0.15	1	0	78.0	70	130	0.78	0	30	
Tetrahydrofuran	0.8900	0.15	1	0	89.0	70	130	0.96	7.57	30	
Toluene	0.7000	0.15	1	0	70.0	70	130	0.72	2.82	30	
trans-1,2-Dichloroethene	0.9900	0.15	1	0	99.0	70	130	0.99	0	30	
trans-1,3-Dichloropropene	1.190	0.15	1	0	119	70	130	1.31	9.60	30	
Trichloroethene	1.240	0.040	1	0	124	70	130	1.12	10.2	30	
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130	0.9	5.71	30	
Vinyl Bromide	1.240	0.15	1	0	124	70	130	1.11	11.1	30	
Vinyl chloride	1.110	0.040	1	0	111	70	130	1.05	5.56	30	
Surr: Bromofluorobenzene	1.060	0	1	0	106	70	130	0	0	30	

LCS-H
qual detections
J

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

WCS
4-22-16

Analyte	PCE			
Level	Standard Concs	IS Response	Respone	RF
1	0.04	61413	2411	0.98147
2	0.1	65714	4679	0.712025
3	0.15	62434	5857	0.625407
4	0.3	63070	11766	0.621849
5	0.5	67747	19835	0.585561
6	0.75	64493	28969	0.598907
7	1	61333	37193	0.606411
8	1.25	66689	47939	0.575075
9	1.5	71425	62278	0.58129
10	2	65204	77730	0.596052

IS Conc =	1
Ave RF =	0.648404779
stan dev =	0.12337793
RSD =	19.02791809

Sample ID	IS Response	Response	On-column
CCV	25975	16806	0.99784387
C163083-1	43670	357310	12.6187336
-3	32291	10395	0.49647432
-4	53516	170415	4.91109083
-8	35844	29514	1.26988793
LCS 4/5 909	29998	17733	0.91168268
LCS 4/6 1043	36898	18617	0.77814524

CENTEK LABORATORIES, LLC

Date: *18-Apr-16*

ANALYTICAL QC SUMMARY REPORT

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-040516 SampType: LCS TestCode: 0.25CT-TCE- Units: ppbV Prep Date: RunNo: 10845
Client ID: ZZZZZ Batch ID: R10845 TestNo: TO-15 Analysis Date: 4/5/2016 SeqNo: 127380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.220	0.15	1	0	122	70	130				
1,1,2,2-Tetrachloroethane	1.260	0.15	1	0	126	70	130				
1,1,2-Trichloroethane	1.100	0.15	1	0	110	70	130				
1,1-Dichloroethane	1.020	0.15	1	0	102	70	130				
1,1-Dichloroethene	1.140	0.15	1	0	114	70	130				
1,2,4-Trichlorobenzene	1.260	0.15	1	0	126	70	130				
1,2,4-Trimethylbenzene	1.000	0.15	1	0	100	70	130				
1,2-Dibromoethane	1.160	0.15	1	0	116	70	130				
1,2-Dichlorobenzene	1.230	0.15	1	0	123	70	130				
1,2-Dichloroethane	0.9400	0.15	1	0	94.0	70	130				
1,2-Dichloropropane	1.120	0.15	1	0	112	70	130				
1,3,5-Trimethylbenzene	1.160	0.15	1	0	116	70	130				
1,3-butadiene	1.150	0.15	1	0	115	70	130				
1,3-Dichlorobenzene	1.260	0.15	1	0	126	70	130				
1,4-Dichlorobenzene	1.210	0.15	1	0	121	70	130				
1,4-Dioxane	1.060	0.30	1	0	106	70	130				
2,2,4-trimethylpentane	1.260	0.15	1	0	126	70	130				
4-ethyltoluene	1.050	0.15	1	0	105	70	130				
Acetone	1.180	0.30	1	0	118	70	130				
Allyl chloride	0.9200	0.15	1	0	92.0	70	130				
Benzene	1.130	0.15	1	0	113	70	130				
Benzyl chloride	1.180	0.15	1	0	118	70	130				
Bromodichloromethane	1.260	0.15	1	0	126	70	130				
Bromoform	2.380	0.15	1	0	238	70	130				
Bromomethane	1.090	0.15	1	0	109	70	130				

