



GTE Operations Support Incorporated
One Verizon Way (VC 34W443)
Basking Ridge, NJ 07920-1097
908-559-3691

February 25, 2015

Chris Magee
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7017

Re: *December 2014 Subslab Vapor and Indoor Air Sampling Report*

Dear Mr. Magee:

Attached are the December 2014 subslab vapor and indoor air sampling results for the former Philips Display Components facility in Seneca Falls, New York. Volatile organic compounds, primarily trichloroethene, were reported in the subslab vapor and indoor air. Five subslab depressurization systems continue to operate.

The next monitoring event is tentatively scheduled for the week of March 23, 2015.

Please call me at (908) 559-3691 if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew Walsh", followed by a horizontal line.

Matthew Walsh, PG
Manager – Corporate Workplace Safety & Environmental Compliance

ATTACHMENTS

Attachment A – December 2014 Subslab Vapor and Indoor Air Sampling Event Summary
Attachment B – Tables
Attachment C – Figures
Attachment D – Data Validation Report

Mr. Chris Magee
NYSDEC

February 25, 2015
Page 2

ec:

Ms. Denise Radtke (NYSDEC)
Ms. Melissa Doroski (New York State Department of Health)
Mr. Nidal Azzam (USEPA)
Mr. Sam Ezekwo (USEPA)
Ms. Patricia Jones (Seneca County Industrial Development Agency)
Mr. Stephen Bregande (H.P. Neun)
Mr. Matt Dukat (H.P. Neun)
Ms. Pam Cox (GTE Operations Support Incorporated)
Ms. Marzi Sharfaei (ARCADIS U.S., Inc.)
Mr. Daniel Lang (ARCADIS U.S., Inc.)
Ms. Anna Kunkel (Environmental Consultant)

Attachment A
December 2014
Subslab Vapor and Indoor Air
Sampling Event Summary

In December 2014, indoor air and subslab samples were collected at the former Philips Display Components facility in Seneca Falls, New York (Figure 1). Indoor air samples are collected and analyzed quarterly and subslab vapor samples are collected annually to monitor the subslab depressurization (SSD) systems' effectiveness. The systems (Building 9 Office Area crawl space ventilation system¹, Building 11 Area SSD system, Building 7 Area SSD system, Building 10 Area SSD system, Building 1 SSD system, and Building 1A sump/trench ventilation and SSD system) were installed to reduce volatile organic compound (VOC), primarily trichloroethene (TCE), concentrations in subslab vapor and indoor air.

Field measurements are made using either a digital manometer or U-tube vacuum indicator to confirm that the SSD systems and the sump/trench ventilation system are operating as designed. The manometer measures pressure at subslab monitoring points near the SSD systems. The U-tube vacuum indicator measures the negative pressure in the Buildings 1 and 1A SSD system piping.

On December 16, 2014, 7 subslab vapor, 1 subslab vapor duplicate, 13 indoor air, 1 indoor air duplicate, 1 crawl space air, and 2 outdoor (ambient) air samples were collected. The sample locations are shown on Figure 2. Samples were analyzed by TestAmerica Laboratories, Inc., of Burlington, Vermont, using United States Environmental Protection Agency (USEPA) Method TO-15 or low-level USEPA Method TO-15. Analytical results for 16 site-specific compounds are provided in Tables 1 through 7 (Attachment B) and selected TCE results are displayed graphically on Figures 3 through 7 (Attachment C).

Sampling, laboratory analyses, and data validation were conducted in accordance with the *Soil Vapor Intrusion Pathway Investigation Work Plan and Quality Assurance Project Plan* dated May 7, 2003. Data Validation Services, Inc., of North Creek, New York, performed third-party data validation. Sample results are usable as reported or with minor qualifications (Attachment D).

Analytical Results

The December 2014 indoor air TCE concentrations ranged from 0.12 to 20 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), which are similar to the December 2013 concentration range (0.072 to 22 $\mu\text{g}/\text{m}^3$) and within the historical range during SSD system operation (less than the reporting limit of 0.054 $\mu\text{g}/\text{m}^3$ [$<0.054 \mu\text{g}/\text{m}^3$] to 51 $\mu\text{g}/\text{m}^3$). Monitoring results for each SSD and ventilation system area are summarized below.

Building 9 Area

The Building 9 office indoor air TCE concentration (4.3 $\mu\text{g}/\text{m}^3$) was lower than the December 2013 TCE concentration (6.8 $\mu\text{g}/\text{m}^3$) and within the previous concentration range (0.12 to 30 $\mu\text{g}/\text{m}^3$). The Building 9 warehouse indoor air TCE concentration (14 $\mu\text{g}/\text{m}^3$) was less than the December 2013 TCE concentration (20 $\mu\text{g}/\text{m}^3$) and within the previous concentration range (0.091 to 51 $\mu\text{g}/\text{m}^3$).

¹ The Building 9 Office Area crawl space ventilation system operated from November 2004 to June 2010.

The Building 9 crawlspace air TCE concentration ($32 \mu\text{g}/\text{m}^3$) was higher than the December 2013 concentration ($21 \mu\text{g}/\text{m}^3$) but within the previous concentration range (2.8 to $210 \mu\text{g}/\text{m}^3$) (Figure 3 and Table 1).

Building 11 Area

The Building 11 Area comprises parts of Buildings 11, 11A, 13, and 13A. The December 2014 Building 11 Area indoor air TCE concentrations ranged between 8.3 and an estimated $18 \mu\text{g}/\text{m}^3$, which are higher than the December 2013 concentration range (4.2 to $5.8 \mu\text{g}/\text{m}^3$) but within the previous concentration range during SSD system operation (0.2 to $30 \mu\text{g}/\text{m}^3$). The following table summarizes the December 2014 and December 2013 Building 11 Area indoor air TCE concentrations.

Building	December 2014 TCE Concentration in Indoor Air ($\mu\text{g}/\text{m}^3$)	December 2013 TCE Concentration in Indoor Air ($\mu\text{g}/\text{m}^3$)
11	11	4.2
11A	18 (estimated)	5.8
13	9.4	4.7 (estimated)
13A	8.3	5.3

The December 2014 Building 11A subslab vapor TCE concentration was higher than the December 2013 concentration. The Building 13 and 13A subslab vapor TCE concentrations in December 2014 were less than in December 2013. The following table compares the December 2013 and 2014 Building 11 Area subslab sample TCE concentrations.

Building	December 2014 TCE Concentration in Subslab Vapor ($\mu\text{g}/\text{m}^3$)	December 2013 TCE Concentration in Subslab Vapor ($\mu\text{g}/\text{m}^3$)
11A	35	15
13	< 1.1	1.6
13A	1.1	8.2

The Building 11 Area SSD system continues to sustain subslab negative pressures greater than 100 feet from the extraction wells.

Building 7 Area

The December 2014 TCE concentration in the Building 7 office area ($7.2 \mu\text{g}/\text{m}^3$) was lower than the December 2013 concentration ($12 \mu\text{g}/\text{m}^3$), and within the previous concentration range (0.82 to $18 \mu\text{g}/\text{m}^3$) (Figure 5). The December 2014 Building 7 warehouse indoor air TCE concentration ($3.4 \mu\text{g}/\text{m}^3$) was lower than the December 2013 concentration ($9.1 \mu\text{g}/\text{m}^3$), and within the previous concentration range during SSD system operation (0.64 to $20 \mu\text{g}/\text{m}^3$). The December 2014 TCE concentration in the subslab vapor beneath Building 7 ($30 \mu\text{g}/\text{m}^3$) was higher than the December 2013 concentration ($20 \mu\text{g}/\text{m}^3$) but within the previous concentration range during SSD system operation (11 to $1,700 \mu\text{g}/\text{m}^3$) (Figure 5). The Building 7 SSD system sustains negative subslab pressures greater than 45 feet from the extraction wells.

Building 10 Area

The indoor air TCE concentrations in Buildings 10 and 10A were 20 and 16 $\mu\text{g}/\text{m}^3$, respectively. The concentrations were similar to the December 2013 TCE concentrations (22 and 12 $\mu\text{g}/\text{m}^3$, respectively) and within the previous concentration range ($<0.054 \mu\text{g}/\text{m}^3$ to $64 \mu\text{g}/\text{m}^3$ in Building 10, and 0.32 to $32 \mu\text{g}/\text{m}^3$ in Building 10A). The TCE concentration in the Building 10 subslab vapor increased from $11 \mu\text{g}/\text{m}^3$ in December 2013 to $51 \mu\text{g}/\text{m}^3$ in December 2014 but was within the previous concentration range during SSD system operation (11 to $130 \mu\text{g}/\text{m}^3$). The Building 10A subslab vapor TCE concentration increased slightly from $7.3 \mu\text{g}/\text{m}^3$ in December 2013 to $9.5 \mu\text{g}/\text{m}^3$ in December 2014, but was within the previous concentration range during SSD system operation (5.7 to $13 \mu\text{g}/\text{m}^3$). The Building 10 SSD system sustains negative subslab pressures greater than 100 feet from the extraction wells.

Building 1A Area

The Building 1A first floor indoor air TCE concentration ($0.54 \mu\text{g}/\text{m}^3$) was higher than the December 2013 concentration ($0.072 \mu\text{g}/\text{m}^3$) but within the previous concentration range ($<0.054 \mu\text{g}/\text{m}^3$ to $27 \mu\text{g}/\text{m}^3$). The Building 1A basement indoor air TCE concentration ($0.6 \mu\text{g}/\text{m}^3$) was higher than the December 2013 concentration ($0.07 \mu\text{g}/\text{m}^3$) but within the previous concentration range ($<0.054 \mu\text{g}/\text{m}^3$ to $160 \mu\text{g}/\text{m}^3$).

Building 1 Area

The December 2014 Building 1 indoor air TCE concentration ($0.12 \mu\text{g}/\text{m}^3$) was less than the December 2013 concentration ($0.40 \mu\text{g}/\text{m}^3$) and the previous concentration range (0.40 to $7.5 \mu\text{g}/\text{m}^3$). The TCE concentration in the Building 1 subslab vapor ($3,500 \mu\text{g}/\text{m}^3$) was less than the December 2013 concentration ($8,200 \mu\text{g}/\text{m}^3$). The Building 1 SSD system sustains negative subslab pressures greater than 50 feet from the extraction well.

Conclusions

The analytical results and field measurements indicate the ventilation and SSD systems are effective at sustaining negative pressures. Operation of the ventilation and SSD systems continues to maintain reduced subslab and indoor air VOC concentrations.

Attachment B
Tables

Table 1
Building 9 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B9-01														
Description	BUILDING 9 OFFICE INDOOR AIR														
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethane	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethane	Toluene	trans-1,2-Dichloroethane	Vinyl Chloride
7/15/2003	0.22	0.14 U	0.1 U	0.08 U	0.04 U	0.087	1.3	0.22	1.4	5	2	0.77	9.6	0.056 U	22
10/2/2003	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	2.2	0.67	1.1	2.8	1.2	0.68 U	4.1	0.4 U	30
1/20/2004	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	2.3	0.2 U	2.7	10	3.2	0.75	11	0.2 U	15
12/22/2004	0.17	0.069 U	0.055 U	0.04 U	0.04 U	0.077	2.7	0.27	0.87	3.3	1.2	3.1	5.7	0.04 U	4.6
3/31/2005	0.076	0.069 U	0.055 U	0.04 U	0.04 U	0.049	0.77	0.04 U	0.28	0.91	0.33	0.088	1.4	0.04 U	0.12
7/22/2005	0.1	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	2	0.16	2.9	8.3	2.4	0.52	9.4	0.04 U	4.3
9/20/2005	0.12	0.14 U	0.11 U	0.081 U	0.16 U	0.081 U	1.3	0.16	0.96	3.6	1.2	2.6	2.9	0.079 U	0.7
11/17/2005	0.26	0.069 U	0.055 U	0.04 U	0.04 U	0.065	2.9	0.67	0.96	3.4	1.2	0.95	5.3 J	0.04 U	42
1/11/2006	0.13	0.069 U	0.055 U	0.04 U	0.04 U	0.093	3.5	0.17	2	5.6	3	0.51	9.4	0.04 U	4
7/17/2006	0.23	0.21 U	0.16 U	0.12 U	0.12 U	0.34	3.1	1.1	4	18	6.5	8.8	10	0.12 U	4.2
12/12/2006	0.21	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.9	0.27	1.3	4.3	1.6	2	6.8	0.079 U	9.1
3/20/2007	0.44	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.1	0.52	1.1	3.8	1.3	2	4.5	0.16 U	14
6/21/2007	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.42	0.04	0.43	1.8	0.61	0.35	1.5	0.04 U	0.34
9/19/2007	0.071	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.51	0.04 U	0.32	1	0.36	0.31	1.8	0.04 U	0.37
12/11/2007	0.25	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.5	0.31	0.52	1.6	0.56	1.6	3.1	0.059 U	5.9
3/26/2008	0.14	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.4	0.4	0.48	1.8	0.65	0.52	4.1	0.079 U	5.3
6/17/2008	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.61	0.52	0.69	2.6	0.91	1.1	11	0.16 U	1.2
9/24/2008	0.18	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.51	0.075	0.43	1.6	0.56	1.6	2.8	0.04 U	2.6
12/18/2008	0.34	0.38 U	0.31 U	0.23 U	0.22 U	0.45 U	2.8	0.67	1.4	5.2	1.8	0.38 U	8.3	0.22 U	18
3/26/2009	0.38	0.082 U	0.065 U	0.049 U	0.048 U	0.11	1.1	0.12	0.43	1.4	0.52	0.16	4.1	0.048 U	1.2
6/25/2009	0.39	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.4	0.24	1.5	5.6	2.1	0.34 U	12	0.2 U	1.7
9/23/2009	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.96	0.16 U	0.91	3.3	1.3	0.27 U	14	0.16 U	0.34
3/24/2010	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.7	0.87	1.1	4	1.4	1.1	12	0.2 U	5.9
6/22/2010	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	0.67	0.12 U	0.69	2.5	1 J	0.2 U	5.7	0.12 U	0.91
9/23/2010	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.87	0.13	0.58	1.9	0.7	0.14	4.2	0.079 U	3
12/28/2010	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.65	0.14	0.22	0.69	0.25	0.1 U	3.2	0.059 U	3
3/23/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.52	0.096	0.35	0.95	0.34	0.11	2.3	0.04 U	3.8
6/22/2011	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.43	0.078	0.54	1.6	0.65	0.18	3.5	0.079 U	2.1
9/21/2011	0.084 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.094 NJ	0.55	0.055	0.056	0.087	0.043 U	0.1	0.66	0.04 U	1.8
12/20/2011	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.4	0.12	0.48	1.6	0.54	0.9	6.5	0.079 U	5.3
3/28/2012	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	1.7	0.12 U	0.6	2	0.71	5.8	6	0.12 U	1.3
6/14/2012	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.3	0.14 NJ	0.73	1.8	0.7	1.2	5.5	0.079 U	4
10/9/2012	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	0.66	0.12	0.3	0.91	0.29	0.2 U	1.7	0.12 U	5.8
1/3/2013	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.62	0.14	0.19	0.51	0.19	0.14 U	1.7	0.079 U	6.5
3/28/2013	0.068 U	0.086 UJ	0.068 U	0.051 UJ	0.2 U	0.1 U	0.45	0.14	0.16	0.4 J	0.19 J	0.085 U	0.95	0.05 U	4.3
6/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.25	0.35 NJ	0.41	1.4	0.46	0.094	2.1	0.04 U	1.8
9/19/2013	0.14 U	0.17 U	0.14 U	0.10 U	0.099 U	0.2 U	0.31	0.099 U	0.25	0.72	0.24	0.17 U	5.9	0.099 U	3
12/18/2013	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	0.63	0.16	0.21	0.57	0.21	0.2 U	1.1	0.12 U	6.8
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.1	0.82	0.12 NJ	0.22	0.59	0.21	0.11	1.3	0.04 U	2.9
6/18/2014	0.13 UJ	0.16 UJ	0.13 UJ	0.096 UJ	0.094 UJ	0.19 UJ	0.42 J	0.16 NJ	0.5 J	2 J	0.65 J	0.16 UJ	8.6 J	0.094 UJ	2.3 J
9/23/2014	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.47	0.19	0.28	0.77	0.29	0.1 U	2.7	0.07	5.9
12/16/2014	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.59	0.089	0.065 U	0.13 U	0.065 U	0.29	0.53	0.059 U	4.3

Sample ID	IA-B9-CS															
Description	BUILDING 9 CRAWL SPACE AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethane	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethane	Toluene	trans-1,2-Dichloroethane	Trichloroethene	Vinyl Chloride
10/2/2003	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	0.64	1.6	0.48	1.2	0.52	0.88	1.3	0.4 U	210	0.26 U
1/20/2004	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	1.6	0.95	1.4	4.8	1.7	0.54	7.2	0.2 U	75	0.13 U
12/22/2004	0.14	0.069 U	0.055 U	0.04 U	0.04 U	0.057	1.7	0.24	0.61	2.1	0.87	1.2	4.1	0.04 U	10	0.026 U
3/31/2005	0.076	0.069 U	0.055 U	0.04 U	0.04 U	0.04	0.51	0.19	0.22	0.65	0.22	0.14	0.9	0.04 U	15	0.026 U
7/22/2005	0.093	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	0.96	0.87	1.7	5.2	2.7	0.41	4.5	0.04 U	35	0.026 U
9/20/2005	0.55 U	0.69 U	0.55 U	0.4 U	0.79 U	0.4 U	0.96	1.1	0.83	3	1	1.4	3	0.4 U	43	0.26 U
11/17/2005	0.17	0.069 U	0.055 U	0.04 U	0.04 U	0.061	1.7	0.75	0.48	1.8	0.61	0.61	3.1 J	0.04 U	38	0.026 U
1/11/2006	0.12	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	2.4	0.29	1.2	3.8	1.6	0.35	6.4	0.04 U	11	0.026 U
7/17/2006	0.44 U	0.55 U	0.44 U	0.32 U	0.32 U	0.65 U	2.9	1.2	3.5	15	5.6	4.8	16	0.32 U	35	0.41 U
12/12/2006	0.17	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2.8	0.29	1.6	5.2	1.9	1.5	7.5	0.12 U	11	0.15 U
3/20/2007	0.27	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2.1	0.56	0.65	2.4	0.83	1	3.1	0.12 U	14	0.15 U
6/21/2007	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.13 U	0.44	0.17 U	0.35 U	0.17 U	0.27 U	0.15 U	0.16 U	12	0.2 U
9/19/2007	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.38	0.48	0.24	0.61	0.25	0.55	0.87	0.2 U	19	0.26 U
12/11/2007	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	1.1	0.21	0.32	1	0.4	0.75	1.9	0.12 U	10	0.15 U
3/26/2008	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.1	0.23	0.38	1.3	0.48	0.23	2.8	0.059 U	5.9	0.077 U
6/17/2008	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.42	0.87	0.56	1.9	0.65	0.62	3.5	0.2 U	18	0.26 U
9/24/2008	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.38	0.18	0.25	0.87	0.33	0.37	1.8	0.16 U	15	0.2 U
12/18/2008	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.6	0.31	0.78	2.6	0.96	0.27 U	4.5	0.16 U	15	0.2 U
3/26/2009	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.8	0.18	0.28	0.91	0.37	0.22	1.7	0.079 U	5.4	0.1 U
6/25/2009	0.43 U	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	1.5	0.39 NJ	1.4	4.8	1.7	0.54 U	17	0.31 U	24	0.41 U
9/23/2009	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.99	0.4	0.69	2.5	0.83	0.34 U	5.7	0.2 U	20	0.26 U
3/24/2010	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 NJ	1.2	0.29	0.61	2.4	0.87	0.38	3.5	0.04 U	5.4	0.051 U
9/22/2010	0.68 U	0.86 U	0.68 U	0.51 U	0.5 U	1 U	0.99	0.69	0.65	2.4	0.83	0.85 U	4.5	0.5 U	60	0.64 U
12/28/2010	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.49	0.12	0.11	0.29	0.11	0.14 U	0.71	0.079 U	8.5	0.1 U
3/23/2011	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.45	0.2 U	0.22 U	0.43 U	0.22 U	0.34 U	0.44	0.2 U	16	0.26 U
6/22/2011	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	0.39	0.42	0.52	1.4	0.5	0.68 U	4.6	0.4 U	48	0.51 U
9/21/2011	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	1.7	0.4 U	0.43 U	0.87 U	0.43 U	0.68 U	2.5	0.4 U	37	0.51 U
12/20/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.22	0.13	0.043 U	0.043 U	0.043 U	0.068 U	0.091	0.04 U	2.8	0.051 U
3/28/2012	0.27 UJ	0.34 UJ	0.27 UJ	0.2 UJ	0.2 UJ	0.4 UJ	0.66 J	0.2 UJ	0.58 J	2.3 J	0.87 J	0.87 J	5.8 J	0.2 UJ	14 J	0.26 UJ
6/14/2012	0.44 U	0.55 U	0.44 U	0.32 U	0.32 U	0.65 U	0.8	0.32 U	0.41	1	0.35	0.58	2.2	0.32 U	23	0.41 U
10/9/2012	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	0.49	0.4 U	0.43 U	0.87 U	0.43 U	0.68 U	0.76	0.4 U	29	0.51 U
1/3/2013	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	0.63	0.29	0.26 U	0.52 U	0.26 U	0.41 U	0.67	0.24 U	27	0.31 U
3/28/2013	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.96 U	0.49 U	0.33 NJ	0.48 U	0.26 U	0.52 UJ	0.96 UJ	0.41 U	0.23 U	14	0.31 U
6/19/2013	0.43 UJ	0.55 UJ	0.43 UJ	0.32 UJ	0.31 UJ	0.64 UJ	0.25 UJ	0.31 UJ	0.34 UJ	0.69 UJ	0.34 UJ	0.54 UJ	0.74 J	0.24 UJ	19 J	0.41 UJ
9/19/2013	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	0.34	0.24 U	0.26 U	0.68	0.26 U	0.41 U	1.4	0.24 U	24	0.31 U
12/18/2013	0.44 U	0.55 U	0.44 U	0.33 U	0.32 U	0.65 U	0.41	0.32 U	0.35 U	0.7 U	0.35 U	0.55 U	0.62	0.32 U	21	0.41 U
3/20/2014	0.45 U	0.57 U	0.45 U	0.34 U	0.33 U	0.67 U	0.37	0.33 U	0.36 U	0.72 U	0.36 U	0.56 U	0.40	0.33 U	19	0.43 U
6/18/2014	0.41 U	0.51 U	0.41 U	0.3 U	0.3 U	0.6 U	0.24 U	0.38	0.32 U	0.65 U	0.32 U	0.51 U	1.2	0.3 U	32	0.38 U
9/23/2014	0.65 U	0.82 U	0.65 U	0.49 U	0.48 U	0.97 U	0.38 U	0.74	0.52 U	1 U	0.52 U	0.81 U	0.77	0.48 U	66	0.61 U
12/16/2014	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	0.53	0.4 U	0.43 U	0.87 U	0.43 U	0.68 U	0.49	0.4 U	32	0.51 U

