



GTE Operations Support Incorporated
One Verizon Way (VC34W414)
Basking Ridge, NJ 07920-1097
(908) 559-3691

March 18, 2013

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

Re: *Subslab Vapor and Indoor Air Sampling Report*

Dear Mr. Festa:

Attached are the December 2012 subslab vapor and January 2013 indoor air sampling results for the former Philips Display Components facility in Seneca Falls, New York. Volatile organic compounds (VOC), primarily trichloroethene, were reported in the subslab vapor and indoor air. Three subslab depressurization (SSD) and one ventilation system continue to operate.

The next monitoring event is tentatively scheduled for the week of March 25, 2013.

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

Sincerely,

A handwritten signature in black ink, appearing to read "P. M. Cox", written over a horizontal line.

Pam M. Cox
Manager –Workplace Safety & Environmental Compliance

ATTACHMENTS

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

Mr. Thomas Festa
NYSDEC

March 18, 2013
Page 2

cc:

Mr. Dale Carpenter
U.S. Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Ms. Melissa A. Menetti
New York State Department of Health
547 River Street
Troy, NY 12180

Ms. Patricia Jones
Seneca County Industrial Development Agency
1 DiPronio Drive
Waterloo, NY 13165-1681

Mr. Sam Ezekwo
USEPA, Region 2
Div. of Environ. Planning and Protection
290 Broadway, 22nd Floor
New York, NY 10007-1866

Mr. Matt Dukat
H.P. Neun
100 Dunn Road
Lyons NY 14489

ecc:

Mr. Ray Larkin
Environmental Consultant
9 Hawthorne Court
North Kingstown, RI 02852-4646

Ms. Denise Radtke
NYS Dept of Environmental Conservation
625 Broadway
Albany, New York 12233-7252

Ms. Marzi Sharfaei
ARCADIS U.S., Inc.
2800 West Higgins Road, 10th Floor
Hoffman Estates, Illinois 60169

Mr. Daniel Lang
ARCADIS U.S., Inc.
855 Route 146, Suite 210
Clifton Park, NY 12065

Attachment A
Subslab Vapor and Indoor Air
Sampling Event Summary

To minimize volatile organic compounds (VOC), primarily trichloroethene (TCE) concentrations in subslab vapor and indoor air, the following subslab depressurization (SSD) and ventilation systems have been installed at the former Philips Display Components facility in Seneca Falls, New York:

- Building 9 Office Area crawl space ventilation system¹,
- Building 11 Area SSD system,
- Building 7 Area SSD system,
- Building 10 Area SSD system, and
- Building 1A sump/trench ventilation and SSD system.

Indoor air samples are collected and analyzed quarterly and subslab vapor samples are collected and analyzed annually to monitor SSD system effectiveness.

Either a digital manometer or U-tube vacuum indicator are used 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 sump/trench ventilation system piping.

On December 19, 2012, six subslab vapor samples and one duplicate were collected. On January 3, 2013, twelve indoor, one duplicate, one crawl space, and two outdoor (ambient) air samples were collected². The sample locations are shown on Figures 2 through 6. Samples were analyzed by TestAmerica Laboratories, Inc. of Burlington, Vermont for 16 site-specific VOCs. The subslab samples were analyzed using United States Environmental Protection Agency (USEPA) Method TO-15. Crawl space and indoor- and outdoor-air samples were analyzed using low-level USEPA Method TO-15. Analytical results are provided in Tables 1 through 6 and displayed graphically on Figures 7 through 11.

Sampling, laboratory analysis, quality assurance and quality control, 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).

Concentration Trends

The January 2013 indoor air TCE concentrations ranged from 1.6 to 27 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), which was higher than the December 2011 concentration range (1.1 to 17 $\mu\text{g}/\text{m}^3$) but within the historical range (0.091 to 30 $\mu\text{g}/\text{m}^3$) during SSD system operation. However, the building was closed for five days prior to the January 2013 sampling. During these five days, bay doors were closed, heating was minimal, and indoor air circulation was less than during warehouse operations.

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

² The sampling was delayed until January 3, 2013 because the original flow controllers sent by the laboratory were not useable.

Building 9 Area

The Building 9 office indoor air TCE concentration ($6.5 \mu\text{g}/\text{m}^3$) was higher than the December 2011 TCE concentration ($5.3 \mu\text{g}/\text{m}^3$) but within the previous concentration range (0.12 to $30 \mu\text{g}/\text{m}^3$). The Building 9 warehouse indoor air TCE concentration ($2.7 \mu\text{g}/\text{m}^3$) was lower than the December 2011 TCE concentration ($17 \mu\text{g}/\text{m}^3$) and within the previous concentration range (0.091 to $51 \mu\text{g}/\text{m}^3$).

The Building 9 crawlspace air TCE concentration ($27 \mu\text{g}/\text{m}^3$) was higher than the December 2011 concentration ($2.8 \mu\text{g}/\text{m}^3$) and within the previous concentration range (2.8 to $210 \mu\text{g}/\text{m}^3$) (Figure 7 and Table 1).

Building 11 Area

The Building 11 Area comprises parts of Buildings 11, 11A, 13, and 13A.

The December 2012 Building 11 Area indoor air TCE concentrations ranged from 2.6 to $9.3 \mu\text{g}/\text{m}^3$, which were higher than the December 2011 concentrations (2.7 to $6.2 \mu\text{g}/\text{m}^3$) but within the previous concentration range (0.70 to $30 \mu\text{g}/\text{m}^3$) during SSD system operation. The following table summarizes the December 2011 and 2012 Building 11 Area indoor air TCE concentrations.

Building	December 2012 TCE Concentration in Indoor Air ($\mu\text{g}/\text{m}^3$)	December 2011 TCE Concentration in Indoor Air ($\mu\text{g}/\text{m}^3$)
11	9.3	4.8
11A	9.3	6.2
13	2.6	3.1
13A	3.7	2.7

The December 2012 Building 11 Area subslab vapor TCE concentrations were similar to December 2011 concentration. The following table compares the December 2011 and 2012 Building 11 Area subslab sample TCE concentrations.

Building	December 2012 TCE Concentration in Subslab Vapor ($\mu\text{g}/\text{m}^3$)	December 2011 TCE Concentration in Subslab Vapor ($\mu\text{g}/\text{m}^3$)
11A	20	20
13	< 1.1	<5.4
13A	< 1.1	< 1.1

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 2012 TCE concentration in the Building 7 office area ($18 \mu\text{g}/\text{m}^3$) was higher than the December 2011 concentration ($3.8 \mu\text{g}/\text{m}^3$), and the previous concentration range (0.82 to $6.8 \mu\text{g}/\text{m}^3$) (Figure 9). The December 2012 warehouse indoor air TCE concentration ($20 \mu\text{g}/\text{m}^3$) was higher than the December 2011 concentration ($3.5 \mu\text{g}/\text{m}^3$), and the previous concentration range

(0.64 to 18 $\mu\text{g}/\text{m}^3$) during SSD system operation. December 2012 TCE concentrations in the subslab vapor beneath Building 7 (23 $\mu\text{g}/\text{m}^3$) was equal to the December 2011 concentration (23 $\mu\text{g}/\text{m}^3$) (Figure 9).

The Building 7 SSD system continues to sustain negative subslab pressures greater than 45 feet from the extraction wells. Options for depressurizing additional portions of the subslab beneath Building 7 are being evaluated.

Building 10 Area

The Buildings 10 and 10A indoor air TCE concentrations were 27 and 18 $\mu\text{g}/\text{m}^3$, respectively. The concentrations were higher than the Building 10 and 10A December 2011 TCE concentrations (13 and 8 $\mu\text{g}/\text{m}^3$, respectively). The TCE concentration in the Building 10 subslab vapor decreased from 34 $\mu\text{g}/\text{m}^3$ in December 2011 to 22 $\mu\text{g}/\text{m}^3$ in December 2012. The Building 10A subslab vapor TCE concentration decreased from 12 $\mu\text{g}/\text{m}^3$ in December 2011 to 5.7 $\mu\text{g}/\text{m}^3$ in December 2012.

The Building 10 SSD system sustains negative subslab pressures greater than 100 feet from the extraction wells.

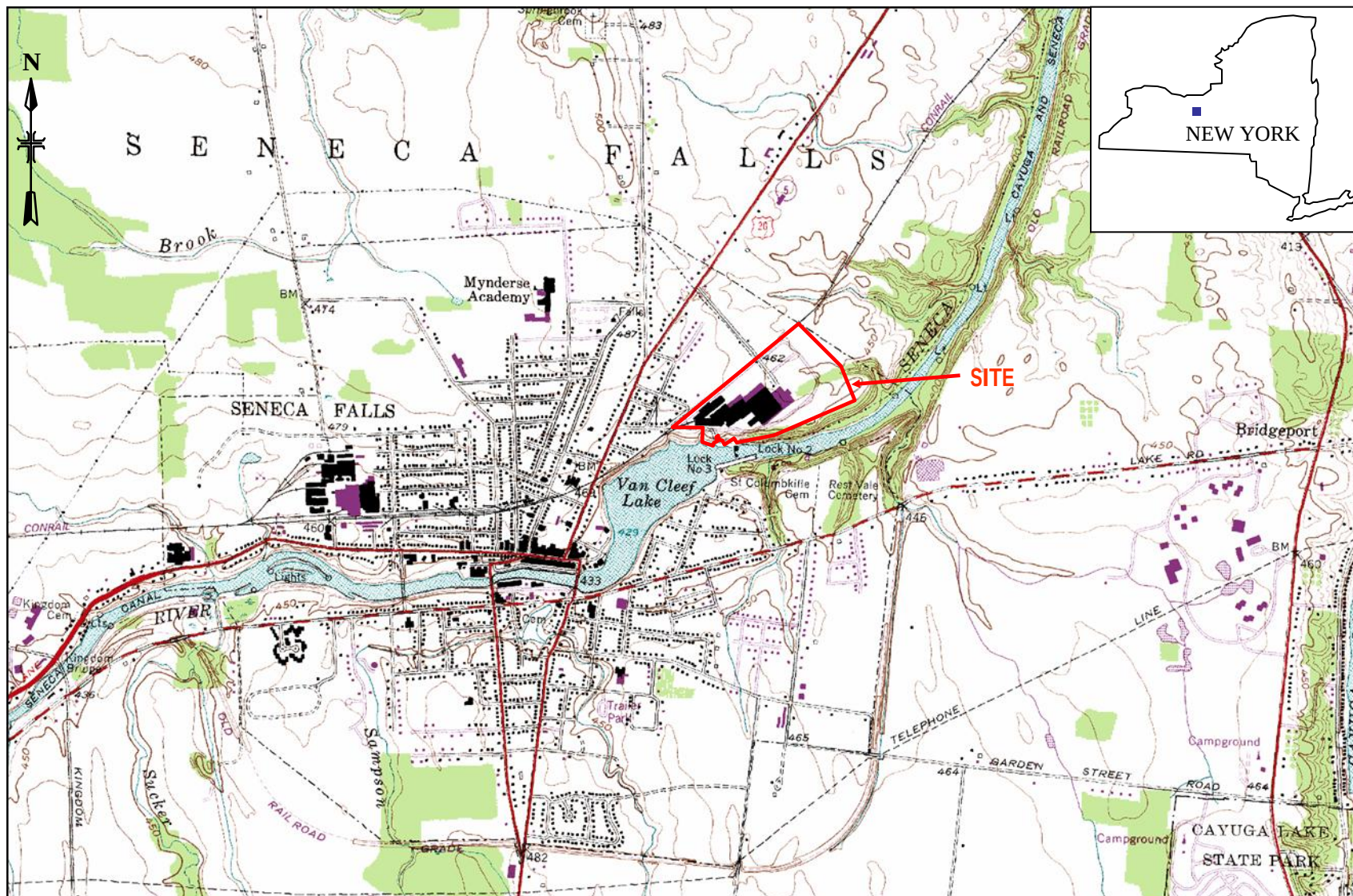
Building 1A Area

The Building 1A first floor indoor air TCE concentration (1.6 $\mu\text{g}/\text{m}^3$) was similar to the December 2011 concentration (1.1 $\mu\text{g}/\text{m}^3$) and was within the previous concentration range (0.059 to 27 $\mu\text{g}/\text{m}^3$). The Building 1A basement indoor air TCE concentration (3 $\mu\text{g}/\text{m}^3$) was slightly greater than the December 2011 concentration (1.6 $\mu\text{g}/\text{m}^3$), and within the previous concentration range (0.081 to 160 $\mu\text{g}/\text{m}^3$).

Conclusions

The analytical results and field measurements indicate the ventilation and SSD systems are effective at sustaining negative differential pressures. Ventilation and SSD systems operation has continued to lower the subslab and indoor air VOC concentrations. Options for depressurizing additional portions of the subslab are forthcoming.