8 LCS-it
no qual

Qualifiers:
- , Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-040516	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10845
Client ID: ZZZZZ	Batch ID: R10845	TestNo: TO-15		Analysis Date: 4/5/2016	SeqNo: 127380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	1.040	0.15	1	0	104	70	130				
Carbon tetrachloride	1.280	0.040	1	0	128	70	130				
Chlorobenzene	1.150	0.15	1	0	115	70	130				
Chloroethane	1.150	0.15	1	0	115	70	130				
Chloroform	0.9900	0.15	1	0	99.0	70	130				
Chloromethane	1.250	0.15	1	0	125	70	130				
cis-1,2-Dichloroethene	0.9500	0.15	1	0	95.0	70	130				
cis-1,3-Dichloropropene	1.150	0.15	1	0	115	70	130				
Cyclohexane	1.230	0.15	1	0	123	70	130				
Dibromochloromethane	1.230	0.15	1	0	123	70	130				
Ethyl acetate	0.9400	0.25	1	0	94.0	70	130				
Ethylbenzene	0.9600	0.15	1	0	96.0	70	130				
Freon 11	1.240	0.15	1	0	124	70	130				
Freon 113	1.230	0.15	1	0	123	70	130				
Freon 114	1.270	0.15	1	0	127	70	130				
Freon 12	1.200	0.15	1	0	120	70	130				
Heptane	0.9700	0.15	1	0	97.0	70	130				
Hexachloro-1,3-butadiene	2.160	0.15	1	0	216	70	130				S
Hexane	0.8500	0.15	1	0	85.0	70	130				
Isopropyl alcohol	1.010	0.15	1	0	101	70	130				
m&p-Xylene	1.880	0.30	2	0	94.0	70	130				
Methyl Butyl Ketone	0.7100	0.30	1	0	71.0	70	130				
Methyl Ethyl Ketone	0.9800	0.30	1	0	98.0	70	130				
Methyl Isobutyl Ketone	0.9400	0.30	1	0	94.0	70	130				
Methyl tert-butyl ether	0.9600	0.15	1	0	96.0	70	130				
Methylene chloride	1.170	0.15	1	0	117	70	130				
o-Xylene	1.190	0.15	1	0	119	70	130				
Propylene	1.050	0.15	1	0	105	70	130				
Styrene	1.090	0.15	1	0	109	70	130				
Tetrachloroethylene	0.9100	0.15	1	0	91.0	70	130				
Tetrahydrofuran	0.9600	0.15	1	0	96.0	70	130				

S LCS-4 no qual

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-040516	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10845
Client ID: ZZZZZ	Batch ID: R10845	TestNo: TO-15		Analysis Date: 4/5/2016	SeqNo: 127380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	0.8200	0.15	1	0	82.0	70	130				
trans-1,2-Dichloroethene	1.010	0.15	1	0	101	70	130				
trans-1,3-Dichloropropene	1.160	0.15	1	0	116	70	130				
Trichloroethene	1.110	0.040	1	0	111	70	130				
Vinyl acetate	0.8500	0.15	1	0	85.0	70	130				
Vinyl Bromide	1.170	0.15	1	0	117	70	130				
Vinyl chloride	1.090	0.040	1	0	109	70	130				
Surr: Bromofluorobenzene	1.130	0	1	0	113	70	130				

Sample ID: ALCS1UG-040616	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10846
Client ID: ZZZZZ	Batch ID: R10846	TestNo: TO-15		Analysis Date: 4/6/2016	SeqNo: 127406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.270	0.15	1	0	127	70	130				
1,1,2,2-Tetrachloroethane	1.320	0.15	1	0	132	70	130				S
1,1,2-Trichloroethane	1.260	0.15	1	0	126	70	130				
1,1-Dichloroethane	0.9900	0.15	1	0	99.0	70	130				
1,1-Dichloroethene	0.9900	0.15	1	0	99.0	70	130				
1,2,4-Trichlorobenzene	0.8600	0.15	1	0	86.0	70	130				
1,2,4-Trimethylbenzene	1.130	0.15	1	0	113	70	130				
1,2-Dibromoethane	1.190	0.15	1	0	119	70	130				
1,2-Dichlorobenzene	1.250	0.15	1	0	125	70	130				
1,2-Dichloroethane	0.9200	0.15	1	0	92.0	70	130				
1,2-Dichloropropane	1.200	0.15	1	0	120	70	130				
1,3,5-Trimethylbenzene	1.270	0.15	1	0	127	70	130				
1,3-butadiene	1.100	0.15	1	0	110	70	130				
1,3-Dichlorobenzene	1.190	0.15	1	0	119	70	130				
1,4-Dichlorobenzene	1.020	0.15	1	0	102	70	130				
1,4-Dioxane	1.100	0.30	1	0	110	70	130				
2,2,4-trimethylpentane	1.280	0.15	1	0	128	70	130				