Table 1
Building 9 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B9-02															
Description	BUILDING 9 WAREHOUSE INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.15	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	1.1	0.056 U	0.35	0.93	0.34	1.9	2.1	0.056 U	0.22	0.02 U
10/2/2003	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	3.1	2.2	0.65	1.7	0.61	2	2.4	0.4 U	30	0.26 U
1/20/2004	0.41 U	0.51 U	0.41 U	0.3 U	0.3 U	0.3 U	5.1	3	16	65	16	7.5	9.8	0.3 U	24	0.19 U
3/20/2007	0.49	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	3.8	0.87	1.1	3.6	1.1	2.8	3.8	0.2 U	19	0.26 U
6/21/2007	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.45	0.083	0.48	1.4	0.37	0.39	2.1	0.04 U	0.3	0.051 U
9/19/2007	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.51	0.04 U	0.2	0.43	0.15	0.21	0.83	0.04 U	1	0.051 U
12/11/2007	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	2.5	0.99	0.74	2.4	0.87	5.5	4.5	0.24 U	19	0.31 U
3/26/2008	0.14	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.83	1.1	0.087 U	0.17 U	0.087 U	0.14	0.21	0.079 U	7	0.1 U
6/17/2008	0.1	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.58	0.79	0.83	2.8	0.91	0.56	2.3	0.04 U	1.6	0.051 U
9/24/2008	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.83	0.14	0.52	1.7	0.56	12	3	0.079 U	3.9	0.1 U
12/18/2008	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	4.8	1.8	2	6.9	2.7	0.68 U	12	0.4 U	46	0.51 U
3/26/2009	0.43 U	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	3.8	1.1	1.1	3.3	1.2	0.54 U	6.8	0.31 U	24	0.41 U
6/25/2009	0.43 U	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	3.5	0.79	3.5	12	4	0.75	26	0.31 U	2.3	0.41 U
9/23/2009	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.2	0.04 U	0.4	1.2	0.4	0.11	1.9	0.04 U	0.39	0.051 U
12/17/2009	0.87 U	1.1 U	0.87 U	0.65 U	0.63 U	1.3 U	2.4	1.7	0.87	2.9	1	1.1 U	4.1	0.63 U	51	0.82 U
3/24/2010	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.8	1.9	1.5	5.6	1.9	2	5.3	0.16 U	13	0.2 U
6/22/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.38	0.04 U	0.16	0.48	0.21 J	0.088	0.68	0.04 U	0.091	0.051 U
9/22/2010	0.068 U	0.086 U	0.068 U	0.051 U	0.05 U	0.1 U	3	0.11	0.73	2.2	0.72	0.12	4.6	0.05 U	0.63	0.064 U
12/28/2010	0.34 U	0.43 U	0.34 U	0.25 U	0.25 U	0.51 U	3.1	1.7	0.67	2	0.76	0.68	3.7	0.25 U	23	0.32 U
3/23/2011	0.11	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	3.3	0.67	1.6	3.6	1.2	0.58	4.1	0.079 U	11	0.1 U
6/22/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.62	0.04 U	0.54	0.98	0.35	0.19	0.99	0.04 U	0.15	0.051 U
9/21/2011	0.36	0.069 U	0.055 U	0.04 U	0.5	0.081 U	0.7	0.6	0.66	1.2	0.42	0.13	1.5	0.04 U	1.6	0.051 U
12/20/2011	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.1	0.49	0.17 U	0.17 U	0.17 U	1.7	0.43	0.16 U	17	0.2 U
3/28/2012	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.5	0.17	1.4	3.8	1.3	14	5.6	0.16 U	2.3	0.2 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.1	0.2 U	0.81	1.1	0.43	7.6	1.6	0.2 U	0.35	0.26 U
10/9/2012	0.43 U	0.55 U	0.43 U	0.32 U	0.31 U	0.64 U	1.1	0.33	0.69	1.6	0.76	0.54 U	1.5	0.31 U	16	0.41 U
1/3/2013	0.23 U	0.29 U	0.23 U	0.17 U	0.17 U	0.34 U	0.13 U	0.3	0.18 U	0.36 U	0.18 U	0.28 U	0.16 U	0.17 U	2.7	0.21 U
3/28/2013	0.16	0.14 UJ	0.11 U	0.081 U	0.32 U	0.16 U	0.97	0.47	0.48	0.81 J	0.35 J	0.14 U	1.2	0.079 U	6.1	0.1 U
6/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.27	0.46 NJ	0.66	2.1	0.67	0.078	1.9	0.04 U	1.1	0.051 U
9/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.36	0.04 U	0.33	0.84	0.24	0.097	1.4	0.04 U	5.2	0.051 U
12/18/2013	0.44 U	0.55 U	0.44 U	0.33 U	0.32 U	0.65 U	0.75	0.54	0.35 U	0.7 U	0.35 U	0.55 U	1.1	0.32 U	20	0.41 U
3/20/2014	0.086 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.089	0.99	0.45	0.22	0.54	0.16	0.68	1.2	0.04 U	3.5	0.051 U
6/18/2014	0.11 NJ	0.099 U	0.079 U	0.058 U	0.057 U	0.12 U	0.38	0.63	0.34	0.59	0.13	0.1	1.4	0.057 U	1	0.074 U
9/23/2014	0.093 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.3	0.31	0.095	0.23	0.082	0.068 U	0.39	0.04 U	2.6	0.051 U
12/16/2014	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.9	0.35	0.31	0.77	0.25 J+	0.34 U	1.6	0.2 U	14	0.26 U

Notes:
All values are shown in units of micrograms per cubic meter($\mu\text{g}/\text{m}^3$).
U - Not detected above reporting limit
J - Estimated
J+ - Estimated and may be biased high
NJ - Tentative in identification and estimated

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B11-01															
Description	BUILDING 11 INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	Cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.29	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	1.1	0.55	1.4	3.5	1.2	7.8	12	0.056 U	5	0.02 U
10/2/2003	2	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	3.8	4.8	1	3	1	6.8	11	0.4 U	36	0.26 U
1/20/2004	0.65	0.51 U	0.41 U	0.3 U	0.3 U	0.3 U	3.2	2.5	3	11	2.9	4.7	6	0.3 U	33	0.19 U
2/14/2006	0.65	0.069 U	0.055 U	0.04 UJ	0.099	0.04 U	3	1.6	1.9	4.3	2.6	6.6	5.3 J	0.04 U	59	0.064 J
6/28/2006	0.24	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.1	0.91	1.6	7.4	2.9	14	3.7	0.16 U	3.4	0.2 U
9/13/2006	0.4	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.6	0.83	0.74	2.2	0.83	6	3.6	0.2 U	20	0.26 U
12/12/2006	0.82	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	7	1.6	2.6	7.4	2.4	6.4	11	0.16 U	20	0.2 U
3/20/2007	0.87	0.21 U	0.16 U	0.12 U	0.23	0.24 U	4.5	1.5	1.1	4.3	1.4	3.5	7.5	0.12 U	9.1	0.15 U
6/21/2007	0.25	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.89	1.2	0.69	2.2	0.83	7.5	2.2	0.059 U	3.4	0.077 U
8/30/2007	0.093	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.58	0.25	0.52	1.4	0.52	1.8	1.5	0.04 U	0.7	0.051 U
9/19/2007	0.15	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.77	0.52	0.3	0.91	0.31	0.75	1.2	0.04 U	3.9	0.051 U
12/11/2007	0.87	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.9	2.3	1	3.7	1.3	8.8	5.3	0.2 U	18	0.26 U
3/26/2008	0.25	0.12 U	0.093 U	0.069 U	0.067 U	0.14 U	2.4	1.2	0.91	3.5	1.2	1.5	5.3	0.067 U	5.9	0.087 U
6/17/2008	0.25	0.12 U	0.093 U	0.069 U	0.067 U	0.13 U	1.2	2.1	1.8	6.9	2.3	2.7	2.5	0.067 U	4	0.084 U
9/24/2008	0.16	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.96	0.95	0.19	0.25	0.078	1.8	1.4	0.059 U	6.4	0.077 U
12/18/2008	0.6	0.21 U	0.16 U	0.12 U	0.15	0.24 U	2.9	1.9	1.1	3.8	1.3	0.64	5.3	0.12 U	14	0.15 U
3/26/2009	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.8	2.1	3.2	13	4.3	0.75	7.9	0.16 U	12	0.2 U
6/25/2009	0.37	0.43 U	0.34 U	0.25 U	0.25 U	0.49 U	3.1	2.6	3.6	13	4.8	1.2	17	0.25 U	5.4	0.31 U
9/23/2009	0.14	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.5	0.35	0.96	3.5	1.3	0.37	3.4	0.04 U	1.5	0.051 U
12/17/2009	0.55	0.62 U	0.5 U	0.37 U	0.36 U	0.73 U	2.4	3.2	1.5	5.6	2	0.62 U	6	0.36 U	26	0.46 U
3/24/2010	0.37	0.14 U	0.11 U	0.081 U	0.12	0.16 U	1.9	3.3	2.7	12	4.3	0.68	5.7	0.079 U	7.5	0.1 U
6/22/2010	0.12	0.082 U	0.065 U	0.049 U	0.048 U	0.1 U	0.99	1	1.1	4.3	1.5 J	0.42	3	0.048 U	2.8	0.064 U
9/22/2010	0.11 NJ	0.11 U	0.091 U	0.068 U	0.066 U	0.14 U	1.7	0.78	0.83	3.2	1.1	0.82	4.6	0.066 U	2.2	0.085 U
12/28/2010	0.34	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.4	1.2	0.63	2.3	0.85	1.1	2.6	0.079 U	5.6	0.1 U
3/23/2011	0.34	0.14 U	0.11 U	0.081 U	0.094	0.16 U	1.9	1.1	1.1	4.2	1.6	1.3	2.7	0.079 U	3.7	0.1 U
6/22/2011	0.15 U	0.19 U	0.15 U	0.11 U	0.11 U	0.23 U	0.99	0.47	1.5	5.9	2.3	1.6	4.5	0.11 U	0.98	0.14 U
9/21/2011	0.13 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.5	0.52	1	3.8	1.4	0.49	2	0.04 U	1.8	0.051 U
12/20/2011	0.28	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.3	0.65	1.2	4.5	1.7	2.9	1.9	0.079 U	4.8	0.1 U
3/28/2012	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	2.2	0.75	3.6	11	3.9	2.5	5.4	0.099 U	4.9	0.13 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.1	0.59	4.4	2.5	1.1	0.83	4.6	0.2 U	0.82	0.26 U
10/9/2012	0.36	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.3	0.66	0.75	2.9	1	0.27 U	0.92	0.16 U	9.5	0.2 U
1/3/2013	0.43	0.16 U	0.12 U	0.093 U	0.14	0.19 U	0.78	1.1	0.6	2.3	0.86	0.16 U	1.1	0.091 U	9.3	0.12 U
3/28/2013	0.15	0.069 UJ	0.055 U	0.04 U	0.16 U	0.081 U	0.74	0.47	0.55	1.3 J	0.53 J	0.068	0.87	0.04 U	1.4	0.051 U
6/19/2013	0.23	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.27	0.6 NJ	0.82	3.5	1.2	0.14	1.5	0.04 U	1.2	0.051 U
9/19/2013	0.16	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.39	0.4	0.32	1.2	0.43	0.1	0.99	0.04 U	3.2	0.051 U
12/18/2013	0.38	0.14 U	0.11 U	0.081 U	0.097	0.16 U	0.85	0.53	0.42	0.98	0.37	0.14 U	1.2	0.079 U	4.2	0.1 U
3/20/2014	0.15 NJ	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	4.6	0.64	0.27	0.93	0.33	0.17 U	1.4	0.099 U	2.5	0.13 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.08	0.23	0.12 NJ	0.39	1.2	0.38	0.12	1.6	0.04 U	0.43	0.051 U
9/23/2014	0.24 U	0.069 U	0.055 U	0.04 U	0.068 NJ	0.081 U	0.31	0.34	0.47	1.8	0.67	0.068 U	1.9	0.04 U	1.7	0.051 U
12/16/2014	0.26	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	1	1.1	0.48	1.5	0.58	0.17 U	1.8	0.099 U	11	0.13 U

Notes:

All values are shown in units of micrograms per cubic meter (µg/m³).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

NJ - Tentative in identification and estimated

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B11-02															
Description	BUILDING 11A INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.56	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	1.6	1.8	4.7	15	3.7	18	10	0.056 U	39	0.02 U
10/2/2003	2.2	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	3.5	5.6	1	3.2	1	8.1	9.8	0.4 U	97	0.26 U
1/20/2004	0.65	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	3	3	3	12	3	5.4	6	0.2 U	42	0.13 U
2/14/2006	0.65	0.069 U	0.055 U	0.04 U	0.079	0.04 U	4.2	1.5	2	6.9 J	3 J	14 J	7.5 J	0.04 U	81	0.072 J
6/28/2006	0.23	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	1.9	1.1	1.8	6.9	2.9	14	4.5	0.12 U	3.9	0.15 U
9/13/2006	0.49	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.9	1.1	0.91	2.8	1.1	6.8	3.8	0.2 U	20	0.26 U
12/12/2006	0.87	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	7.3	2	2.6	6.9	2.3	6.8	9.8	0.16 U	21	0.2 U
3/20/2007	0.98	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	4.8	1.7	1.3	4.8	1.6	4.5	7.9	0.12 U	12	0.15 U
6/21/2007	0.22	0.096 U	0.076 U	0.057 U	0.056 U	0.12 U	1.2	0.71	0.87	2.9	1	5.6	2.9	0.056 U	2.5	0.074 U
8/30/2007	0.11	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.61	0.39	0.74	2.4	0.78	3	2.1	0.04 U	1.5	0.051 U
9/19/2007	0.21	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.8	0.79	0.52	2	0.61	1.3	2.1	0.059 U	5.4	0.077 U
12/11/2007	0.82	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	3.8	2.3	1.1	4.1	1.4	8.8	7.5	0.2 U	18	0.26 U
3/26/2008	0.23	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	3.1	1.1	1	3.8	1.3	1.3	7.9	0.12 U	4.8	0.15 U
6/17/2008	0.21	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	1.1	1.3	2.2 NJ	8.7	2.8	1.2	2.9	0.12 U	3	0.15 U
9/24/2008	0.15	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.2	0.87	1	4	1.7	0.75	3	0.059 U	5.9	0.077 U
12/18/2008	0.49	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.2	2.1	1.4	5.2	1.8	0.68	6.8	0.16 U	13	0.2 U
3/26/2009	0.19 NJ	0.23 U	0.18 U	0.13 U	0.13 U	0.27 U	4.5	2.3	3.3	13	4.2	0.81	9	0.13 U	13	0.17 U
6/25/2009	0.51	0.43 U	0.34 U	0.25 U	0.4 NJ	0.49 U	1.9	0.95 NJ	2.4 J	7.8 J	2.3 J	0.81	11	0.25 U	5.4	0.31 U
9/23/2009	0.12	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.3	0.3	0.87	3.2	1.2	0.31	3.2	0.12	1.8	0.077 U
12/17/2009	0.65	0.62 U	0.5 U	0.37 U	0.36 U	0.73 U	2.8	3.5	1.4	5.6	2	0.62 U	6	0.36 U	30	0.46 U
3/24/2010	0.4	0.14 U	0.11 U	0.081 U	0.13	0.16 U	2.3	3.8	3.3	15	5.2	0.81	6.8	0.079 U	9.1	0.1 U
6/22/2010	0.14	0.069 U	0.055 U	0.04 U	0.04 U	0.085 NJ	1.2	1.3	1.7	7.8	2.8 J	0.59	3.8 J	0.04 U	2.5	0.051 U
9/22/2010	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.6	0.9	0.86	3.3	1.1	0.93	4.8	0.079 U	2.3	0.1 U
12/28/2010	0.39	0.1 U	0.082 U	0.061 U	0.11	0.12 U	2.8	1.2	0.72	2.6	0.89	1.3	3.3	0.059 U	6.1	0.077 U
3/23/2011	0.43	0.14 U	0.11 U	0.081 U	0.13	0.16 U	2.4	1.4	1.3	5.2	1.9	1.6	3.3	0.079 U	4.6	0.1 U
6/22/2011	0.079 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.8	0.38	1.7	6	2.2	1.3	2.7	0.04 U	0.86	0.051 U
9/21/2011	0.11 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.1	0.34	0.86	3.2	1.2	0.38	1.3	0.04 U	1.2	0.051 U
12/20/2011	0.35	0.1 U	0.082 U	0.061 U	0.085 NJ	0.12 U	1.4	0.84	1.5 J	5.7 J	2.2 J	3.6 J	2.4 J	0.059 U	6.2	0.077 U
3/28/2012	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	1.4	0.44	2.8	8.3	2.9	1.7	4.8	0.099 U	2.9	0.13 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.5	0.5	4.1	4	1.6	1.5	4.6	0.2 U	0.9	0.26 U
10/9/2012	0.36	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.1	0.62	0.79	3	1	0.27 U	0.99	0.16 U	7.2	0.2 U
1/3/2013	0.42	0.19 U	0.15 U	0.11 U	0.11	0.22 U	0.92 J	1.2	0.81	3.3	1.2	0.18 U	1.3	0.11 U	9.3	0.14 U
3/28/2013	0.21	0.069 U	0.055 U	0.04 U	0.16 U	0.081 U	0.85	0.7 NJ	0.85	2.3 J	0.99 J	0.081	1.2	0.04 U	2.2	0.051 U
6/18/2013	0.15	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.39 J	0.38 U	0.93	4.0 J	1.4 J	0.11	3.3 J	0.04 U	0.91	0.051 U
6/19/2013	0.18	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.25 J	0.44 NJ	0.69	2.1 J	0.68 J	0.17	1.1 J	0.04 U	1	0.051 U
9/19/2013	0.18	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.41	0.45	0.42 J	1.5 J	0.52 J	0.12	1.1	0.04 U	3.5	0.051 U
12/18/2013	0.32	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1	0.67	0.56	1.8	0.65	0.14 U	1.5	0.079 U	5.8	0.1 U
3/20/2014	0.16 NJ	0.069 U	0.055 U	0.04 U	0.051 U	0.17	0.62 J	0.66	0.053 J	0.087 U	0.043 U	0.14	0.69 J	0.04 U	2.4	0.051 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.24	0.12	0.92	3.6	1.4	0.14	1.7	0.04 U	0.43	0.051 U
9/23/2014	0.27 U	0.069 U	0.055 U	0.04 U	0.083	0.081 U	0.36	0.4	0.52 J	2 J	0.73 J	0.073	1.6	0.04 U	2.2	0.051 U
12/16/2014	0.45	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2 J	1.9 J	0.42	0.9 J	0.31 J	0.27 U	2.3 J	0.16 U	18 J	0.2 U

Sample ID	SVSS-B11-01															
Description	BUILDING 11A SUB-SLAB VAPOR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/17/2003	1900 U	2400 U	1900 U	1400 U	1400 U	1400 U	1100 U	2600	1500 U	1500 U	1600 U	3700	1300 U	1400 U	160000	900 U
2/14/2006	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	11	8.7 U	22 U	8.7 U	31	7.5 U	7.9 U	540	5.1 U
12/12/2006	1.6 U	2.1 U	1.6 U	1.2 U	1.2 U	1.2 U	0.96 U	12	1.3 U	3.3 U	1.3 U	18	3.4 J	1.2 U	230	0.77 U
8/30/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	6.7	0.87 U	2.2 U	0.87 U	16	0.75 U	0.79 U	140	0.51 U
9/20/2007	1.6 U	2.1 U	1.6 U	1.2 U	1.2 U	1.2 U	0.96 U	17	1.3 U	3.3 U	1.3 U	20	1.1 U	1.2 U	240	0.77 U
12/11/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	10	0.87 U	2.2 U	0.87 U	12	0.75 U	0.79 U	110	0.51 U
12/18/2008	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	11	0.87 U	2.2 U	0.87 U	6.1	0.75 U	0.79 U	86	0.51 U
12/17/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	5.2	0.87 U	2.2 U	0.87 U	5.6	0.75 U	0.79 U	64	0.51 U
12/28/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	2.2	2.2	0.87 U	2.2	0.87 U	2.5	3.8	0.79 U	18	0.51 U
12/20/2011	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64	1.7	0.87 U	2.2 U	0.87 U	4.3	1.3	0.79 U	20	0.51 U
12/19/2012	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	1.3 J	2.2 J	0.87 UJ	2.2 UJ	0.87 UJ	2.6	1.4 J	0.79 U	20	0.51 U
12/18/2013	1.1 UJ	1.4 UJ	1.1 UJ	0.81 UJ	0.79 UJ	0.81 UJ	0.64 UJ	1.1 J	0.87 UJ	2.2 UJ	0.87 UJ	3.2 J	0.75 UJ	0.79 UJ	15 J	0.51 UJ
12/16/2014	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.65	2.8	0.87 U	2.2 U	0.87 U	3.4	0.99	0.79 U	35	0.51 U

Notes:

All values are shown in units of micrograms per cubic meter (µg/m³).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