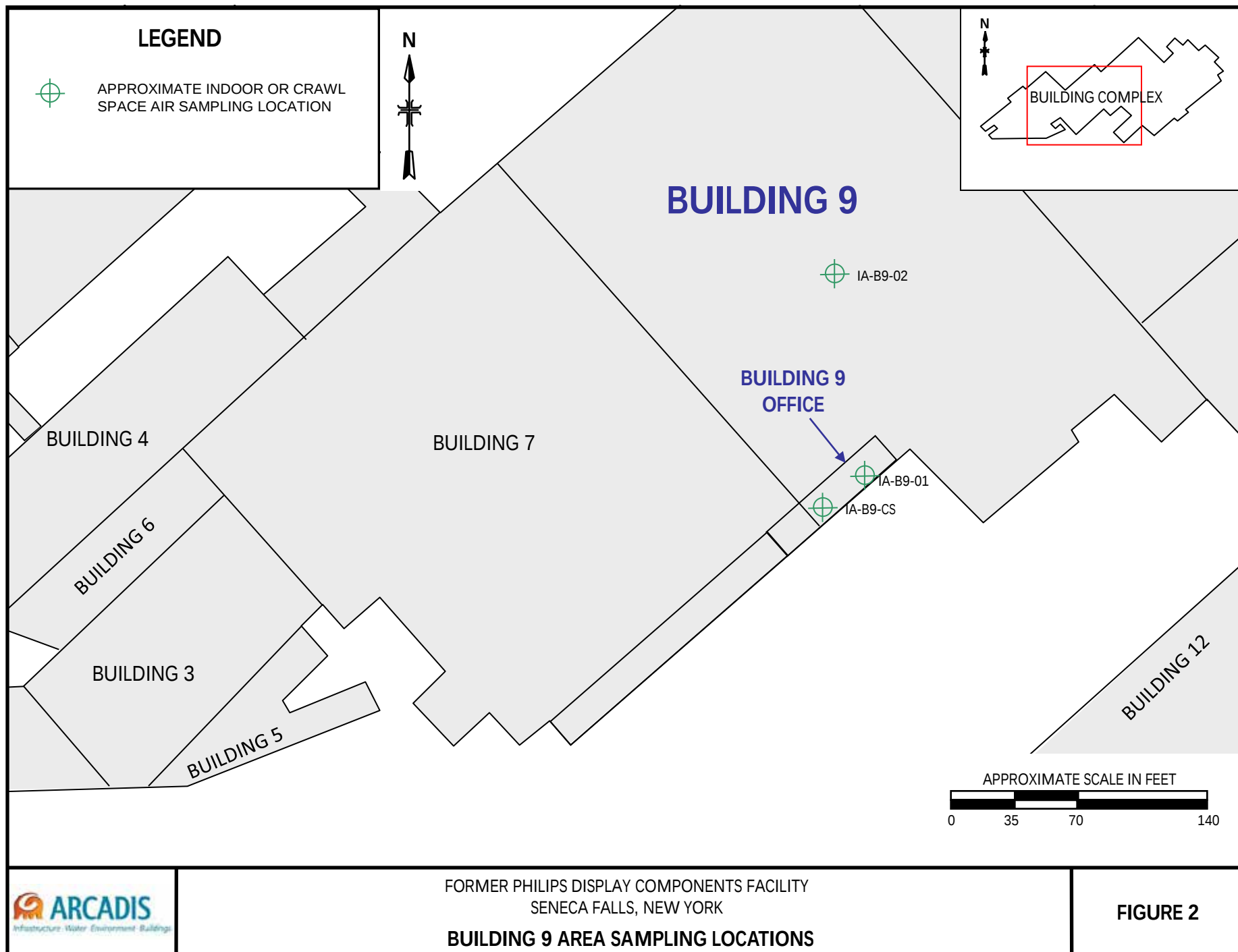
Attachment B
Figures

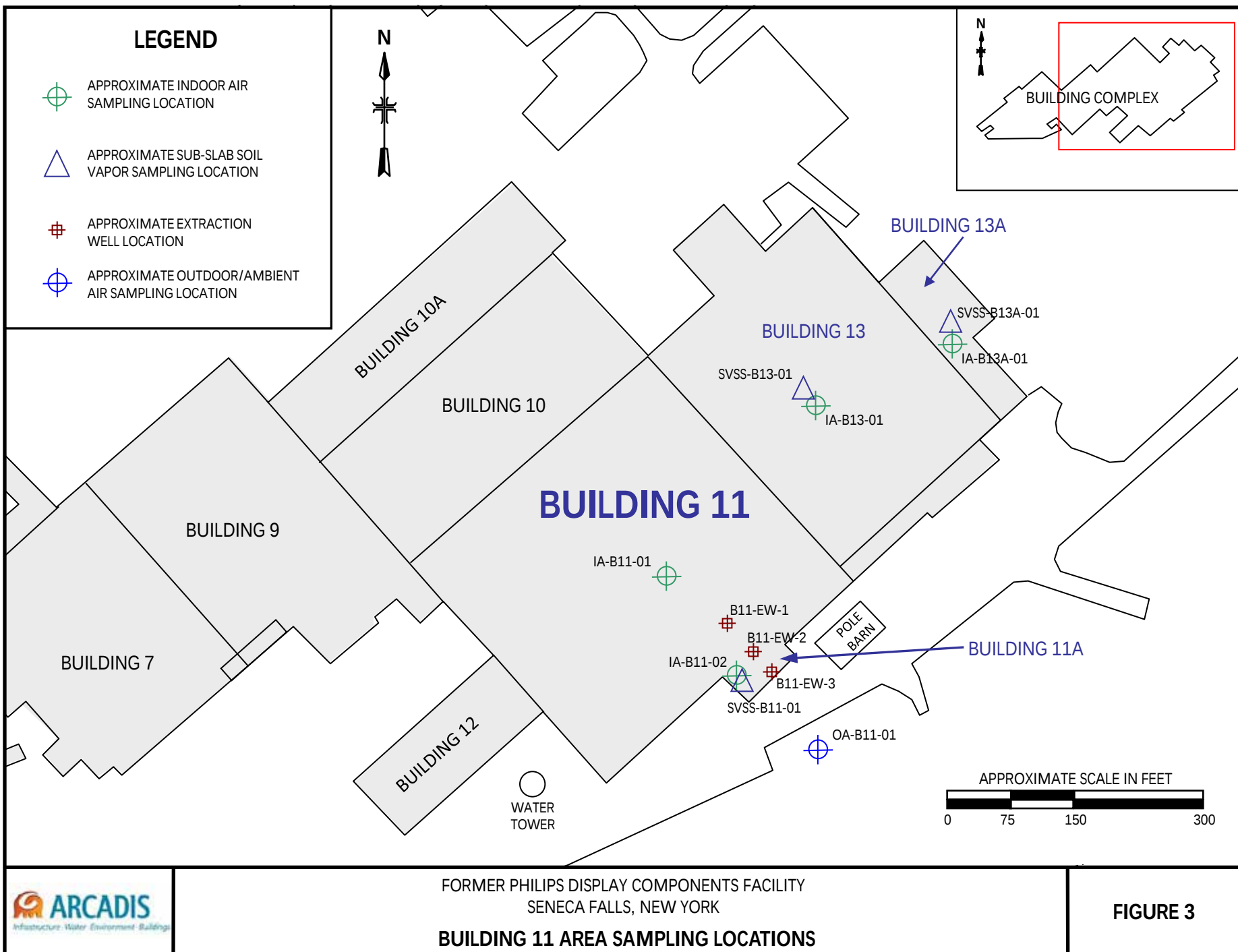


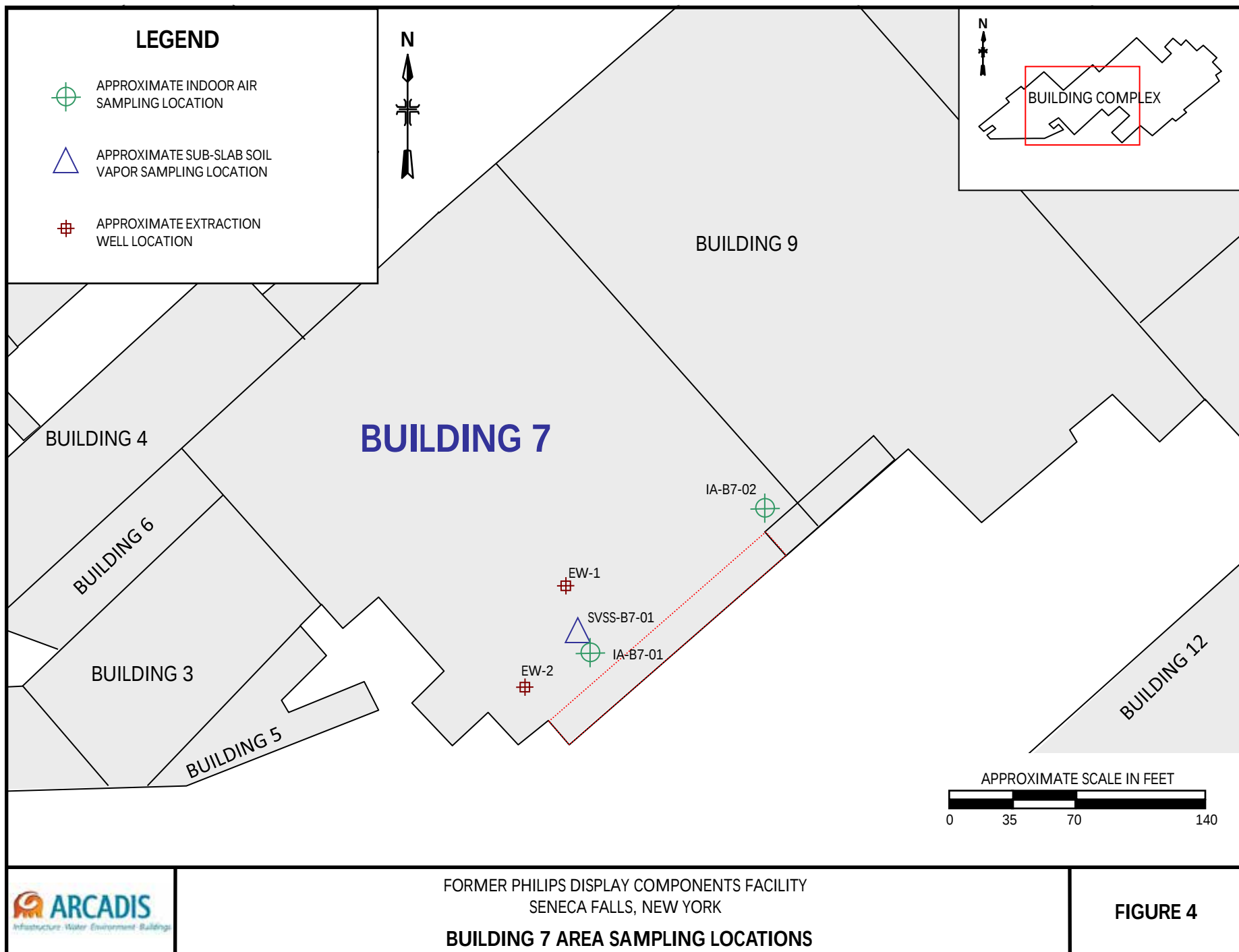
MAP SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC SERIES, SENECA FALLS QUADRANGLE