S LCS-H no qual

Qualifiers:
- . Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Scobell

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-040615	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10846
Client ID: ZZZZZ	Batch ID: R10846	TestNo: TO-15		Analysis Date: 4/6/2015	SeqNo: 127406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-ethyltoluene	1.140	0.15	1	0	114	70	130				
Acetone	1.170	0.30	1	0	117	70	130				
Allyl chloride	0.9300	0.15	1	0	93.0	70	130				
Benzene	1.140	0.15	1	0	114	70	130				
Benzyl chloride	1.060	0.15	1	0	106	70	130				
Bromodichloromethane	1.250	0.15	1	0	125	70	130				
Bromoform	2.230	0.15	1	0	223	70	130				S LCS-H nogul
Bromomethane	1.100	0.15	1	0	110	70	130				
Carbon disulfide	0.9900	0.15	1	0	99.0	70	130				
Carbon tetrachloride	1.270	0.040	1	0	127	70	130				
Chlorobenzene	1.090	0.15	1	0	109	70	130				
Chloroethane	1.180	0.15	1	0	118	70	130				
Chloroform	0.9400	0.15	1	0	94.0	70	130				
Chloromethane	1.170	0.15	1	0	117	70	130				
cis-1,2-Dichloroethene	0.9400	0.15	1	0	94.0	70	130				
cis-1,3-Dichloropropene	1.250	0.15	1	0	125	70	130				
Cyclohexane	1.210	0.15	1	0	121	70	130				
Dibromochloromethane	1.160	0.15	1	0	116	70	130				
Ethyl acetate	1.030	0.25	1	0	103	70	130				
Ethylbenzene	0.9800	0.15	1	0	98.0	70	130				
Freon 11	1.160	0.15	1	0	116	70	130				
Freon 113	1.150	0.15	1	0	115	70	130				
Freon 114	1.180	0.15	1	0	118	70	130				
Freon 12	1.100	0.15	1	0	110	70	130				
Heptane	1.020	0.15	1	0	102	70	130				
Hexachloro-1,3-butadiene	1.660	0.15	1	0	166	70	130				S LCS-H nogul
Hexane	0.8300	0.15	1	0	83.0	70	130				
Isopropyl alcohol	1.020	0.15	1	0	102	70	130				
m&p-Xylene	1.950	0.30	2	0	97.5	70	130				
Methyl Butyl Ketone	0.7600	0.30	1	0	76.0	70	130				
Methyl Ethyl Ketone	0.9100	0.30	1	0	91.0	70	130				

Qualifiers:
- `*` Results reported are not blank corrected
- J Analyte detected at or below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits

CLIENT: AMEC Environment & Infrastructure, Inc.
Work Order: C1603083
Project: Seobelt