NJ - Tentative in identification and estimated

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B13-01															
Description	BUILDING 13 INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.55	0.14 U	0.1 U	0.08 U	0.044	0.08 U	2.3	1.1	2.4	7.5	2.4	19	11	0.056 U	11	0.026
10/2/2003	2.8	0.34 U	0.27 U	0.2 U	0.52	0.2 U	1.9	4	0.69	2	0.74	4.8	3.8	0.2 U	13	0.13 U
1/20/2004	1	0.14 U	0.11 U	0.081 U	0.23	0.12	1.5	2.1	0.74	2.6	0.74	2.6	3.1	0.079 U	8.6	0.051 U
2/14/2006	1	0.069 U	0.055 U	0.04 UJ	0.14	0.04 U	3.1 D	1.1	3.9	9.6	3.4	3.8	6.8 J	0.04 U	41	0.056 J
6/28/2006	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.1	0.44	4.2	19	7.8	5.2	4.1	0.16 U	1.6	0.2 U
9/13/2006	1.6	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	3.8	1.5	2.9	10	4.3	9.5	5.7	0.12 U	16	0.15 U
12/12/2006	1.1	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	7.7	2.1	3.6	9.1	3.2	7.5	9.8	0.16 U	21	0.2 U
3/20/2007	0.82	0.14 U	0.11 U	0.081 U	0.17	0.16 U	3.8	0.83	1.3	4.3	1.5	1.8	7.5	0.079 U	5.4	0.1 U
6/21/2007	0.38	0.1 U	0.082 U	0.061 U	0.067	0.12 U	1.4	0.95	2	6.5	2.4	4.5	4.1	0.059 U	2.6	0.077 U
9/19/2007	0.45	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.3	1.3	2	6.9	2.5	1.3	2.9	0.079 U	6.4	0.1 U
12/11/2007	0.87	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.9	1.7	1.3	4.3	1.7	7.5	6	0.16 U	12	0.2 U
3/26/2008	0.2	0.12 U	0.093 U	0.069 U	0.067 U	0.14 U	2.7	0.48	0.83	3	1.1	0.61	3.7	0.067 U	2.6	0.087 U
6/17/2008	0.21	0.12 U	0.093 U	0.069 U	0.079	0.13 U	1.5	0.52	2.9 NJ	11 J	3.8	8.1	3.3	0.067 U	1.5	0.084 U
9/24/2008	1.6	0.1 U	0.082 U	0.061 U	0.39	0.12 U	0.8	0.63	0.96	3.5	1.1	0.31	3.8	0.059 U	4.1	0.077 U
12/18/2008	1.4	0.14 U	0.11 U	0.081 U	0.29	0.16 U	2	0.56	0.74	2.3	0.78	0.22	3.8	0.079 U	5.2	0.1 U
3/26/2009	0.65	0.14 U	0.11 U	0.081 U	0.14	0.16 U	1.9	1.3	1.4	5.2	1.7	0.63	5.3	0.079 U	7.5	0.1 U
6/25/2009	0.53	0.27 U	0.22 U	0.16 U	0.27	0.32 U	1.9	0.95	2.6	8.7	2.6	0.75	11	0.16 U	5.4	0.2 U
9/23/2009	0.39	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.2	0.95	1.8	6.9	2.2	0.66	6.4	0.079 U	3.5	0.1 U
12/17/2009	1.4	0.069 U	0.055 U	0.053	0.4	0.081 U	0.48	0.19	0.16	0.52	0.18	0.068 U	0.6	0.04 U	2.4	0.051 U
3/24/2010	1.2	0.069 U	0.055 U	0.049	0.34	0.081 U	0.73	0.33	0.48	1.7	0.56	0.16	2.1	0.04 U	1.8	0.051 U
6/22/2010	0.93	0.14 U	0.11 U	0.081 U	0.31	0.16 U	1.5	1.3	2.1	7.8	2.4 J	0.51	4.5	0.079 U	6.4	0.1 U
9/22/2010	0.27 J	0.27 UJ	0.22 UJ	0.16 UJ	0.16 UJ	0.32 UJ	3.5 J	1.1 J	1.3 J	4.6 J	1.5 J	1.2 J	7.3 J	0.16 UJ	3.7 J	0.2 UJ
12/28/2010	0.59	0.14 U	0.11 U	0.081 U	0.21	0.16 U	2.1	0.25	0.54	1.6	0.58	0.54	5.2	0.079 U	6.9	0.1 U
3/23/2011	0.72	0.069 U	0.055 U	0.04 U	0.18	0.081 U	0.79	0.44	0.45	1.7	0.6	0.67	1.3	0.04 U	2.1	0.051 U
6/22/2011	0.21	0.1 U	0.082 U	0.061 U	0.058	0.12 U	2.2	0.39	1.4	5	1.5	2.2	4.6	0.059 U	1.5	0.077 U
9/21/2011	0.82	0.069 U	0.055 U	0.04 U	0.15	0.081	1.7	0.97	1.8	7.1	2.5	1.2	3	0.04 U	2.8	0.051 U
12/20/2011	0.68	0.069 U	0.055 U	0.04 U	0.22 NJ	0.085 U	1.3	0.25 NJ	1.3	2.5	1 NJ	1.4	3.5	0.04 U	3.1	0.051 U
3/28/2012	0.39	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.1	0.61	7.1	3	1.6 NJ	0.9	9.8	0.2 U	3.9	0.26 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.5	0.2 U	9.4	1.5	1.3	0.34	7.9	0.2 U	0.53	0.26 U
10/9/2012	0.6	0.14 U	0.11 U	0.081 U	0.2	0.16 U	0.68	0.46	0.55	2.2	0.72	0.14 U	1	0.079 U	3.3	0.1 U
1/3/2013	0.69	0.069 U	0.055 U	0.04 U	0.21	0.081 U	0.56	0.3	0.48	2	0.61	0.15	1.1	0.04 U	2.6	0.051 U
3/28/2013	0.22 J	0.069 UJ	0.055 U	0.04 U	0.063 NJ	0.081 U	0.15	0.05	0.043 U	0.087 UJ	0.043 UJ	0.068 U	0.038 U	0.04 U	0.38	0.051 U
6/19/2013	0.15	0.069 U	0.055 U	0.04 U	0.08	0.081 U	0.16	0.04 U	0.28	1.1	0.33	0.068 U	1	0.04 U	0.5	0.051 U
9/19/2013	0.45	0.069 U	0.055 U	0.04 U	0.094 U	0.081 U	0.41	0.41 U	0.059	0.087 U	0.043 U	0.068 U	0.67	0.04 U	2.3	0.051 U
12/18/2013	0.62 J	0.14 UJ	0.11 UJ	0.081 UJ	0.18 J	0.16 UJ	0.94 J	0.5 J	0.53 J	0.88 J	0.32 J	0.14 UJ	1.2 J	0.079 UJ	4.7 J	0.1 UJ
3/20/2014	0.21 NJ	0.069 U	0.055 U	0.04 U	0.082	0.1	0.77	0.31	0.25	0.8	0.28	0.13	1.2	0.04 U	1.8	0.051 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.21	0.04 U	0.47	1.6	0.51	0.079	1.3	0.04 U	0.2	0.051 U
9/23/2014	0.82 NJ	0.069 U	0.055 U	0.04 U	0.3	0.081 U	0.43	0.55	0.99	3.8	1.5	0.1	3.4	0.04 U	3	0.051 U
12/16/2014	0.92	0.14 U	0.11 U	0.081 U	0.28	0.16 U	0.9	1	1.1	3	1.2 J+	0.14 U	3.4	0.079 U	9.4	0.1 U

Sample ID	SVSS-B13-01															
Description	BUILDING 13 SUB-SLAB VAPOR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/17/2003	18	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	3.6	0.056 U	1.5	22	6.6	37	11	0.056 U	2.8	0.02 U
2/14/2006	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	7.9 U	8.7 U	22 U	8.7 U	14 U	7.5 U	7.9 U	11 U	5.1 U
12/12/2006	8.2	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	13	0.75 U	0.79 U	1.3	0.51 U
12/11/2007	3.9	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	5.8	0.75 U	0.79 U	1.1	0.51 U
12/18/2008	3.5	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.67	0.79 U	0.87 U	2.2 U	0.87 U	3.5	1.3	0.79 U	1.6	0.51 U
12/17/2009	3.2	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	3.3	0.75 U	0.79 U	1.1	0.51 U
12/28/2010	2.1	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.68	0.79 U	0.87 U	2.2 U	0.87 U	2.6	1.1	0.79 U	2.1	0.51 U
12/20/2011	5.5 U	6.9 U	5.5 U	4 U	4 U	4 U	3.2 U	4 U	4.3 U	11 U	4.3 U	6.8 U	3.8 U	4 U	5.4 U	2.6 U
12/19/2012	2.2	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	1.2	0.79 U	0.87 U	2.2 U	0.87 U	4.2	2	0.79 U	1.1 U	0.51 U
12/18/2013	1.4	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	4.6	0.75 U	0.79 U	1.6	0.51 U
12/16/2014	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	1.1 U	0.51 U

Notes:

All values are shown in units of micrograms per cubic meter (µg/m³).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

NJ - Tentative in identification and estimated

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B13A-01															
Description	BUILDING 13A INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.58	0.14 U	0.1 U	0.08 U	0.054	0.08 U	2.6	1.2	3.1	9.6	3.1	20	12	0.056 U	11	0.02 U
10/2/2003	1.9	0.069 U	0.055 U	0.04 U	0.25	0.04 U	1.8	3.1	0.78	2.6	0.043 U	3.9	4.1	0.04 U	12	0.026 U
1/20/2004	1	0.21 U	0.16 U	0.12 U	0.12 U	0.12 U	1.2	1.5	0.56	1.7	0.56	2.2	2.6	0.12 U	7	0.077 U
2/14/2006	0.93	0.069 U	0.055 U	0.04 UJ	0.12	0.04 U	2.7	0.91	3.9	12	3.9	2.9	6.8 J	0.04 U	15	0.049 J
6/28/2006	0.23	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.4	0.67	4.8	21	8.3	8.1	4.5	0.16 U	2.2	0.2 U
9/13/2006	1.5	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.5	1.8	3	11	4.3	8.1	6	0.16 U	15	0.2 U
12/12/2006	1.1	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	6.7	1.8	3.7	9.1	3	6.8	9	0.16 U	19	0.2 U
3/20/2007	1.1	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	3.5	1.4	1.9	6.1	2.1	3	8.7	0.12 U	10	0.15 U
6/21/2007	0.41	0.082 U	0.065 U	0.049 U	0.095	0.1 U	1.2	1.1	3.7	9.6	3.5	5.2	4.1	0.048 U	3.1	0.064 U
9/19/2007	0.45	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.3	1.3	2.6	9.1	3.1	1.3	3.5	0.079 U	6.4	0.1 U
12/11/2007	0.93	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.5	1.7	1.3	4.3	1.5	8.1	4.5	0.16 U	12	0.2 U
3/26/2008	0.27	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.9	0.95	1.4	5.2	1.8	1.2	4.9	0.079 U	5.2	0.1 U
6/17/2008	0.25	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.7	0.75	4.3	17	6.1	0.75	4.5	0.079 U	1.9	0.1 U
9/24/2008	1.3	0.069 U	0.055 U	0.04 U	0.33	0.081 U	0.7	0.48	0.96	3.5	1.1	0.25	3.3	0.04 U	3.3	0.051 U
12/18/2008	1.3	0.14 U	0.11 U	0.081 U	0.28	0.16 U	1.3	0.56	0.52	1.7	0.61	0.22	2.4	0.079 U	4.7	0.1 U
3/26/2009	0.65	0.1 U	0.082 U	0.061 U	0.14	0.12 U	2.1	1.2	1.6	5.6	1.8	0.88	4.1	0.059 U	8.1	0.077 U
6/25/2009	0.35	0.17 U	0.14 U	0.1 U	0.11	0.2 U	1.9	0.48	2.7	9.1	2.6	0.5	7.9	0.099 U	3.3	0.13 U
9/23/2009	0.35	0.14 U	0.11 U	0.081 U	0.11	0.16 U	2.3	0.59	2	6.9	2.2	0.54	5.3	0.079 U	3.4	0.1 U
12/17/2009	1.5	0.069 U	0.055 U	0.065	0.37	0.081 U	0.54	0.25	0.36	1.2	0.38	0.095	0.94	0.04 U	2.7	0.051 U
3/24/2010	1.3	0.069 U	0.055 U	0.061	0.4	0.081 U	0.67	0.4	0.61	2	0.65	0.19	1.9	0.04 U	2.1	0.051 U
6/22/2010	0.82	0.1 U	0.082 U	0.061 U	0.25	0.12 U	1.2	0.67	2.8	9.6	3 J	0.41	4.5	0.059 U	4.7	0.077 U
9/22/2010	0.26 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	3.1	1.1	1.4	4.6	1.6	1.2	7.1	0.099 U	3.4	0.13 U
12/28/2010	0.75	0.069 U	0.055 U	0.041 NJ	0.2	0.081 U	1.3	0.096	0.26	0.67	0.24	0.14	1.4	0.04 U	2.3	0.051 U
3/23/2011	0.54	0.069 U	0.055 U	0.04 U	0.12	0.081 U	0.75	0.39	0.47	1.7	0.59	0.62	1.2	0.04 U	1.8	0.051 U
6/22/2011	0.33 NJ	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.5	0.4	1.8	6.8	2.2	2.9	3	0.079 U	2.4	0.1 U
9/21/2011	0.46	0.069 U	0.055 U	0.04 U	0.12	0.081 U	1.7	0.51 NJ	1.4	5.4	1.9	0.57	3	0.04 U	1.4	0.051 U
12/20/2011	0.5	0.069 U	0.055 U	0.04 U	0.17 NJ	0.081 U	0.97	0.25	1.2	2.7	1.1 NJ	1.4	3.1	0.04 U	2.7	0.051 U
3/28/2012	0.36	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.8	0.52	5.8	2.5	1.4 NJ	0.66	7.9	0.2 U	3.2	0.26 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.4	0.2 U	9.6	3.1	1.8 U	0.35	8	0.2 U	0.72	0.26 U
10/9/2012	0.33	0.069 U	0.055 U	0.04 U	0.12	0.081 U	0.44	0.25	0.69	2.5	0.89	0.068 U	1	0.04 U	1.6	0.051 U
1/3/2013	0.58	0.069 U	0.055 U	0.04 U	0.18	0.081 U	0.51	0.28	0.45	1.8	0.55	0.078	2	0.04 U	3.7	0.051 U
3/28/2013	0.34	0.069 UJ	0.055 U	0.04 U	0.086 J	0.087	0.55	0.17	0.66	0.75 J	0.3 J	0.068 U	0.62	0.04 U	1	0.051 U
6/19/2013	0.13	0.069 U	0.055 U	0.04 U	0.08	0.081 U	0.29	0.04 U	0.11	0.2	0.049	1.2	1.1	0.04 U	0.53	0.051 U
9/19/2013	0.72	0.069 U	0.055 U	0.04 U	0.18 U	0.082 NJ	0.55	0.43 NJ	0.99	3.1	1.1	0.11	2.1	0.04 U	2.1	0.051 U
12/18/2013	0.58	0.14 U	0.11 U	0.081 U	0.12	0.16 U	0.95	0.61	0.56	1.2	0.41	0.14 U	1.4	0.079 U	5.3	0.1 U
3/20/2014	0.23 NJ	0.069 U	0.055 U	0.04 U	0.075 NJ	0.1	0.75	0.34	0.29	0.95	0.33	0.15	1.2	0.04 U	2.1	0.051 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.04 U	0.68	2.3	0.77	0.24	2.1	0.04 U	0.24	0.051 U
9/23/2014	0.61 NJ	0.14 U	0.11 U	0.081 U	0.25	0.16 U	0.46	0.38	0.88	2.8	1.2	0.14 U	4.3	0.079 U	2.2	0.1 U
12/16/2014	1	0.14 U	0.11 U	0.081 U	0.3	0.16 U	0.88	1.1	1.2	3.8	1.6 J+	0.14 U	3.5	0.079 U	8.3	0.1 U

Sample ID	SVSS-B13A-01																
Description	BUILDING 13A SUB-SLAB VAPOR																
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	
	7/17/2003	1.4	0.28 U	0.2 U	0.16 U	0.08 U	0.16 U	0.32	1.2	0.17 U	0.59	0.24	5.1	0.35	0.11 U	53	0.04 U
	2/14/2006	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	7.9 U	8.7 U	22 U	8.7 U	14 U	7.5 U	7.9 U	34	5.1 U
	12/12/2006	1.9	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	11	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	64	0.51 U
	12/11/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	1.1 U	0.51 U
	12/18/2008	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	1.1 U	0.51 U
	12/17/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	1.1 U	0.51 U
	12/28/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	1.1 U	0.51 U
	12/20/2011	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	1.1	0.79 U	1.1 U	0.51 U
	12/19/2012	1.3	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	1.1 U	0.51 U
12/18/2013	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	11 J	0.75 U	0.79 U	8.2	0.51 U	
12/16/2014	2.5	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	3.1	1.4	0.79 U	1.1	0.51 U	

Notes:

All values are shown in units of micrograms per cubic meter (µg/m³).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

NJ - Tentative in identification and estimated

Table 3
Building 7 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID Description	IA-B7-01																
	BUILDING 7 WAREHOUSE INDOOR AIR																
Volatile Organic Compound	1,1,1- Trichloroethane	1,1,2,2- Tetrachloroethane	1,1,2- Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	cis-1,2- Dichloroethene	Ethylbenzene	m,p-Xylene		o-Xylene	Tetrachloroethene	Toluene	trans-1,2- Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.42	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	1.1	0.21	1.1	3.6		1.3	0.62	7	0.056 U	2.7	0.02 U
10/2/2003	0.45	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	1.4	0.95	1.6	3		0.87	0.62	2.5	0.2 U	13	0.13 U
1/20/2004	0.35	0.21 U	0.16 U	0.12 U	0.12 U	0.12 U	2.5	1	2.6	10		3.1	2.2	9.4	0.12 U	5.9	0.077 U
3/31/2005	0.15	0.069 U	0.055 U	0.04 U	0.04 U	1.4	1.2	0.12	0.74	3		1.1	0.28	3.4	0.04 U	1	0.026 U
12/12/2006	0.28	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	6.1	0.52	2.6	9.1		3.2	4.5	16	0.2 U	5.9	0.26 U
3/20/2007	0.43	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	3.5	0.95	0.87	2.8		1	2.4	5.3	0.2 U	18	0.26 U
6/21/2007	0.055	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.095	0.24	0.74		0.24	0.19	1.4	0.04 U	0.64	0.051 U
9/19/2007	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.42	0.075	0.23	0.56		0.22	0.14	1.4	0.04 U	1.1	0.051 U
12/11/2007	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2	0.63	0.78	2.5		0.87	3	5.3	0.12 U	3.9	0.15 U
3/26/2008	0.14	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.2	0.75	0.87	3.2		1.1	0.75	7.2	0.079 U	9.7	0.1 U
6/17/2008	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.2	0.44	1.3	4.8		1.7	0.35	6.8	0.079 U	1.5	0.1 U
9/25/2008	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	1.2	0.12	1.1	4		1.6	0.28	8.3	0.12 U	1.2	0.15 U
12/18/2008	0.6 U	0.76 U	0.6 U	0.45 U	0.44 U	0.89 U	5.8	0.52	4.3	14		4.8	0.75 U	27	0.44 U	6.4	0.56 U
3/26/2009	0.18 U	0.23 U	0.18 U	0.13 U	0.13 U	0.27 U	2.1	4.4	0.91	3.1		1.2	0.36	8.3	0.13 U	4.8	0.95
6/25/2009	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.8	0.34 NJ	2.1	6.5		2.4	0.34 U	13	0.2 U	2.5	0.26 U
9/23/2009	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.1	0.067	0.74	2.2		0.83	0.1 U	4.5	0.059 U	0.7	0.077 U
12/17/2009	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.8	0.26	1.5	5.6		2.1	0.14 U	7.2	0.079 U	5.4	0.1 U
3/24/2010	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	3.2	0.75	1.9	6.9		2.4	1.2	11	0.12 U	4.7	0.15 U
6/22/2010	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	0.73	0.099	0.61	2		0.87 J	0.17 U	4.9	0.099 U	1.1	0.13 U
9/22/2010	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	1.7	0.24 U	1.1	3.4		1.3	0.41 U	9.7	0.24 U	1.3	0.31 U
12/28/2010	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2	0.66	0.79	2.5		0.85	0.38	6.3	0.12 U	8.9	0.15 U
3/23/2011	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.7	0.14	0.89	3		0.98	0.19	4.2	0.079 U	1.6	0.1 U
6/22/2011	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.1	0.16 U	1.5	5.3		2	0.3	9.9	0.16 U	1	0.2 U
9/21/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.9	0.083	0.85	3.1		1.1	0.1	3.7	0.04 U	1.3	0.051 U
12/20/2011	0.055 U	0.099 U	0.055 U	0.04 U	0.04 U	0.094	0.87	0.17	0.68	2.6		0.99	3.4	2.7	0.04 U	3.5	0.051 U
3/28/2012	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	2.7	0.4 U	2.1	5.6		2	8.1	17	0.4 U	1.6	0.51 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.8	0.2 U	1	2.3		0.84	3.6	3.4	0.2 U	0.93	0.26 U
10/9/2012	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.3	0.3	0.74	2.4		0.8	0.27 U	5.7	0.16 U	11	0.2 U
1/3/2013	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1	0.64	0.44	1.3		0.5	0.34 U	2.8	0.2 U	20	0.26 U
3/28/2013	0.11	0.097 UJ	0.077 U	0.057 U	0.22 U	0.16	1	0.46	0.48	1.3 J		0.52 J	0.15	2.3	0.056 U	4.1	0.073 U
6/19/2013	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.33	0.28 NJ	0.44	1.5		0.55	0.14 U	3.5	0.079 U	1.2	0.1 U
9/19/2013	1.3 NJ	0.069 U	0.055 U	0.04 U	0.98	0.081 U	0.4	0.14	0.28	0.77		0.28	0.12	2.5	0.04 U	3.8	0.051 U
12/18/2013	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	1.2	0.4	0.5	1.7		0.53	0.17 U	4.2	0.099 U	9.1	0.13 U
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.16	1.1	0.26	0.38	1.3		0.43	0.1	2.7	0.04 U	2.2	0.051 U
6/18/2014	0.091 U	0.11 U	0.091 U	0.068 U	0.066 U	0.14 U	0.88	0.2	0.95	3.6		0.98	0.11 U	5.4	0.066 U	1	0.085 U
9/23/2014	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.39	0.18	0.27	0.89		0.31	0.1 U	4.2	0.059 U	2.1	0.077 U
12/16/2014	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.28	0.96	0.12 U	0.54	1.8		0.62 J+	0.1	2.8	0.059 U	3.4	0.077 U

Sample ID Description	SVSS-B7-01																
	BUILDING 7 SUB-SLAB VAPOR																
Volatile Organic Compound	1,1,1- Trichloroethane	1,1,2,2- Tetrachloroethane	1,1,2- Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	cis-1,2- Dichloroethene	Ethylbenzene	m,p-Xylene		o-Xylene	Tetrachloroethene	Toluene	trans-1,2- Dichloroethene	Trichloroethene	Vinyl Chloride
7/17/2003	33 U	41 U	33 U	24 U	24 U	24 U	19 U	24 U	26 U	26 U	27 U	40	22 U	24 U	3300	15 U	
12/12/2006	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	7.9 U	8.7 U	22 U	8.7 U	17	7.5 U	7.9 U	1700	5.1 U	
3/20/2007	4.4 U	5.5 U	4.4 U	3.2 U	3.2 U	3.2 U	2.6 U	3.2 U	3.5 U	8.7 U	3.5 U	8.1	3 U	3.2 U	470	2 U	
6/21/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.7	1.2	0.79 U	11	0.51 U	
9/19/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.79	0.79 U	12	0.51 U	
12/11/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	12	0.51 U	
3/26/2008	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	70	0.51 U	
6/17/2008	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	2	0.75 U	0.79 U	64	0.51 U	
9/24/2008	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	1.2	0.79 U	24	0.51 U	
12/18/2008	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	40	0.51 U	
3/26/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	2	0.75 U	0.79 U	59	0.51 U	
6/25/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	2.2	1.1	0.79 U	59	0.51 U	
9/23/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.5	0.75 U	0.79 U	64	0.51 U	
12/17/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.67	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	2.5	0.79 U	70	0.51 U	
3/24/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	1.7 U	0.87 U	1.4 U	0.75 U	0.79 U	43	0.51 U	
6/22/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	1.7 U	0.87 U	2.6	0.75 U	0.79 U	100	0.51 U	
9/22/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	30	0.51 U	
12/28/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	2.2	0.75 U	0.79 U	19	0.51 U	
3/23/2011	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.7	0.94	0.79 U	28	0.51 U	
6/22/2011	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.7	0.85	2.8	1.7	0.79 U	43	0.51 U	
9/21/2011	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	1	0.79 U	2.5	10	3.4	1.4 U	15	0.79 U	13	0.51 U	
12/20/2011	1.1 UJ	1.4 UJ	1.1 UJ	0.81 UJ	0.79 UJ	0.81 UJ	0.64 UJ	0.79 UJ	0.87 UJ	2.2 UJ	0.87 UJ	3.8 J	0.75 UJ	0.79 UJ	23 J	0.51 UJ	
12/19/2012	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	5.6	0.8	0.79 U	23	0.51 U	
12/18/2013	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	20	0.51 U	
12/16/2014	5	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	1.1	0.87 U	2.2 U	0.87 U	19	1	0.79 U	30	0.51 U	

Sample ID Description	IA-B7-02 BUILDING 7 OFFICE INDOOR AIR																
	Volatile Organic Compound	1,1,1- Trichloroethane	1,1,2,2- Tetrachloroethane	1,1,2- Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	cis-1,2- Dichloroethane	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethane	Toluene	trans-1,2- Dichloroethane	Trichloroethane	Vinyl Chloride
9/21/2011		0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.38	0.04 U	0.21	0.63	0.21	0.068 U	1.4	0.04 U	0.82	0.051 U
12/20/2011		0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.5	0.17	0.57	1.7	0.62	2	14	0.16 U	3.8	0.2 U
3/28/2012		0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.49	3	0.12 U	1.5	3.9	1.4	9.5	6.3	0.12 U	1.8	0.15 U
6/14/2012		0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	1.3	1.8	0.19 NJ	3.9	9.7	3.3	2.6	6.7	0.079 U	1.2	0.1 U
10/9/2012		0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.43	0.6	0.16 U	0.37	0.94	0.35	0.27 U	1.5	0.16 U	6.8	0.2 U
1/3/2013		0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.92	0.47	0.35	0.96	0.38	0.34 U	2.1	0.2 U	18	0.26 U
3/28/2013		0.11 U	0.14 U	0.11 U	0.081 U	0.32 U	0.44	0.82	0.38	0.83	1 J	0.54 NJ	0.14 U	2	0.079 U	4.6	0.1 U
6/19/2013		0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.82	0.37	0.04 U	0.79	2.3	0.89	0.1	3.6	0.04 U	1.4	0.051 U
9/19/2013		0.17 NJ	0.069 U	0.055 U	0.04 U	0.12	0.61	0.51	0.094 U	0.38	0.92	0.31	0.1	1.7	0.04 U	2.8	0.051 U
12/18/2013		0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.35	0.98	0.43	0.4	0.89	0.29	0.27 U	3.2	0.16 U	12	0.2 U
3/20/2014		0.45 U	0.57 U	0.45 U	0.34 U	0.33 U	0.67 U	0.37	0.33 U	0.36 U	0.72 U	0.36 U	0.56 U	0.4	0.33 U	3.0	0.43 U
6/18/2014		0.18 U	0.23 U	0.18 U	0.13 U	0.13 U	0.27 U	0.47	0.26	1	3.7	0.95	0.23 U	7.3	0.13 U	1.3	0.17 U
9/23/2014		0.43 U	0.55 U	0.43 U	0.32 U	0.31 U	0.64 U	0.31	0.31 U	0.34 U	0.69 U	0.34 U	0.54 U	7.8	0.31 U	1.1	0.41 U
12/16/2014		0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	1.18 J+	0.94	0.16 NJ	0.42	1.3	0.47	0.18	2.5	0.079 U	7.2	0.1 U