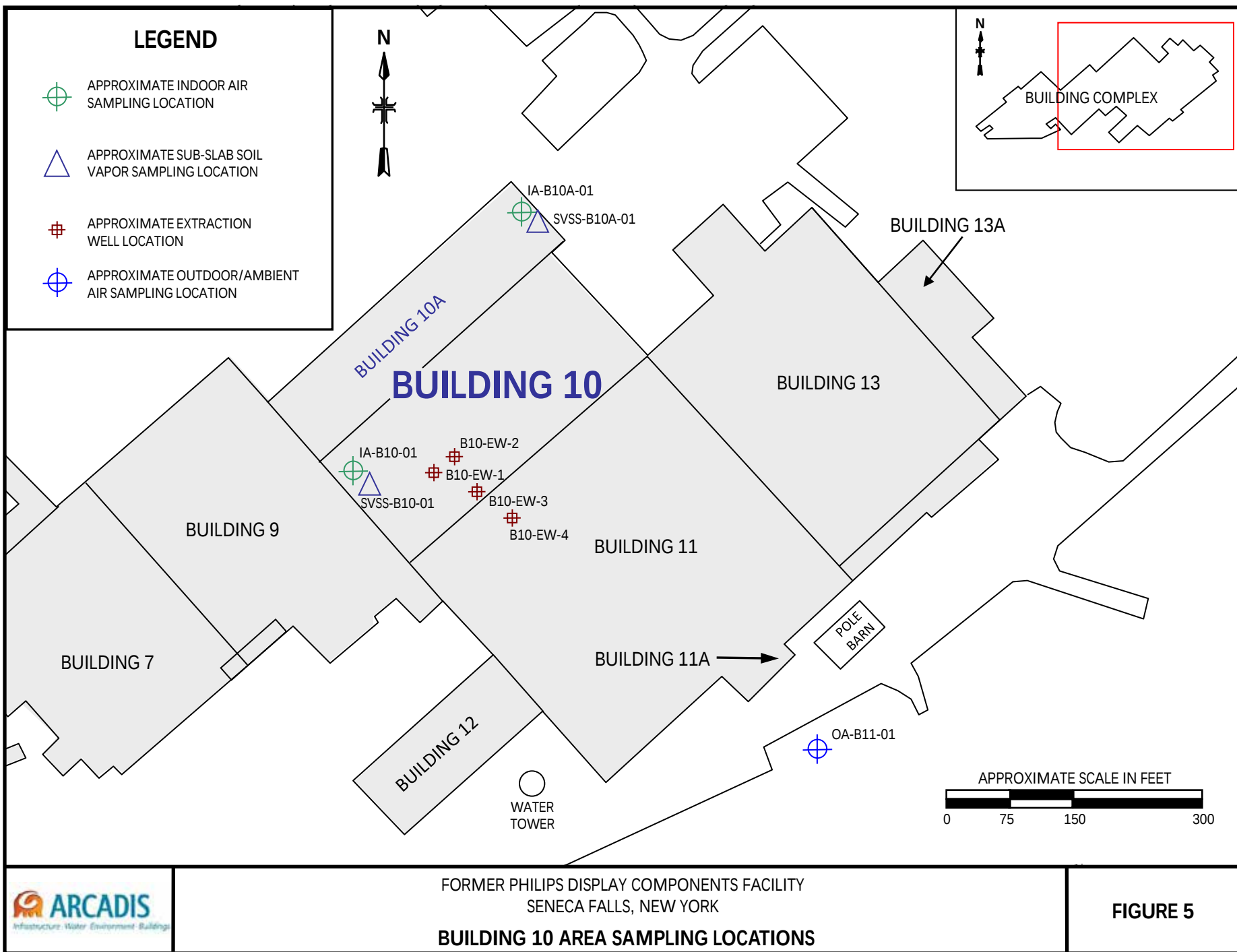
APPROXIMATE SCALE IN MILES











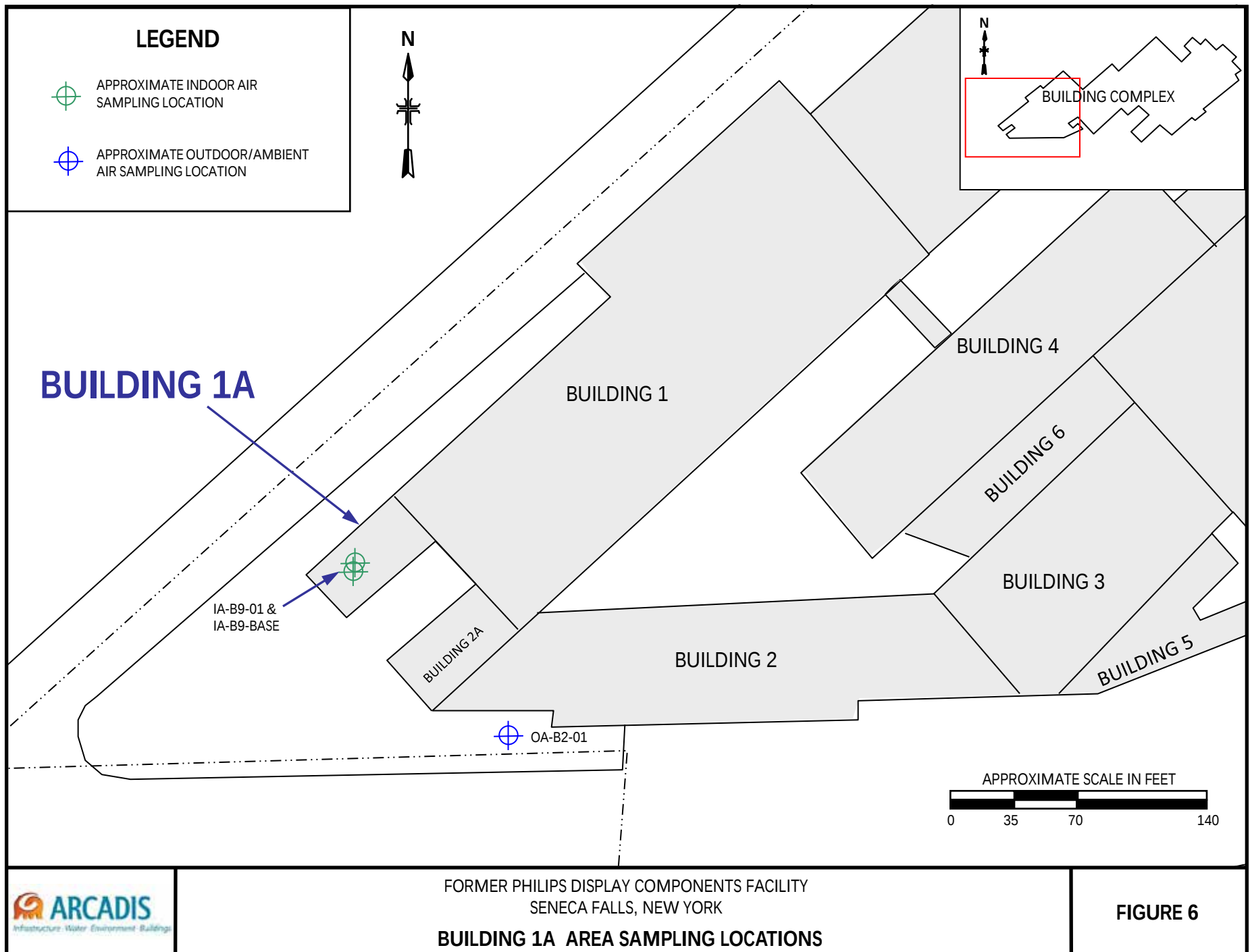


Figure 7: Building 9 Area TCE Concentrations

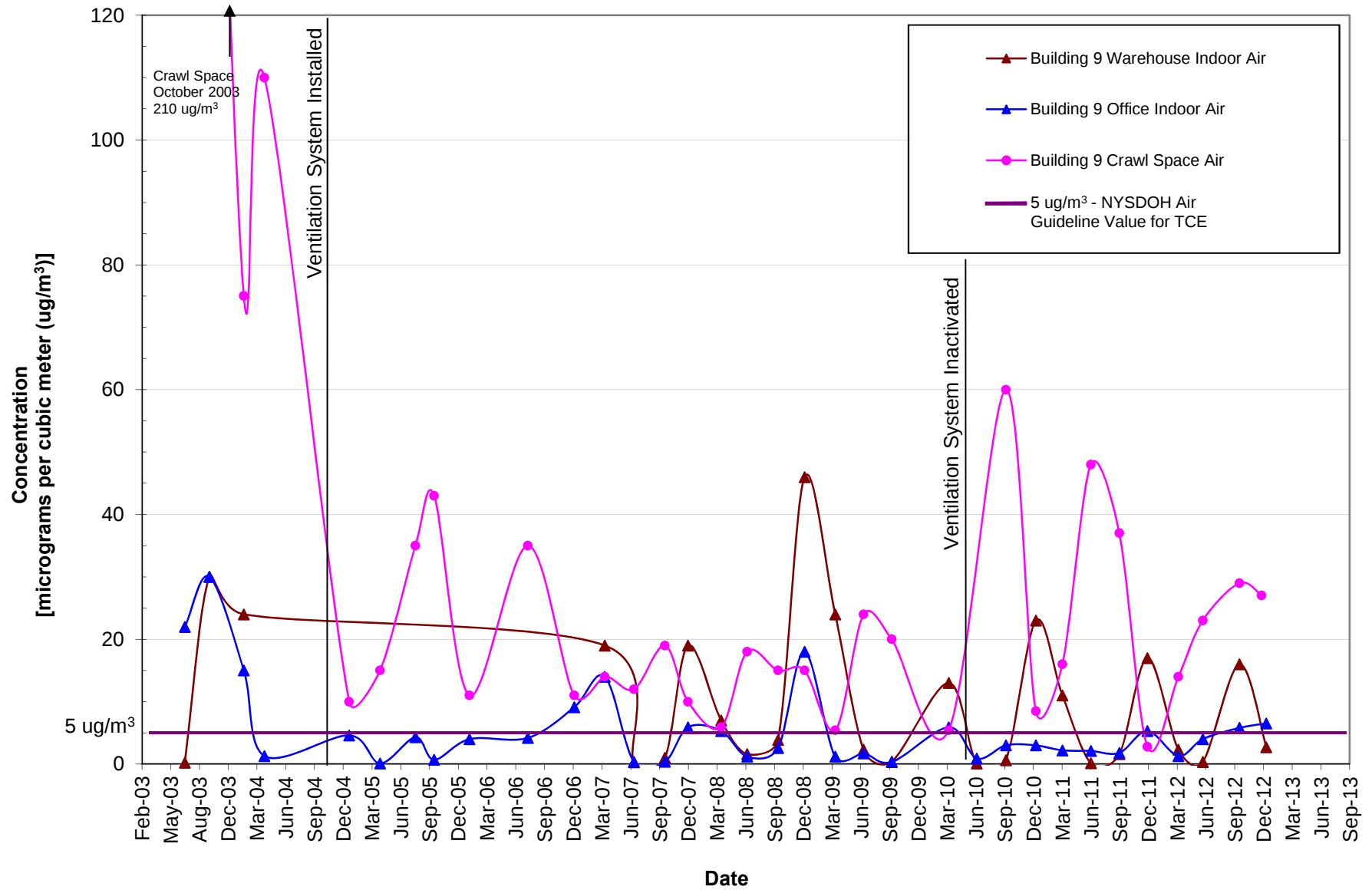


Figure 8: Building 11 Area TCE Concentrations

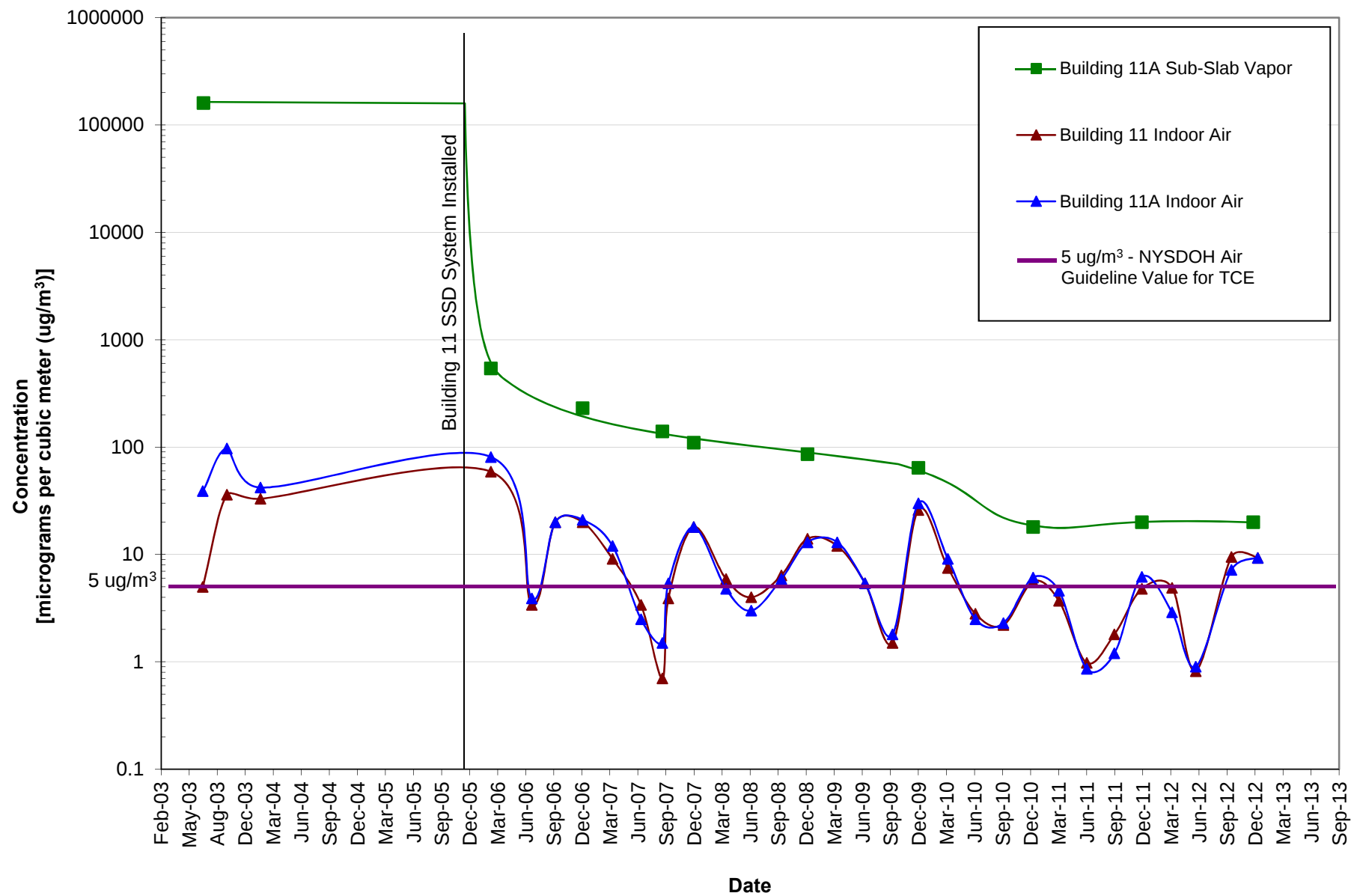


Figure 9: Building 7 Area TCE Concentrations

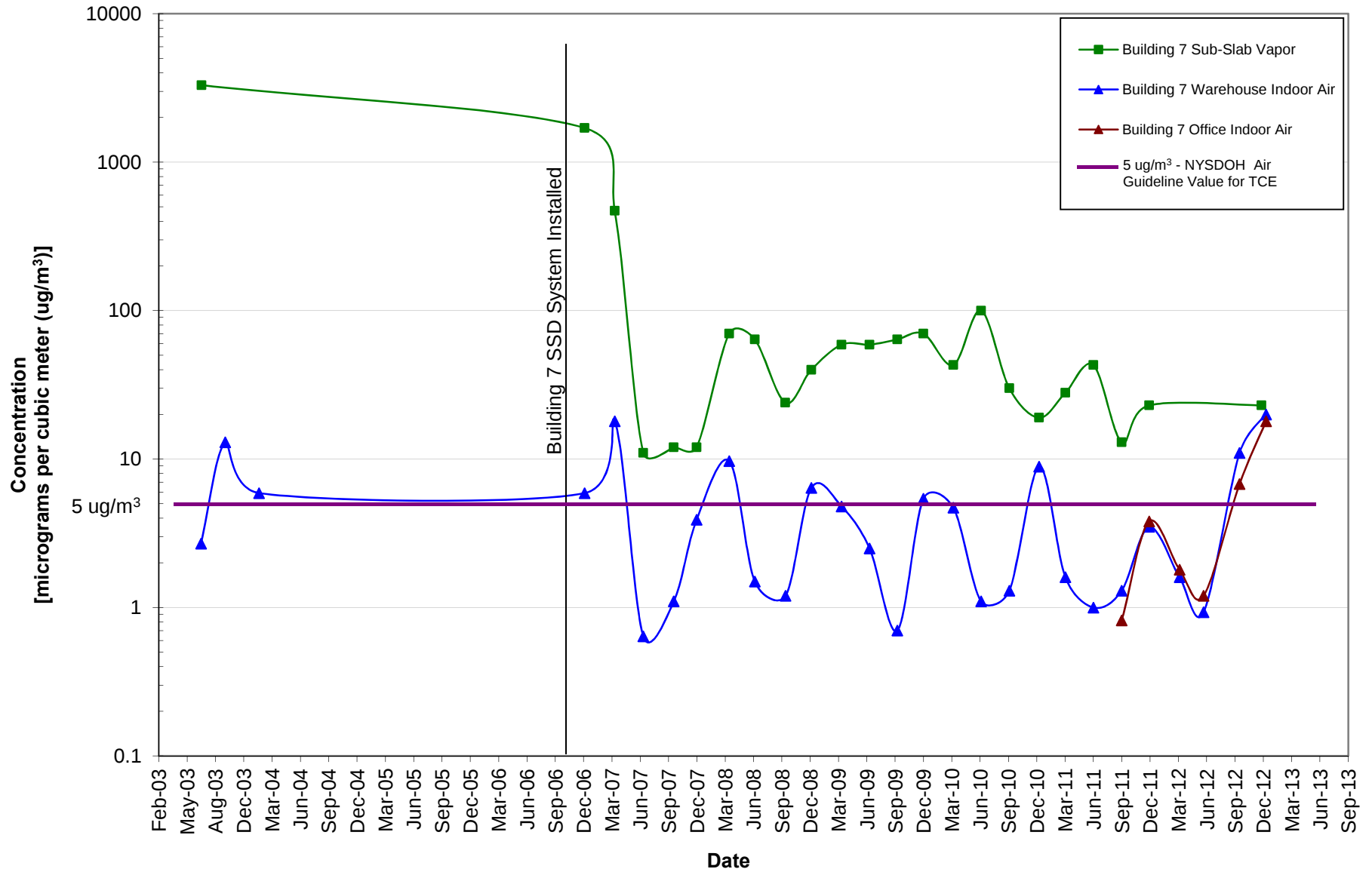


Figure 10: Building 10 Area TCE Concentrations

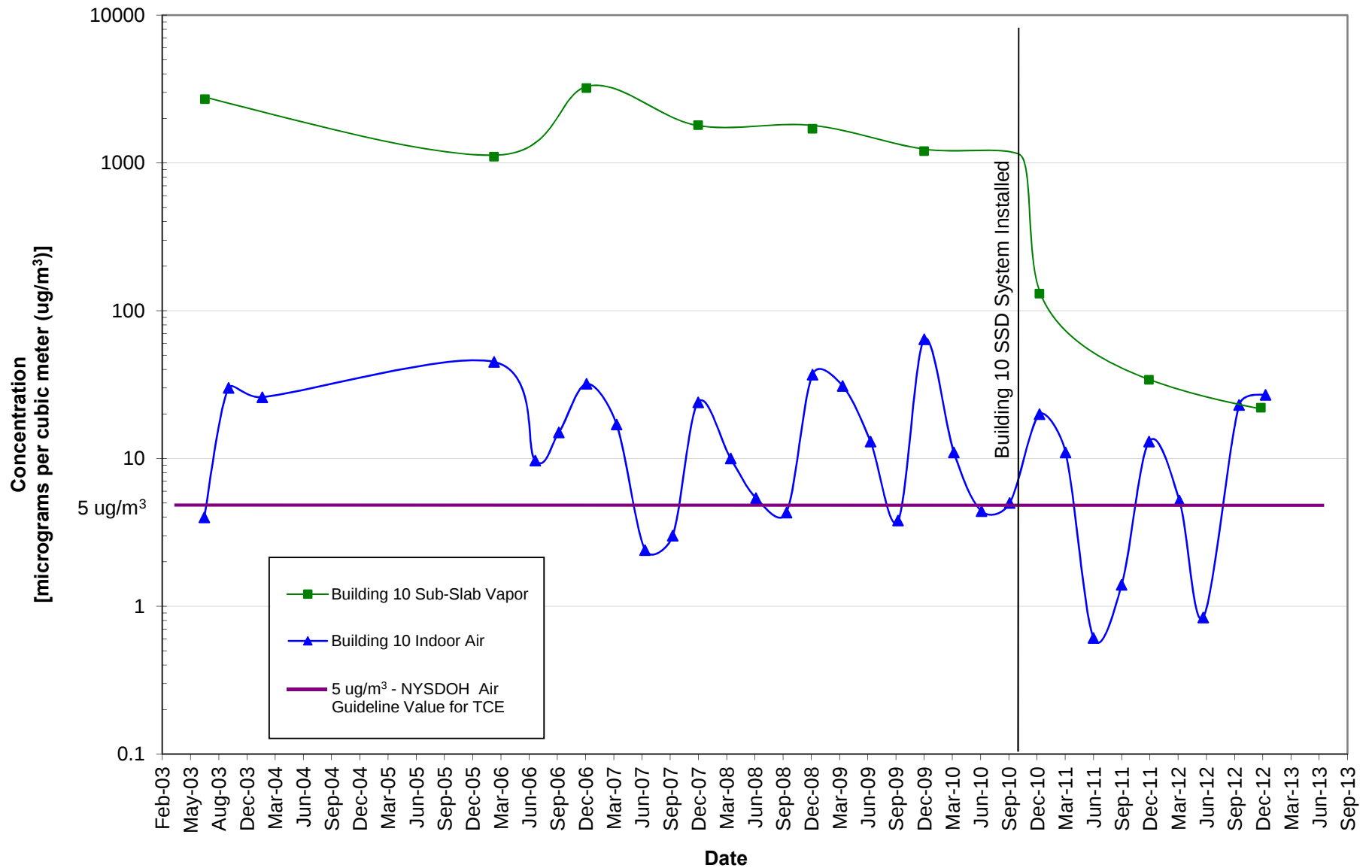
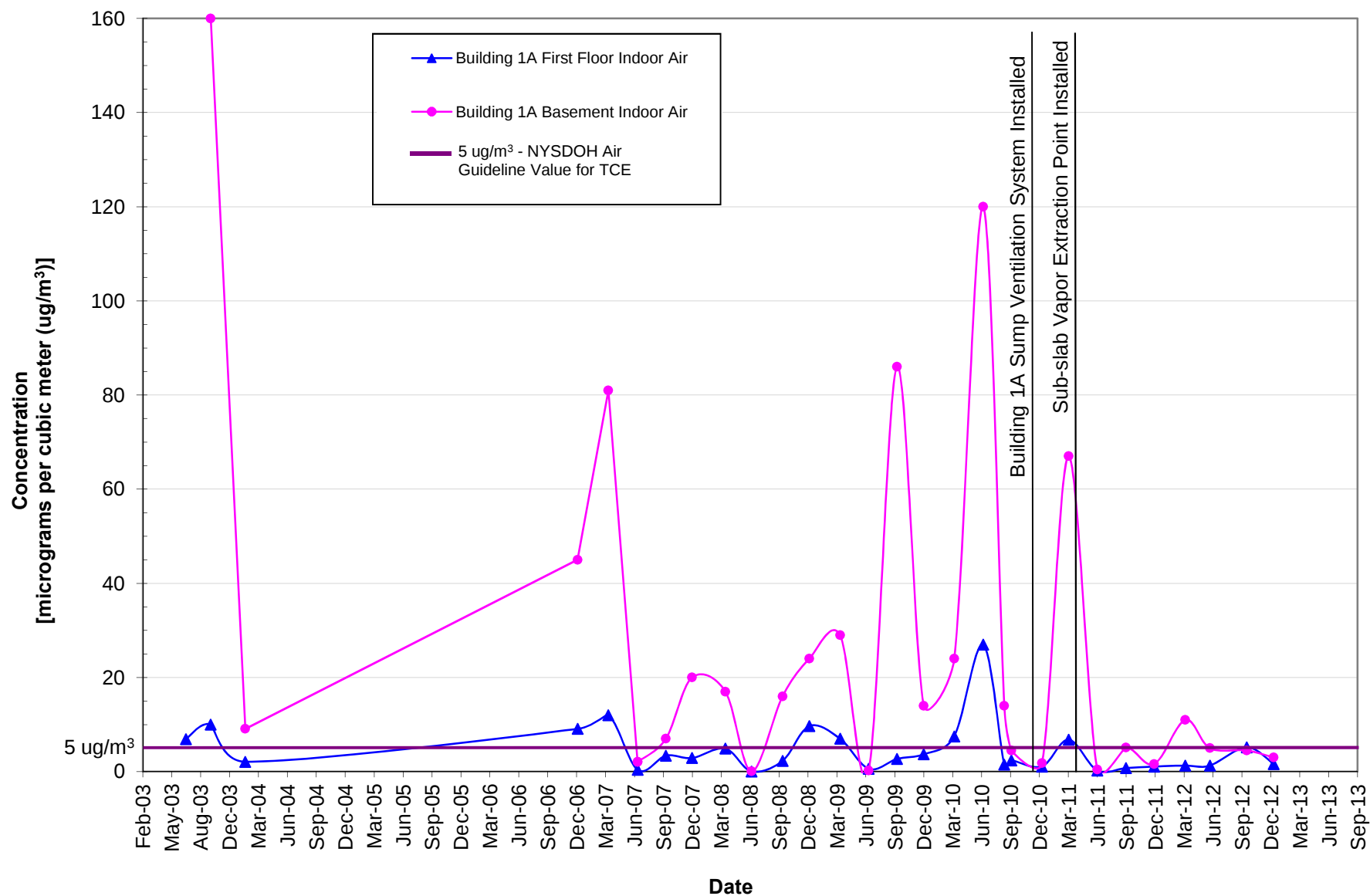


Figure 11: Building 1A Area TCE Concentrations



Attachment C

Tables

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

Sample Description	BUILDING 9 OFFICE INDOOR AIR																																		
Sample ID	IA-B9-01																																		
Date Collected	7/15/03	10/2/03	1/20/04	3/26/04	12/22/04	3/31/05	7/22/05	9/20/05	1/11/06	7/17/06	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/23/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.22	0.55 U	0.27 U	0.15 U	0.17	0.076	0.10	0.12	0.13	0.23	0.21	0.44	0.065	0.071	0.25	0.14	0.22 U	0.18	0.34	0.38	0.39	0.22 U	NS	0.27 U	0.16 U	0.11 U	0.82 U	0.055 U	0.11 U	0.084 NJ	0.11 U	0.16 U	0.11 U	0.16 U	0.11 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.069 U	0.069 U	0.069 U	0.14 U	0.069 U	0.21 U	0.14 U	0.27 U	0.069 U	0.069 U	0.10 U	0.14 U	0.27 U	0.069 U	0.38 UJ	0.082 U	0.34 U	0.27 U	NS	0.34 U	0.21 U	0.14 U	0.10 U	0.069 U	0.14 U	0.069 U	0.14 U	0.21 U	0.14 U	0.21 U	0.14 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.055 U	0.055 U	0.055 U	0.11 U	0.055 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.082 U	0.11 U	0.22 U	0.055 U	0.31 U	0.065 U	0.27 U	0.22 U	NS	0.27 U	0.16 U	0.11 U	0.082 U	0.055 U	0.11 U	0.055 U	0.11 U	0.16 U	0.11 U	0.16 U	0.11 U
1,1-Dichloroethane	0.080 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.081 U	0.040 U	0.12 U	0.081 U	0.16 U	0.040 U	0.040 U	0.061 U	0.081 U	0.160 U	0.040 U	0.230 U	0.049 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.081 U	0.061 U	0.040 U	0.081 U	0.040 U	0.081 U	0.12 U	0.081 U	0.12 U	0.081 U
1,1-Dichloroethene	0.040 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.16 U	0.040 U	0.12 U	0.079 U	0.16 U	0.040 U	0.040 U	0.059 U	0.079 U	0.160 U	0.040 U	0.220 U	0.048 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.079 U	0.059 U	0.040 U	0.079 U	0.040 U	0.079 U	0.12 U	0.079 U	0.12 U	0.079 U
1,2-Dichloroethane	0.087	0.40 U	0.20 U	0.093	0.077	0.049	0.04 U	0.081 U	0.093	0.34	0.16 U	0.32 U	0.081 U	0.081 U	0.12 U	0.16 U	0.32 U	0.081 U	0.45 U	0.11	0.4 U	0.32 U	NS	0.40 U	0.24 U	0.16 U	0.12 U	0.081 U	0.16 U	0.094 NJ	0.16 U	0.24 U	0.16 U	0.24 U	0.16 U
Benzene	1.3	2.2	2.3	2.7	2.7	0.77	2.0	1.3	3.5	3.1	2.9	3.1	0.42	0.51	1.5	1.4	0.61	0.51	2.8	1.1	1.4	0.96	NS	1.7	0.67	0.87	0.65	0.40	0.43	0.55	1.4	1.7	1.3	0.66	0.62
cis-1,2-Dichloroethene	0.22	0.67	0.2 U	0.38	0.27	0.04 U	0.16	0.16	0.17	1.1	0.27	0.52	0.040 NJ	0.040 U	0.31	0.40	0.52	0.075	0.67 NJ	0.12	0.24	0.16 U	NS	0.87	0.12 U	0.13	0.14	0.063	0.078	0.055	0.12	0.12 U	0.14 NJ	0.12 NJ	0.14
Ethylbenzene	1.4	1.1	2.7	0.91	0.87	0.28	2.9	0.96	2.0	4.0	1.3	1.1	0.43	0.32	0.52	0.48	0.69	0.43	1.4	0.43	1.5	0.91	NS	1.1	0.69	0.58	0.22	0.27	0.54	0.056	0.48	0.6	0.73	0.30	0.19
m-Xylene & p-Xylene	5	2.8	10	3.1	3.3	0.91	8.3	3.6	5.6	18.0	4.3	3.8	1.8	1	1.6	1.8	2.6	1.6	5.2	1.4	5.6	3.3	NS	4	2.5	1.9	0.69	0.78	1.6	0.087	1.6	2.0	1.8	0.91	0.51
o-Xylene	2	1.2	3.2	1.2	1.2	0.33	2.4	1.2	3.0	6.5	1.6	1.3	0.61	0.36	0.56	0.65	0.91	0.56	1.8	0.52	2.1	1.3	NS	1.4	1 J	0.7	0.25	0.26	0.65	0.043 U	0.54	0.71	0.70	0.29	0.19
Tetrachloroethene	0.77	0.68 U	0.75	0.6	3.1	0.088	0.52	2.6	0.51	8.8	2.0	2.0	0.35	0.31	1.6	0.52	1.1	1.6	0.38 U	0.16	0.34 U	0.27 U	NS	1.1	0.20 U	0.14	0.10 U	0.088	0.18	0.10	0.90	5.80	1.2	0.20 U	0.14 U
Toluene	9.6	4.1	11	7.5	5.7	1.4	9.4	2.9	9.4	10	6.8	4.5	1.5	1.8	3.1	4.1	11	2.8	8.3	4.1	12	14	NS	12	5.7	4.2	3.2	1.9	3.5	0.66	6.5	6.0	5.5	1.7	1.7
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.04 U	0.12 U	0.079 U	0.16 U	0.040 U	0.040 U	0.059 U	0.079 U	0.160 U	0.040 U	0.220 U	0.048 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.079 U	0.059 U	0.040 U	0.079 U	0.040 U	0.079 U	0.12 U	0.079 U	0.12 U	0.079 U
Trichloroethene	22	30	15	1.3	4.6	0.12	4.3	0.70	4.0	4.2	9.1	14	0.34	0.37	5.9	5.3	1.2	2.6	18	1.2	1.7	0.34	NS	5.9	0.91	3.0	3.0	2.2	2.1	1.8	5.3	1.3	4.0	5.8	6.5
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.026 U	0.028	0.026 U	0.026 U	0.051 U	0.026 U	0.15 U	0.1 U	0.2 U	0.051 U	0.051 U	0.077 U	0.10 U	0.20 U	0.051 U	0.28 U	0.064 U	0.26 U	0.20 U	NS	0.26 U	0.15 U	0.10 U	0.077 U	0.051 U	0.10 U	0.051 U	0.10 U	0.15 U	0.10 U	0.15 U	0.10 U