TestCode: 0.25CT-TCE-VC

Sample ID: ALCS1UG-040615	SampType: LCS	TestCode: 0.25CT-TCE-	Units: ppbV	Prep Date:	RunNo: 10846
Client ID: ZZZZZ	Batch ID: R10846	TestNo: TO-15		Analysis Date: 4/6/2015	SeqNo: 127406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl Isobutyl Ketone	0.8200	0.30	1	0	82.0	70	130				
Methyl tert-butyl ether	0.9600	0.15	1	0	96.0	70	130				
Methylene chloride	1.120	0.15	1	0	112	70	130				
o-Xylene	1.250	0.15	1	0	125	70	130				
Propylene	1.050	0.15	1	0	105	70	130				
Styrene	1.080	0.15	1	0	108	70	130				
Tetrachloroethylene	0.7800	0.15	1	0	78.0	70	130				
Tetrahydrofuran	0.9600	0.15	1	0	96.0	70	130				
Toluene	0.7200	0.15	1	0	72.0	70	130				
trans-1,2-Dichloroethene	0.9900	0.15	1	0	99.0	70	130				
trans-1,3-Dichloropropene	1.310	0.15	1	0	131	70	130				S LCS-H
Trichloroethene	1.120	0.040	1	0	112	70	130				no qual
Vinyl acetate	0.9000	0.15	1	0	90.0	70	130				
Vinyl Bromide	1.110	0.15	1	0	111	70	130				
Vinyl chloride	1.050	0.040	1	0	105	70	130				
Sur: Bromofluorobenzene	1.130	0	1	0	113	70	130				

Qualifiers:
. Results reported are not blank corrected
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

Analyte		PCE			
Level		Standard Concs	IS Response	Respone	RF
	1	0.04	61413	2411	0.98147
	2	0.1	65714	4679	0.712025
	3	0.15	62434	5857	0.625407
	4	0.3	63070	11766	0.621849
	5	0.5	67747	19835	0.585561
	6	0.75	64493	28969	0.598907
	7	1	61333	37193	0.606411
	8	1.25	66689	47939	0.575075
	9	1.5	71425	62278	0.58129
	10	2	65204	77730	0.596052

IS Conc =	1
Ave RF =	0.648404779
stan dev =	0.12337793
RSD =	19.02791809
Molecular Weight	165.83

Sample ID		IS Response	Response	On-column (ppbv)	ug/m3
CCV		25975	16806	0.99784387	
C1603083-1		43670	357310	12.6187336	85.76084
	-3	32291	10395	0.49647432	3.374194
	-4	53516	170415	4.91109083	33.3773
	-8	35844	29514	1.26988793	8.630554
LCS 4/5 909		29998	17733	0.91168268	
LCS 4/6 1043		36898	18617	0.77814524	

Sample ID	828076-SS-005-01 (C1603083-1/2)			Qual
Compund	Result	Dup	RPD	
1,2,4-tmb	19	21	-10.00	
1,3,5-tmb	11	11	0.00	
4-ethyltoluene	3.2	2.9	9.84	
acetone	170	200	-16.22	
benzene	32	36	-11.76	
carbon disulfide	18	19	-5.41	
cyclohexane	66	98	-39.02	
ethyl acetate	0.59	0	200.00	J/UJ
ethylbenzene	8.5	8.6	-1.17	
freon 11	0.31	0.27	13.79	
freon 113	0.19	0.18	5.41	
heptane	84	87	-3.51	
hexane	57	67	-16.13	
isopropyl alc	20	0	200.00	J/UJ
m+p	58	68	-15.87	
methyl isobutyl ketone	9.4	9.4	0.00	
mecl2	0.76	0.71	6.80	
o-xylene	16	18	-11.76	
tetrachloroethylene	11	13	-16.67	
toluene	65	73	-11.59	
tce	27	29	-7.14	
freon 12	0	0.65	-200.00	J/UJ
methyl ethyl ketone	0	59	-200.00	J/UJ

Sample ID	828076-IA-001-NSC			Qual
Compund	Result	Dup	RPD	
1,2,4-tmb	0.21	0.22	-4.65	
actone	9.5	12	-23.26	
benzene	0.2	0.18	10.53	
carbon tetrachloride	0.14	0.13	7.41	
chloromethane	1.2	0.99	19.18	
ethylbenzene	0.13	0.12	8.00	
freon 11	0.39	0.36	8.00	
freon 113	0.11	0.11	0.00	
freon 12	0.81	0.73	10.39	
heptane	0.54	0	200.00	J/UJ
ipa	8	13	-47.62	
m+p	0.5	0.42	17.39	
methyl ethyl ketone	0.87	0.63	32.00	
mecl2	0.58	0.6	-3.39	
o-sylene	0.14	0.13	7.41	
toluene	0.97	0.85	13.19	
tce	0.15	0.2	-28.57	
1,4-dioxane	0	0.77	-200.00	J/UJ