Table 4
Building 10 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B10-01															
Description	BUILDING 10 INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.2	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	0.9	0.7	0.59	1.8	0.69	6.4	4.3	0.056 U	4	0.02 U
10/2/2003	1.4	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	3.1	4	0.91	2.8	1	5.2	5.3	0.4 U	30	0.26 U
1/20/2004	0.5	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	3.5	4.4	6.9	29	6.9	8.1	8.7	0.2 U	26	0.13 U
2/14/2006	0.55	0.069 U	0.055 U	0.04 UJ	0.075	0.04 U	3.8	1.4	1.7	4.3	2.3	22	4.9 J	0.044	45	0.074 J
6/28/2006	0.25	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.2	4	1.6	6.1	2.5	20	4.5	0.16 U	9.7	0.2 U
9/13/2006	0.29	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.2	0.95	0.65	2	0.74	4.1	3.5	0.16 U	15	0.2 U
12/12/2006	1	0.55 U	0.44 U	0.32 U	0.32 U	0.65 U	7	2.6	2.4	6.9	2.5	10	9.4	0.32 U	32	0.41 U
3/20/2007	0.76	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	6.4	1.9	1	3.5	1.1	6.2	6	0.16 U	17	0.2 U
6/21/2007	0.13	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.67	0.63	0.39	1.3	0.43	2.5	1.6	0.04 U	2.4	0.051 U
9/19/2007	0.082	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.58	0.38	0.24	0.61	0.21	0.43	1.1	0.04 U	3	0.051 U
12/11/2007	0.65	0.55 U	0.44 U	0.32 U	0.32 U	0.65 U	2.6	2.8	0.74	2.5	0.91	9.5	3.8	0.32 U	24	0.41 U
3/26/2008	0.27	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	2.8	2.5	0.74	2.8	0.87	2.8	4.5	0.099 U	10	0.13 U
6/17/2008	0.24	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	0.77	3.2	1.9	6.9	2.3	1.7	2.6	0.099 U	5.4	0.13 U
9/24/2008	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	0.7	0.75	0.42	1.4	0.52	12	2.2	0.099 U	4.3	0.13 U
12/18/2008	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	4.2	2.9	1.7	6.5	2.1	1	11	0.4 U	37	0.51 U
3/26/2009	0.43 U	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	4.2	3.2	2.1	7.4	2.4	1.2	11	0.31 U	31	0.41 U
6/25/2009	0.43	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	4.5	7.5	4.8	18	6.1	3.1	28	0.31 U	13	0.41 U
9/23/2009	0.12	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.4	2.2	0.69	2.3	0.87	0.66	2.8	0.04 U	3.8	0.087
12/17/2009	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	1.6 U	3.2	3.5	1.4	4.3	1.6	1.4 U	7.2	0.79 U	64	1 U
3/24/2010	0.25	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2.5	4.4	2.1	8.7	2.9	1.5	7.2	0.12 U	11	0.15 U
6/22/2010	0.16	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.2	1.8	0.83	3	1 J	0.75	2.2	0.04 U	4.4	0.056 NJ
9/22/2010	0.13 NJ	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.7	1.8	0.89	3.2	1	0.5	5.1	0.079 U	5	0.1 U
11/16/2010	0.91 U	1.1 U	0.91 U	0.68 U	0.66 U	1.4 U	4.9	4.5	2.3	7.2	2.5	73	14	0.66 U	21	0.85 U
12/28/2010	0.34 U	0.43 U	0.34 U	0.25 U	0.25 U	0.51 U	4.1	2.3	0.72	2.2	0.84	0.71	3.9	0.25 U	20	0.32 U
3/23/2011	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	2.6	0.96	1.1	2.9	1	0.64	3.7	0.099 U	11	0.13 U
6/22/2011	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.3	0.31	0.74	2.4	0.84	0.79	3.8	0.079 U	0.61	0.1 U
9/21/2011	0.071 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.84	0.64	0.61	2	0.7	0.19	1.5	0.04 U	1.4	0.051 U
12/20/2011	0.21	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	1.7	1.3	0.93	2.5	0.95	3.2	2	0.099 U	13	0.13 U
3/28/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.8	0.7	1.9	4.1	1.4	5.5	7.2	0.2 U	5.2	0.26 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	1.5	0.81	1.6	1.5	0.59	5.9	2.9	0.2 U	0.84	0.26 U
10/9/2012	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	1.5	0.81	0.46	1.2	0.43 U	0.68 U	0.98	0.4 U	23	0.51 U
1/3/2013	0.41 U	0.51 U	0.41 U	0.3 U	0.3 U	0.6 U	0.9	1.6	0.32 U	1.1	0.43 J	0.51 U	1.2	0.3 U	27	0.38 U
3/28/2013	0.16	0.086 UJ	0.068 U	0.051 U	0.2 U	0.1 U	0.86	0.72	0.47	0.77 J	0.33 J	0.085 U	1	0.05 U	5.1	0.064 U
6/19/2013	0.15	0.069 U	0.055 U	0.04 U	0.043	0.081 U	0.18	0.96	0.063	0.16	0.044	0.25	0.7	0.04 U	0.84	0.051 U
9/19/2013	0.13	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.36	0.58	0.19	0.56	0.2	0.13	0.81	0.04 U	5.4	0.051 U
12/18/2013	0.44 U	0.55 U	0.44 U	0.33 U	0.32 U	0.65 U	0.91	1.1	0.35 U	0.7 U	0.35 U	0.55 U	1.3	0.32 U	22	0.41 U
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.032 U	0.2	0.043 U	0.087 U	0.043 U	0.068 U	0.038 U	0.04 U	0.054 U	0.051 U
6/18/2014	0.099	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.28	1.1	0.42	1.5	0.55	0.11	1.3	0.04 U	1	0.051 U
9/23/2014	0.32 U	0.1 U	0.082 U	0.061 U	0.075	0.12 U	0.42	1.5	0.38	1.3	0.48	0.1 U	1.8	0.059 U	5.1	0.077 U
12/16/2014	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.92	1.2	0.34	0.85	0.25	0.34	1.9	0.2 U	20	0.26 U

Sample ID	SVSS-B10-01															
Description	BUILDING 10 SUB-SLAB VAPOR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/17/2003	26 U	32 U	26 U	19 U	19 U	19 U	15 U	38	20 U	20 U	21 U	32 U	18 U	19 U	2700	12 U
2/14/2006	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	11	8.7 U	22 U	8.7 U	14 U	7.5 U	7.9 U	1100	5.1 U
12/12/2006	16 U	21 U	16 U	12 U	12 U	12 U	9.6 U	26	13 U	33 U	13 U	20 U	11 U	12 U	3200	7.7 U
12/11/2007	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	14	8.7 U	22 U	8.7 U	14 U	7.5 U	7.9 U	1800	5.1 U
6/18/2008	28 U	35 U	28 U	21 U	20 U	21 U	16 U	20 U	22 U	56 U	22 U	35 U	19 U	20 U	2300	13 U
12/18/2008	8.7 U	11 U	8.7 U	6.5 U	6.3 U	6.5 U	5.1 U	6.7	6.9 U	17 U	6.9 U	11 U	6 U	6.3 U	1700	4.1 U
12/17/2009	8.7 U	11 U	8.7 U	6.5 U	6.3 U	6.5 U	5.1 U	6.3	6.9 U	17 U	6.9 U	11 U	6 U	6.3 U	1200	4.1 U
12/28/2010	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	2.9	0.87 U	2.2 U	0.87 U	3.6	3.7	0.79 U	130	0.51 U
12/20/2011	1.1 UJ	1.4 UJ	1.1 UJ	0.81 UJ	0.79 UJ	0.81 UJ	0.64 UJ	0.79 UJ	0.87 UJ	2.2 UJ	0.87 UJ	6.5 J	1.3 J	0.79 UJ	34 J	0.51 UJ
12/19/2012	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	22	0.51 U
12/18/2013	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	1.4 U	0.75 U	0.79 U	11	0.51 U
12/16/2014	6.6	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	19	4	12	34	10	4.5	66	0.79 U	51	0.51 U

Notes:

All values are shown in units of micrograms per cubic meter (µg/m³).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

NJ - Tentative in identification and estimated

Table 4
Building 10 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B10A-01															
Description	BUILDING 10A INDOOR AIR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.3	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	2.3	0.89	2.1	7.5	2.7	7.6	11	0.056 U	4.5	0.02 U
10/2/2003	1.1	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	1.5	2.2	0.65	2	0.74	2.7	3.3	0.2 U	12	0.13 U
1/20/2004	0.49	0.21 U	0.16 U	0.12 U	0.12 U	0.15	2.7	4.8	2.3	9.1	2.4	5.4	6	0.12 U	19	0.1
2/14/2006	0.49 J	0.069 U	0.055 U	0.04 U	0.056	0.04 U	2.8	1.1	1.3	3.4	1.8	6	3.8 J	0.04 U	32	0.066 J
6/28/2006	0.29	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	2.7	4.8	2.3	9.1	3.6	22	6.4	0.2 U	9.1	0.26 U
9/13/2006	0.34	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.4	0.38	0.69	2.3	0.78	3	2.8	0.079 U	7	0.1 U
12/12/2006	1.4	0.55 U	0.44 U	0.32 U	0.32 U	0.65 U	7.7	3	2.8	7.8	2.5	12	10	0.32 U	32	0.41 U
3/20/2007	0.76	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	3.8	1.9	0.78	2.9	1	6.1	4.9	0.16 U	15	0.2 U
6/21/2007	0.21	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.64	1.3	0.52	1.7	0.56	3.2	2.4	0.04 U	3	0.051 U
9/19/2007	0.27	0.082 U	0.065 U	0.049 U	0.048 U	0.1 U	0.7	1.2	0.42	1.3	0.48	0.81	1.5	0.048 U	4.9	0.064 U
12/11/2007	0.82	0.41 U	0.33 U	0.24 U	0.24 U	3.1	2.6	3.3	0.78	2.2	0.69	12	4.1	0.24 U	23	0.31 U
3/26/2008	0.28	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.7	3.2	0.87	3.2	1.1	2.6	4.5	0.079 U	9.7	0.1 U
6/17/2008	0.19	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.64	1.4	1.4 NJ	5.2	1.8	1.2	2.1	0.079 U	2.8	0.1 U
9/24/2008	0.19	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	0.83	1.5	0.48	1.8	0.65	3.1	2.3	0.059 U	4.8	0.077 U
12/18/2008	0.51	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	3.5	3.3	1.5	6.1	1.9	1.3	8.7	0.24 U	19	0.31 U
3/26/2009	0.43 U	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	4.2	5.2	2.3	9.6	3	1.8	12	0.31 U	21	0.41 U
6/25/2009	0.65	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	4.5	8.7	5.2	17	5.2	4.1	28	0.31 U	15	0.41 U
9/23/2009	0.28	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	2.6	4	1	3.4	1.2	1.8	4.5	0.059 U	4.6	0.12
12/17/2009	0.43 U	0.54 U	0.43 U	0.32 U	0.31 U	0.65 U	2.9	4	1.3	4.8	1.6	0.88	7.2	0.31 U	25	0.41 U
3/24/2010	0.28	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2.7	5.2	2.5	10	3.6	1.1	8.3	0.12 U	9.7	0.15 U
6/22/2010	0.34	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.3	4.4	1.2	4.8	1.6 J	1.4	4.1	0.059 U	6.4	0.095 NJ
9/22/2010	0.17	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	1.9	1.9	0.91	3.2	1.1	0.72	5.3	0.12 U	3.8	0.15 U
12/28/2010	0.29	0.21 U	0.17 U	0.13 U	0.12 U	0.25 U	5.9	3.6	1.1	3.4	1.2	0.97	6.4	0.12 U	13	0.16 U
3/23/2011	0.24	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.2	1.9	1.1	3.6	1.2	0.8	4.9	0.079 U	5.7	0.1 U
6/22/2011	0.14 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.9	0.51	0.75	2.6	0.93	1.2	2.2	0.04 U	0.91	0.051 U
9/21/2011	0.14 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.3	0.67	0.61	2.1	0.76	0.24	1.7	0.04 U	1.1	0.051 U
12/20/2011	0.28	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	1.8	2.1	0.98	3.3	1.2	3.7	2.7	0.099 U	8	0.13 U
3/28/2012	0.17	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	2.6	1.3	2.3	4.6	1.7	3.7	5.6	0.12 U	5.7	0.15 U
6/14/2012	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.7	0.42	0.77	0.73	0.25	0.8	1.4	0.2 U	0.4	0.26 U
10/9/2012	0.37	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.81	1.3	0.38	1.1	0.37	0.27 U	0.76	0.16 U	7.9	0.2 U
1/3/2013	0.45	0.32 U	0.25 U	0.19 U	0.18 U	0.37 U	1.1	1.8	0.37	1.2	0.46	0.31 U	1.3	0.18 U	18	0.23 U
3/28/2013	0.22	0.069 UJ	0.055 U	0.04 U	0.04 U	0.082 NJ	0.97	1.3	0.57	1.1 J	0.48 J	0.23	1.3	0.04 U	2.7	0.051 U
6/19/2013	0.11	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.1	0.34	0.16	0.61	0.23	0.068 U	0.46	0.04 U	0.32	0.051 U
9/19/2013	0.25	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.37	0.67	0.25	0.91	0.32	0.089	0.89	0.04 U	3	0.051 U
12/18/2013	0.36	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.98	1.3	0.4	1.1	0.39	0.27 U	1.4	0.16 U	12	0.2 U
3/20/2014	0.27 NJ	0.069 U	0.055 U	0.04 U	0.044 NJ	0.1 NJ	1	1.3	0.34	1.1	0.4	0.2	1.3	0.04 U	4	0.051 U
6/18/2014	0.35	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.7	0.53	1.7	0.6	0.13	1.4	0.04 U	0.73	0.051 U
9/23/2014	0.52 U	0.069 U	0.055 U	0.04 U	0.12 NJ	0.081 U	0.47	1.7	0.52	1.9	0.7	0.076	2.1	0.04 U	4.4	0.051 U
12/16/2014	0.31	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.94	1.9	0.5	1.4	0.51	0.27 U	1.7	0.16 U	16	0.2 U

Sample ID	SVSS-B10A-01															
Description	BUILDING 10A SUB-SLAB VAPOR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/17/2003	14	3.2 U	2.3 U	2.5	0.9 U	1.8 U	3.4 U	10	2 U	3.8 U	2 U	920	3.2	1.3 U	120	0.45 U
2/14/2006	11 U	14 U	11 U	8.1 U	7.9 U	8.1 U	6.4 U	7.9 U	8.7 U	22 U	8.7 U	44	7.5 U	7.9 U	11 U	5.1 U
12/12/2006	3.4	1.4 U	1.1 U	2.1	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	140	2.6	0.79 U	20	0.51 U
12/11/2007	1.1	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	81	0.75 U	0.79 U	9.1	0.51 U
12/18/2008	2.5	1.4 U	1.1 U	1.5	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	95	0.75 U	0.79 U	10	0.51 U
12/17/2009	2.2	1.4 U	1.1 U	1.4	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	100	0.75 U	0.79 U	13	0.51 U
12/28/2010	2.5	1.4 U	1.1 U	1.8	0.79 U	0.81 U	0.64 U	0.79 U	1	4	1.7	49	3.3	0.79 U	13	0.51 U
12/20/2011	2.3	1.4 U	1.1 U	1.8	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	50	0.96	0.79 U	12	0.51 U
12/19/2012	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	1.6	0.79 U	0.87 U	2.2 U	0.87 U	20	1.8	0.79 U	5.7	0.51 U
12/18/2013	2.1	1.4 U	1.1 U	1.1	0.79 U	0.81 U	0.64 U	0.79 U	0.87 U	2.2 U	0.87 U	34	0.75 U	0.79 U	7.3	0.51 U
12/16/2014	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	0.81 U	0.84	2.3	2	8.1	2.6	6.3	1.7	0.79 U	9.5	0.51 U

Notes:

All values are shown in units of micrograms per cubic meter (µg/m³).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

NJ - Tentative in identification and estimated

Table 5
Building 1A Basement and First Floor Indoor Air Sample Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B1A-01															
Description	BUILDING 1A FIRST FLOOR															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.63	0.14 U	0.1 U	0.08 U	0.04 U	0.95	1.8	0.89	3.4	12	3.5	25	52	0.056 U	6.9	0.02 U
10/2/2003	0.35 J	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	1.3	1.5	0.91	2.6	0.74	1.9	11	0.2 U	10	0.13 U
1/20/2004	0.19	0.14 U	0.11 U	0.081 U	0.079 U	0.14	0.89	0.59	0.61	1.7	0.56	8.1	2.8	0.079 U	2.1	0.051 U
12/12/2006	0.21	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	3.5	0.71	2	6.1	1.4	3.6	8.7	0.12 U	9.1	0.15 U
3/20/2007	0.26	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	2.3	0.75	0.78	2.6	0.61	0.88	3.4	0.16 U	12	0.2 U
6/21/2007	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.24	0.04 U	0.21	0.74	0.18	0.095	1.5	0.04 U	0.39	0.051 U
9/19/2007	1	0.69 U	0.55 U	0.4 U	0.4 U	0.97	1.2	0.67	3.8	12	2.1	2.4	17	0.4 U	3.4	1.6
12/11/2007	0.093	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.4	0.32	0.61	1.7	0.4	1.6	2.9	0.059 U	2.9	0.077 U
3/26/2008	0.098	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.4	0.28	0.74	2.6	0.69	0.75	1.9	0.059 U	4.9	0.077 U
6/17/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.14	0.04 U	0.65	2.6	0.74	0.068 U	2.1	0.04 U	0.059	0.051 U
9/24/2008	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.89	0.48	1	3.2	0.96	0.88	11	0.16 U	2.3	0.2 U
12/18/2008	0.16 U	0.21 U	0.16 U	0.12 U	0.12 U	0.24 U	4.8	0.59	0.78	2.9	1	0.56	6.8	0.12 U	9.7	0.15 U
3/26/2009	0.18 U	0.23 U	0.18 U	0.13 U	0.13 U	0.27 U	3.8	1	1.1	3.7	1.2	0.46	8.7	0.13 U	7	0.17 U
6/25/2009	0.18 U	0.23 U	0.18 U	0.13 U	0.13 U	0.27 U	1.7	0.27	1.1	3.8	1.1	0.22 U	7.2	0.13 U	0.59	0.17 U
9/23/2009	0.82 U	1 U	0.82 U	0.61 U	0.59 U	1.2 U	2.4	0.59 U	6.1	17	3.9	1 U	37	0.59 U	2.7	0.77 U
12/17/2009	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2.7	0.52	0.69	2.3	1.1	0.58	4.5	0.079 U	3.7	0.1 U
3/24/2010	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	1.3	1	1	3.2	0.83	0.6	4.9	0.079 U	7.5	0.1 U
6/22/2010	0.44 U	0.56 U	0.44 U	0.33 U	0.32 U	0.65 U	1.9	2.7	2	6.5	1.8	0.75	9	0.32 U	27	0.41 U
8/30/2010	0.069 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.7	0.094	0.67	2	0.67	0.13	3.4	0.04 U	1.5	0.051 U
9/22/2010	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	1.6	0.24 U	2.4	11	2.9	0.43	16	0.24 U	2.4	0.31 U
12/28/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.8	0.071	0.17	0.55	0.19	0.1	1.6	0.04 U	1.1	0.051 U
3/23/2011	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	2	0.59	0.45	1.3	0.46	0.58	2.5	0.079 U	6.8	0.1 U
6/22/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.35	0.04 U	0.48	1.3	0.47	0.11	3.5	0.04 U	0.26	0.051 U
9/21/2011	0.096 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.22	0.44	0.16	0.094	0.32	0.12	0.081	0.4	0.04 U	0.75	0.051 U
12/20/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.11	0.52	0.086	0.8	3.7	1.4	2.8	1.3	0.04 U	1.1	0.051 U
3/28/2012	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.32	0.079 U	0.38	0.82	0.29	0.18	3.5	0.079 U	1.3	0.1 U
6/14/2012	0.068 U	0.086 U	0.068 U	0.051 U	0.05 U	0.14	1.1	0.29	0.54	1.8	0.62	0.16	3.8	0.05 U	1.3	0.064 U
10/9/2012	0.28	0.21 U	0.16 U	0.12 U	0.12 U	0.33	0.83	0.55	0.74	2.4	0.74	1.1	4	0.12 U	5.2	0.15 U
1/3/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.09 NJ	0.96	0.12	0.18	0.51	0.17	0.28	2	0.04 U	1.6	0.051 U
3/28/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.16 U	0.081 U	0.93	0.08 U	0.12	0.29 J	0.1 NJ	0.071	1.1	0.04 U	0.95	0.051 U
6/19/2013	0.067	0.069 U	0.055 U	0.04 U	0.04 U	0.081	0.15	0.17 NJ	0.28	0.98	0.39	0.26	3.1	0.04 U	2.7	0.051 U
9/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.032 U	0.14	0.043 U	0.087 U	0.043 U	0.068 U	0.038 U	0.04 U	0.11	0.051 U
12/18/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.92	0.04 U	0.2	0.65	0.24	0.068 U	1.7	0.04 U	0.072	0.051 U
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.62	0.04 U	0.09	0.23	0.093	0.068 U	0.85	0.04 U	0.054 U	0.051 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.23	0.04 U	0.25	0.88	0.29	0.083	1.8	0.04 U	0.095	0.051 U
9/23/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.079	0.31	0.1	0.37	1.3	0.44	0.093	2.8	0.04 U	0.35	0.051 U
12/16/2014	0.084 U	0.069 U	0.055 U	0.04 U	0.04 U	0.094 J+	0.74	0.04 U	0.21	0.53	0.2	0.11	1.6	0.04 U	0.54	0.051 U