Sample Description	BUILDING 9 CRAWL SPACE AIR																																			
Sample ID	IA-B9-CS																																			
Date Collected	7/15/03	10/2/03	1/20/04	3/26/04	12/22/04	3/31/05	7/22/05	9/20/05	1/11/06	7/17/06	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13	
Differential Pressure (inches water)	NA	NA	NA	NA	-0.03	-0.07	-0.15*	-0.15	-0.15	-0.15	-0.15	-0.11	-0.10	-0.08	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0	-0.12	0	0	0	0	0	0	0	0	0	0	0	0	0
1,1,1-Trichloroethane	NS	0.55 U	0.27 U	0.18	0.14	0.040 U	0.093	0.55 U	0.12	0.44 U	0.17	0.27	0.22 U	0.27 U	0.16 U	0.082 U	0.27 U	0.22 U	0.22 U	0.11 U	0.43 U	0.27 U	NS	0.060	NS	0.68 U	0.11 U	0.27 U	0.55 U	0.55 U	0.055 U	0.27 UJ	0.44 U	0.55 U	0.33 U	0.33 U
1,1,2,2-Tetrachloroethane	NS	0.69 U	0.34 U	0.069 U	0.069 U	0.069 U	0.069 U	0.69 U	0.069 U	0.55 U	0.21 U	0.21 U	0.27 U	0.34 U	0.21 U	0.10 U	0.34 U	0.27 U	0.27 UJ	0.14 U	0.54 U	0.34 U	NS	0.069 U	NS	0.86 U	0.14 U	0.34 U	0.69 U	0.69 U	0.069 U	0.34 UJ	0.55 U	0.69 U	0.41 U	0.41 U
1,1,2-Trichloroethane	NS	0.55 U	0.27 U	0.055 U	0.055 U	0.055 U	0.055 U	0.55 U	0.055 U	0.44 U	0.16 U	0.16 U	0.22 U	0.27 U	0.16 U	0.082 U	0.27 U	0.22 U	0.22 U	0.11 U	0.43 U	0.27 U	NS	0.055 U	NS	0.68 U	0.11 U	0.27 U	0.55 U	0.55 U	0.055 U	0.27 UJ	0.44 U	0.55 U	0.33 U	0.33 U
1,1-Dichloroethane	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.40 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.061 U	0.200 U	0.16 U	0.16 U	0.081 U	0.32 U	0.20 U	NS	0.040 U	NS	0.51 U	0.081 U	0.20 U	0.40 U	0.40 U	0.040 U	0.20 UJ	0.32 U	0.40 U	0.24 U	0.24 U
1,1-Dichloroethene	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.79 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.059 U	0.200 U	0.16 U	0.16 U	0.079 U	0.31 U	0.20 U	NS	0.040 U	NS	0.50 U	0.079 U	0.20 U	0.40 U	0.40 U	0.040 U	0.20 UJ	0.32 U	0.40 U	0.24 U	0.24 U
1,2-Dichloroethane	NS	0.40 U	0.20 U	0.081	0.057	0.040	0.040 U	0.40 U	0.040 U	0.65 U	0.24 U	0.24 U	0.32 U	0.40 U	0.24 U	0.12 U	0.40 U	0.32 U	0.32 U	0.16 U	0.65 U	0.40 U	NS	0.081 NJ	NS	1.0 U	0.16 U	0.40 U	0.81 U	0.81 U	0.081 U	0.40 UJ	0.65 U	0.81 U	0.49 U	0.49 U
Benzene	NS	0.64	1.6	1.7	1.7	0.51	0.96	0.96	2.4	2.9	2.8	2.1	0.13 U	0.38	1.1	1.1	0.42	0.38	1.6	0.8	1.5	0.99	NS	1.2	NS	0.99	0.489	0.45	0.39	1.7	0.22	0.66 J	0.80	0.49	0.63	0.63
cis-1,2-Dichloroethene	NS	1.6	0.95 NJ	2.4	0.24	0.19	0.87	1.1	0.29	1.2	0.29	0.56	0.44	0.48	0.21	0.23	0.87	0.18 NJ	0.31 NJ	0.18	0.39 NJ	0.40	NS	0.29	NS	0.69	0.12	0.20 U	0.42	0.40 U	0.13	0.20 UJ	0.32 U	0.40 U	0.29	0.29
Ethylbenzene	NS	0.48	1.4	0.78	0.61	0.22	1.7	0.83	1.2	3.5	1.6	0.65	0.17 U	0.24	0.32	0.38	0.56	0.25	0.78	0.28	1.4	0.69	NS	0.61	NS	0.65	0.11	0.22 U	0.52	0.43 U	0.043 U	0.58 J	0.41	0.43 U	0.26 U	0.26 U
m-Xylene & p-Xylene	NS	1.2	4.8	2.7	2.1	0.65	5.2	3.0	3.8	15	5.2	2.4	0.35 U	0.61	1.0	1.3	1.9	0.87	2.6	0.91	4.8	2.5	NS	2.4	NS	2.4	0.29	0.43 U	1.4	0.87 U	0.043 U	2.3 J	1.0	0.87 U	0.52 U	0.52 U
o-Xylene	NS	0.52	1.7	1.1	0.87	0.22	2.7	1.0	1.6	5.6	1.9	0.83	0.17 U	0.25	0.40	0.48	0.65	0.33	0.96	0.37	1.7	0.83	NS	0.87	NS	0.83	0.11	0.22 U	0.50	0.43 U	0.043 U	0.87 J	0.35	0.43 U	0.26 U	0.26 U
Tetrachloroethene	NS	0.88	0.54	3.7	1.2	0.14	0.41	1.4	0.35	4.8	1.5	1.0	0.27 U	0.55	0.75	0.23	0.62	0.37	0.27 U	0.22	0.54 U	0.34 U	NS	0.38	NS	0.85 U	0.14 U	0.34 U	0.68 U	0.68 U	0.068 U	0.87 J	0.58	0.68 U	0.41 U	0.41 U
Toluene	NS	1.3	7.2	9.8	4.1	0.90	4.5	3.0	6.4	16	7.5	3.1	0.15 U	0.87	1.9	2.8	3.5	1.8	4.5	1.7	17	5.7	NS	3.5	NS	4.5	0.71	0.44	4.6	2.5	0.091	5.8 J	2.2	0.76	0.67	0.67
trans-1,2-Dichloroethene	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.40 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.059 U	0.200 U	0.16 U	0.16 U	0.079 U	0.31 U	0.20 U	NS	0.04 U	NS	0.50 U	0.079 U	0.20 U	0.40 U	0.40 U	0.040 U	0.20 UJ	0.32 U	0.40 U	0.24 U	0.24 U
Trichloroethene	NS	210	75	110	10	15	35	43	11	35	11	14	12	19	10	5.9	18	15	15	5.4	24	20	NS	5.4	NS	60	8.5	16	48	37	2.8	14 J	23	29	27	27
Vinyl chloride	NS	0.26 U	0.13 U	0.026 U	0.026 U	0.026 U	0.026 U	0.26 U	0.026 U	0.41 U	0.15 U	0.15 U	0.20 U	0.26 U	0.15 U	0.077 U	0.260 U	0.20 U	0.20 U	0.10 U	0.41 U	0.26 U	NS	0.051 U	NS	0.64 U	0.10 U	0.26 U	0.51 U	0.51 U	0.051 U	0.26 UJ	0.41 U	0.51 U	0.31 U	0.31 U

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

Sample Description	BUILDING 11 INDOOR AIR																															
Sample ID	IA-B11-01																															
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	8/30/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.29	2.0	0.65	0.65	0.24	0.40	0.82	0.87	0.25	0.093	0.15	0.87 J	0.25	0.25	0.16	0.60	0.22 U	0.37	0.14	0.55	0.37	0.12	0.11 NJ	0.34	0.34	0.15 U	0.13 NJ	0.28	0.14 U	0.27 U	0.36	0.43
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	0.069 U	0.27 U	0.34 U	0.27 U	0.21 U	0.10 U	0.069 U	0.069 U	0.34 U	0.12 U	0.12 U	0.10 U	0.21 UJ	0.27 U	0.43 U	0.069 U	0.62 U	0.14 U	0.082 U	0.11 U	0.14 U	0.14 U	0.19 U	0.069 U	0.14 U	0.17 U	0.34 U	0.27 U	0.16 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.41 U	0.055 U	0.22 U	0.27 U	0.22 U	0.16 U	0.082 U	0.055 U	0.055 U	0.27 U	0.093 U	0.093 U	0.082 U	0.16 U	0.22 U	0.34 U	0.055 U	0.50 U	0.11 U	0.065 U	0.091 U	0.11 U	0.11 U	0.15 U	0.055 U	0.11 U	0.14 U	0.27 U	0.22 U	0.12 U
1,1-Dichloroethane	0.080 U	0.40 U	0.30 U	0.040 UJ	0.16 U	0.20 U	0.16 U	0.12 U	0.061 U	0.04 U	0.040 U	0.20 U	0.069 U	0.069 U	0.061 U	0.12 U	0.16 U	0.25 U	0.04 U	0.37 U	0.081 U	0.049 U	0.068 U	0.81 U	0.081 U	0.11 U	0.04 U	0.081 U	0.10 U	0.20 U	0.16 U	0.093 U
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	0.099	0.16 U	0.20 U	0.16 U	0.23 J	0.059 U	0.04 U	0.040 U	0.20 U	0.067 U	0.067 U	0.059 U	0.15 NJ	0.16 U	0.25 U	0.04 U	0.36 U	0.12	0.048 U	0.066 U	0.79 U	0.094	0.11 U	0.04 U	0.079 U	0.099 U	0.20 U	0.16 U	0.14
1,2-Dichloroethane	0.080 U	0.40 U	0.30 U	0.040 U	0.32 U	0.40 U	0.32 U	0.24 U	0.12 U	0.081 U	0.081 U	0.40 U	0.14 U	0.13 U	0.12 U	0.24 U	0.32 U	0.49 U	0.081 U	0.73 U	0.16 U	0.10 U	0.14 U	0.16 U	0.16 U	0.23 U	0.081 U	0.16 U	0.20 U	0.40 U	0.32 U	0.19 U
Benzene	1.1	3.8	3.2	3.0	2.1	2.6	7.0	4.5	0.89	0.58	0.77	2.9	2.4	1.2	0.96	2.9	3.8	3.1	1.5	2.4	1.9	0.99	1.7	2.4	1.9	0.99	1.5	1.3	2.2	2.1	1.3	0.78
cis-1,2-Dichloroethene	0.55	4.8	2.5	1.6	0.91	0.83 NJ	1.6	1.5	1.2	0.25	0.52	2.3	1.2	2.1	0.95	1.9	2.1	2.6	0.35	3.2	3.3	1.0	0.78	1.2	1.1	0.47	0.52	0.65	0.75	0.59	0.66	1.1
Ethylbenzene	1.4	1.0	3.0	1.9	1.6	0.74	2.6	1.1	0.69	0.52	0.30	1.0	0.91	1.80	0.19	1.1	3.2	3.6	0.96	1.5	2.7	1.1	0.83	0.63	1.1	1.5	1	1.2	3.6	4.4	0.75	0.60
m,p-Xylene	3.5	3.0	11	4.3	7.4	2.2	7.4	4.3	2.2	1.4	0.91	3.7	3.5	6.9	0.25	3.8	13	13	3.5	5.6	12	4.3	3.2	2.3	4.2	5.9	3.8	4.5	11	2.5	2.9	2.3
o-Xylene	1.2	1.0	2.9	2.6	2.9	0.83	2.4	1.4	0.83	0.52	0.31	1.3	1.2	2.3	0.078	1.3	4.3	4.8	1.3	2.0	4.3	1.5 J	1.1	0.85	1.6	2.3	1.4	1.7	3.9	1.1	1.0	0.86
Tetrachloroethene	7.8	6.8	4.7	6.6	14	6.0	6.4	3.5	7.5	1.8	0.75	8.8	1.5	2.7	1.8	0.64	0.75	1.2	0.37	0.62 U	0.68	0.42	0.82	1.1	1.3	1.6	0.49	2.9	2.5	0.83	0.27 U	0.16 U
Toluene	12	11	6.0	5.3 J	3.7	3.6	11	7.5	2.2	1.5	1.2	5.3	5.3	2.5	1.4	5.3	7.9	17	3.4	6.0	5.7	3.0	4.6	2.6	2.7	4.5	2	1.9	5.4	4.6	0.92	1.1
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	0.040 U	0.16 U	0.20 U	0.16 U	0.12 U	0.059 U	0.04 U	0.040 U	0.20 U	0.067 U	0.067 U	0.059 U	0.12 U	0.16 U	0.25 U	0.04 U	0.36 U	0.079 U	0.048 U	0.066 U	0.79 U	0.079 U	0.110 U	0.040 U	0.079 U	0.099 U	0.20 U	0.16 U	0.091 U
Trichloroethene	5.0	36	33	59	3.4	20	20	9.1	3.4	0.70	3.9	18	5.9	4.0	6.4	14	12	5.4	1.5	26	7.5	2.8	2.2	5.6	3.7	0.98	1.8	4.8	4.9	0.82	9.5	9.3
Vinyl chloride	0.020 U	0.26 U	0.19 U	0.064 J	0.20 U	0.26 U	0.20 U	0.15 U	0.077 U	0.051 U	0.051 U	0.26 U	0.087 U	0.084 U	0.077 U	0.15 U	0.2 U	0.31 U	0.051 U	0.46 U	0.10 U	0.064 U	0.085 U	0.10 U	0.10 U	0.14 U	0.05 U	0.10 U	0.13 U	0.26 U	0.20 U	0.12 U

Sample Description	BUILDING 11A INDOOR AIR																															
Sample ID	IA-B11-02																															
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	8/30/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.56	2.2	0.65	0.65	0.23	0.49	0.87	0.98	0.22	0.11	0.21	0.82 J	0.23	0.21	0.15	0.49	0.19 NJ	0.51	0.12	0.65	0.40	0.14	0.11 U	0.39	0.43	0.079 NJ	0.11 NJ	0.35	0.14 U	0.27 U	0.36	0.42 J
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.21 U	0.34 U	0.27 U	0.21 U	0.096 U	0.069 U	0.10 U	0.34 U	0.21 U	0.21 U	0.10 U	0.27 UJ	0.23 U	0.43 U	0.10 U	0.62 U	0.14 U	0.069 U	0.14 U	0.10 U	0.14 U	0.069 U	0.069 U	0.10 U	0.17 U	0.34 U	0.27 U	0.19 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.16 U	0.27 U	0.22 U	0.16 U	0.076 U	0.055 U	0.082 U	0.27 U	0.16 U	0.16 U	0.082 U	0.22 U	0.18 U	0.34 U	0.082 U	0.50 U	0.11 U	0.055 U	0.11 U	0.082 U	0.11 U	0.055 U	0.055 U	0.082 U	0.14 U	0.27 U	0.22 U	0.15 U
1,1-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 UJ	0.12 U	0.20 U	0.16 U	0.12 U	0.057 U	0.04 U	0.061 U	0.20 U	0.12 U	0.12 U	0.061 U	0.16 U	0.13 U	0.25 U	0.061 U	0.37 U	0.081 U	0.040 U	0.081 U	0.061 U	0.081 U	0.040 U	0.040 U	0.061 U	0.10 U	0.20 U	0.16 U	0.11 U
1,1-Dichloroethene	0.04 U	0.40 U	0.20 U	0.079	0.12 U	0.20 U	0.16 U	0.12 U	0.056 U	0.04 U	0.059 U	0.20 U	0.12 U	0.12 U	0.059 U	0.16 U	0.13 U	0.40 NJ	0.059 U	0.36 U	0.13	0.040 U	0.079 U	0.11 U	0.13 U	0.04 U	0.04 U	0.085 NJ	0.099 U	0.20 U	0.16 U	0.11
1,2-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 U	0.24 U	0.40 U	0.32 U	0.24 U	0.12 U	0.081 U	0.12 U	0.40 U	0.24 U	0.24 U	0.12 U	0.32 U	0.27 U	0.49 U	0.12 U	0.73 U	0.16 U	0.085 NJ	0.16 U	0.12 U	0.16 U	0.081 U	0.081 U	0.12 U	0.20 U	0.40 U	0.32 U	0.22 U
Benzene	1.6	3.5	3.0	4.2	1.9	2.9	7.3	4.8	1.2	0.61	0.80	3.8	3.1	1.1	1.2	3.2	4.5	1.9	1.3	2.8	2.3	1.2	1.6	2.8	2.4	0.8	1.1	1.4	1.4	2.5	1.1	0.92
cis-1,2-Dichloroethene	1.8	5.6	3.0	1.5	1.1	1.1 NJ	2.0	1.7	0.71	0.39	0.79	2.3	1.1	1.3	0.87	2.1	2.3	0.95 NJ	0.30	3.5	3.8	1.3	0.90	1.2	1.4	0.38	0.34	0.84	0.44	0.50	0.62	1.20
Ethylbenzene	4.7	1.0	3.0	2.0	1.8	0.91	2.6	1.3	0.87	0.74	0.52	1.1	1.0	2.2 NJ	1.0	1.4	3.3	2.4 J	0.87	1.4	3.3	1.7	0.86	0.72	1.3	1.7	0.86	1.5 J	2.8	4.1	0.79	0.81
m,p-Xylene	15	3.2	12	6.9 J	6.9	2.8	6.9	4.8	2.9	2.4	2.0	4.1	3.8	8.7	4.0	5.2	13	7.8 J	3.2	5.6	15	7.8	3.3	2.6	5.2	6	3.2	5.7 J	8.3	4.0	3.0	3.3
o-Xylene	3.7	1.0	3.0	3.0 J	2.9	1.1	2.3	1.6	1.0	0.78	0.61	1.4	1.3	2.8	1.7	1.8	4.2	2.3 J	1.2	2.0	5.2	2.8 J	1.1	0.89	1.9	2.2	1.2	2.2 J	2.9	1.6	1.0	1.2
Tetrachloroethene	18	8.1	5.4	14 J	14	6.8	6.8	4.5	5.6	3	1.3	8.8	1.3	1.2	0.75	0.68	0.81	0.81	0.31	0.62 U	0.81	0.59	0.93	1.3	1.6	1.3	0.38	3.6 J	1.7	1.5	0.27 U	0.18 U
Toluene	10	9.8	6	7.5 J	4.5	3.8	9.8	7.9	2.9	2.1	2.1	7.5	7.9	2.9	3.0	6.8	9.0	11	3.2	6.0	6.8	3.8 J	4.8	3.3	3.3	2.7	1.3	2.4 J	4.8	4.6	0.99	1.3
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.040 U	0.12 U	0.20 U	0.16 U	0.12 U	0.056 U	0.04 U	0.059 U	0.20 U	0.12 U	0.12 U	0.059 U	0.16 U	0.13 U	0.25 U	0.12	0.36 U	0.079 U	0.040 U	0.079 U	0.059 U	0.079 U	0.040 U	0.040 U	0.059 U	0.099 U	0.20 U	0.16 U	0.11 U
Trich																																

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

Sample Description	BUILDING 13 INDOOR AIR																														
Sample ID	IA-B13-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.55	2.8	1.0	1.0	0.22 U	1.6	1.1	0.82	0.38	0.45	0.87 J	0.20	0.21	1.6	1.4	0.65	0.53	0.39	1.4	1.2	0.93	0.27 J	0.59	0.72	0.21	0.82	0.68	0.39	0.27 U	0.6	0.69
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.14 U	0.069 U	0.27 U	0.21 U	0.27 U	0.14 U	0.10 U	0.14 U	0.27 U	0.12 U	0.12 U	0.10 U	0.14 UJ	0.14 U	0.27 U	0.14 U	0.069 U	0.069 U	0.14 U	0.27 UJ	0.14 U	0.069 U	0.10 U	0.069 U	0.069 U	0.34 U	0.34 U	0.14 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.27 U	0.11 U	0.055 U	0.22 U	0.16 U	0.22 U	0.11 U	0.082 U	0.11 U	0.22 U	0.093 U	0.093 U	0.082 U	0.11 U	0.11 U	0.22 U	0.11 U	0.055 U	0.055 U	0.110 U	0.22 UJ	0.11 U	0.055 U	0.082 U	0.055 U	0.055 U	0.27 U	0.27 U	0.11 U	0.055 U
1,1-Dichloroethane	0.080 U	0.20 U	0.081 U	0.040 UJ	0.16 U	0.12 U	0.16 U	0.081 U	0.061 U	0.081 U	0.16 U	0.069 U	0.069 U	0.061 U	0.081 U	0.081 U	0.16 U	0.081 U	0.053	0.049	0.081 U	0.16 UJ	0.081 U	0.040 U	0.061 U	0.04 U	0.040 U	0.20 U	0.20 U	0.08 U	0.04 U
1,1-Dichloroethene	0.044	0.52	0.23	0.14	0.16 U	0.12 U	0.16 U	0.17 J	0.067	0.079 U	0.16 U	0.067 U	0.079	0.39	0.29 NJ	0.14	0.27	0.079 U	0.40	0.34	0.31	0.16 UJ	0.21	0.18	0.058	0.15	0.22 NJ	0.20 U	0.20 U	0.20	0.21
1,2-Dichloroethane	0.080 U	0.20 U	0.12	0.040 U	0.32 U	0.24 U	0.32 U	0.16 U	0.12 U	0.16 U	0.32 U	0.14 U	0.13 U	0.12 U	0.16 U	0.16 U	0.32 U	0.16 U	0.081 U	0.081 U	0.16 U	0.32 UJ	0.16 U	0.081 U	0.12 U	0.081 U	0.085 U	0.40 U	0.40 U	0.16 U	0.08 U
Benzene	2.3	1.9	1.5	3.1	2.1	3.8	7.7	3.8	1.4	1.3	2.9	2.7	1.5	0.80	2.0	1.9	1.9	2.2	0.48	0.73	1.5	3.5 J	2.1	0.79	2.2	1.7	1.3	2.1	1.5	0.68	0.56
cis-1,2-Dichloroethene	1.1	4.0	2.1	1.1	0.44	1.5 NJ	2.1	0.83	0.95	1.3	1.7	0.48	0.52	0.63	0.56	1.3	0.95	0.95	0.19	0.33	1.3	1.1 J	0.25	0.44	0.39	0.97	0.25 NJ	0.61	0.20 U	0.46	0.30
Ethylbenzene	2.4	0.69	0.74	3.9	4.2	2.9	3.6	1.3	2.0	2.0	1.3	0.83	2.9 NJ	0.96	0.74	1.4	2.6	1.8	0.16	0.48	2.1	1.3 J	0.54	0.45	1.4	1.8	1.3	7.1	9.4	0.55	0.48
m,p-Xylene	7.5	2.0	2.6	9.6	19	10	9.1	4.3	6.5	6.9	4.3	3.0	11 EJ	3.5	2.3	5.2	8.7	6.9	0.52	1.7	7.8	4.6 J	1.6	1.7	5.0	7.1	2.5	3.0	1.5	2.2	2.0
o-Xylene	2.4	0.74	0.74	3.4	7.8	4.3	3.2	1.5	2.4	2.5	1.7	1.1	3.8	1.1	0.78	1.7	2.6	2.2	0.18	0.56	2.4 J	1.5 J	0.58	0.60	1.5	2.5	1.0 NJ	1.6 NJ	1.3	0.72	0.61
Tetrachloroethene	19	4.8	2.6	3.8	5.2	9.5	7.5	1.8	4.5	1.3	7.5	0.61	8.1	0.31	0.22	0.63	0.75	0.66	0.068 U	0.16	0.51	1.2 J	0.54	0.67	2.2	1.2	1.4	0.90	0.34	0.14 U	0.15
Toluene	11	3.8	3.1	6.8 J	4.1	5.7	9.8	7.5 EJ	4.1	2.9	6.0	3.7	3.3	3.8	3.8	5.3	11	6.4	0.60	2.1	4.5	7.3 J	5.2	1.3	4.6	3	3.5	9.8	7.9	1.0	1.1
trans-1,2-Dichloroethene	0.056 U	0.20 U	0.079 U	0.040 U	0.16 U	0.12 U	0.16 U	0.079 U	0.059 U	0.079 U	0.16 U	0.067 U	0.067 U	0.059 U	0.079 U	0.079 U	0.16 U	0.079 U	0.04 U	0.040 U	0.079 U	0.16 UJ	0.079 U	0.040 U	0.059 U	0.040 U	0.040 U	0.20 U	0.20 U	0.08 U	0.04 U
Trichloroethene	11	13	8.6	41	1.6	16	21	5.4	2.6	6.4	12	2.6	1.5	4.1	5.2	7.5	5.4	3.5	2.4	1.8	6.4	3.7 J	6.9	2.1	1.5	2.8	3.1	3.9	0.53	3.3	2.6
Vinyl chloride	0.026	0.13 U	0.051 U	0.056 J	0.2 U	0.15 U	0.20 U	0.10 U	0.077 U	0.10 U	0.20 U	0.087 U	0.084 U	0.077 U	0.10 U	0.10 U	0.20 U	0.10 U	0.051 U	0.051 U	0.10 U	0.20 UJ	0.10 U	0.051 U	0.077 U	0.051 U	0.051 U	0.26 U	0.26 U	0.1 U	0.051 U

Building Number	BUILDING 13 SUB-SLAB VAPOR																														
Sample ID	SVSS-B13-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	12/19/12
1,1,1-Trichloroethane	18	NS	NS	11 U	NS	NS	8.2	NS	NS	NS	3.9	NS	NS	NS	3.5	NS	NS	NS	3.2	NS	NS	NS	2.1	NS	NS	NS	5.5 U	NS	NS	NS	2.2
1,1,2,2-Tetrachloroethane	0.14 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	6.9 U	NS	NS	NS	1.4 U
1,1,2-Trichloroethane	0.1 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	5.5 U	NS	NS	NS	1.1 U
1,1-Dichloroethane	0.08 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	4.0 U	NS	NS	NS	0.81 U
1,1-Dichloroethene	0.04 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	4.0 U	NS	NS	NS	0.79 U
1,2-Dichloroethane	0.08 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	4.0 U	NS	NS	NS	0.81 U
Benzene	3.6	NS	NS	6.4 U	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.67	NS	NS	NS	0.64 U	NS	NS	NS	0.68	NS	NS	NS	3.2 U	NS	NS	NS	1.2
cis-1,2-Dichloroethene	0.056 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	4.0 U	NS	NS	NS	0.8 U
Ethylbenzene	1.5	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	4.3 U	NS	NS	NS	0.9 U
m,p-Xylene	22	NS	NS	22 U	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	11 U	NS	NS	NS	2.2 U
o-Xylene	6.6	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	4.3 U	NS	NS	NS	0.9 U
Tetrachloroethene	37	NS	NS	14 U	NS	NS	13	NS	NS	NS	5.8	NS	NS	NS	3.5	NS	NS	NS	3.3	NS	NS	NS	2.6	NS	NS	NS	6.8 U	NS	NS	NS	4.2
Toluene	11	NS	NS	7.5 U	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	1.3	NS	NS	NS	0.75 U	NS	NS	NS	1.1	NS	NS	NS	3.8 U	NS	NS	NS	2
trans-1,2-Dichloroethene	0.056 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	4.0 U	NS	NS	NS	0.79 U
Trichloroethene	2.8	NS	NS	11 U	NS	NS	1.3	NS	NS	NS	1.1	NS	NS	NS	1.6	NS	NS	NS	1.1	NS	NS	NS	2.1	NS	NS	NS	5.4 U	NS	NS	NS	1.1 U
Vinyl chloride	0.02 U	NS	NS	5.1 U	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	2.6 U	NS	NS	NS	0.51 U

Notes:
All values are shown in units of micrograms per cubic meter (ng/m³).
U - Not detected above reporting limit
J - Estimated
E - Result exceeded upper limit of calibration range
NJ - Tentative in identification and estimated
NS - Not Sampled

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

Sample Description	BUILDING 13A INDOOR AIR																														
Sample ID	IA-B13A-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.58	1.9	1.0	0.93	0.23	1.5	1.1	1.1	0.41	0.45	0.93 J	0.27	0.25	1.3	1.3	0.65	0.35	0.35	1.5	1.3	0.82	0.26	0.75	0.54	0.33 NJ	0.46	0.50	0.36	0.27 U	0.33	0.58
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.21 U	0.069 U	0.27 U	0.27 U	0.27 U	0.21 U	0.082 U	0.14 U	0.27 U	0.14 U	0.14 U	0.069 U	0.14 UJ	0.10 U	0.17 U	0.14 U	0.069 U	0.069 U	0.10 U	0.17 U	0.069 U	0.069 U	0.14 U	0.069 U	0.069 U	0.34 U	0.34 U	0.069 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.16 U	0.055 U	0.22 U	0.22 U	0.22 U	0.16 U	0.065 U	0.11 U	0.22 U	0.11 U	0.11 U	0.055 U	0.11 U	0.082 U	0.14 U	0.11 U	0.055 U	0.055 U	0.082 U	0.14 U	0.055 U	0.055 U	0.11 U	0.055 U	0.055 U	0.27 U	0.27 U	0.055 U	0.055 U
1,1-Dichloroethane	0.080 U	0.040 U	0.12 U	0.040 UJ	0.16 U	0.16 U	0.16 U	0.12 U	0.049 U	0.081 U	0.16 U	0.081 U	0.081 U	0.040 U	0.081 U	0.061 U	0.10 U	0.081 U	0.065	0.061	0.061 U	0.10 U	0.041 NJ	0.040 U	0.081 U	0.040 U	0.040 U	0.20 U	0.20 U	0.04 U	0.04 U
1,1-Dichloroethene	0.054	0.25	0.12 U	0.12	0.16 U	0.16 U	0.16 U	0.12 U	0.095	0.079 U	0.16 U	0.079 U	0.079 U	0.33	0.28 NJ	0.14	0.11	0.11	0.37	0.40	0.25	0.10 U	0.20	0.12	0.079 U	0.12	0.17 NJ	0.20 U	0.20 U	0.12	0.18
1,2-Dichloroethane	0.080 U	0.040 U	0.12 U	0.040 U	0.32 U	0.32 U	0.32 U	0.24 U	0.10 U	0.16 U	0.32 U	0.16 U	0.16 U	0.081 U	0.16 U	0.12 U	0.20 U	0.16 U	0.081 U	0.081 U	0.12 U	0.20 U	0.081 U	0.081 U	0.16 U	0.081 U	0.081 U	0.40 U	0.40 U	0.08 U	0.08 U
Benzene	2.6	1.8	1.2	2.7	2.4	3.5	6.7	3.5	1.2	1.3	2.5	1.9	1.7	0.70	1.30	2.1	1.9	2.3	0.54	0.67	1.2	3.1	1.3	0.75	1.5	1.7	0.97	1.8	1.4	0.44	0.51
cis-1,2-Dichloroethene	1.2	3.1	1.5	0.91	0.67	1.8 NJ	1.8	1.4	1.1	1.3	1.7	0.95	0.75	0.48	0.56	1.2	0.48	0.59	0.25	0.40	0.67	1.1	0.10	0.39	0.40	0.51 NJ	0.25	0.52	0.20 U	0.25	0.28
Ethylbenzene	3.1	0.78	0.56	3.9	4.8	3.0	3.7	1.9	3.7	2.6	1.3	1.4	4.3	0.96	0.52	1.6	2.7	2.0	0.36	0.61	2.8	1.4	0.26	0.47	1.8	1.4	1.2	5.8	9.6	0.69	0.45
m,p-Xylene	9.6	2.6	1.7	12	21	11	9.1	6.1	9.6	9.1	4.3	5.2	17 E	3.5	1.7	5.6	9.1	6.9	1.2	2.0	9.6	4.6	0.67 U	1.7	6.8	5.4	2.7	2.5	3.1	2.5	1.8
o-Xylene	3.1	0.043 U	0.56	3.9	8.3	4.3	3.0	2.1	3.5	3.1	1.5	1.8	6.1	1.1	0.61	1.8	2.6	2.2	0.38	0.65	3.0 J	1.6	0.24	0.59	2.2	1.9	1.1 NJ	1.4 NJ	1.8 U	0.89	0.55
Tetrachloroethene	20	3.9	2.2	2.9	8.1	8.1	6.8	3.0	5.2	1.3	8.1	1.2	0.75	0.25	0.22	0.88	0.50	0.54	0.095	0.19	0.41	1.2	0.14	0.62	2.9	0.57	1.4	0.66	0.35	0.068 U	0.078
Toluene	12	4.1	2.6	6.8 J	4.5	6.0	9.0	8.7 J	4.1	3.5	4.5	4.9	4.5	3.3	2.4	4.1	7.9	5.3	0.94	1.9	4.5	7.1	1.4	1.2	3.0	3	3.1	7.9	8.0	1.0	2.0
trans-1,2-Dichloroethene	0.056 U	0.04 U	0.12 U	0.040 U	0.16 U	0.16 U	0.16 U	0.12 U	0.048 U	0.079 U	0.16 U	0.079 U	0.079 U	0.040 U	0.079 U	0.059 U	0.099 U	0.079 U	0.04 U	0.040 U	0.059 U	0.10 U	0.040 U	0.040 U	0.079 U	0.040 U	0.040 U	0.20 U	0.20 U	0.04 U	0.04 U
Trichloroethene	11	12	7.0	15	2.2	15	19	10	3.1	6.4	12	5.2	1.9	3.3	4.7	8.1	3.3	3.4	2.7	2.1	4.7	3.4	2.3	1.8	2.4	1.4	2.7	3.2	0.72	1.6	3.7
Vinyl chloride	0.020 U	0.026 U	0.077 U	0.049 J	0.20 U	0.20 U	0.20 U	0.15 U	0.064 U	0.10 U	0.20 U	0.10 U	0.10 U	0.051 U	0.10 U	0.08 U	0.13 U	0.10 U	0.051 U	0.051 U	0.077 U	0.13 U	0.51 U	0.051 U	0.10 U	0.051 U	0.051 U	0.26 U	0.26 U	0.051 U	0.051 U

Building Number	BUILDING 13A SUB-SLAB VAPOR																														
Sample ID	SVSS-B13A-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	12/19/12
1,1,1-Trichloroethane	1.4	NS	NS	11 U	NS	NS	1.9	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.3
1,1,2,2-Tetrachloroethane	0.28 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U
1,1,2-Trichloroethane	0.2 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U
1,1-Dichloroethane	0.16 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U
1,1-Dichloroethene	0.08 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U
1,2-Dichloroethane	0.16 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U
Benzene	0.32	NS	NS	6.4 U	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.6 U
cis-1,2-Dichloroethene	1.2	NS	NS	7.9 U	NS	NS	11	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.8 U
Ethylbenzene	0.17 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.9 U
m,p-Xylene	0.59	NS	NS	22 U	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U
o-Xylene	0.24	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.9 U
Tetrachloroethene	5.1	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U
Toluene	0.35	NS	NS	7.5 U	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	1.1	NS	NS	NS	0.75 U
trans-1,2-Dichloroethene	0.11 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U
Trichloroethene	53	NS	NS	34	NS	NS	64	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U
Vinyl chloride	0.04 U	NS	NS	5.1 U	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U

Notes:
All values are shown in units of micrograms per cubic meter (mg/m³).
U - Not detected above reporting limit
J - Estimated
E - Result exceeded upper limit of calibration range
NJ - Tentative in identification and estimated
NS - Not Sampled

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

Sample Description	BUILDING 7 WAREHOUSE INDOOR AIR																											
Sample ID	IA-B7-01																											
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/25/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.42	0.45	0.35	0.28	0.43	0.055	0.060	0.16 U	0.14	0.11 U	0.16 UJ	0.60 U	0.18 U	0.27 U	0.082 U	0.11 U	0.16 U	0.14 U	0.33 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.55 U	0.27 U	0.22 U	0.27 U
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.21 U	0.34 U	0.34 U	0.069 U	0.069 U	0.21 U	0.14 U	0.14 U	0.21 UJ	0.76 UJ	0.23 U	0.34 U	0.10 U	0.14 U	0.21 U	0.17 U	0.41 U	0.21 U	0.14 U	0.27 U	0.069 U	0.099 U	0.69 U	0.34 U	0.27 U	0.34 U
1,1,2-Trichloroethane	0.1 U	0.27 U	0.16 U	0.27 U	0.27 U	0.055 U	0.055 U	0.16 U	0.11 U	0.11 U	0.16 UJ	0.60 U	0.18 U	0.27 U	0.082 U	0.11 U	0.16 U	0.14 U	0.33 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.55 U	0.27 U	0.22 U	0.27 U
1,1-Dichloroethane	0.08 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.081 U	0.081 U	0.12 UJ	0.45 U	0.13 U	0.20 U	0.061 U	0.081 U	0.12 U	0.10 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U	0.40 U	0.20 U	0.16 U	0.20 U
1,1-Dichloroethene	0.04 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.079 U	0.079 U	0.12 UJ	0.44 U	0.13 U	0.20 U	0.059 U	0.079 U	0.12 U	0.099 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U	0.40 U	0.20 U	0.16 U	0.20 U
1,2-Dichloroethane	0.08 U	0.2 U	0.12 U	0.4 U	0.4 U	0.081 U	0.081 U	0.24 U	0.16 U	0.16 U	0.24 UJ	0.89 U	0.27 U	0.40 U	0.12 U	0.16 U	0.24 U	0.20 U	0.49 U	0.24 U	0.16 U	0.32 U	0.081 U	0.094	0.81 U	0.40 U	0.32 U	0.40 U
Benzene	1.1	1.4	2.5	6.1	3.5	0.29 NJ	0.42	2.0	2.2	1.2	1.2 J	5.8	2.1	2.8	1.1	2.8	3.2	0.73	1.7	2.0	1.7	1.1	0.90	0.87	2.7	1.8	1.3	1.0
cis-1,2-Dichloroethene	0.21	0.95	1.0	0.52	0.95	0.095 NJ	0.075	0.63	0.75	0.44	0.12 J	0.52	4.4	0.34 NJ	0.067	0.26	0.75	0.099	0.24 U	0.66	0.14	0.16 U	0.083	0.17	0.40 U	0.20 U	0.30	0.64
Ethylbenzene	1.1	1.6	2.6	2.6	0.87	0.24	0.23	0.78	0.87	1.3	1.1 J	4.3	0.91	2.1	0.74	1.5	1.9	0.61	1.1	0.79	0.89	1.5	0.85	0.68	2.1	1.0	0.74	0.44
m-Xylene & p-Xylene	3.6	3.0	10	9.1	2.8	0.74	0.56	2.5	3.2	4.8	4.0 J	14	3.1	6.5	2.2	5.6	6.9	2.0	3.4	2.5	3.0	5.3	3.1	2.6	5.6	2.3	2.4	1.3
o-Xylene	1.3	0.87	3.1	3.2	1.0	0.24	0.22	0.87	1.1	1.7	1.6 J	4.8	1.2	2.4	0.83	2.1	2.4	0.87 J	1.3	0.85	0.98	2.0	1.1	0.99	2.0	0.84	0.80	0.50
Tetrachloroethene	0.62	0.62	2.2	4.5	2.4	0.19	0.14	3.0	0.75	0.35	0.28 J	0.75 U	0.36	0.34 U	0.10 U	0.14 U	1.2	0.17 U	0.41 U	0.38	0.19	0.30	0.10	3.4	8.1	3.6	0.27 U	0.34 U
Toluene	7.0	2.5	9.4	16	5.3	1.4	1.4	5.3	7.2	6.8	8.3 J	27	8.3	13	4.5	7.2	11	4.9	9.7	6.3	4.2	9.9	3.7	2.7	17	3.4	5.7	2.8
trans-1,2-Dichloroethene	0.056 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.079 U	0.079 U	0.12 UJ	0.44 U	0.13 U	0.20 U	0.059 U	0.079 U	0.12 U	0.099 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U	0.40 U	0.20 U	0.16 U	0.20 U
Trichloroethene	2.7	13	5.9	5.9	18	0.64	1.1	3.9	9.7	1.5	1.2 J	6.4	4.8	2.5	0.70	5.4	4.7	1.1	1.3	8.9	1.6	1.0	1.3	3.5	1.6	0.93	11	20
Vinyl chloride	0.02 U	0.13 U	0.077 U	0.26 U	0.26 U	0.051 U	0.051 U	0.15 U	0.10 U	0.10 U	0.15 UJ	0.56 U	0.95	0.26 U	0.077 U	0.10 U	0.15 U	0.13 U	0.31 U	0.15 U	0.10 U	0.20 U	0.051 U	0.051 U	0.51 U	0.26 U	0.20 U	0.26 U

Sample Description	BUILDING 7 SUB-SLAB VAPOR																											
Sample ID	SVSS-B7-01																											
Date Collected	7/17/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	12/19/12
1,1,1-Trichloroethane	33 U	NS	NS	11 U	4.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	NS	NS	NS	1.1 U
1,1,2,2-Tetrachloroethane	41 U	NS	NS	14 U	5.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 UJ	NS	NS	NS	1.4 U
1,1,2-Trichloroethane	33 U	NS	NS	11 U	4.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	NS	NS	NS	1.1 U
1,1-Dichloroethane	24 U	NS	NS	8.1 U	3.2 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 UJ	NS	NS	NS	0.81 U
1,1-Dichloroethene	24 U	NS	NS	7.9 U	3.2 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 UJ	NS	NS	NS	0.79 U
1,2-Dichloroethane	24 U	NS	NS	8.1 U	3.2 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 UJ	NS	NS	NS	0.81 U
Benzene	19 U	NS	NS	6.4 U	2.6 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.67	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	1.0	0.64 UJ	NS	NS	NS	0.64 U
cis-1,2-Dichloroethene	24 U	NS	NS	7.9 U	3.2 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 UJ	NS	NS	NS	0.79 U
Ethylbenzene	26 U	NS	NS	8.7 U	3.5 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	2.5	0.87 UJ	NS	NS	NS	0.87 U
m-Xylene & p-Xylene	26 U	NS	NS	22 U	8.7 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	1.7 U	1.7 U	2.2 U	2.2 U	2.2 U	2.7	10	2.2 UJ	NS	NS	NS	2.2 U
o-Xylene	27 U	NS	NS	8.7 U	3.5 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.85	3.4	0.87 UJ	NS	NS	NS	0.87 U
Tetrachloroethene	40	NS	NS	17	8.1	1.7	1.4 U	1.4 U	1.4 U	2.0	1.4 U	1.4 U	2.0	2.2	1.5	1.4 U	1.4 U	2.6	1.4 U	2.2	1.7	2.8	1.4 U	3.8 J	NS	NS	NS	5.6
Toluene	22 U	NS	NS	7.5 U	3.0 U	1.2	0.79	0.75 U	0.75 U	0.75 U	1.2	0.75 U	0.75 U	1.1	0.75 U	2.5	0.75 U	0.75 U	0.75 U	0.75 U	0.94	1.7	15	0.75 UJ	NS	NS	NS	0.80
trans-1,2-Dichloroethene	24 U	NS	NS	7.9 U	3.2 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 UJ	NS	NS	NS	0.79 U
Trichloroethene	3300	NS	NS	1700	470	11	12	12	70	64	24	40	59	59	64	70	43	100	30	19	28	43	13	23 J	NS	NS	NS	23
Vinyl chloride	15 U	NS	NS	5.1 U	2.0 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 UJ	NS	NS	NS	0.51 U