Sample ID	IA-B1A-BASE																
Description	BUILDING 1A BASEMENT																
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethane	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethane	Trichloroethene	Vinyl Chloride	
10/2/2003	0.6 J	0.69 U	0.55 U	0.4 U	0.4 U	0.4 U	0.77	5.2	0.43 U	1	0.43 U	1.8	3.1	0.4 U	160	0.26 U	
1/20/2004	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.2 U	1.1	0.71	0.3	0.74	0.27	3.1	1.5	0.2 U	9.1	0.13 U	
12/12/2006	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	2.7	2.8	1.7	5.2	1.3	3.8	6	0.4 U	45	0.51 U	
3/20/2007	1.1 U	1.4 U	1.1 U	0.81 U	0.79 U	1.6 U	3.5	4.8	0.87 U	2.1	0.87 U	1.4 U	3.3	0.79 U	81	1 U	
6/21/2007	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.35	0.14	1.4	3.7	0.83	0.24	4.5	0.079 U	2.1	0.1 U	
9/19/2007	0.43	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.45	0.29	0.48	1.4	0.32	1.1	2.2	0.079 U	7	0.1 U	
12/11/2007	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.1	1.5	0.48	1.4	0.37	1.2	1.9	0.16 U	20	0.2 U	
3/26/2008	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.73	1.1	0.32	0.91	0.3	0.56	1	0.16 U	17	0.2 U	
6/17/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.14	0.04 U	0.091	0.33	0.1	0.068 U	1.8	0.04 U	0.081	0.051 U	
9/24/2008	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.7	0.83	0.48	1.7	0.56	0.81	5.7	0.2 U	16	0.26 U	
12/18/2008	0.35 U	0.45 U	0.35 U	0.26 U	0.26 U	0.53 U	2	1.5	0.56	2.1	0.78	0.52	4.5	0.26 U	24	0.33 U	
3/26/2009	0.55 U	0.69 U	0.55 U	0.4 U	0.4 U	0.81 U	1.7	1.9	0.56	2.2	1.1	0.68 U	4.1	0.4 U	29	0.51 U	
6/25/2009	0.071	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	1.5	0.079	0.43	1.6	0.52	0.095	3.1	0.04 U	0.27	0.051 U	
9/23/2009	1.4 U	1.7 U	1.4 U	1 U	0.99 U	2 U	2.8	3.8	2.9	7.8	2	1.7 U	18	0.99 U	86	1.3 U	
12/17/2009	0.33 U	0.41 U	0.33 U	0.24 U	0.24 U	0.49 U	1.1	0.91	0.26 U	0.78	0.28	0.54	1.5	0.24 U	14	0.31 U	
3/24/2010	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.4 U	0.86	1.7	0.52	1.6	0.4	0.68	1.7	0.2 U	24	0.26 U	
6/22/2010	2.2 U	2.7 U	2.2 U	1.6 U	1.6 U	3.3 U	2.3	12	1.7 U	4.8	1.7 U	2.7 U	6	1.6 U	120	2.1 U	
8/30/2010	0.19 U	0.24 U	0.19 U	0.14 U	0.14 U	0.28 U	1.9	0.77	1.1	3.5	1.1	0.26	7.2	0.14 U	14	0.18 U	
9/22/2010	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.8	0.16 U	0.91	3.9	1.1	0.27 U	9.4	0.16 U	4.5	0.2 U	
12/28/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.96	0.074	0.17 NJ	0.53	0.17	0.18	2	0.04 U	1.8	0.051 U	
3/23/2011	0.82 U	1 U	0.82 U	0.61 U	0.59 U	1.2 U	4.4	5.2	0.65 U	1.3 U	0.65 U	1 U	1	0.59 U	67	0.77 U	
6/22/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.28	0.04 U	0.32	1.1	0.39	0.12	2.7	0.04 U	0.43	0.051 U	
9/21/2011	0.12 NJ	0.1 U	0.082 U	0.061 U	0.059 U	0.27 U	0.55	0.24	0.35	0.73	0.19	0.81	2.3	0.059 U	5.1	0.077 U	
12/20/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.49	0.11	0.43	2	0.79	1.6	0.71	0.04 U	1.6	0.051 U	
3/28/2012	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.47	0.52	0.18	0.58	0.2	0.28	1	0.16 U	11	0.2 U	
6/14/2012	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.73	0.24	0.46	1.5	0.52	0.2	2.6	0.079 U	5	0.1 U	
10/9/2012	0.11	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.28	0.22	0.11	0.37	0.13	0.36	0.69	0.079 U	4.5	0.1 U	
1/3/2013	0.16 U	0.42	0.16 U	0.12 U	0.12 U	0.24 U	0.74	0.21	0.19	0.57	0.23	0.25	6.6	0.12 U	3	0.15 U	
3/28/2013	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	1.1 J	0.32 U	0.23 NJ	0.56 NJ	0.64 U	0.29 J	4.4 J	0.16 U	2.4 J	0.2 U	
6/19/2013	0.22 U	0.27 U	0.22 U	0.16 U	0.16 U	0.32 U	0.16	0.58	0.24	0.82	0.37	0.35	2.5	0.16 U	13	0.2 U	
9/19/2013	1.2	0.098 U	0.078 U	0.058 U	0.04 U	0.082	0.12 U	0.34	0.43	0.33	0.97	0.34	0.29	4.2	0.057 U	7	0.073 U
12/18/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.8	0.04 U	0.16	0.45	0.15	0.068 U	1.4	0.04 U	0.07	0.051 U	
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.65	0.04 U	0.12	0.57	0.3	0.068 U	0.8	0.04 U	0.054 U	0.051 U	
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.23	0.04 U	0.28	0.97	0.33 NJ	0.096	1.8	0.04 U	0.1	0.051 U	
9/23/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.085	0.28	1	0.36	0.079	2	0.04 U	0.31	0.051 U	
12/16/2014	0.068 U	0.069 U	0.055 U	0.04 U	0.04 U	0.091 J+	0.69	0.04 U	0.17	0.47	0.16	0.094	1.3	0.04 U	0.6	0.051 U	

Table 6
Building 1 Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	IA-B1-01															
Description																
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.57	0.14 U	0.1 U	0.08 U	0.045	1.1	1.3	0.38	1.9	6.2	2	12	17	0.056 U	4.8	0.02 U
10/2/2003	0.71	0.069 U	0.055 U	0.073	0.15	0.49	1.6	1.3	1.1	2.7	0.87	5.6	5.3	0.04 U	7.5	0.026 U
1/20/2004	0.32	0.14 U	0.11 U	0.081 U	0.079 U	0.28	1.4	1	1.1	3.6	1.1	9.5	3.8	0.079 U	4.8	0.051 U
12/18/2013	0.091 U	0.11 U	0.091 U	0.068 U	0.066 U	0.14 U	0.90	0.066 U	0.20	0.50	0.23	0.11 U	4.1	0.066 U	0.40	0.085 U
3/20/2014	0.13 NJ	0.14 U	0.11 U	0.081 U	0.079 U	0.21	0.99	0.21	1.1	4.7	1.8	0.23	4.9	0.079 U	1.8	0.1 U
6/18/2014	0.27 U	0.34 U	0.27 U	0.2 U	0.2 U	0.47 NJ	0.45	1.9	4.6	19	5	0.34 U	18	0.2 U	1.8	0.26 U
9/23/2014	0.35	0.069 U	0.055 U	0.04 U	0.074	0.13	0.42	0.4	0.5	1.9	0.57	1.2	2.9	0.04 U	3.5	0.051 U
12/16/2014	0.086	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.034	0.048 NJ	0.043 U	0.087 U	0.043 U	0.068 U	0.038 U	0.04 U	0.12	0.051 U

Sample ID	SVSS-B1-01															
Description																
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/17/2003	39 U	49 U	39 U	29 U	28 U	29 U	23 U	47	31 U	31 U	32 U	110	27 U	28 U	6600	18 U
12/18/2013	73 U	92 U	73 U	54 U	53 U	54 U	43 U	140	58 U	150 U	58 U	91 U	50 U	53 U	8200	34 U
12/16/2014	24 U	30 U	24 U	18 U	17 U	18 U	14 U	70	19 U	47 U	19 U	31	16 U	17 U	3500	11 U

Notes:

All values are shown in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

U - Not detected above reporting limit

J - Estimated

J+ - Estimated and may be biased high

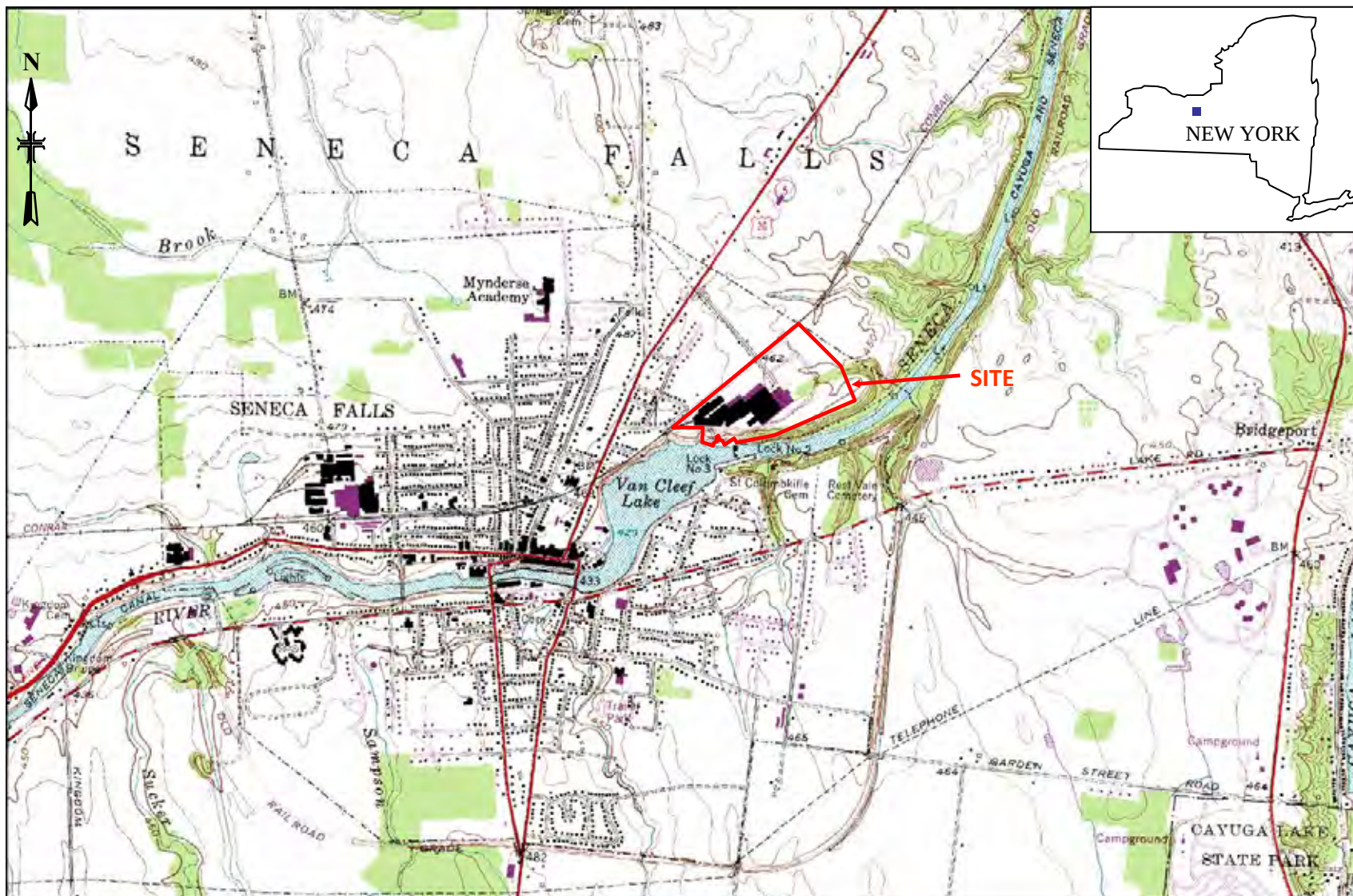
NJ - Tentative in identification and estimated

Table 7
Ambient Air Sample Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample ID	OA-B2-01															
Description	AMBIENT AIR OUTSIDE OF BUILDING 2															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.21	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	0.44	0.056 U	0.35	1.1	0.35	0.3	3.2	0.056 U	0.58	0.02 U
10/2/2003	0.16	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	0.38	0.04 U	0.13	0.35	0.13	0.068 U	0.64	0.04 U	0.52	0.026 U
1/20/2004	0.12	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	0.45	0.04 U	0.19	0.48	0.19	0.075	0.9	0.04 U	0.81	0.026 U
3/20/2007	0.15	0.069 U	0.055 U	0.04 U	0.04 U	0.089	0.58	0.04 U	0.043 U	0.087 U	0.043 U	0.088	0.22	0.04 U	2.8	0.051 U
6/21/2007	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.21	0.04 U	0.087	0.23	0.083	0.068 U	0.49	0.04 U	0.7	0.051 U
9/19/2007	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.32	0.04 U	0.15	0.38	0.13	0.11	1	0.04 U	0.31	0.051 U
12/11/2007	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.085	0.51	0.04 U	0.1	0.26	0.1	0.068 U	0.53	0.04 U	0.054 U	0.051 U
3/26/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.28	0.04 U	0.078	0.2	0.078	0.068 U	0.36	0.04 U	0.054 U	0.051 U
6/17/2008	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.24	0.04 U	0.16	0.52	0.2	0.068 U	1.7	0.04 U	0.054 U	0.051 U
9/24/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.16	0.04 U	0.091	0.26	0.091	0.068 U	0.57	0.04 U	0.054 U	0.051 U
12/18/2008	0.055	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.7	0.04 U	0.22	0.69	0.29	0.088	1.2	0.04 U	0.11	0.051 U
3/26/2009	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.081	0.7	0.12	0.25	1.3	0.65	0.14	0.98	0.04 U	0.086	0.051 U
6/25/2009	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.54	0.079 U	0.69	1.7	0.56	0.14 U	5.3	0.079 U	0.86	0.1 U
9/23/2009	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.42	0.04 U	0.48	0.74	0.26	0.075	1.2	0.075	0.91	0.051 U
12/17/2009	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.42	0.04 U	0.061	0.15	0.056	0.068 U	0.35	0.04 U	0.054 U	0.051 U
3/24/2010	0.082 U	0.1 U	0.082 U	0.061 U	0.059 U	0.12 U	1.0	0.059 U	0.52	1.8	0.52	0.26	4.1	0.059 U	0.081 U	0.077 U
6/22/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.22	0.04 U	0.069	0.11	0.043 U	0.068	0.45	0.04 U	0.075	0.051 U
8/30/2010	0.055 U	0.069 UJ	0.055 U	0.04 U	0.04 U	0.081 U	0.35	0.04 U	0.14	0.34	0.13	0.081	0.76	0.04 U	0.074	0.051 U
9/22/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.58	0.04 U	0.29	0.9	0.32	0.077	2.4	0.04 U	0.066	0.051 U
12/28/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.49	0.04 U	0.11	0.26	0.1	0.068 U	0.65	0.04 U	0.21	0.051 U
3/23/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.41	0.04 U	0.084	0.2	0.079	0.071	0.48	0.04 U	0.054 U	0.051 U
6/22/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.28	0.04 U	0.32	0.96	0.33	0.12	3.3	0.04 U	0.066	0.051 U
9/21/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.19	0.04 U	0.085	0.21	0.077	0.068 U	0.82	0.04 U	0.054 U	0.051 U
12/20/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.53	0.04 U	0.052	0.14	0.058	0.11	0.47	0.04 U	0.054 U	0.051 U
3/28/2012	0.14 U	0.17 U	0.14 U	0.1 U	0.099 U	0.2 U	0.31	0.099 U	0.5	0.95	0.34	0.17 U	4.7	0.099 U	0.13 U	0.13 U
6/14/2012	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.28	0.04 U	0.19	0.74	0.28	0.068 U	0.59	0.04 U	0.054 U	0.051 U
10/9/2012	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.23	0.04 U	0.043 U	0.087 U	0.043 U	0.068 U	0.35	0.04 U	0.11	0.051 U
1/3/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.52	0.04 U	0.096	0.26	0.1	0.068 U	0.53	0.04 U	0.075	0.051 U
3/28/2013	0.055 U	0.069 UJ	0.055 U	0.04 U	0.16 U	0.081 U	0.35	0.2 U	0.059 U	0.15 J	0.4 UJ	0.068 U	0.27	0.04 U	0.054 U	0.051 U
6/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.068	0.04 U	0.043 U	0.087 U	0.043 U	0.15	0.18	0.04 U	0.085 U	0.051 U
9/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.21	0.04 U	0.063	0.17 NJ	0.058	0.068 U	0.72	0.04 U	0.054 U	0.051 U
12/18/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.71	0.04 U	0.15	0.48	0.18	0.068 U	1.3	0.04 U	0.054 U	0.051 U
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.9	0.04 U	0.09	0.22	0.085	0.068 U	1.1	0.04 U	0.054 U	0.051 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.04 U	0.15	0.42	0.13	0.071	2.4	0.04 U	0.054 U	0.051 U
9/23/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.27	0.04 U	0.16	0.53	0.24	0.068 U	0.77	0.04 U	0.054 U	0.051 U
12/16/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.087	0.62	0.04 U	0.17	0.47	0.19	0.068 U	1.4	0.04 U	0.077	0.051 U

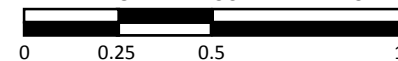
Sample ID	OA-B11-01															
Description	AMBIENT AIR OUTSIDE OF BUILDING 11															
Volatile Organic Compound	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
7/15/2003	0.18	0.14 U	0.1 U	0.08 U	0.04 U	0.08 U	0.32	0.056 U	0.16	0.32	0.14	0.14 U	1.4	0.056 U	0.074	0.02 U
10/2/2003	0.15	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	0.3	0.04 U	0.091	0.26	0.096	0.068 U	0.45	0.04 U	0.13	0.026 U
1/20/2004	0.11	0.069 U	0.055 U	0.04 U	0.04 U	0.04 U	0.45	0.04 U	0.15	0.34	0.13	0.068	0.68	0.04 U	0.12	0.026 U
3/20/2007	0.15	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.54	0.04 U	0.1	0.29	0.11	0.075	0.38	0.04 U	0.14	0.051 U
6/21/2007	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.15	0.04 U	0.061	0.16	0.052	0.068 U	0.32	0.04 U	0.12	0.051 U
8/30/2007	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.17	0.04 U	0.091	0.22	0.078	0.081	0.49	0.04 U	0.12	0.051 U
9/19/2007	0.055	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.04 U	0.15	0.43	0.13	0.12	0.6	0.04 U	0.11	0.051 U
12/11/2007	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.085	0.58	0.04 U	0.19	0.56	0.21	0.068 U	0.72	0.04 U	0.086	0.051 U
3/26/2008	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.31	0.04 U	0.065	0.2	0.083	0.068 U	0.37	0.04 U	0.054 U	0.051 U
6/17/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.13	0.04 U	0.12	0.38	0.11	0.068 U	0.75	0.04 U	0.086	0.051 U
9/24/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.14	0.04 U	0.096	0.24	0.083	0.068 U	0.64	0.04 U	0.07	0.051 U
12/18/2008	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.54	0.04 U	0.18	0.48	0.21	0.095	1.1	0.04 U	0.13	0.051 U
3/26/2009	0.071	0.069 U	0.055 U	0.04 U	0.04 U	0.085	0.67	0.083	0.18	0.41	0.16	0.14	0.94	0.04 U	0.075	0.051 U
6/25/2009	0.071	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.32	0.04 U	0.23	0.69	0.23	0.088	1.4	0.04 U	0.075	0.051 U
9/23/2009	0.06	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.26	0.04 U	0.14	0.43	0.17	0.068 U	0.83	0.04 U	0.51	0.051 U
12/17/2009	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.38	0.04 NJ	0.065	0.18	0.074	0.068 U	0.35	0.04 U	0.11	0.051 U
3/24/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 NJ	0.51	0.04 U	0.15	0.43	0.16	0.095	1.1	0.04 U	0.081	0.051 U
6/22/2010	0.065	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.31	0.079	0.16	0.48	0.19 J	0.081	0.79	0.04 U	0.22	0.051 U
9/22/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.42	0.04 U	0.19	0.46	0.17	0.068 U	1.1	0.04 U	0.077	0.051 U
12/28/2010	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.73	0.14	0.28	0.72	0.25	0.33	2.3	0.04 U	3.4	0.051 U
3/23/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.39	0.04 U	0.061	0.18	0.077	0.068 U	0.3	0.04 U	0.068	0.051 U
6/22/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.2	0.04 U	0.1	0.3	0.12	0.068 U	0.55	0.04 U	0.054 U	0.051 U
9/21/2011	0.057 NJ	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.54	0.084	0.22	0.66	0.24	0.16	1.1	0.04 U	0.32	0.051 U
12/20/2011	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.45	0.04 U	0.043 U	0.043 U	0.043 U	0.068 U	0.16	0.04 U	0.21	0.051 U
3/28/2012	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.29	0.04 U	0.11	0.31	0.12	0.068 U	0.56	0.04 U	0.056	0.051 U
6/14/2012	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.26	0.058	0.32	0.46	0.17	0.11	0.83	0.04 U	1.2	0.051 U
10/9/2012	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.28	0.066	0.086	0.24	0.1	0.068 U	0.47	0.04 U	0.19	0.051 U
1/3/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.77	0.04 U	0.28	0.9	0.29	0.095	1.2	0.04 U	0.086	0.051 U
3/28/2013	0.055 U	0.069 UJ	0.055 U	0.04 U	0.16 U	0.081 U	0.37	0.08 U	0.073 NJ	0.16 J	0.16 UJ	0.068 U	0.24	0.04 U	0.085	0.051 U
6/19/2013	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.7	0.04 U	0.043 U	0.98	0.43 U	0.068 U	0.2	0.04 U	0.087	0.051 U
9/19/2013	0.11 U	0.14 U	0.11 U	0.081 U	0.079 U	0.16 U	0.4	0.079 U	0.75	3	1.1	0.14 U	4.3	0.079 U	0.39	0.1 U
12/28/2013	0.055 UJ	0.069 UJ	0.055 UJ	0.04 UJ	0.04 UJ	0.081 UJ	0.54 J	0.04 UJ	0.099 J	0.28 J	0.1 J	0.068 UJ	0.85 J	0.04 UJ	0.063 J	0.051 UJ
3/20/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.47	0.04 U	0.099	0.3	0.12	0.068 U	0.53	0.04 U	0.054 U	0.051 U
6/18/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.17	0.04 U	0.07	0.19	0.065	0.068 U	0.44	0.04 U	0.081	0.051 U
9/23/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.081 U	0.26	0.046	0.086	0.26	0.11	0.068 U	0.63	0.04 U	0.71	0.051 U
12/16/2014	0.055 U	0.069 U	0.055 U	0.04 U	0.04 U	0.082 U	0.6	0.04 U	0.11	0.24	0.1	0.068 U	0.82	0.04 U	0.15	0.051 U

Attachment C
Figures



MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SERIES, SENECA FALLS QUADRANGLE