Sample Description	BUILDING 7 OFFICE INDOOR AIR																											
Sample ID	IA-B7-02																											
Date Collected																							9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane																							0.055 U	0.22 U	0.16 U	0.11 U	0.22 U	0.27 U
1,1,2,2-Tetrachloroethane																							0.069 U	0.27 U	0.21 U	0.14 U	0.27 U	0.34 U
1,1,2-Trichloroethane																							0.055 U	0.22 U	0.16 U	0.11 U	0.22 U	0.27 U
1,1-Dichloroethane																							0.04 U	0.16 U	0.12 U	0.081 U	0.16 U	0.20 U
1,1-Dichloroethene																							0.04 U	0.16 U	0.12 U	0.079 U	0.16 U	0.20 U
1,2-Dichloroethane																							0.081 U	0.32 U	0.49	1.3	0.43	0.40 U
Benzene																							0.38	1.5	3.0	1.8	0.60	0.92
cis-1,2-Dichloroethene																							0.04 U	0.17	0.12 U	0.19 NJ	0.16 U	0.47
Ethylbenzene																							0.21	0.57	1.5	3.9	0.37	0.35
m-Xylene & p-Xylene																							0.63	1.7	3.9	9.7	0.94	0.96
o-Xylene																							0.21	0.62	1.4	3.3	0.35	0.38
Tetrachloroethene																							0.068 U	2.0	9.5	2.6	0.27 U	0.34 U
Toluene																							1.4	14	6.3	6.7	1.5	2.1
trans-1,2-Dichloroethene																							0.04 U	0.16 U	0.12 U	0.079 U	0.16 U	0.20 U
Trichloroethene																							0.82	3.8	1.8	1.2	6.8	18
Vinyl chloride																							0.051 U	0.20 U	0.15 U	0.10 U	0.20 U	0.26 U

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

Sample Description	BUILDING 10 INDOOR AIR																														
Sample ID	IA-B10-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.20	1.4	0.50	0.55	0.25	0.29 NJ	1.0	0.76	0.13	0.082	0.65 J	0.27	0.24	0.14 U	0.55 U	0.43 U	0.43	0.12	1.1 U	0.25	0.16	0.13 NJ	0.34 U	0.14 U	0.11 U	0.071 NJ	0.21	0.27 U	0.27 U	0.55 U	0.41 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.27 U	0.27 U	0.55 U	0.27 U	0.069 U	0.069 U	0.55 U	0.17 U	0.17 U	0.17 U	0.69 UJ	0.54 U	0.54 U	0.069 U	1.4 U	0.21 U	0.069 U	0.14 U	0.43 U	0.17 U	0.14 U	0.069 U	0.17 U	0.34 U	0.34 U	0.69 U	0.51 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.22 U	0.22 U	0.44 U	0.22 U	0.055 U	0.055 U	0.44 U	0.14 U	0.14 U	0.14 U	0.55 U	0.43 U	0.43 U	0.055 U	1.1 U	0.16 U	0.055 U	0.11 U	0.34 U	0.14 U	0.11 U	0.055 U	0.14 U	0.27 U	0.27 U	0.55 U	0.41 U
1,1-Dichloroethane	0.08 U	0.4 U	0.20 U	0.040 UJ	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.10 U	0.10 U	0.10 U	0.40 U	0.32 U	0.32 U	0.040 U	0.81 U	0.12 U	0.040 U	0.081 U	0.25 U	0.10 U	0.081 U	0.04 U	0.10 U	0.20 U	0.20 U	0.40 U	0.30 U
1,1-Dichloroethene	0.04 U	0.4 U	0.20 U	0.075	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.099 U	0.099 U	0.099 U	0.40 U	0.31 U	0.31 U	0.040 U	0.79 U	0.12 U	0.040 U	0.079 U	0.25 U	0.10 U	0.079 U	0.04 U	0.099 U	0.20 U	0.20 U	0.40 U	0.30 U
1,2-Dichloroethane	0.08 U	0.4 U	0.20 U	0.040 U	0.32 U	0.32 U	0.65 U	0.32 U	0.081 U	0.081 U	0.65 U	0.20 U	0.20 U	0.20 U	0.81 U	0.65 U	0.65 U	0.081 U	1.6 U	0.24 U	0.081 U	0.16 U	0.51 U	0.20 U	0.16 U	0.081 U	0.20 U	0.40 U	0.40 U	0.81 U	0.60 U
Benzene	0.90	3.1	3.5	3.8	3.2	2.2	7.0	6.4	0.67	0.58	2.6	2.8	0.77	0.70	4.2	4.2	4.5	1.4	3.2	2.5	1.2	1.7	4.1	2.6	1.3	0.84	1.7	2.8	1.5	1.5	0.90
cis-1,2-Dichloroethene	0.70	4.0	4.4	1.4	4.0	0.95 NJ	2.6	1.9	0.63	0.38	2.8	2.5	3.2	0.75	2.9	3.2	7.5	2.2	3.5	4.4	1.8	1.8	2.3	0.96	0.31	0.64	1.3	0.70	0.81	0.81	1.6
Ethylbenzene	0.59	0.91	6.9	1.7	1.6	0.65	2.4	1.0	0.39	0.24	0.74	0.74	1.90	0.42	1.7	2.1	4.8	0.69	1.4	2.1	0.83	0.89	0.72	1.1	0.74	0.61	0.93	1.9	1.6	0.46	0.32 U
m,p-Xylene	1.8	2.8	29	4.3	6.1	2.0	6.9	3.5	1.3	0.61	2.5	2.8	6.9	1.4	6.5	7.4	18	2.3	4.3	8.7	3.0	3.2	2.2	2.9	2.4	2.0	2.5	4.1	1.5	1.2	1.1
o-Xylene	0.69	1.0	6.9	2.3	2.5	0.74	2.5	1.1	0.43	0.21	0.91	0.87	2.3	0.52	2.1	2.4	6.1	0.87	1.6	2.9	1.0 J	1.0	0.84	1.0	0.84	0.70	0.95	1.4	0.59	0.43 U	0.43 J
Tetrachloroethene	6.4	5.2	8.1	22	20	4.1	10	6.2	2.5	0.43	9.5	2.8	1.7	12	1.0	1.2	3.1	0.66	1.4 U	1.5	0.75	0.50	0.71	0.64	0.79	0.19	3.2	5.5	5.9	0.68 U	0.51 U
Toluene	4.3	5.3	8.7	4.9 J	4.5	3.5	9.4	6.0 J	1.6	1.1	3.8	4.5	2.6	2.2	11	11	28	2.8	7.2	7.2	2.2	5.1	3.9	3.7	3.8	1.5	2.0	7.2	2.9	0.98	1.2
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.044	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.099 U	0.099 U	0.099 U	0.40 U	0.31 U	0.31 U	0.040 U	0.79 U	0.12 U	0.040 U	0.079 U	0.25 U	0.10 U	0.079 U	0.040 U	0.099 U	0.20 U	0.20 U	0.40 U	0.30 U
Trichloroethene	4.0	30	26	45	9.7	15	32	17	2.4	3.0	24	10	5.4	4.3	37	31	13	3.8	64	11	4.4	5.0	20	11	0.61	1.4	13	5.2	0.84	23	27
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.074 J	0.20 U	0.20 U	0.41 U	0.20 U	0.051 U	0.051 U	0.41 U	0.13 U	0.13 U	0.13 U	0.51 U	0.41 U	0.41 U	0.087	1.0 U	0.15 U	0.056 NJ	0.10 U	0.32 U	0.13 U	0.10 U	0.051 U	0.13 U	0.26 U	0.26 U	0.51 U	0.38 U

Building Number	BUILDING 10 SUB-SLAB VAPOR																														
Sample ID	SVSS-B10-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	12/19/12
1,1,1-Trichloroethane	26 U	NS	NS	11 U	NS	NS	16 U	NS	NS	NS	11 U	NS	NS	NS	8.7 U	NS	NS	NS	8.7 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 UJ	NS	NS	NS	1.1 U
1,1,2,2-Tetrachloroethane	32 U	NS	NS	14 U	NS	NS	21 U	NS	NS	NS	14 U	NS	NS	NS	11 U	NS	NS	NS	11 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 UJ	NS	NS	NS	1.4 U
1,1,2-Trichloroethane	26 U	NS	NS	11 U	NS	NS	16 U	NS	NS	NS	11 U	NS	NS	NS	8.7 U	NS	NS	NS	8.7 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 UJ	NS	NS	NS	1.1 U
1,1-Dichloroethane	19 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	NS	8.1 U	NS	NS	NS	6.5 U	NS	NS	NS	6.5 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 UJ	NS	NS	NS	0.81 U
1,1-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	12 U	NS	NS	NS	7.9 U	NS	NS	NS	6.3 U	NS	NS	NS	6.3 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 UJ	NS	NS	NS	0.79 U
1,2-Dichloroethane	19 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	NS	8.1 U	NS	NS	NS	6.5 U	NS	NS	NS	6.5 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 UJ	NS	NS	NS	0.81 U
Benzene	15 U	NS	NS	6.4 U	NS	NS	9.6 U	NS	NS	NS	6.4 U	NS	NS	NS	5.1 U	NS	NS	NS	5.1 U	NS	NS	NS	0.6 U	NS	NS	NS	0.64 UJ	NS	NS	NS	0.6 U
cis-1,2-Dichloroethene	38	NS	NS	11	NS	NS	26	NS	NS	NS	14	NS	NS	NS	6.7 NJ	NS	NS	NS	6.3	NS	NS	NS	2.9	NS	NS	NS	0.79 UJ	NS	NS	NS	0.8 U
Ethylbenzene	20 U	NS	NS	8.7 U	NS	NS	13 U	NS	NS	NS	8.7 U	NS	NS	NS	6.9 U	NS	NS	NS	6.9 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 UJ	NS	NS	NS	0.9 U
m,p-Xylene	20 U	NS	NS	22 U	NS	NS	33 U	NS	NS	NS	22 U	NS	NS	NS	17 U	NS	NS	NS	17 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 UJ	NS	NS	NS	2.2 U
o-Xylene	21 U	NS	NS	8.7 U	NS	NS	13 U	NS	NS	NS	8.7 U	NS	NS	NS	6.9 U	NS	NS	NS	6.9 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 UJ	NS	NS	NS	0.87 U
Tetrachloroethene	32 U	NS	NS	14 U	NS	NS	20 U	NS	NS	NS	14 U	NS	NS	NS	11 U	NS	NS	NS	11 U	NS	NS	NS	3.6	NS	NS	NS	6.5 J	NS	NS	NS	1.4 U
Toluene	18 U	NS	NS	7.5 U	NS	NS	11 U	NS	NS	NS	7.5 U	NS	NS	NS	6.0 U	NS	NS	NS	6.0 U	NS	NS	NS	3.7	NS	NS	NS	1.3 J	NS	NS	NS	0.75 U
trans-1,2-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	12 U	NS	NS	NS	7.9 U	NS	NS	NS	6.3 U	NS	NS	NS	6.3 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 UJ	NS	NS	NS	0.79 U
Trichloroethene	2700	NS	NS	1100	NS	NS	3200	NS	NS	NS	1800	NS	NS	NS	1700	NS	NS	NS	1200	NS	NS	NS	130	NS	NS	NS	34 J	NS	NS	NS	22
Vinyl chloride	12 U	NS	NS	5.1 U	NS	NS	7.7 U	NS	NS	NS	5.1 U	NS	NS	NS	4.1 U	NS	NS	NS	4.1 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 UJ	NS	NS	NS	0.51 U

Notes:
All values are shown in units of micrograms per cubic meter (ng/m³).
U - Not detected above reporting limit
J - Estimated
NJ - Tentative in identification and estimated
NS - Not Sampled

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

Sample Description	BUILDING 10A INDOOR AIR																														
Sample ID	IA-B10A-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.30	1.1	0.49	0.49	0.29	0.34	1.4	0.76	0.21	0.27	0.82 J	0.28	0.19	0.19	0.51	0.43 U	0.65	0.28	0.43 U	0.28	0.34	0.17	0.29	0.24	0.14 NJ	0.14 NJ	0.28	0.17	0.27 U	0.37	0.45
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.21 U	0.069 U	0.34 U	0.14 U	0.55 U	0.27 U	0.069 U	0.082 U	0.41 U	0.14 U	0.14 U	0.10 U	0.41 UJ	0.54 U	0.54 U	0.10 U	0.54 U	0.21 U	0.10 U	0.21 U	0.21 U	0.14 U	0.069 U	0.069 U	0.17 U	0.21 U	0.34 U	0.27 U	0.32 U
1,1,2-Trichloroethane	0.10 U	0.27 U	0.16 U	0.055 U	0.27 U	0.11 U	0.44 U	0.22 U	0.055 U	0.065 U	0.33 U	0.11 U	0.11 U	0.082 U	0.33 U	0.43 U	0.43 U	0.082 U	0.43 U	0.16 U	0.082 U	0.16 U	0.17 U	0.11 U	0.055 U	0.055 U	0.14 U	0.16 U	0.27 U	0.22 U	0.25 U
1,1-Dichloroethane	0.08 U	0.20 U	0.12 U	0.040 UJ	0.20 U	0.081 U	0.32 U	0.16 U	0.040 U	0.049 U	0.24 U	0.081 U	0.081 U	0.061 U	0.24 U	0.32 U	0.32 U	0.061 U	0.32 U	0.12 U	0.061 U	0.12 U	0.13 U	0.081 U	0.040 U	0.04 U	0.10 U	0.12 U	0.20 U	0.16 U	0.19 U
1,1-Dichloroethene	0.04 U	0.20 U	0.12 U	0.056	0.20 U	0.079 U	0.32 U	0.16 U	0.040 U	0.048 U	0.24 U	0.079 U	0.079 U	0.059 U	0.24 U	0.31 U	0.31 U	0.059 U	0.31 U	0.12 U	0.059 U	0.12 U	0.12 U	0.079 U	0.040 U	0.04 U	0.099 U	0.12 U	0.20 U	0.16 U	0.18 U
1,2-Dichloroethane	0.08 U	0.20 U	0.15	0.040 U	0.40 U	0.16 U	0.65 U	0.32 U	0.081 U	0.10 U	3.1 J	0.16 U	0.16 U	0.12 U	0.49 U	0.65 U	0.65 U	0.12 U	0.65 U	0.24 U	0.12 U	0.24 U	0.25 U	0.16 U	0.081 U	0.081 U	0.20 U	0.24 U	0.40 U	0.32 U	0.37 U
Benzene	2.3	1.5	2.7	2.8	2.7	1.4	7.7	3.8	0.64	0.70	2.6	2.7	0.64	0.83	3.5	4.2	4.5	2.6	2.9	2.7	1.3	1.9	5.9	2.2	1.9	1.3	1.8	2.6	0.70	0.81	1.10
cis-1,2-Dichloroethene	0.89	2.2	4.8	1.1	4.8	0.38 NJ	3.0	1.9	1.3	1.2	3.3	3.2	1.4	1.5	3.3	5.2	8.7	4.0	4.0	5.2	4.4	1.9	3.6	1.9	0.51	0.67	2.1	1.3	0.42	1.3	1.8
Ethylbenzene	2.1	0.65	2.3	1.3	2.3	0.69	2.8	0.78	0.52	0.42	0.78	0.87	1.4 NJ	0.48	1.5	2.3	5.2	1.0	1.3	2.5	1.2	0.91	1.1	1.1	0.75	0.61	0.98	2.3	0.77	0.38	0.37
m,p-Xylene	7.5	2.0	9.1	3.4	9.1	2.3	7.8	2.9	1.7	1.3	2.2	3.2	5.2	1.8	6.1	9.6	17	3.4	4.8	10	4.8	3.2	3.4	3.6	2.6	2.1	3.3	4.6	0.73	1.1	1.2
o-Xylene	2.7	0.74	2.4	1.8	3.6	0.78	2.5	1.0	0.56	0.48	0.69	1.1	1.8	0.65	1.9	3.0	5.2	1.2	1.6	3.6	1.6 J	1.1	1.2	1.2	0.93	0.76	1.2	1.7	0.25	0.37	0.46
Tetrachloroethene	7.6	2.7	5.4	6.0	22	3.0	12	6.1	3.2	0.81	12	2.6	1.2	3.1	1.3	1.8	4.1	1.8	0.88	1.1	1.4	0.72	0.97	0.80	1.2	0.24	3.7	3.7	0.80	0.27 U	0.31 U
Toluene	11	3.3	6.0	3.8 J	6.4	2.8	10	4.9 J	2.4	1.5	4.1	4.5	2.1	2.3	8.7	12	28	4.5	7.2	8.3	4.1	5.3	6.4	4.9	2.2	1.7	2.7	5.6	1.4	0.76	1.3
trans-1,2-Dichloroethene	0.056 U	0.20 U	0.12 U	0.040 U	0.20 U	0.079 U	0.32 U	0.16 U	0.040 U	0.048 U	0.24 U	0.079 U	0.079 U	0.059 U	0.24 U	0.31 U	0.31 U	0.059 U	0.31 U	0.12 U	0.059 U	0.12 U	0.12 U	0.079 U	0.040 U	0.04 U	0.099 U	0.12 U	0.20 U	0.16 U	0.18 U
Trichloroethene	4.5	12	19	32	9.1	7.0	32	15	3.0	4.9	23	9.7	2.8	4.8	19	21	15	4.6	25	9.7	6.4	3.8	13	5.7	0.91	1.1	8.0	5.7	0.40	7.9	18
Vinyl chloride	0.020 U	0.13 U	0.10 NJ	0.066 J	0.26 U	0.10 U	0.41 U	0.20 U	0.051 U	0.064 U	0.31 U	0.10 U	0.10 U	0.077 U	0.31 U	0.41 U	0.41 U	0.12	0.41 U	0.15 U	0.095 NJ	0.15 U	0.16 U	0.1 U	0.051 U	0.051 U	0.13 U	0.15 U	0.26 U	0.20 U	0.23 U

Building Number	BUILDING 10A SUB-SLAB VAPOR																														
Sample ID	SVSS-B10A-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	12/19/12
1,1,1-Trichloroethane	14	NS	NS	11 U	NS	NS	3.4	NS	NS	NS	1.1	NS	NS	NS	2.5	NS	NS	NS	2.2	NS	NS	NS	2.5	NS	NS	NS	2.3	NS	NS	NS	1.1 U
1,1,2,2-Tetrachloroethane	3.2 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U
1,1,2-Trichloroethane	2.3 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U
1,1-Dichloroethane	2.5	NS	NS	8.1 U	NS	NS	2.1	NS	NS	NS	0.81 U	NS	NS	NS	1.5	NS	NS	NS	1.4	NS	NS	NS	1.8	NS	NS	NS	1.8	NS	NS	NS	0.81 U
1,1-Dichloroethene	0.9 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U
1,2-Dichloroethane	1.8 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U
Benzene	3.4 U	NS	NS	6.4 U	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	1.6
cis-1,2-Dichloroethene	10	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U
Ethylbenzene	2 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	1.0	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U
m,p-Xylene	3.8 U	NS	NS	22 U	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	4.0	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U
o-Xylene	2 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	1.7	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U
Tetrachloroethene	920	NS	NS	44	NS	NS	140	NS	NS	NS	81	NS	NS	NS	95	NS	NS	NS	100	NS	NS	NS	49	NS	NS	NS	50	NS	NS	NS	20
Toluene	3.2	NS	NS	7.5 U	NS	NS	2.6	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	3.3	NS	NS	NS	0.96	NS	NS	NS	1.8
trans-1,2-Dichloroethene	1.3 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U
Trichloroethene	120	NS	NS	11 U	NS	NS	20	NS	NS	NS	9.1	NS	NS	NS	10	NS	NS	NS	13	NS	NS	NS	13	NS	NS	NS	12	NS	NS	NS	5.7
Vinyl chloride	0.45 U	NS	NS	5.1 U	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U

Notes:
All values are shown in units of micrograms per cubic meter (ng/m³).
U - Not detected above reporting limit
J - Estimated
NJ - Tentative in identification and estimated
NS - Not Sampled

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

Sample Location	BUILDING 1A FIRST FLOOR																												
Sample ID	IA-B1A-01																												
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/24/10	8/30/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.63	0.35 JT	0.19	0.21	0.26	0.06	1.0	0.093	0.098	0.055 U	0.22 U	0.16 U	0.18 U	0.18 U	0.82 U	0.11 U	0.11 U	0.44 U	0.069	0.33 U	0.055 U	0.11 U	0.055 U	0.096 NJ	0.055 U	0.11 U	0.068 U	0.28	0.055 U
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.14 U	0.21 U	0.27 U	0.069 U	0.69 U	0.10 U	0.100 U	0.069 U	0.27 U	0.21 U	0.23 U	0.23 U	1 U	0.14 U	0.14 U	0.56 U	0.069 U	0.41 U	0.069 U	0.14 U	0.069 U	0.069 U	0.069 U	0.14 U	0.086 U	0.21 U	0.069 U
1,1,2-Trichloroethane	0.1 U	0.27 U	0.11 U	0.16 U	0.22 U	0.055 U	0.55 U	0.082 U	0.082 U	0.055 U	0.22 U	0.16 U	0.18 U	0.18 U	0.82 U	0.11 U	0.11 U	0.44 U	0.055 U	0.33 U	0.055 U	0.11 U	0.055 U	0.055 U	0.055 U	0.11 U	0.068 U	0.16 U	0.055 U
1,1-Dichloroethane	0.08 U	0.2 U	0.081 U	0.12 U	0.16 U	0.04 U	0.4 U	0.061 U	0.061 U	0.040 U	0.16 U	0.12 U	0.13 U	0.13 U	0.61 U	0.081 U	0.081 U	0.33 U	0.040 U	0.24 U	0.040 U	0.081 U	0.040 U	0.040 U	0.040 U	0.081 U	0.051 U	0.12 U	0.040 U
1,1-Dichloroethene	0.04 U	0.2 U	0.079 U	0.12 U	0.16 U	0.04 U	0.4 U	0.059 U	0.059 U	0.040 U	0.16 U	0.12 U	0.13 U	0.13 U	0.59 U	0.079 U	0.079 U	0.32 U	0.040 U	0.24 U	0.040 U	0.079 U	0.040 U	0.040 U	0.040 U	0.079 U	0.050 U	0.12 U	0.040 U
1,2-Dichloroethane	0.95	0.2 U	0.14	0.24 U	0.32 U	0.081 U	0.97	0.12 U	0.12 U	0.081 U	0.32 U	0.24 U	0.27 U	0.27 U	1.2 U	0.16 U	0.16 U	0.65 U	0.081 U	0.49 U	0.081 U	0.16 U	0.081 U	0.22	0.11	0.16 U	0.14	0.33 NJ	0.090 NJ
Benzene	1.8	1.3	0.89	3.5	2.3	0.24	1.2	1.4	1.4	0.14	0.89	4.8	3.8	1.7	2.4	2.7	1.3	1.9	0.70	1.6	1.8	2.0	0.35	0.44	0.52	0.32	1.1	0.83	0.96
cis-1,2-Dichloroethene	0.89	1.5	0.59	0.71	0.75	0.04 U	0.67	0.32	0.280	0.040 U	0.48	0.59	1.0	0.27	0.59 U	0.52	1.0	2.7	0.094	0.24 U	0.071	0.59	0.040 U	0.16	0.086	0.079 U	0.29	0.55	0.12
Ethylbenzene	3.4	0.91	0.61	2.0	0.78	0.21	3.8	0.61	0.74	0.65	1.0	0.78	1.1	1.1	6.1	0.69	1.0	2.0	0.67	2.4	0.17	0.45	0.48	0.094	0.80	0.38	0.54	0.74	0.18
m-Xylene & p-Xylene	12	2.6	1.7	6.1	2.6	0.74	12	1.7	2.6	2.6	3.2	2.9	3.7	3.8	17	2.3	3.2	6.5	2.0	11	0.35	1.3	1.3	0.32	3.7	0.82	1.8	2.4	0.51
o-Xylene	3.5	0.74	0.56	1.4	0.61	0.18	2.1	0.4	0.69	0.74	0.96	1.0	1.2	1.1	3.9	1.1	0.8	1.8	0.67	2.9	0.19	0.46	0.47	0.12	1.4	0.29	0.62	0.74	0.17
Tetrachloroethene	25	1.9	8.1	3.6	0.88	0.095	2.4	1.6	0.75	0.068 U	0.88	0.56	0.46	0.22 U	1.0 U	0.58	0.60	0.75	0.13	0.43	0.10	0.58	0.11	0.081	2.8	0.18	0.16	1.1	0.28
Toluene	52	11	2.8	8.7	3.4	1.5	17	2.9	1.9	2.1	11	6.8	8.7	7.2	37	4.5	4.9	9.0	3.4	16	1.6	2.5	3.5	0.40	1.3	3.5	3.8	4.0	2.0
trans-1,2-Dichloroethene	0.06 U	0.2 U	0.079 U	0.12 U	0.16 U	0.04 U	0.4 U	0.059 U	0.059 U	0.04 U	0.16 U	0.12 U	0.13 U	0.13 U	0.59 U	0.079 U	0.079 U	0.32 U	0.040 U	0.24 U	0.040 U	0.079 U	0.040 U	0.04 U	0.040 U	0.079 U	0.050 U	0.120 U	0.040 U
Trichloroethene	6.9	10	2.1	9.1	12	0.39	3.4	2.9	4.9	0.059	2.3	9.7	7.0	0.59	2.7	3.7	7.5	27	1.5	2.4	1.1	6.8	0.26	0.75	1.1	1.3	1.3	5.2	1.6
Vinyl chloride	0.02 U	0.13 U	0.051 U	0.15 U	0.2 U	0.051 U	1.6	0.077 U	0.077 U	0.051 U	0.20 U	0.15 U	0.17 U	0.17 U	0.77 U	0.10 U	0.10 U	0.41 U	0.051 U	0.31 U	0.51 U	0.10 U	0.05 U	0.051 U	0.051 U	0.10 U	0.064 U	0.150 U	0.051 U

Sample Location	BUILDING 1A BASEMENT																												
Sample ID	IA-B1A-BASE																												
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/24/10	8/30/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	NS	0.6 NJ	0.27 U	0.55 U	1.1 U	0.11 U	0.43	0.22 U	0.22 U	0.055 U	0.27 U	0.35 U	0.55 U	0.071	1.4 U	0.33 U	0.27 U	2.2 U	0.19 U	0.22 U	0.055 U	0.82 U	0.055 U	0.12 NJ	0.055 U	0.22 U	0.11 U	0.11	0.16 U
1,1,2,2-Tetrachloroethane	NS	0.69 U	0.34 U	0.69 U	1.4 U	0.14 U	0.14 U	0.27 U	0.27 U	0.069 U	0.34 U	0.45 U	0.69 U	0.069 U	1.7 U	0.41 U	0.34 U	2.7 U	0.24 U	0.27 U	0.069 U	1.0 U	0.069 U	0.10 U	0.069 U	0.27 U	0.14 U	0.14 U	0.42
1,1,2-Trichloroethane	NS	0.55 U	0.27 U	0.55 U	1.1 U	0.11 U	0.11 U	0.22 U	0.22 U	0.055 U	0.27 U	0.35 U	0.55 U	0.055 U	1.4 U	0.33 U	0.27 U	2.2 U	0.19 U	0.22 U	0.055 U	0.82 U	0.055 U	0.082 U	0.055 U	0.22 U	0.11 U	0.11 U	0.16 U
1,1-Dichloroethane	NS	0.4 U	0.2 U	0.4 U	0.81 U	0.081 U	0.081 U	0.16 U	0.16 U	0.040 U	0.20 U	0.26 U	0.40 U	0.04 U	1.00 U	0.24 U	0.20 U	1.6 U	0.14 U	0.16 U	0.040 U	0.61 U	0.040 U	0.061 U	0.040 U	0.16 U	0.081 U	0.081 U	0.12 U
1,1-Dichloroethene	NS	0.4 U	0.2 U	0.4 U	0.79 U	0.079 U	0.079 U	0.16 U	0.16 U	0.040 U	0.20 U	0.26 U	0.40 U	0.04 U	0.99 U	0.24 U	0.20 U	1.6 U	0.14 U	0.16 U	0.040 U	0.59 U	0.040 U	0.059 U	0.040 U	0.16 U	0.079 U	0.079 U	0.12 U
1,2-Dichloroethane	NS	0.4 U	0.2 U	0.81 U	1.6 U	0.16 U	0.16 U	0.32 U	0.32 U	0.081 U	0.40 U	0.53 U	0.81 U	0.08 U	2.00 U	0.49 U	0.40 U	3.3 U	0.28 U	0.32 U	0.081 U	1.2 U	0.081 U	0.27 U	0.081 U	0.32 U	0.16	0.16 U	0.24 U
Benzene	NS	0.77	1.1	2.7	3.5	0.35	0.45	1.1	0.73	0.14	0.70	2.0	1.7	1.5	2.8	1.1	0.86	2.3	1.9	1.8	0.96	4.4	0.28	0.55	0.49	0.47	0.73	0.28	0.74
cis-1,2-Dichloroethene	NS	5.2	0.71	2.8	4.8	0.14	0.29	1.5	1.1	0.040 U	0.83	1.5	1.9	0.079	3.8	0.91	1.7	12	0.77	0.16 U	0.074	5.2	0.040 U	0.24	0.11	0.52	0.24	0.22	0.21
Ethylbenzene	NS	0.43 U	0.3	1.7	0.87 U	1.4	0.48	0.48	0.32	0.091	0.48	0.56	0.56	0.43	2.9	0.26 U	0.52	1.7 U	1.1	0.91	0.17 NJ	0.65 U	0.32	0.35	0.43	0.18	0.46	0.11	0.19
m-Xylene & p-Xylene	NS	1	0.74	5.2	2.1	3.7	1.4	1.4	0.91	0.33	1.7	2.1	2.2	1.6	7.8	0.78	1.6	4.8	3.5	3.9	0.53	1.3 U	1.1	0.73	2.0	0.58	1.5	0.37	0.57
o-Xylene	NS	0.43 U	0.27	1.3	0.87 U	0.83	0.32	0.37	0.30	0.10	0.56	0.78	1.1	0.52	2	0.28	0.40	1.7 U	1.1	1.1	0.17	0.65 U	0.39	0.19	0.79	0.20	0.52	0.13	0.23
Tetrachloroethene	NS	1.8	3.1	3.8	1.4 U	0.24	1.1	1.2	0.56	0.068 U	0.81	0.52	0.68 U	0.095	1.7 U	0.54	0.68	2.7 U	0.26	0.27 U	0.18	1.0 U	0.12	0.81	1.6	0.28	0.20	0.36	0.25
Toluene	NS	3.1	1.5	6	3.3	4.5	2.2	1.9	1.0	1.8	5.7	4.5	4.1	3.1	18	1.5	1.7	6.0	7.2	9.4	2.0	1.0	2.7	2.3	0.71	1.0	2.6	0.69	6.60
trans-1,2-Dichloroethene	NS	0.4 U	0.2 U	0.4 U	0.79 U	0.079 U	0.079 U	0.16 U	0.16 U	0.04 U	0.20 U	0.26 U	0.40 U	0.04 U	0.99 U	0.24 U	0.20 U	1.6 U	0.14 U	0.16 U	0.040 U	0.59 U	0.040 U	0.059 U	0.040 U	0.16 U	0.079 U	0.079 U	0.12 U
Trichloroethene	NS	160	9.1	45	81	2.1	7	20	17	0.081	16	24	29	0.27	86	14	24	120	14	4.5	1.8	67	0.43	5.1	1.6	11	5.0	4.5	3.0
Vinyl chloride	NS	0.26 U	0.13 U	0.51 U	1.0 U	0.10 U	0.10 U	0.20 U	0.20 U	0.05 U	0.26 U	0.33 U	0.51 U	0.051 U	1.3 U	0.31 U	0.26 U	2.1 U	0.18 U	0.20 U	0.051 U	0.77 U	0.051 U	0.077 U	0.051 U	0.2 U	0.10 U	0.10 U	0.15 U

Notes:
All values are shown in units of micrograms per cubic meter (mg/m³).
U - Not detected above reporting limit shown
J - Estimated by data validator
NJ - Tentative in identification and estimated
NS - Not sampled

Table 6
Ambient Air Sample Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	AMBIENT AIR OUTSIDE OF BUILDING 2																											
Sample ID	OA-B2-01																											
Date Collected	7/15/03	10/2/03	1/20/04	3/20/07	6/21/07	8/30/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.21	0.16	0.12	0.15	0.060	NS	0.055 U	0.065	0.055 U	0.060	0.055 U	0.055	0.065	0.11 U	0.065	0.055 U	0.082 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.14 U	0.055 U	0.055 U	0.055 U
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.069 U	0.069 U	0.069 U	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 UJ	0.069 U	0.14 U	0.069 U	0.069 U	0.100 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.17 U	0.069 U	0.069 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.055 U	0.055 U	0.055 U	NS	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.11 U	0.055 U	0.055 U	0.082 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.14 U	0.055 U	0.055 U	0.055 U
1,1-Dichloroethane	0.080 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.081 U	0.040 U	0.040 U	0.061 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.10 U	0.040 U	0.040 U	0.040 U
1,1-Dichloroethene	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.040 U	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.099 U	0.040 U	0.040 U	0.040 U
1,2-Dichloroethane	0.080 U	0.040 U	0.040 U	0.089	0.081 U	NS	0.081 U	0.085	0.081 U	0.081 U	0.081 U	0.081 U	0.081	0.16 U	0.081 U	0.081 U	0.12 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.20 U	0.081 U	0.081 U	0.081 U
Benzene	0.44	0.38	0.45	0.58	0.21	NS	0.32	0.51	0.28	0.24	0.16	0.70	0.08	0.54	0.42	0.42	1.0	0.22	0.58	0.49	0.41	0.28	0.19	0.53	0.31	0.28	0.23	0.52
cis-1,2-Dichloroethene	0.056 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.120	0.079 U	0.040 U	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.099 U	0.040 U	0.040 U	0.040 U	0.040 U
Ethylbenzene	0.35	0.13	0.19	0.043 U	0.087	NS	0.15	0.10	0.078	0.16	0.091	0.22	0.25	0.69	0.48	0.061	0.52	0.069	0.29	0.11	0.084	0.32	0.085	0.052	0.50	0.19	0.043 U	0.096
m-Xylene & p-Xylene	1.1	0.35	0.48	0.087 U	0.23	NS	0.38	0.26	0.20	0.52	0.26	0.69	1.3	1.7	0.74	0.15	1.8	0.11	0.90	0.26 U	0.20	0.96	0.21	0.14	0.95	0.74	0.087 U	0.260
o-Xylene	0.35	0.13	0.19	0.043 U	0.083	NS	0.13	0.10	0.078	0.20	0.091	0.29	0.65	0.56	0.26	0.056	0.52	0.043 U	0.32	0.10	0.079	0.33	0.077	0.058	0.34	0.28	0.043 U	0.10
Tetrachloroethene	0.30	0.068 U	0.075	0.088	0.068 U	NS	0.11	0.068 U	0.068 U	0.068 U	0.068 U	0.088	0.14	0.14 U	0.075	0.068 U	0.26	0.068	0.077	0.068 U	0.071 U	0.12	0.068 U	0.11	0.17 U	0.068 U	0.068 U	0.068 U
Toluene	3.2	0.64	0.90	0.22	0.49	NS	1.0	0.53	0.36	1.7	0.57	1.2	0.98	5.3	1.2	0.35	4.1	0.45	2.4	0.65	0.48	3.3	0.82	0.47	4.7	0.59	0.35	0.53
trans-1,2-Dichloroethene	0.056 U	0.04 U	0.04 U	0.04 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.075	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.04 U	0.040 U	0.099 U	0.040 U	0.040 U	0.040 U	0.040 U
Trichloroethene	0.58	0.52	0.81	2.8	0.70	NS	0.31	0.054 U	0.054 U	0.054 U	0.054 U	0.11	0.086	0.86	0.91	0.054 U	0.081 U	0.075	0.066	0.21	0.054 U	0.066	0.054 U	0.054 U	0.13 U	0.054 U	0.11	0.075
Vinyl chloride	0.020 U	0.026 U	0.026 U	0.051 U	0.051 U	NS	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.10 U	0.051 U	0.051 U	0.077 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.13 U	0.051 U	0.051 U	0.051 U	0.051 U

Sample Description	AMBIENT AIR OUTSIDE OF BUILDING 11																											
Sample ID	OA-B11-01																											
Date Collected	7/15/03	10/2/03	1/20/04	3/20/07	6/21/07	8/30/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13
1,1,1-Trichloroethane	0.18	0.15	0.11	0.15	0.055 U	0.055 U	0.055	0.065	0.060	0.055 U	0.055 U	0.055 U	0.071	0.071	0.060	0.055 U	0.055 U	0.065	0.055 U	0.055 U	0.055 U	0.055 U	0.057 NJ	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 UJ	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
1,1-Dichloroethane	0.080 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
1,1-Dichloroethene	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
1,2-Dichloroethane	0.080 U	0.040 U	0.040 U	0.081 U	0.081 U	0.081 U	0.081 U	0.085	0.081 U	0.081 U	0.081 U	0.081 U	0.085	0.081 U	0.081 U	0.081 U	0.081 NJ	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U
Benzene	0.32	0.30	0.45	0.54	0.15	0.17	0.29	0.58	0.31	0.13	0.14	0.54	0.67	0.32	0.26	0.38	0.51	0.31	0.42	0.73	0.39	0.20	0.54	0.45	0.29	0.26	0.28	0.77
cis-1,2-Dichloroethene	0.056 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.083	0.040 U	0.040 U	0.040 NJ	0.040 U	0.079	0.040 U	0.14	0.040 U	0.040 U	0.084	0.040 U	0.040 U	0.058	0.066	0.040 U
Ethylbenzene	0.16	0.091	0.15	0.10	0.061	0.091	0.15	0.19	0.065	0.12	0.096	0.18	0.18	0.23	0.14	0.065	0.15	0.16	0.19	0.28	0.061	0.10	0.22	0.043 U	0.11	0.32	0.086	0.280
m,p-Xylene	0.32	0.26	0.34	0.29	0.16	0.22	0.43	0.56	0.20	0.38	0.24	0.48	0.41	0.69	0.43	0.18	0.43	0.48	0.46	0.72	0.18	0.30	0.66	0.043 U	0.31	0.46	0.24	0.90
o-Xylene	0.14	0.10	0.13	0.11	0.052	0.078	0.13	0.21	0.083	0.11	0.083	0.21	0.16	0.23	0.17	0.074	0.16	0.19 J	0.17	0.25	0.077	0.12	0.24	0.043 U	0.12	0.17	0.10	0.29
Tetrachloroethene	0.14 U	0.068 U	0.068	0.075	0.068 U	0.081	0.12	0.068 U	0.068 U	0.068 U	0.068 U	0.095	0.14	0.088	0.068 U	0.068 U	0.095	0.081	0.068 U	0.33	0.068 U	0.068 U	0.16	0.068 U	0.068 U	0.11	0.068 U	0.095
Toluene	1.4	0.45	0.68	0.38	0.32	0.49	0.60	0.72	0.37	0.75	0.64	1.1	0.94	1.4	0.83	0.35	1.1	0.79	1.1	2.3	0.30	0.55	1.1	0.16	0.56	0.83	0.47	1.2
trans-1,2-Dichloroethene	0.056 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Trichloroethene	0.074	0.13	0.12	0.14	0.12	0.12	0.11	0.086	0.054 U	0.086	0.07	0.13	0.075	0.075	0.51	0.11	0.081	0.22	0.077	3.4	0.068	0.054 U	0.32	0.21	0.056	1.2	0.19	0.086
Vinyl chloride	0.020 U	0.026 U	0.026 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U

Notes:
All values are shown in units of micrograms per cubic meter (µg/m³).
U - Not detected above reporting limit
NS - Not Sampled
* - Recovery or RPD exceeds control limits
J - Estimated
NJ - Tentative in identification and estimated

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

February 13, 2013

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

RE: Validation of the Former Philips Display Components Facility, Seneca Falls Site Data Package
Indoor and Outdoor Air Samples- October 2012
TestAmerica-VT SDG Nos. 200-14379-1 and 200-14440

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on December 19, 2012 and January 3, 2013 at the Seneca Falls, NY site. Twenty one 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, sample processing was conducted in compliance with project requirements. All sample results are usable either as reported or with minor qualification. The field duplicate evaluation for the sub slab samples show several outlying correlations.

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 laboratory sample result forms, qualified with the validation qualifiers noted below.

Volatile Analyses by EPA TO-15

The detected result of 1,2-dichloroethane in IA-B1A-01 is qualified as tentative in identification and estimated in value due to interferences in the mass spectrum.