APPROXIMATE SCALE IN MILES



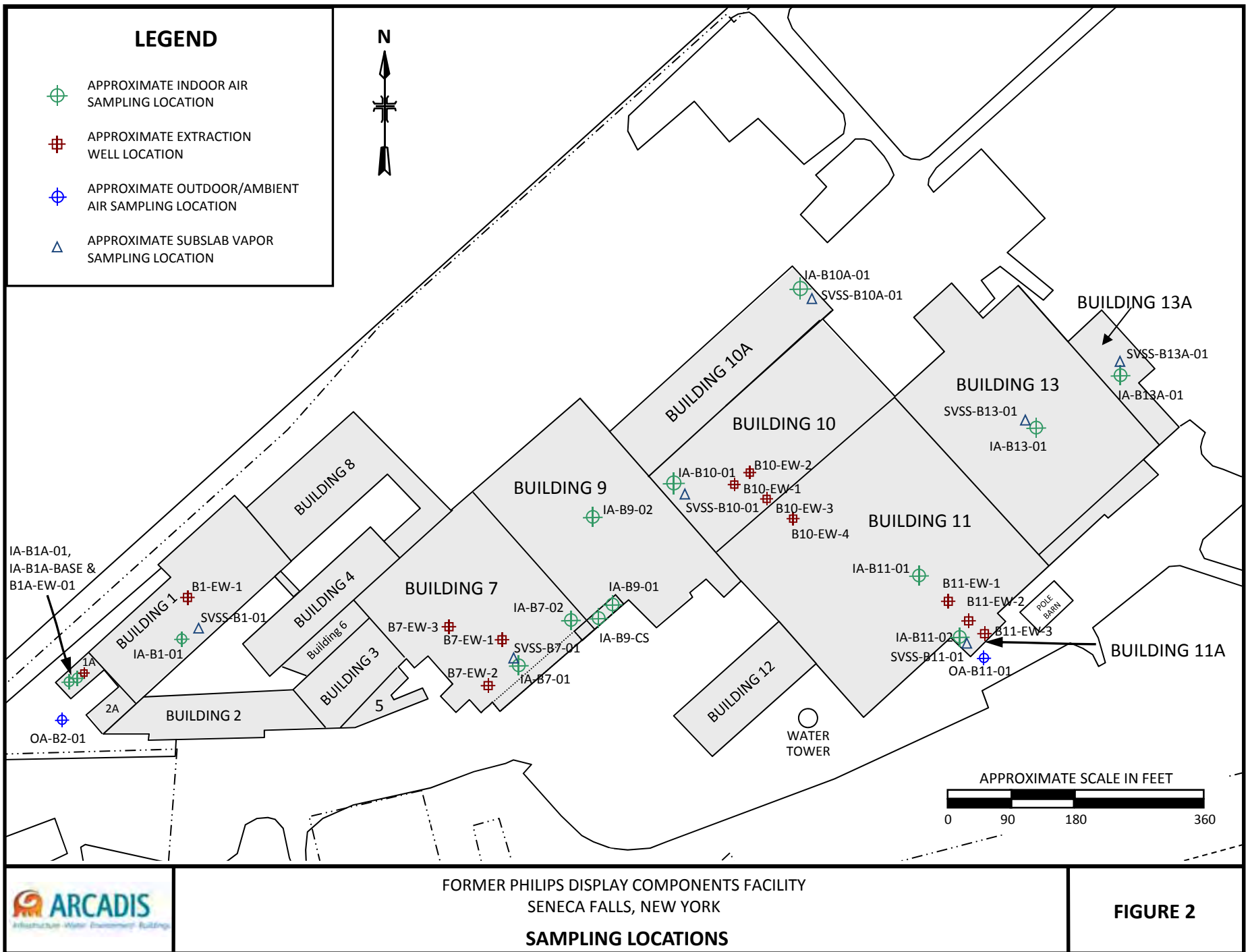


Figure 3: Building 9 Area TCE Concentrations

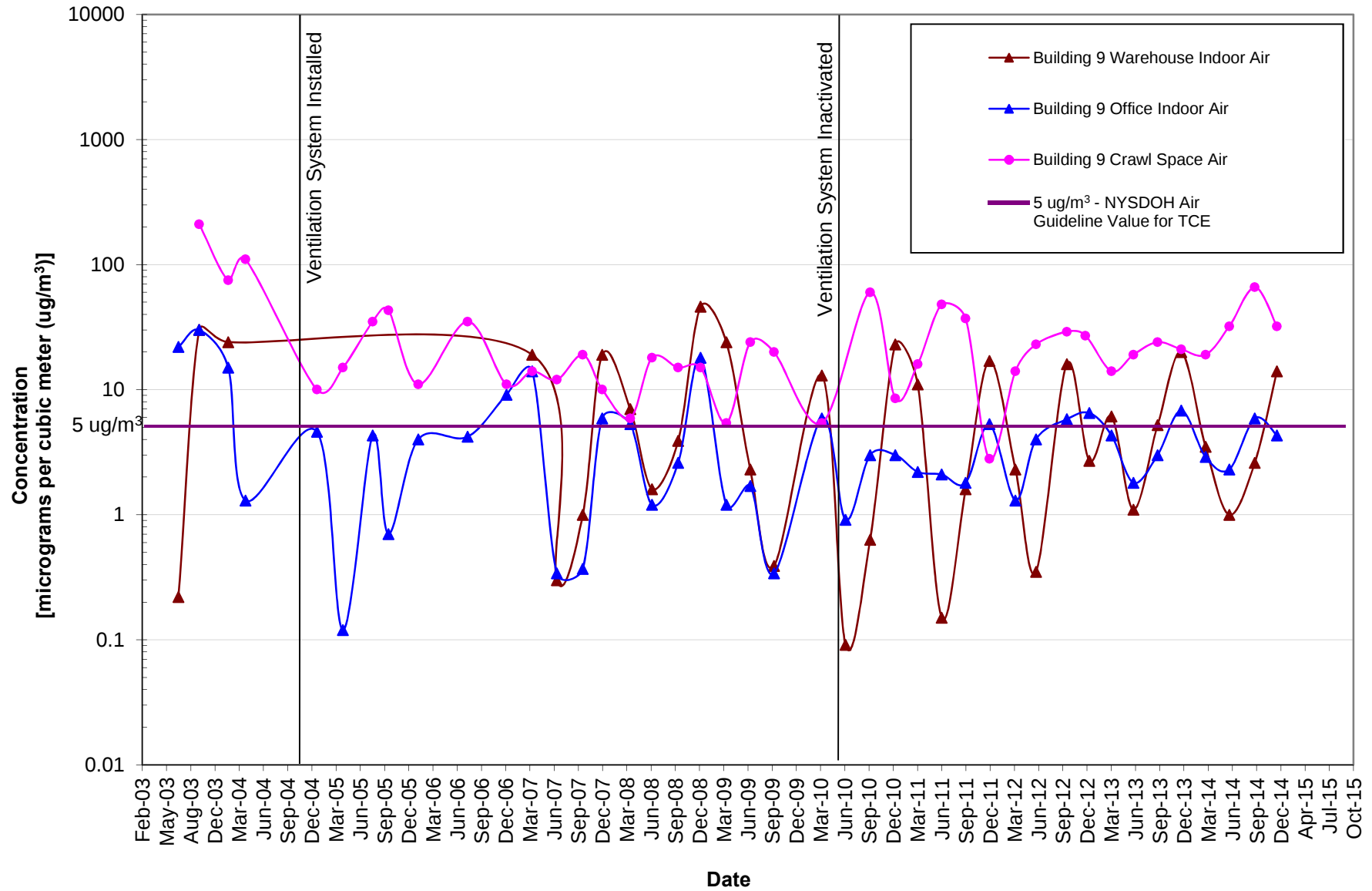


Figure 4: Building 11 Area TCE Concentrations

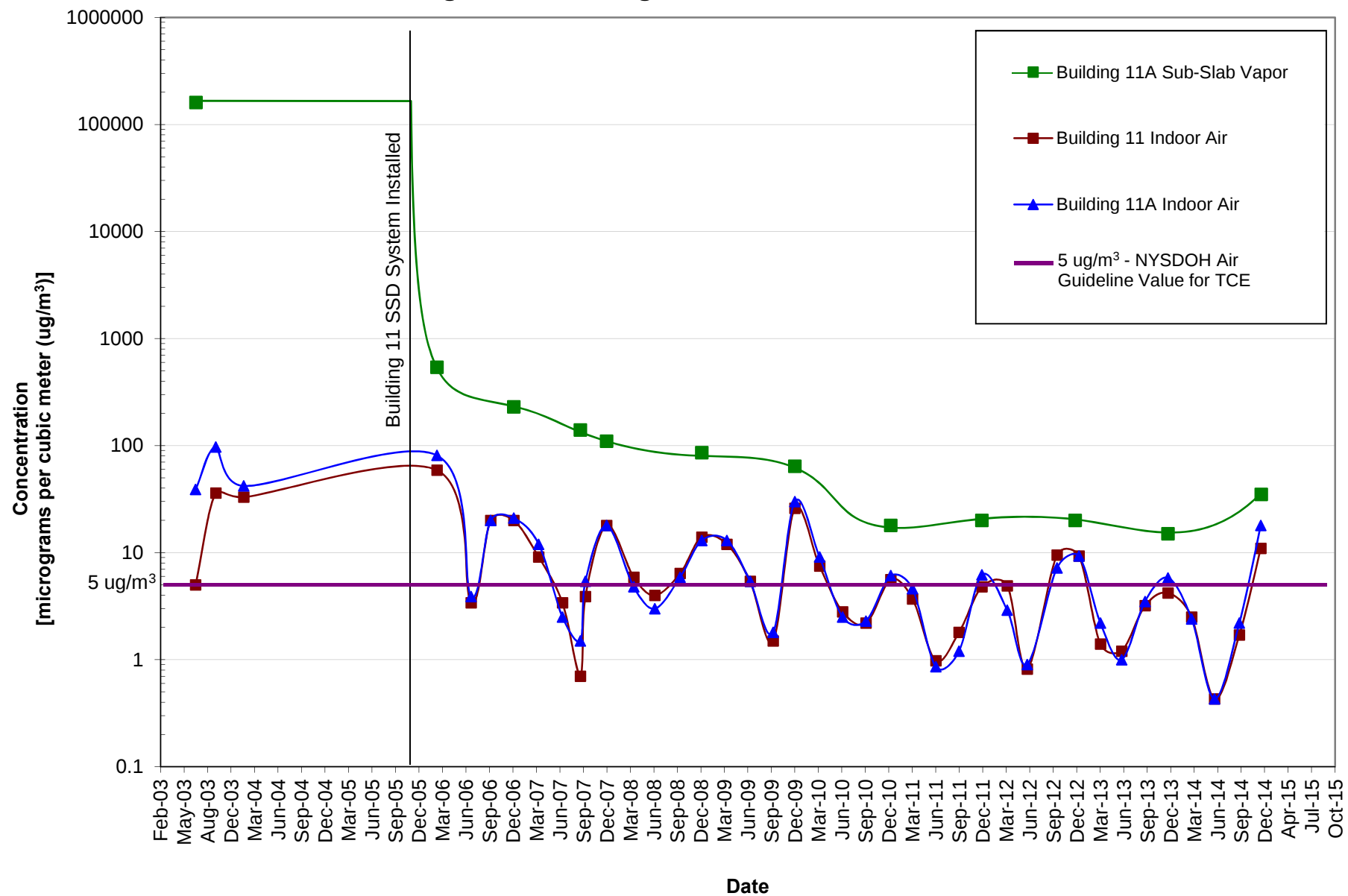


Figure 5: Building 7 Area TCE Concentrations

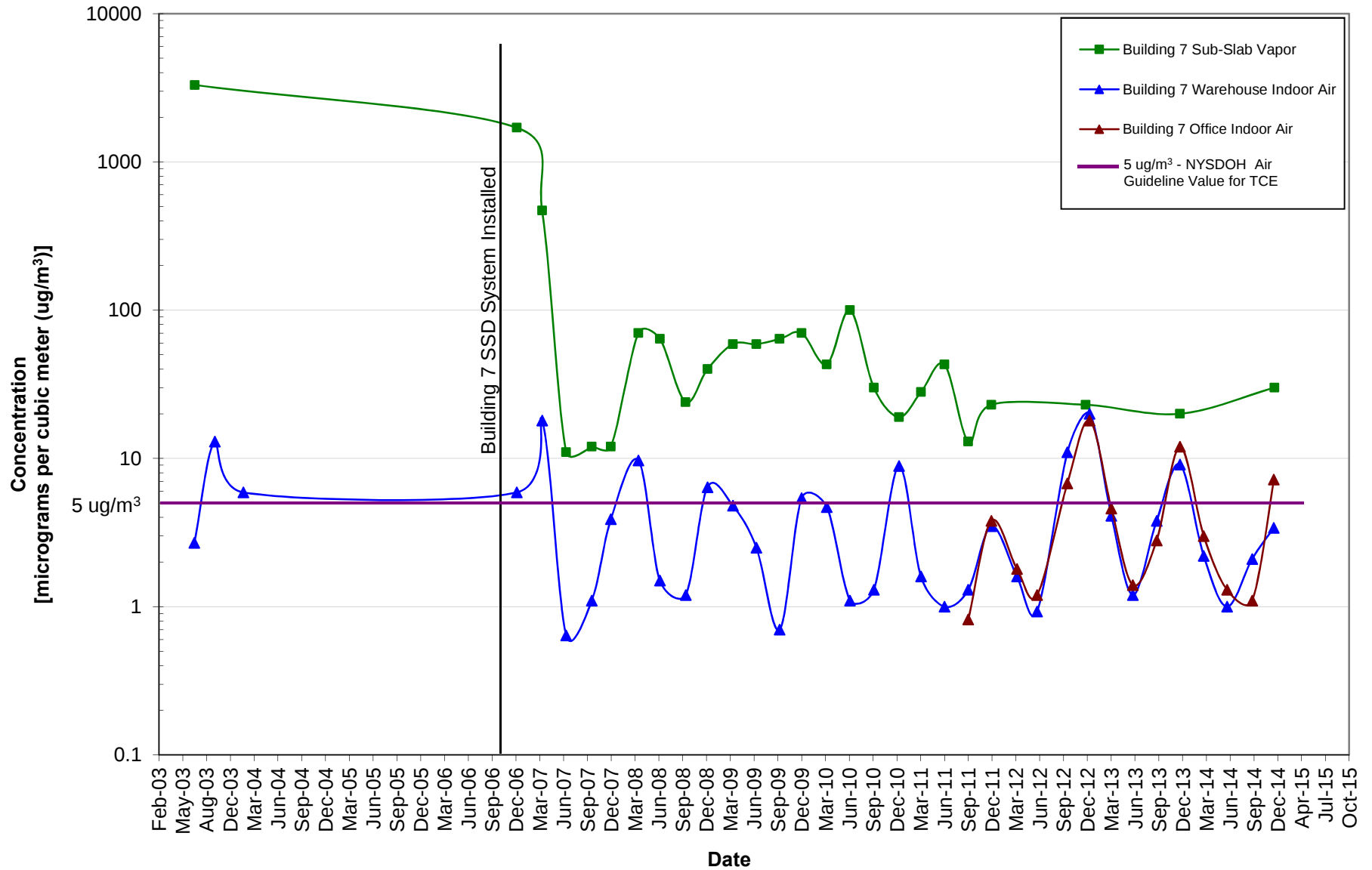


Figure 6: Building 10 Area TCE Concentrations

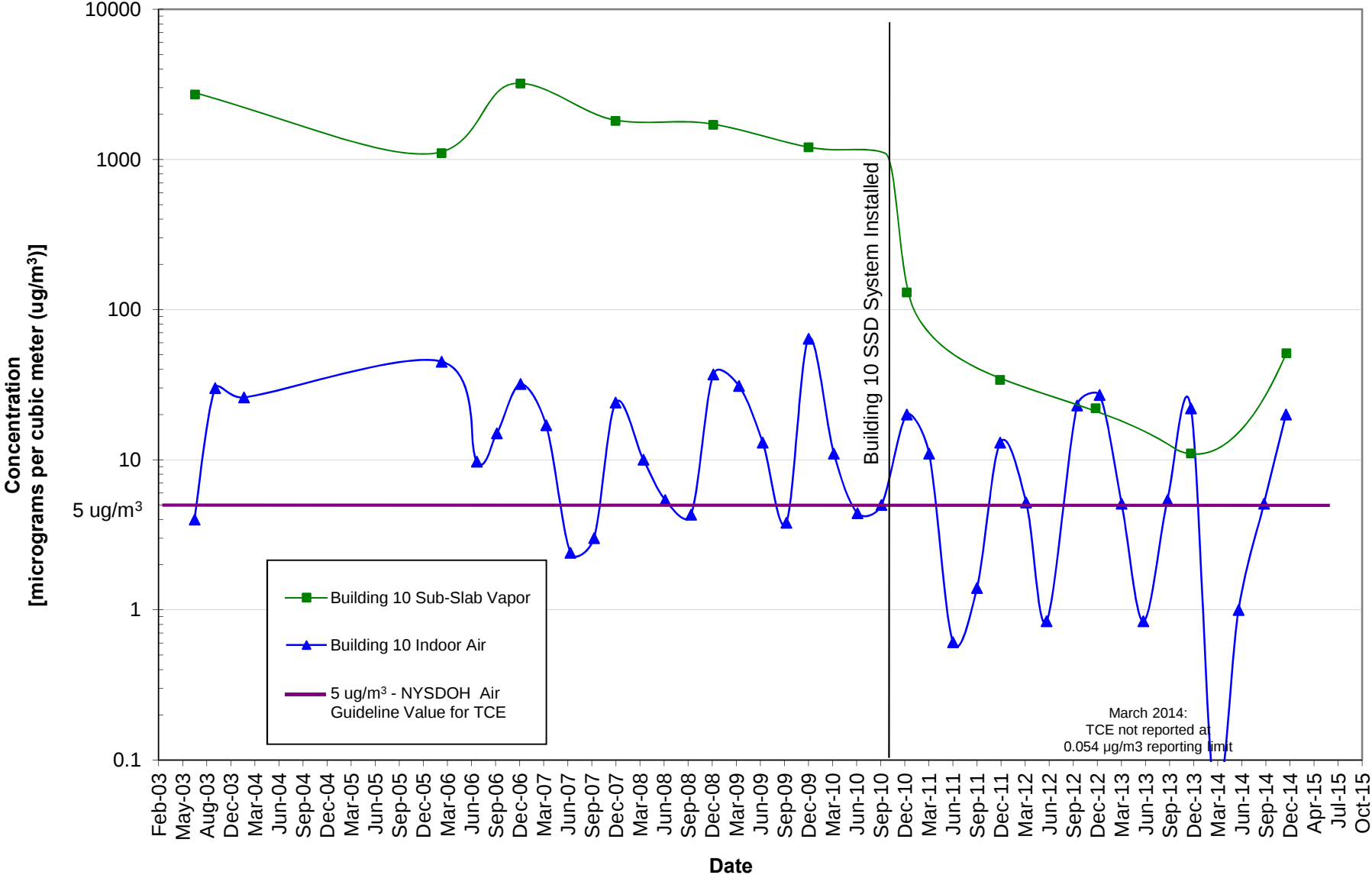


Figure 7: Building 1A Area TCE Concentrations

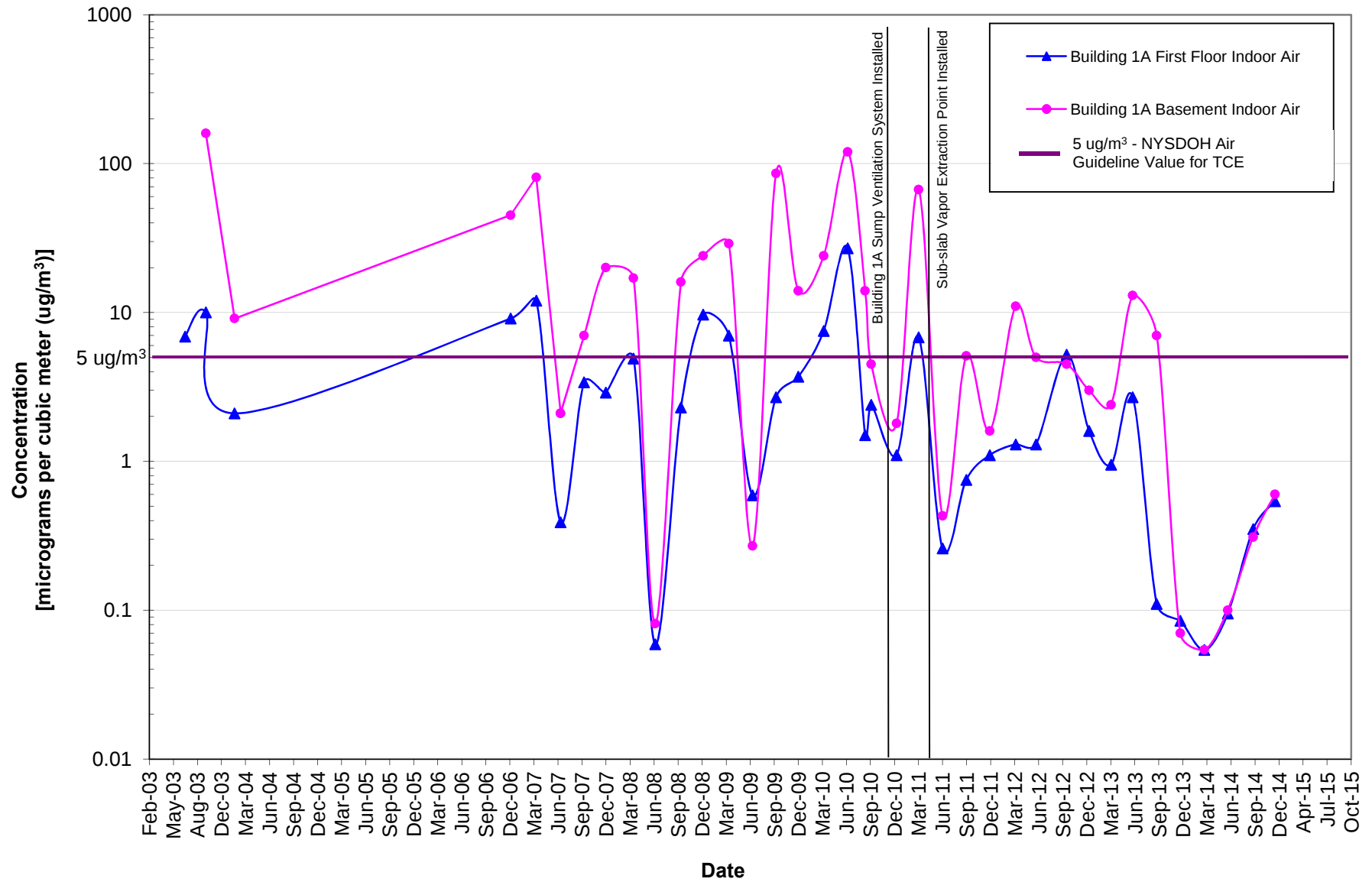
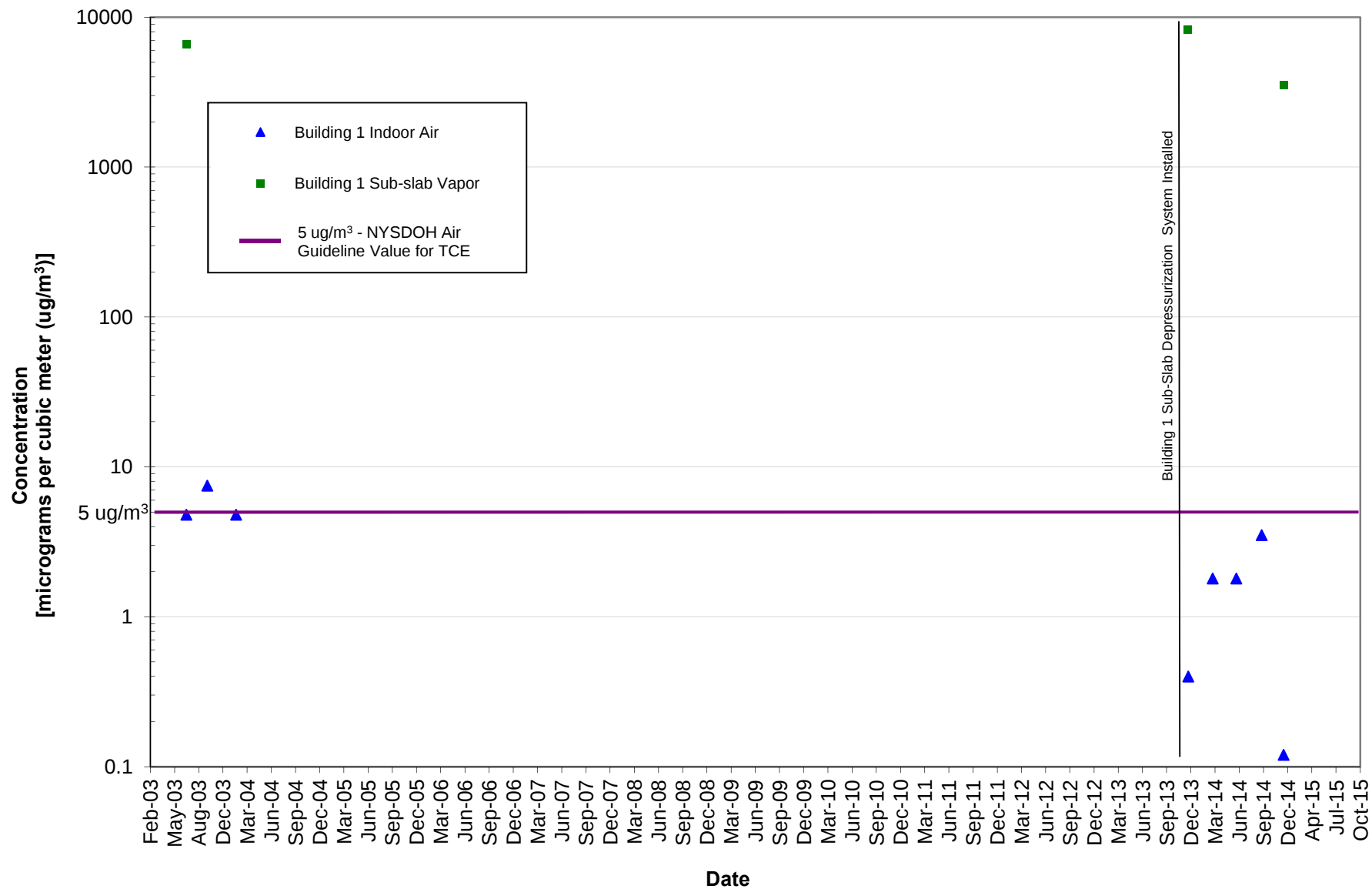


Figure 8: Building 1 Area TCE Concentrations



Attachment D
Data Validation Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208

North Creek, NY 12853

Phone 518-251-4429

harry@frontiernet.net

January 20, 2015

Mark Flusche
ARCADIS US, Inc.
855 Route 146 Suite 210
Clifton Park, NY 12065

RE: Validation of the Former Philips Display Components Facility, Seneca Falls Site Data Package
Indoor, Outdoor, and Sub Slab Air Samples
TestAmerica-VT SDG No. 200-26000-1 and 200-26042-1

Dear Mr. Flusche:

Review has been completed for the data packages generated by TestAmerica Laboratories (TAL-VT) that pertain to air samples collected on 12/16/14 and 12/18/14 at the Seneca Falls, NY site. Twenty three 6-L summa canisters and two field duplicates were analyzed for sixteen site-specific volatile analytes using USEPA method TO-15.

Data validation was performed using guidance from the 2006 USEPA Region II validation SOP HW-31, with consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation
- * Holding Times
- * Internal Standard Recoveries
- * Method and Canister Blanks
- * Blind Field Duplicate Correlation
- * Laboratory Control Samples (LCSs)
- * Instrumental Tunes
- * Initial and Continuing Calibration Standards
- * Method Compliance
- * Sample Result Verification

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the raw data, and generated in compliance with project requirements.

In summary, all sample results are usable either as reported or with minor qualification.

The client and laboratory sample identifications and the laboratory case narrative are attached to this text, and should be reviewed in conjunction with this report. Also attached are the report forms, qualified to reflect the qualifications recommended in this report.

Volatile Analyses by EPA TO-15

Due to interferences in the mass spectra that do not allow for proper identification, the following detections have been edited to reflect non-detection at elevated reporting limits that correspond to the originally reported concentrations:

- 1,1,1-trichloroethane in IA-B1A-BASE, and IA-B1A-01
- cis-1,2-dichloroethene in IA-B7-01
- 1,2-dichloroethane in OA-B11-01

The results for cis-1,2-dichloroethene in IA-B1-01 and IA-B7-02 are qualified as tentative in identification and estimated in value due to poor spectral quality.

The blind field duplicate evaluation of SVSS-B1-01 shows acceptable correlations.

The blind field duplicate evaluation of IA-B11-02 shows outlying correlations for cis-1,2-dichloroethene (54%RPD), benzene (51%RPD), trichloroethene (52%RPD), toluene (43%RD), o-xylene ($>\pm$ CRDL), and m,p-xylene (50%RPD). Results for those six compounds in the parent sample and its duplicate have been qualified as estimated.

Initial and continuing calibration standard responses fall within validation guidelines, with the following exception, results for which are qualified as estimated with a high bias, in the indicated samples: 1,2-dichloroethane (33%D) in IA-B1A-01, IA-B1A-BASE, and IA-B7-02.

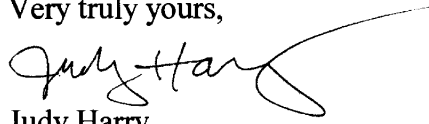
Due to elevated associated LCS recovery (140%), the detected results for o-xylene in IA-B11-02, IA-B13-01, IA-B13A-01, IA-B7-01, and IA-B9-02 are qualified as estimated, with a high bias (with the exception that one cannot predict the bias in IA-B11-02 due to field duplicate variance).

Holding times and instrument tunes meet requirements. Method and canister blanks show no contamination. The clean canister certifications were reviewed during validation.

Some of the samples were processed only at dilution due to target analyte concentrations. This results in elevated reporting limits for undetected analytes.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,



Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

**CLIENT and LABORATORY SAMPLE IDs
and CASE NARRATIVE**

SAMPLE SUMMARY

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-26000-1	IA-B10-01	Air	12/16/2014 1541	12/18/2014 1040
200-26000-2	IA-B10A-01	Air	12/16/2014 1608	12/18/2014 1040
200-26000-3	IA-B11-01	Air	12/16/2014 1535	12/18/2014 1040
200-26000-4	IA-B11-02	Air	12/16/2014 1530	12/18/2014 1040
200-26000-5	IA-B13-01	Air	12/16/2014 1614	12/18/2014 1040
200-26000-6	IA-B13A-01	Air	12/16/2014 1539	12/18/2014 1040
200-26000-7	IA-B1A-BASE	Air	12/16/2014 1556	12/18/2014 1040
200-26000-8	IA-B9-01	Air	12/16/2014 1625	12/18/2014 1040
200-26000-9	IA-B9-02	Air	12/16/2014 1523	12/18/2014 1040
200-26000-10	IA-B9-CS	Air	12/16/2014 1544	12/18/2014 1040
200-26000-11	IA-B7-01	Air	12/16/2014 1546	12/18/2014 1040
200-26000-12	IA-B7-02	Air	12/16/2014 1615	12/18/2014 1040
200-26000-13	OA-B2-01	Air	12/16/2014 1442	12/18/2014 1040
200-26000-14	OA-B11-01	Air	12/16/2014 1532	12/18/2014 1040
200-26000-15	IA-B1-01	Air	12/16/2014 1441	12/18/2014 1040
200-26000-16FD	IA-DUPE	Air	12/16/2014 1530	12/18/2014 1040
200-26000-17	IA-B1A-01	Air	12/16/2014 1555	12/18/2014 1040

SAMPLE SUMMARY

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-26052-1	SVSS-B7-01	Air	12/18/2014 1151	12/20/2014 1000
200-26052-2	SVSS-B10-01	Air	12/18/2014 0951	12/20/2014 1000
200-26052-3	SVSS-B10A-01	Air	12/18/2014 1007	12/20/2014 1000
200-26052-4	SVSS-B11-01	Air	12/17/2014 1643	12/20/2014 1000
200-26052-5	SVSS-B1-01	Air	12/18/2014 1503	12/20/2014 1000
200-26052-6	SVSS-DUPLICATE	Air	12/18/2014 1503	12/20/2014 1000
200-26052-7	SVSS-B13-01	Air	12/18/2014 1409	12/20/2014 1000
200-26052-8	SVSS-B13A-01	Air	12/18/2014 1400	12/20/2014 1000

CASE NARRATIVE

Client: ARCADIS U.S. Inc

Project: Seneca Falls

Report Number: 200-26000-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 12/18/2014; the samples arrived in good condition.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples IA-B10-01, IA-B10A-01, IA-B11-01, IA-B11-02, IA-B13-01, IA-B13A-01, IA-B1A-BASE, IA-B9-01, IA-B9-02, IA-B9-CS, IA-B7-01, IA-B7-02, OA-B2-01, OA-B11-01, IA-B1-01, IA-DUPE and IA-B1A-01 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 12/22/2014 and 12/23/2014.

1,1,2,2-Tetrachloroethane and o-Xylene failed the recovery criteria high for LCS 200-82501/3. Refer to the QC report for details.

Samples IA-B10-01[5X], IA-B10A-01[4X], IA-B11-01[2.5X], IA-B11-02[4X], IA-B13-01[2X], IA-B13A-01[2X], IA-B9-01[1.5X], IA-B9-02[5X], IA-B9-CS[10X], IA-B7-01[1.5X], IA-B7-02[2X] and IA-DUPE[2.5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

CASE NARRATIVE

Client: ARCADIS U.S. Inc

Project: Seneca Falls

Report Number: 200-26052-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 12/20/2014; the samples arrived in good condition.

VOLATILE ORGANIC COMPOUNDS

Samples SVSS-B7-01, SVSS-B10-01, SVSS-B10A-01, SVSS-B11-01, SVSS-B1-01, SVSS-DUPLICATE, SVSS-B13-01 and SVSS-B13A-01 were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 12/30/2014 and 12/31/2014.

Samples SVSS-B1-01[21.8X] and SVSS-DUPLICATE[15.9X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

QUALIFIED REPORT FORMS

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B10-01

Lab Sample ID: 200-26000-1

Date Sampled: 12/16/2014 1541

Client Matrix: Air

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82637	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11317_005.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	12/23/2014 1859			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 1859			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.050	U	0.050	0.050
trans-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1-Dichloroethane	0.050	U	0.050	0.050
cis-1,2-Dichloroethene	0.29		0.050	0.050
1,1,1-Trichloroethane	0.050	U	0.050	0.050
Benzene	0.29		0.050	0.050
1,2-Dichloroethane	0.10	U	0.10	0.10
Trichloroethene	3.7		0.050	0.050
Toluene	0.50		0.050	0.050
1,1,2-Trichloroethane	0.050	U	0.050	0.050
Tetrachloroethene	0.050		0.050	0.050
Ethylbenzene	0.079		0.050	0.050
o-Xylene	0.058		0.050	0.050
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
m-Xylene & p-Xylene	0.20		0.050	0.10

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.26	U	0.26	0.26
1,1-Dichloroethene	0.20	U	0.20	0.20
trans-1,2-Dichloroethene	0.20	U	0.20	0.20
1,1-Dichloroethane	0.20	U	0.20	0.20
cis-1,2-Dichloroethene	1.2		0.20	0.20
1,1,1-Trichloroethane	0.27	U	0.27	0.27
Benzene	0.92		0.16	0.16
1,2-Dichloroethane	0.40	U	0.40	0.40
Trichloroethene	20		0.27	0.27
Toluene	1.9		0.19	0.19
1,1,2-Trichloroethane	0.27	U	0.27	0.27
Tetrachloroethene	0.34		0.34	0.34
Ethylbenzene	0.34		0.22	0.22
o-Xylene	0.25		0.22	0.22
1,1,2,2-Tetrachloroethane	0.34	U	0.34	0.34
m-Xylene & p-Xylene	0.85		0.22	0.43

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B10A-01

Lab Sample ID: 200-26000-2

Date Sampled: 12/16/2014 1608

Client Matrix: Air

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method: TO15 LL	Analysis Batch: 200-82637	Instrument ID: CHE.i
Prep Method: Summa Canister	Prep Batch: N/A	Lab File ID: 11317_006.D
Dilution: 4.0		Initial Weight/Volume: 125 mL
Analysis Date: 12/23/2014 1957		Final Weight/Volume: 500 mL
Prep Date: 12/23/2014 1957		Injection Volume: 500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.48		0.040	0.040
1,1,1-Trichloroethane	0.058		0.040	0.040
Benzene	0.30		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	3.0		0.040	0.040
Toluene	0.46		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.12		0.040	0.040
o-Xylene	0.12		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.33		0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	1.9		0.16	0.16
1,1,1-Trichloroethane	0.31		0.22	0.22
Benzene	0.94		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	16		0.21	0.21
Toluene	1.7		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.50		0.17	0.17
o-Xylene	0.51		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	1.4		0.17	0.35

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B11-01

Lab Sample ID: 200-26000-3

Client Matrix: Air

Date Sampled: 12/16/2014 1535

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82637	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11317_007.D
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	12/23/2014 2054			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 2054			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.29		0.025	0.025
1,1,1-Trichloroethane	0.048		0.025	0.025
Benzene	0.32		0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050
Trichloroethene	2.0		0.025	0.025
Toluene	0.49		0.025	0.025
1,1,2-Trichloroethane	0.025	U	0.025	0.025
Tetrachloroethene	0.025	U	0.025	0.025
Ethylbenzene	0.11		0.025	0.025
o-Xylene	0.13		0.025	0.025
1,1,2,2-Tetrachloroethane	0.025	U	0.025	0.025
m-Xylene & p-Xylene	0.34		0.025	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	1.1		0.099	0.099
1,1,1-Trichloroethane	0.26		0.14	0.14
Benzene	1.0		0.080	0.080
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	11		0.13	0.13
Toluene	1.8		0.094	0.094
1,1,2-Trichloroethane	0.14	U	0.14	0.14
Tetrachloroethene	0.17	U	0.17	0.17
Ethylbenzene	0.48		0.11	0.11
o-Xylene	0.58		0.11	0.11
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.17
m-Xylene & p-Xylene	1.5		0.11	0.22

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B11-02

Lab Sample ID: 200-26000-4

Client Matrix: Air

Date Sampled: 12/16/2014 1530

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_009.D
Dilution:	4.0			Initial Weight/Volume:	250 mL
Analysis Date:	12/22/2014 1711			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 1711			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.49	J	0.040	0.040
1,1,1-Trichloroethane	0.083		0.040	0.040
Benzene	0.61	J	0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	3.4	J	0.040	0.040
Toluene	0.61	J	0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.096		0.040	0.040
o-Xylene	0.072	* J	0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U *	0.040	0.040
m-Xylene & p-Xylene	0.21	J	0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	1.9	J	0.16	0.16
1,1,1-Trichloroethane	0.45		0.22	0.22
Benzene	2.0	J	0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	18	J	0.21	0.21
Toluene	2.3	J	0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.42		0.17	0.17
o-Xylene	0.31	* J	0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U *	0.27	0.27
m-Xylene & p-Xylene	0.90	J	0.17	0.35

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B13-01

Lab Sample ID: 200-26000-5

Client Matrix: Air

Date Sampled: 12/16/2014 1614

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_010.D
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	12/22/2014 1808			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 1808			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.070		0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.26		0.020	0.020
1,1,1-Trichloroethane	0.17		0.020	0.020
Benzene	0.28		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.8		0.020	0.020
Toluene	0.90		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.26		0.020	0.020
o-Xylene	0.28	* J+	0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U *	0.020	0.020
m-Xylene & p-Xylene	0.70		0.020	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.28		0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	1.0		0.079	0.079
1,1,1-Trichloroethane	0.92		0.11	0.11
Benzene	0.90		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	9.4		0.11	0.11
Toluene	3.4		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	1.1		0.087	0.087
o-Xylene	1.2	* J+	0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U *	0.14	0.14
m-Xylene & p-Xylene	3.0		0.087	0.17

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B13A-01

Lab Sample ID: 200-26000-6

Client Matrix: Air

Date Sampled: 12/16/2014 1539

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_011.D
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	12/22/2014 1905			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 1905			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.077		0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.27		0.020	0.020
1,1,1-Trichloroethane	0.19		0.020	0.020
Benzene	0.28		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.5		0.020	0.020
Toluene	0.93		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.28		0.020	0.020
o-Xylene	0.38	* J+	0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U *	0.020	0.020
m-Xylene & p-Xylene	0.87		0.020	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.30		0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	1.1		0.079	0.079
1,1,1-Trichloroethane	1.0		0.11	0.11
Benzene	0.88		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	8.3		0.11	0.11
Toluene	3.5		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	1.2		0.087	0.087
o-Xylene	1.6	* J+	0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U *	0.14	0.14
m-Xylene & p-Xylene	3.8		0.087	0.17

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B1A-BASE

Lab Sample ID: 200-26000-7

Client Matrix: Air

Date Sampled: 12/16/2014 1556

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82637	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11317_008.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	12/23/2014 2153			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 2153			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.012	U	0.010	0.010 0.012
Benzene	0.22		0.010	0.010
1,2-Dichloroethane	0.022	J+	0.020	0.020
Trichloroethene	0.11		0.010	0.010
Toluene	0.34		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.014		0.010	0.010
Ethylbenzene	0.040		0.010	0.010
o-Xylene	0.036		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.11		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.068	U	0.055	0.055 0.068
Benzene	0.69		0.032	0.032
1,2-Dichloroethane	0.091	J+	0.081	0.081
Trichloroethene	0.60		0.054	0.054
Toluene	1.3		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.094		0.068	0.068
Ethylbenzene	0.17		0.043	0.043
o-Xylene	0.16		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.47		0.043	0.087

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B9-01

Lab Sample ID: 200-26000-8

Client Matrix: Air

Date Sampled: 12/16/2014 1625

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_013.D
Dilution:	1.5			Initial Weight/Volume:	333 mL
Analysis Date:	12/22/2014 2058			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 2058			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.030	U	0.030	0.030
1,1-Dichloroethene	0.015	U	0.015	0.015
trans-1,2-Dichloroethene	0.015	U	0.015	0.015
1,1-Dichloroethane	0.015	U	0.015	0.015
cis-1,2-Dichloroethene	0.022		0.015	0.015
1,1,1-Trichloroethane	0.015	U	0.015	0.015
Benzene	0.19		0.015	0.015
1,2-Dichloroethane	0.030	U	0.030	0.030
Trichloroethene	0.80		0.015	0.015
Toluene	0.14		0.015	0.015
1,1,2-Trichloroethane	0.015	U	0.015	0.015
Tetrachloroethene	0.043		0.015	0.015
Ethylbenzene	0.015	U	0.015	0.015
o-Xylene	0.015	U *	0.015	0.015
1,1,2,2-Tetrachloroethane	0.015	U *	0.015	0.015
m-Xylene & p-Xylene	0.030	U	0.015	0.030

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.077	U	0.077	0.077
1,1-Dichloroethene	0.059	U	0.059	0.059
trans-1,2-Dichloroethene	0.059	U	0.059	0.059
1,1-Dichloroethane	0.061	U	0.061	0.061
cis-1,2-Dichloroethene	0.089		0.059	0.059
1,1,1-Trichloroethane	0.082	U	0.082	0.082
Benzene	0.59		0.048	0.048
1,2-Dichloroethane	0.12	U	0.12	0.12
Trichloroethene	4.3		0.081	0.081
Toluene	0.53		0.057	0.057
1,1,2-Trichloroethane	0.082	U	0.082	0.082
Tetrachloroethene	0.29		0.10	0.10
Ethylbenzene	0.065	U	0.065	0.065
o-Xylene	0.065	U *	0.065	0.065
1,1,2,2-Tetrachloroethane	0.10	U *	0.10	0.10
m-Xylene & p-Xylene	0.13	U	0.065	0.13

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B9-02

Lab Sample ID: 200-26000-9

Client Matrix: Air

Date Sampled: 12/16/2014 1523

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_014.D
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	12/22/2014 2154			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 2154			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.050	U	0.050	0.050
trans-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1-Dichloroethane	0.050	U	0.050	0.050
cis-1,2-Dichloroethene	0.088		0.050	0.050
1,1,1-Trichloroethane	0.050	U	0.050	0.050
Benzene	0.28		0.050	0.050
1,2-Dichloroethane	0.10	U	0.10	0.10
Trichloroethene	2.7		0.050	0.050
Toluene	0.43		0.050	0.050
1,1,2-Trichloroethane	0.050	U	0.050	0.050
Tetrachloroethene	0.050	U	0.050	0.050
Ethylbenzene	0.071		0.050	0.050
o-Xylene	0.057	* J+	0.050	0.050
1,1,2,2-Tetrachloroethane	0.050	U *	0.050	0.050
m-Xylene & p-Xylene	0.18		0.050	0.10

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.26	U	0.26	0.26
1,1-Dichloroethene	0.20	U	0.20	0.20
trans-1,2-Dichloroethene	0.20	U	0.20	0.20
1,1-Dichloroethane	0.20	U	0.20	0.20
cis-1,2-Dichloroethene	0.35		0.20	0.20
1,1,1-Trichloroethane	0.27	U	0.27	0.27
Benzene	0.90		0.16	0.16
1,2-Dichloroethane	0.40	U	0.40	0.40
Trichloroethene	14		0.27	0.27
Toluene	1.6		0.19	0.19
1,1,2-Trichloroethane	0.27	U	0.27	0.27
Tetrachloroethene	0.34	U	0.34	0.34
Ethylbenzene	0.31		0.22	0.22
o-Xylene	0.25	* J+	0.22	0.22
1,1,2,2-Tetrachloroethane	0.34	U *	0.34	0.34
m-Xylene & p-Xylene	0.77		0.22	0.43

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B9-CS

Lab Sample ID: 200-26000-10

Client Matrix: Air

Date Sampled: 12/16/2014 1544

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_015.D
Dilution:	10			Initial Weight/Volume:	50 mL
Analysis Date:	12/22/2014 2251			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 2251			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1,1-Trichloroethane	0.10	U	0.10	0.10
Benzene	0.17		0.10	0.10
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	5.9		0.10	0.10
Toluene	0.13		0.10	0.10
1,1,2-Trichloroethane	0.10	U	0.10	0.10
Tetrachloroethene	0.10	U	0.10	0.10
Ethylbenzene	0.10	U	0.10	0.10
o-Xylene	0.10	U *	0.10	0.10
1,1,2,2-Tetrachloroethane	0.10	U *	0.10	0.10
m-Xylene & p-Xylene	0.20	U	0.10	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.51	0.51
1,1-Dichloroethene	0.40	U	0.40	0.40
trans-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1-Dichloroethane	0.40	U	0.40	0.40
cis-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1,1-Trichloroethane	0.55	U	0.55	0.55
Benzene	0.53		0.32	0.32
1,2-Dichloroethane	0.81	U	0.81	0.81
Trichloroethene	32		0.54	0.54
Toluene	0.49		0.38	0.38
1,1,2-Trichloroethane	0.55	U	0.55	0.55
Tetrachloroethene	0.68	U	0.68	0.68
Ethylbenzene	0.43	U	0.43	0.43
o-Xylene	0.43	U *	0.43	0.43
1,1,2,2-Tetrachloroethane	0.69	U *	0.69	0.69
m-Xylene & p-Xylene	0.87	U	0.43	0.87

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B7-01

Lab Sample ID: 200-26000-11

Client Matrix: Air

Date Sampled: 12/16/2014 1546

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_016.D
Dilution:	1.5			Initial Weight/Volume:	333 mL
Analysis Date:	12/22/2014 2348			Final Weight/Volume:	500 mL
Prep Date:	12/22/2014 2348			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.030	U	0.030	0.030
1,1-Dichloroethene	0.015	U	0.015	0.015
trans-1,2-Dichloroethene	0.015	U	0.015	0.015
1,1-Dichloroethane	0.015	U	0.015	0.015
cis-1,2-Dichloroethene	0.031	U	0.015	0.015 0.031
1,1,1-Trichloroethane	0.015	U	0.015	0.015
Benzene	0.30		0.015	0.015
1,2-Dichloroethane	0.068		0.030	0.030
Trichloroethene	0.64		0.015	0.015
Toluene	0.74		0.015	0.015
1,1,2-Trichloroethane	0.015	U	0.015	0.015
Tetrachloroethene	0.015		0.015	0.015
Ethylbenzene	0.12		0.015	0.015
o-Xylene	0.14	* J+	0.015	0.015
1,1,2,2-Tetrachloroethane	0.015	U *	0.015	0.015
m-Xylene & p-Xylene	0.43		0.015	0.030

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.077	U	0.077	0.077
1,1-Dichloroethene	0.059	U	0.059	0.059
trans-1,2-Dichloroethene	0.059	U	0.059	0.059
1,1-Dichloroethane	0.061	U	0.061	0.061
cis-1,2-Dichloroethene	0.12	U	0.059	0.059 0.12
1,1,1-Trichloroethane	0.082	U	0.082	0.082
Benzene	0.96		0.048	0.048
1,2-Dichloroethane	0.28		0.12	0.12
Trichloroethene	3.4		0.081	0.081
Toluene	2.8		0.057	0.057
1,1,2-Trichloroethane	0.082	U	0.082	0.082
Tetrachloroethene	0.10		0.10	0.10
Ethylbenzene	0.54		0.065	0.065
o-Xylene	0.62	* J+	0.065	0.065
1,1,2,2-Tetrachloroethane	0.10	U *	0.10	0.10
m-Xylene & p-Xylene	1.8		0.065	0.13

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B7-02

Lab Sample ID: 200-26000-12

Client Matrix: Air

Date Sampled: 12/16/2014 1615

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82637	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11317_009.D
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	12/23/2014 2252			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 2252			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.041	NJ	0.020	0.020
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Benzene	0.29		0.020	0.020
1,2-Dichloroethane	0.045	J+	0.040	0.040
Trichloroethene	1.3		0.020	0.020
Toluene	0.65		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.026		0.020	0.020
Ethylbenzene	0.096		0.020	0.020
o-Xylene	0.11		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.30		0.020	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.16	NJ	0.079	0.079
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Benzene	0.94		0.064	0.064
1,2-Dichloroethane	0.18	J+	0.16	0.16
Trichloroethene	7.2		0.11	0.11
Toluene	2.5		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.18		0.14	0.14
Ethylbenzene	0.42		0.087	0.087
o-Xylene	0.47		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	1.3		0.087	0.17

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: OA-B2-01

Lab Sample ID: 200-26000-13

Client Matrix: Air

Date Sampled: 12/16/2014 1442

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_018.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	12/23/2014 0142			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 0142			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.19		0.010	0.010
1,2-Dichloroethane	0.021		0.020	0.020
Trichloroethene	0.014		0.010	0.010
Toluene	0.37		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.039		0.010	0.010
o-Xylene	0.044	*	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U *	0.010	0.010
m-Xylene & p-Xylene	0.11		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.62		0.032	0.032
1,2-Dichloroethane	0.087		0.081	0.081
Trichloroethene	0.077		0.054	0.054
Toluene	1.4		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.17		0.043	0.043
o-Xylene	0.19	*	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U *	0.069	0.069
m-Xylene & p-Xylene	0.47		0.043	0.087

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: OA-B11-01

Lab Sample ID: 200-26000-14

Client Matrix: Air

Date Sampled: 12/16/2014 1532

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_019.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	12/23/2014 0239			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 0239			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.19		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.028		0.010	0.010
Toluene	0.22		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.025		0.010	0.010
o-Xylene	0.023	*	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U *	0.010	0.010
m-Xylene & p-Xylene	0.055		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.60		0.032	0.032
1,2-Dichloroethane	0.082	U	0.081	0.081 0.082
Trichloroethene	0.15		0.054	0.054
Toluene	0.82		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.11		0.043	0.043
o-Xylene	0.10	*	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U *	0.069	0.069
m-Xylene & p-Xylene	0.24		0.043	0.087

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B1-01

Lab Sample ID: 200-26000-15

Client Matrix: Air

Date Sampled: 12/16/2014 1441

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_020.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	12/23/2014 0336			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 0336			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.012	NJ	0.010	0.010
1,1,1-Trichloroethane	0.016		0.010	0.010
Benzene	0.011		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.022		0.010	0.010
Toluene	0.010	U	0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U *	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U *	0.010	0.010
m-Xylene & p-Xylene	0.020	U	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.048	NJ	0.040	0.040
1,1,1-Trichloroethane	0.086		0.055	0.055
Benzene	0.034		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.12		0.054	0.054
Toluene	0.038	U	0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U *	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U *	0.069	0.069
m-Xylene & p-Xylene	0.087	U	0.043	0.087

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-DUPE

Lab Sample ID: 200-26000-16FD

Date Sampled: 12/16/2014 1530

Client Matrix: Air

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82501	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11279_021.D
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	12/23/2014 0433			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 0433			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.28	J	0.025	0.025
1,1,1-Trichloroethane	0.048		0.025	0.025
Benzene	0.36	J	0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050
Trichloroethene	2.0	J	0.025	0.025
Toluene	0.41	J	0.025	0.025
1,1,2-Trichloroethane	0.025	U	0.025	0.025
Tetrachloroethene	0.025	U	0.025	0.025
Ethylbenzene	0.12		0.025	0.025
o-Xylene	0.14	* J	0.025	0.025
1,1,2,2-Tetrachloroethane	0.025	U *	0.025	0.025
m-Xylene & p-Xylene	0.35	J	0.025	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	1.1	J	0.099	0.099
1,1,1-Trichloroethane	0.26		0.14	0.14
Benzene	1.2	J	0.080	0.080
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	11	J	0.13	0.13
Toluene	1.5	J	0.094	0.094
1,1,2-Trichloroethane	0.14	U	0.14	0.14
Tetrachloroethene	0.17	U	0.17	0.17
Ethylbenzene	0.54		0.11	0.11
o-Xylene	0.61	* J	0.11	0.11
1,1,2,2-Tetrachloroethane	0.17	U *	0.17	0.17
m-Xylene & p-Xylene	1.5	J	0.11	0.22

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26000-1

Sdg Number: 200-26000

Client Sample ID: IA-B1A-01

Lab Sample ID: 200-26000-17

Client Matrix: Air

Date Sampled: 12/16/2014 1555

Date Received: 12/18/2014 1040

TO15 LL Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analysis Method:	TO15 LL	Analysis Batch:	200-82637	Instrument ID:	CHE.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11317_010.D
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	12/23/2014 2351			Final Weight/Volume:	500 mL
Prep Date:	12/23/2014 2351			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.015	U	0.010	0.010 0.015
Benzene	0.23		0.010	0.010
1,2-Dichloroethane	0.023	J+	0.020	0.020
Trichloroethene	0.10		0.010	0.010
Toluene	0.43		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.016		0.010	0.010
Ethylbenzene	0.049		0.010	0.010
o-Xylene	0.045		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.12		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.084	U	0.055	0.055 0.084
Benzene	0.74		0.032	0.032
1,2-Dichloroethane	0.094	J+	0.081	0.081
Trichloroethene	0.54		0.054	0.054
Toluene	1.6		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.11		0.068	0.068
Ethylbenzene	0.21		0.043	0.043
o-Xylene	0.20		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.53		0.043	0.087

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B7-01

Lab Sample ID: 200-26052-1

Client Matrix: Air

Date Sampled: 12/18/2014 1151

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method: TO-15	Analysis Batch: 200-82782	Instrument ID: CHG.i
Prep Method: Summa Canister	Prep Batch: N/A	Lab File ID: 11377_10.D
Dilution: 1.0		Initial Weight/Volume: 200 mL
Analysis Date: 12/30/2014 1810		Final Weight/Volume: 200 mL
Prep Date: 12/30/2014 1810		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.026	0.20
1,1-Dichloroethene	0.20	U	0.010	0.20
trans-1,2-Dichloroethene	0.20	U	0.027	0.20
1,1-Dichloroethane	0.20	U	0.028	0.20
cis-1,2-Dichloroethene	0.29		0.030	0.20
1,1,1-Trichloroethane	0.92		0.030	0.20
Benzene	0.20	U	0.029	0.20
1,2-Dichloroethane	0.20	U	0.052	0.20
Trichloroethene	5.6		0.030	0.20
Toluene	0.28		0.025	0.20
1,1,2-Trichloroethane	0.20	U	0.037	0.20
Tetrachloroethene	2.8		0.030	0.20
Ethylbenzene	0.20	U	0.020	0.20
m-Xylene & p-Xylene	0.50	U	0.025	0.50
o-Xylene	0.20	U	0.018	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.034	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.066	0.51
1,1-Dichloroethene	0.79	U	0.040	0.79
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
1,1-Dichloroethane	0.81	U	0.11	0.81
cis-1,2-Dichloroethene	1.1		0.12	0.79
1,1,1-Trichloroethane	5.0		0.16	1.1
Benzene	0.64	U	0.093	0.64
1,2-Dichloroethane	0.81	U	0.21	0.81
Trichloroethene	30		0.16	1.1
Toluene	1.0		0.094	0.75
1,1,2-Trichloroethane	1.1	U	0.20	1.1
Tetrachloroethene	19		0.20	1.4
Ethylbenzene	0.87	U	0.087	0.87
m-Xylene & p-Xylene	2.2	U	0.11	2.2
o-Xylene	0.87	U	0.078	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.23	1.4

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B10-01

Lab Sample ID: 200-26052-2

Date Sampled: 12/18/2014 0951

Client Matrix: Air

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method: TO-15	Analysis Batch: 200-82782	Instrument ID: CHG.i
Prep Method: Summa Canister	Prep Batch: N/A	Lab File ID: 11377_11.D
Dilution: 1.0		Initial Weight/Volume: 200 mL
Analysis Date: 12/30/2014 1901		Final Weight/Volume: 200 mL
Prep Date: 12/30/2014 1901		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.026	0.20
1,1-Dichloroethene	0.20	U	0.010	0.20
trans-1,2-Dichloroethene	0.20	U	0.027	0.20
1,1-Dichloroethane	0.20	U	0.028	0.20
cis-1,2-Dichloroethene	1.0		0.030	0.20
1,1,1-Trichloroethane	1.2		0.030	0.20
Benzene	5.8		0.029	0.20
1,2-Dichloroethane	0.20	U	0.052	0.20
Trichloroethene	9.5		0.030	0.20
Toluene	17		0.025	0.20
1,1,2-Trichloroethane	0.20	U	0.037	0.20
Tetrachloroethene	0.67		0.030	0.20
Ethylbenzene	2.9		0.020	0.20
m-Xylene & p-Xylene	7.7		0.025	0.50
o-Xylene	2.4		0.018	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.034	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.066	0.51
1,1-Dichloroethene	0.79	U	0.040	0.79
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
1,1-Dichloroethane	0.81	U	0.11	0.81
cis-1,2-Dichloroethene	4.0		0.12	0.79
1,1,1-Trichloroethane	6.6		0.16	1.1
Benzene	19		0.093	0.64
1,2-Dichloroethane	0.81	U	0.21	0.81
Trichloroethene	51		0.16	1.1
Toluene	66		0.094	0.75
1,1,2-Trichloroethane	1.1	U	0.20	1.1
Tetrachloroethene	4.5		0.20	1.4
Ethylbenzene	12		0.087	0.87
m-Xylene & p-Xylene	34		0.11	2.2
o-Xylene	10		0.078	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.23	1.4

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B10A-01

Lab Sample ID: 200-26052-3

Date Sampled: 12/18/2014 1007

Client Matrix: Air

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method: TO-15	Analysis Batch: 200-82782	Instrument ID: CHG.i
Prep Method: Summa Canister	Prep Batch: N/A	Lab File ID: 11377_12.D
Dilution: 1.0		Initial Weight/Volume: 200 mL
Analysis Date: 12/30/2014 1952		Final Weight/Volume: 200 mL
Prep Date: 12/30/2014 1952		Injection Volume: 200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.026	0.20
1,1-Dichloroethene	0.20	U	0.010	0.20
trans-1,2-Dichloroethene	0.20	U	0.027	0.20
1,1-Dichloroethane	0.20	U	0.028	0.20
cis-1,2-Dichloroethene	0.58		0.030	0.20
1,1,1-Trichloroethane	0.20	U	0.030	0.20
Benzene	0.26		0.029	0.20
1,2-Dichloroethane	0.20	U	0.052	0.20
Trichloroethene	1.8		0.030	0.20
Toluene	0.44		0.025	0.20
1,1,2-Trichloroethane	0.20	U	0.037	0.20
Tetrachloroethene	0.93		0.030	0.20
Ethylbenzene	0.47		0.020	0.20
m-Xylene & p-Xylene	1.9		0.025	0.50
o-Xylene	0.60		0.018	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.034	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.066	0.51
1,1-Dichloroethene	0.79	U	0.040	0.79
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
1,1-Dichloroethane	0.81	U	0.11	0.81
cis-1,2-Dichloroethene	2.3		0.12	0.79
1,1,1-Trichloroethane	1.1	U	0.16	1.1
Benzene	0.84		0.093	0.64
1,2-Dichloroethane	0.81	U	0.21	0.81
Trichloroethene	9.5		0.16	1.1
Toluene	1.7		0.094	0.75
1,1,2-Trichloroethane	1.1	U	0.20	1.1
Tetrachloroethene	6.3		0.20	1.4
Ethylbenzene	2.0		0.087	0.87
m-Xylene & p-Xylene	8.1		0.11	2.2
o-Xylene	2.6		0.078	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.23	1.4

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B11-01

Lab Sample ID: 200-26052-4

Client Matrix: Air

Date Sampled: 12/17/2014 1643

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-82782	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11377_13.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/30/2014 2044			Final Weight/Volume:	200 mL
Prep Date:	12/30/2014 2044			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.026	0.20
1,1-Dichloroethene	0.20	U	0.010	0.20
trans-1,2-Dichloroethene	0.20	U	0.027	0.20
1,1-Dichloroethane	0.20	U	0.028	0.20
cis-1,2-Dichloroethene	0.70		0.030	0.20
1,1,1-Trichloroethane	0.20	U	0.030	0.20
Benzene	0.20		0.029	0.20
1,2-Dichloroethane	0.20	U	0.052	0.20
Trichloroethene	6.4		0.030	0.20
Toluene	0.26		0.025	0.20
1,1,2-Trichloroethane	0.20	U	0.037	0.20
Tetrachloroethene	0.50		0.030	0.20
Ethylbenzene	0.20	U	0.020	0.20
m-Xylene & p-Xylene	0.50	U	0.025	0.50
o-Xylene	0.20	U	0.018	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.034	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.066	0.51
1,1-Dichloroethene	0.79	U	0.040	0.79
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
1,1-Dichloroethane	0.81	U	0.11	0.81
cis-1,2-Dichloroethene	2.8		0.12	0.79
1,1,1-Trichloroethane	1.1	U	0.16	1.1
Benzene	0.65		0.093	0.64
1,2-Dichloroethane	0.81	U	0.21	0.81
Trichloroethene	35		0.16	1.1
Toluene	0.99		0.094	0.75
1,1,2-Trichloroethane	1.1	U	0.20	1.1
Tetrachloroethene	3.4		0.20	1.4
Ethylbenzene	0.87	U	0.087	0.87
m-Xylene & p-Xylene	2.2	U	0.11	2.2
o-Xylene	0.87	U	0.078	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.23	1.4

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B1-01

Lab Sample ID: 200-26052-5

Date Sampled: 12/18/2014 1503

Client Matrix: Air

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-82782	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11377_14.D
Dilution:	21.8			Initial Weight/Volume:	49 mL
Analysis Date:	12/30/2014 2135			Final Weight/Volume:	200 mL
Prep Date:	12/30/2014 2135			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	4.4	U	0.57	4.4
1,1-Dichloroethene	4.4	U	0.22	4.4
trans-1,2-Dichloroethene	4.4	U	0.59	4.4
1,1-Dichloroethane	4.4	U	0.61	4.4
cis-1,2-Dichloroethene	18		0.65	4.4
1,1,1-Trichloroethane	4.4	U	0.65	4.4
Benzene	4.4	U	0.63	4.4
1,2-Dichloroethane	4.4	U	1.1	4.4
Trichloroethene	650		0.65	4.4
Toluene	4.4	U	0.55	4.4
1,1,2-Trichloroethane	4.4	U	0.81	4.4
Tetrachloroethene	4.5		0.65	4.4
Ethylbenzene	4.4	U	0.44	4.4
m-Xylene & p-Xylene	11	U	0.55	11
o-Xylene	4.4	U	0.39	4.4
1,1,2,2-Tetrachloroethane	4.4	U	0.74	4.4

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	11	U	1.4	11
1,1-Dichloroethene	17	U	0.86	17
trans-1,2-Dichloroethene	17	U	2.3	17
1,1-Dichloroethane	18	U	2.5	18
cis-1,2-Dichloroethene	70		2.6	17
1,1,1-Trichloroethane	24	U	3.6	24
Benzene	14	U	2.0	14
1,2-Dichloroethane	18	U	4.6	18
Trichloroethene	3500		3.5	23
Toluene	16	U	2.1	16
1,1,2-Trichloroethane	24	U	4.4	24
Tetrachloroethene	31		4.4	30
Ethylbenzene	19	U	1.9	19
m-Xylene & p-Xylene	47	U	2.4	47
o-Xylene	19	U	1.7	19
1,1,2,2-Tetrachloroethane	30	U	5.1	30

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-DUPLICATE

Lab Sample ID: 200-26052-6

Date Sampled: 12/18/2014 1503

Client Matrix: Air

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-82782	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11377_15.D
Dilution:	15.9			Initial Weight/Volume:	61 mL
Analysis Date:	12/30/2014 2226			Final Weight/Volume:	200 mL
Prep Date:	12/30/2014 2226			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	3.2	U	0.41	3.2
1,1-Dichloroethene	3.2	U	0.16	3.2
trans-1,2-Dichloroethene	3.2	U	0.43	3.2
1,1-Dichloroethane	3.2	U	0.45	3.2
cis-1,2-Dichloroethene	13		0.48	3.2
1,1,1-Trichloroethane	3.2	U	0.48	3.2
Benzene	3.2	U	0.46	3.2
1,2-Dichloroethane	3.2	U	0.83	3.2
Trichloroethene	480		0.48	3.2
Toluene	3.2	U	0.40	3.2
1,1,2-Trichloroethane	3.2	U	0.59	3.2
Tetrachloroethene	3.3		0.48	3.2
Ethylbenzene	3.2	U	0.32	3.2
m-Xylene & p-Xylene	8.0	U	0.40	8.0
o-Xylene	3.2	U	0.29	3.2
1,1,2,2-Tetrachloroethane	3.2	U	0.54	3.2

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	8.1	U	1.1	8.1
1,1-Dichloroethene	13	U	0.63	13
trans-1,2-Dichloroethene	13	U	1.7	13
1,1-Dichloroethane	13	U	1.8	13
cis-1,2-Dichloroethene	51		1.9	13
1,1,1-Trichloroethane	17	U	2.6	17
Benzene	10	U	1.5	10
1,2-Dichloroethane	13	U	3.3	13
Trichloroethene	2600		2.6	17
Toluene	12	U	1.5	12
1,1,2-Trichloroethane	17	U	3.2	17
Tetrachloroethene	23		3.2	22
Ethylbenzene	14	U	1.4	14
m-Xylene & p-Xylene	35	U	1.7	35
o-Xylene	14	U	1.2	14
1,1,2,2-Tetrachloroethane	22	U	3.7	22

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B13-01

Lab Sample ID: 200-26052-7

Date Sampled: 12/18/2014 1409

Client Matrix: Air

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-82782	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11377_16.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/30/2014 2317			Final Weight/Volume:	200 mL
Prep Date:	12/30/2014 2317			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.026	0.20
1,1-Dichloroethene	0.20	U	0.010	0.20
trans-1,2-Dichloroethene	0.20	U	0.027	0.20
1,1-Dichloroethane	0.20	U	0.028	0.20
cis-1,2-Dichloroethene	0.20	U	0.030	0.20
1,1,1-Trichloroethane	0.20	U	0.030	0.20
Benzene	0.20	U	0.029	0.20
1,2-Dichloroethane	0.20	U	0.052	0.20
Trichloroethene	0.20	U	0.030	0.20
Toluene	0.20	U	0.025	0.20
1,1,2-Trichloroethane	0.20	U	0.037	0.20
Tetrachloroethene	0.20	U	0.030	0.20
Ethylbenzene	0.20	U	0.020	0.20
m-Xylene & p-Xylene	0.50	U	0.025	0.50
o-Xylene	0.20	U	0.018	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.034	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.066	0.51
1,1-Dichloroethene	0.79	U	0.040	0.79
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
1,1-Dichloroethane	0.81	U	0.11	0.81
cis-1,2-Dichloroethene	0.79	U	0.12	0.79
1,1,1-Trichloroethane	1.1	U	0.16	1.1
Benzene	0.64	U	0.093	0.64
1,2-Dichloroethane	0.81	U	0.21	0.81
Trichloroethene	1.1	U	0.16	1.1
Toluene	0.75	U	0.094	0.75
1,1,2-Trichloroethane	1.1	U	0.20	1.1
Tetrachloroethene	1.4	U	0.20	1.4
Ethylbenzene	0.87	U	0.087	0.87
m-Xylene & p-Xylene	2.2	U	0.11	2.2
o-Xylene	0.87	U	0.078	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.23	1.4

Analytical Data

Client: ARCADIS U.S. Inc

Job Number: 200-26052-1

Sdg Number: 200-26052

Client Sample ID: SVSS-B13A-01

Lab Sample ID: 200-26052-8

Date Sampled: 12/18/2014 1400

Client Matrix: Air

Date Received: 12/20/2014 1000

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-82782	Instrument ID:	CHG.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	11377_17.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/31/2014 0008			Final Weight/Volume:	200 mL
Prep Date:	12/31/2014 0008			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.026	0.20
1,1-Dichloroethene	0.20	U	0.010	0.20
trans-1,2-Dichloroethene	0.20	U	0.027	0.20
1,1-Dichloroethane	0.20	U	0.028	0.20
cis-1,2-Dichloroethene	0.20	U	0.030	0.20
1,1,1-Trichloroethane	0.47		0.030	0.20
Benzene	0.20	U	0.029	0.20
1,2-Dichloroethane	0.20	U	0.052	0.20
Trichloroethene	0.20		0.030	0.20
Toluene	0.37		0.025	0.20
1,1,2-Trichloroethane	0.20	U	0.037	0.20
Tetrachloroethene	0.46		0.030	0.20
Ethylbenzene	0.20	U	0.020	0.20
m-Xylene & p-Xylene	0.50	U	0.025	0.50
o-Xylene	0.20	U	0.018	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.034	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.066	0.51
1,1-Dichloroethene	0.79	U	0.040	0.79
trans-1,2-Dichloroethene	0.79	U	0.11	0.79
1,1-Dichloroethane	0.81	U	0.11	0.81
cis-1,2-Dichloroethene	0.79	U	0.12	0.79
1,1,1-Trichloroethane	2.5		0.16	1.1
Benzene	0.64	U	0.093	0.64
1,2-Dichloroethane	0.81	U	0.21	0.81
Trichloroethene	1.1		0.16	1.1
Toluene	1.4		0.094	0.75
1,1,2-Trichloroethane	1.1	U	0.20	1.1
Tetrachloroethene	3.1		0.20	1.4
Ethylbenzene	0.87	U	0.087	0.87
m-Xylene & p-Xylene	2.2	U	0.11	2.2
o-Xylene	0.87	U	0.078	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.23	1.4