The following detected results are qualified as estimated in value due to variances in the fragment proportions in the mass spectra:

- o-xylene in IA-B10-01
- 1,1,1-trichloroethane in IA-B11-02

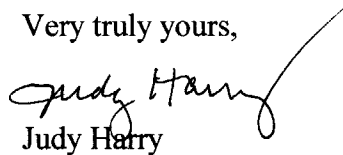
Holding times and instrument tunes meet requirements. Internal standard recoveries are within the required ranges. Method and canister blanks show no contamination. The clean canister certifications were reviewed during validation.

The blind field duplicate evaluation of IA-B11-02 shows good correlations. That for SVSS-B11-01 shows outlying correlations (all greater than $\pm$ CRDL) for the cis-1,2-dichloroethene, benzene, toluene, ethylbenzene, and the xylenes, with the parent sample showing lower concentrations than the duplicate. Results for those compounds in the parent sample and its duplicate have been qualified as estimated in value.

Initial and continuing calibration standard responses were acceptable, with all response factors (RRFs) above 0.05, linearity within the 30%RSD limit, and continuing responses not above 30%D.

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

Very truly yours,



Judy Harry

**CLIENT and LABORATORY SAMPLE IDs
and
LABORATORY CASE NARRATIVES**

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-14379-1	SVSS-B10-01	Air	12/19/2012 1415	12/24/2012 1045
200-14379-2	SVSS-B10A-01	Air	12/19/2012 1359	12/24/2012 1045
200-14379-3	SVSS-B11-01	Air	12/19/2012 1050	12/24/2012 1045
200-14379-4	SVSS-B13-01	Air	12/19/2012 1133	12/24/2012 1045
200-14379-5	SVSS-B13A-01	Air	12/19/2012 1128	12/24/2012 1045
200-14379-6	SVSS-B7-01	Air	12/19/2012 1514	12/24/2012 1045
200-14379-7	SVSS-DUPE	Air	12/19/2012 1050	12/24/2012 1045

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-14440-1	IA-B10-01	Air	01/03/2013 1600	01/04/2013 1010
200-14440-2	IA-B10A-01	Air	01/03/2013 1559	01/04/2013 1010
200-14440-3	IA-B11-01	Air	01/03/2013 1550	01/04/2013 1010
200-14440-4	IA-B11-02	Air	01/03/2013 1614	01/04/2013 1010
200-14440-5	IA-B13-01	Air	01/03/2013 1615	01/04/2013 1010
200-14440-6	IA-B13A-01	Air	01/03/2013 1640	01/04/2013 1010
200-14440-7	IA-B1A-01	Air	01/03/2013 1538	01/04/2013 1010
200-14440-8	IA-B1A-BASE	Air	01/03/2013 1540	01/04/2013 1010
200-14440-9	IA-B9-01	Air	01/03/2013 1605	01/04/2013 1010
200-14440-10	IA-B9-02	Air	01/03/2013 1544	01/04/2013 1010
200-14440-11	IA-B9-CS	Air	01/03/2013 1605	01/04/2013 1010
200-14440-12	IA-B7-01	Air	01/03/2013 1609	01/04/2013 1010
200-14440-13	IA-B7-02	Air	01/03/2013 1605	01/04/2013 1010
200-14440-14	OA-B2-01	Air	01/03/2013 1540	01/04/2013 1010
200-14440-15	OA-B11-01	Air	01/03/2013 1553	01/04/2013 1010
200-14440-16	IA-DUPE	Air	01/03/2013 1614	01/04/2013 1010

CASE NARRATIVE

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Project: Seneca Falls

Report Number: 200-14379-1

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 12/24/2012; the samples arrived in good condition.

Samples were received over a 2 day period 4 out of 7 were received 12/22/12 and the remaining 3 boxes were received 12/24/12.

Client listed wrong asset # for the Flow Controller used for sample 2. The asset listed was 4693 and the actual was 4698.

VOLATILE ORGANIC COMPOUNDS

Samples SVSS-B10-01, SVSS-B10A-01, SVSS-B11-01, SVSS-B13-01, SVSS-B13A-01, SVSS-B7-01 and SVSS-DUPE were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 01/04/2013 and 01/07/2013.

No difficulties were encountered during the VOC analyses.

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Project: Seneca Falls

Report Number: 200-14440-1

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 01/04/2013; 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-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 and IA-DUPE were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 01/08/2013, 01/09/2013, 01/10/2013 and 01/11/2013.

Samples IA-B10-01[7X], IA-B10A-01[5X], IA-B11-01[2X], IA-B11-02[3X], IA-B1A-BASE[3X], IA-B9-01[2X], IA-B9-02[4X], IA-B9-CS[6X], IA-B7-01[5X], IA-B7-02[5X] and IA-DUPE[3X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

QUALIFIED SAMPLE RESULTS FORMS

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-B10-01

Lab Sample ID: 200-14379-1

Date Sampled: 12/19/2012 1415

Client Matrix: Air

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50328	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuas016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/04/2013 0836			Final Weight/Volume:	200 mL
Prep Date:	01/04/2013 0836			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,1,1-Trichloroethane	0.20	U	0.020	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	4.2		0.0092	0.20
Toluene	0.20	U	0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	0.20	U	0.015	0.20
Ethylbenzene	0.20	U	0.015	0.20
m-Xylene & p-Xylene	0.50	U	0.022	0.50
o-Xylene	0.20	U	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	22		0.049	1.1
Toluene	0.75	U	0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	1.4	U	0.10	1.4
Ethylbenzene	0.87	U	0.065	0.87
m-Xylene & p-Xylene	2.2	U	0.096	2.2
o-Xylene	0.87	U	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-B10A-01

Lab Sample ID: 200-14379-2

Date Sampled: 12/19/2012 1359

Client Matrix: Air

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50299	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuat005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/04/2013 2031			Final Weight/Volume:	200 mL
Prep Date:	01/04/2013 2031			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,1,1-Trichloroethane	0.20	U	0.020	0.20
Benzene	0.50		0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	1.1		0.0092	0.20
Toluene	0.47		0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	3.0		0.015	0.20
Ethylbenzene	0.20	U	0.015	0.20
m-Xylene & p-Xylene	0.50	U	0.022	0.50
o-Xylene	0.20	U	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Benzene	1.6		0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	5.7		0.049	1.1
Toluene	1.8		0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	20		0.10	1.4
Ethylbenzene	0.87	U	0.065	0.87
m-Xylene & p-Xylene	2.2	U	0.096	2.2
o-Xylene	0.87	U	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-B11-01

Lab Sample ID: 200-14379-3

Date Sampled: 12/19/2012 1050

Client Matrix: Air

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50299	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkuat006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/04/2013 2124			Final Weight/Volume:	200 mL
Prep Date:	01/04/2013 2124			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.56	J	0.084	0.20
1,1,1-Trichloroethane	0.20	U	0.020	0.20
Benzene	0.41	J	0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	3.7	J	0.0092	0.20
Toluene	0.36	J	0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	0.38		0.015	0.20
Ethylbenzene	0.20	U UJ	0.015	0.20
m-Xylene & p-Xylene	0.50	U UJ	0.022	0.50
o-Xylene	0.20	U UJ	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	2.2	J	0.33	0.79
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Benzene	1.3	J	0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	20		0.049	1.1
Toluene	1.4	J	0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	2.6		0.10	1.4
Ethylbenzene	0.87	U UJ	0.065	0.87
m-Xylene & p-Xylene	2.2	U UJ	0.096	2.2
o-Xylene	0.87	U UJ	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-B13-01

Lab Sample ID: 200-14379-4

Client Matrix: Air

Date Sampled: 12/19/2012 1133

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50432	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggwi005.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/07/2013 1606			Final Weight/Volume:	200 mL
Prep Date:	01/07/2013 1606			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,1,1-Trichloroethane	0.39		0.020	0.20
Benzene	0.37		0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	0.20	U	0.0092	0.20
Toluene	0.54		0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	0.61		0.015	0.20
Ethylbenzene	0.20	U	0.015	0.20
m-Xylene & p-Xylene	0.50	U	0.022	0.50
o-Xylene	0.20	U	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,1,1-Trichloroethane	2.2		0.11	1.1
Benzene	1.2		0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	1.1	U	0.049	1.1
Toluene	2.0		0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	4.2		0.10	1.4
Ethylbenzene	0.87	U	0.065	0.87
m-Xylene & p-Xylene	2.2	U	0.096	2.2
o-Xylene	0.87	U	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-B13A-01

Lab Sample ID: 200-14379-5

Date Sampled: 12/19/2012 1128

Client Matrix: Air

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50432	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggwi006.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/07/2013 1657			Final Weight/Volume:	200 mL
Prep Date:	01/07/2013 1657			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,1,1-Trichloroethane	0.23		0.020	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	0.20	U	0.0092	0.20
Toluene	0.20	U	0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	0.20	U	0.015	0.20
Ethylbenzene	0.20	U	0.015	0.20
m-Xylene & p-Xylene	0.50	U	0.022	0.50
o-Xylene	0.20	U	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,1,1-Trichloroethane	1.3		0.11	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	1.1	U	0.049	1.1
Toluene	0.75	U	0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	1.4	U	0.10	1.4
Ethylbenzene	0.87	U	0.065	0.87
m-Xylene & p-Xylene	2.2	U	0.096	2.2
o-Xylene	0.87	U	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-B7-01

Lab Sample ID: 200-14379-6

Date Sampled: 12/19/2012 1514

Client Matrix: Air

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50432	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggwi007.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/07/2013 1747			Final Weight/Volume:	200 mL
Prep Date:	01/07/2013 1747			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.20	U	0.084	0.20
1,1,1-Trichloroethane	0.20	U	0.020	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	4.2		0.0092	0.20
Toluene	0.21		0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	0.82		0.015	0.20
Ethylbenzene	0.20	U	0.015	0.20
m-Xylene & p-Xylene	0.50	U	0.022	0.50
o-Xylene	0.20	U	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	0.79	U	0.33	0.79
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	23		0.049	1.1
Toluene	0.80		0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	5.6		0.10	1.4
Ethylbenzene	0.87	U	0.065	0.87
m-Xylene & p-Xylene	2.2	U	0.096	2.2
o-Xylene	0.87	U	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14379-1

Sdg Number: 200-14379

Client Sample ID: SVSS-DUPE

Lab Sample ID: 200-14379-7

Client Matrix: Air

Date Sampled: 12/19/2012 1050

Date Received: 12/24/2012 1045

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-50432	Instrument ID:	G.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ggwi008.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	01/07/2013 1838			Final Weight/Volume:	200 mL
Prep Date:	01/07/2013 1838			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.0091	0.20
1,1-Dichloroethene	0.20	U	0.086	0.20
trans-1,2-Dichloroethene	0.20	U	0.023	0.20
1,1-Dichloroethane	0.20	U	0.023	0.20
cis-1,2-Dichloroethene	0.84	J	0.084	0.20
1,1,1-Trichloroethane	0.20	U	0.020	0.20
Benzene	0.75	J	0.018	0.20
1,2-Dichloroethane	0.20	U	0.018	0.20
Trichloroethene	5.1		0.0092	0.20
Toluene	1.4	J	0.014	0.20
1,1,2-Trichloroethane	0.20	U	0.016	0.20
Tetrachloroethene	0.45		0.015	0.20
Ethylbenzene	0.61	J	0.015	0.20
m-Xylene & p-Xylene	2.0	J	0.022	0.50
o-Xylene	0.37	J	0.016	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.011	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.023	0.51
1,1-Dichloroethene	0.79	U	0.34	0.79
trans-1,2-Dichloroethene	0.79	U	0.091	0.79
1,1-Dichloroethane	0.81	U	0.093	0.81
cis-1,2-Dichloroethene	3.3	J	0.33	0.79
1,1,1-Trichloroethane	1.1	U	0.11	1.1
Benzene	2.4	J	0.058	0.64
1,2-Dichloroethane	0.81	U	0.073	0.81
Trichloroethene	28		0.049	1.1
Toluene	5.4	J	0.053	0.75
1,1,2-Trichloroethane	1.1	U	0.087	1.1
Tetrachloroethene	3.1		0.10	1.4
Ethylbenzene	2.6	J	0.065	0.87
m-Xylene & p-Xylene	8.5	J	0.096	2.2
o-Xylene	1.6	J	0.069	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.076	1.4

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B10-01

Lab Sample ID: 200-14440-1

Date Sampled: 01/03/2013 1600

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc022.d
Dilution:	7.46			Initial Weight/Volume:	67 mL
Analysis Date:	01/09/2013 0804			Final Weight/Volume:	500 mL
Prep Date:	01/09/2013 0804			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.15	U	0.15	0.15
1,1-Dichloroethene	0.075	U	0.075	0.075
trans-1,2-Dichloroethene	0.075	U	0.075	0.075
1,1-Dichloroethane	0.075	U	0.075	0.075
cis-1,2-Dichloroethene	0.41		0.075	0.075
1,1,1-Trichloroethane	0.075	U	0.075	0.075
Benzene	0.28		0.075	0.075
1,2-Dichloroethane	0.15	U	0.15	0.15
Trichloroethene	5.1		0.075	0.075
Toluene	0.31		0.075	0.075
1,1,2-Trichloroethane	0.075	U	0.075	0.075
Tetrachloroethene	0.075	U	0.075	0.075
Ethylbenzene	0.075	U	0.075	0.075
o-Xylene	0.098	J	0.075	0.075
1,1,2,2-Tetrachloroethane	0.075	U	0.075	0.075
m-Xylene & p-Xylene	0.25		0.075	0.15

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.38	U	0.38	0.38
1,1-Dichloroethene	0.30	U	0.30	0.30
trans-1,2-Dichloroethene	0.30	U	0.30	0.30
1,1-Dichloroethane	0.30	U	0.30	0.30
cis-1,2-Dichloroethene	1.6		0.30	0.30
1,1,1-Trichloroethane	0.41	U	0.41	0.41
Benzene	0.90		0.24	0.24
1,2-Dichloroethane	0.60	U	0.60	0.60
Trichloroethene	27		0.40	0.40
Toluene	1.2		0.28	0.28
1,1,2-Trichloroethane	0.41	U	0.41	0.41
Tetrachloroethene	0.51	U	0.51	0.51
Ethylbenzene	0.32	U	0.32	0.32
o-Xylene	0.43	J	0.32	0.32
1,1,2,2-Tetrachloroethane	0.51	U	0.51	0.51
m-Xylene & p-Xylene	1.1		0.32	0.65

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B10A-01

Lab Sample ID: 200-14440-2

Date Sampled: 01/03/2013 1559

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc023.d
Dilution:	4.59			Initial Weight/Volume:	109 mL
Analysis Date:	01/09/2013 0858			Final Weight/Volume:	500 mL
Prep Date:	01/09/2013 0858			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.092	U	0.092	0.092
1,1-Dichloroethene	0.046	U	0.046	0.046
trans-1,2-Dichloroethene	0.046	U	0.046	0.046
1,1-Dichloroethane	0.046	U	0.046	0.046
cis-1,2-Dichloroethene	0.47		0.046	0.046
1,1,1-Trichloroethane	0.082		0.046	0.046
Benzene	0.34		0.046	0.046
1,2-Dichloroethane	0.092	U	0.092	0.092
Trichloroethene	3.4		0.046	0.046
Toluene	0.34		0.046	0.046
1,1,2-Trichloroethane	0.046	U	0.046	0.046
Tetrachloroethene	0.046	U	0.046	0.046
Ethylbenzene	0.086		0.046	0.046
o-Xylene	0.11		0.046	0.046
1,1,2,2-Tetrachloroethane	0.046	U	0.046	0.046
m-Xylene & p-Xylene	0.28		0.046	0.092

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.23	U	0.23	0.23
1,1-Dichloroethene	0.18	U	0.18	0.18
trans-1,2-Dichloroethene	0.18	U	0.18	0.18
1,1-Dichloroethane	0.19	U	0.19	0.19
cis-1,2-Dichloroethene	1.8		0.18	0.18
1,1,1-Trichloroethane	0.45		0.25	0.25
Benzene	1.1		0.15	0.15
1,2-Dichloroethane	0.37	U	0.37	0.37
Trichloroethene	18		0.25	0.25
Toluene	1.3		0.17	0.17
1,1,2-Trichloroethane	0.25	U	0.25	0.25
Tetrachloroethene	0.31	U	0.31	0.31
Ethylbenzene	0.37		0.20	0.20
o-Xylene	0.46		0.20	0.20
1,1,2,2-Tetrachloroethane	0.32	U	0.32	0.32
m-Xylene & p-Xylene	1.2		0.20	0.40

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B11-01

Lab Sample ID: 200-14440-3

Date Sampled: 01/03/2013 1550

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc024.d
Dilution:	2.29			Initial Weight/Volume:	218 mL
Analysis Date:	01/09/2013 0952			Final Weight/Volume:	500 mL
Prep Date:	01/09/2013 0952			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.046	U	0.046	0.046
1,1-Dichloroethene	0.035		0.023	0.023
trans-1,2-Dichloroethene	0.023	U	0.023	0.023
1,1-Dichloroethane	0.023	U	0.023	0.023
cis-1,2-Dichloroethene	0.29		0.023	0.023
1,1,1-Trichloroethane	0.078		0.023	0.023
Benzene	0.24		0.023	0.023
1,2-Dichloroethane	0.046	U	0.046	0.046
Trichloroethene	1.7		0.023	0.023
Toluene	0.28		0.023	0.023
1,1,2-Trichloroethane	0.023	U	0.023	0.023
Tetrachloroethene	0.023	U	0.023	0.023
Ethylbenzene	0.14		0.023	0.023
o-Xylene	0.20		0.023	0.023
1,1,2,2-Tetrachloroethane	0.023	U	0.023	0.023
m-Xylene & p-Xylene	0.54		0.023	0.046

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.12	U	0.12	0.12
1,1-Dichloroethene	0.14		0.091	0.091
trans-1,2-Dichloroethene	0.091	U	0.091	0.091
1,1-Dichloroethane	0.093	U	0.093	0.093
cis-1,2-Dichloroethene	1.1		0.091	0.091
1,1,1-Trichloroethane	0.43		0.12	0.12
Benzene	0.78		0.073	0.073
1,2-Dichloroethane	0.19	U	0.19	0.19
Trichloroethene	9.3		0.12	0.12
Toluene	1.1		0.086	0.086
1,1,2-Trichloroethane	0.12	U	0.12	0.12
Tetrachloroethene	0.16	U	0.16	0.16
Ethylbenzene	0.60		0.099	0.099
o-Xylene	0.86		0.099	0.099
1,1,2,2-Tetrachloroethane	0.16	U	0.16	0.16
m-Xylene & p-Xylene	2.3		0.099	0.20

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B11-02

Lab Sample ID: 200-14440-4

Date Sampled: 01/03/2013 1614

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc025.d
Dilution:	2.7			Initial Weight/Volume:	185 mL
Analysis Date:	01/09/2013 1046			Final Weight/Volume:	500 mL
Prep Date:	01/09/2013 1046			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.054	U	0.054	0.054
1,1-Dichloroethene	0.029		0.027	0.027
trans-1,2-Dichloroethene	0.027	U	0.027	0.027
1,1-Dichloroethane	0.027	U	0.027	0.027
cis-1,2-Dichloroethene	0.30		0.027	0.027
1,1,1-Trichloroethane	0.077	J	0.027	0.027
Benzene	0.29		0.027	0.027
1,2-Dichloroethane	0.054	U	0.054	0.054
Trichloroethene	1.7		0.027	0.027
Toluene	0.34		0.027	0.027
1,1,2-Trichloroethane	0.027	U	0.027	0.027
Tetrachloroethene	0.027	U	0.027	0.027
Ethylbenzene	0.19		0.027	0.027
o-Xylene	0.27		0.027	0.027
1,1,2,2-Tetrachloroethane	0.027	U	0.027	0.027
m-Xylene & p-Xylene	0.77		0.027	0.054

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.14	U	0.14	0.14
1,1-Dichloroethene	0.11		0.11	0.11
trans-1,2-Dichloroethene	0.11	U	0.11	0.11
1,1-Dichloroethane	0.11	U	0.11	0.11
cis-1,2-Dichloroethene	1.2		0.11	0.11
1,1,1-Trichloroethane	0.42	J	0.15	0.15
Benzene	0.92		0.086	0.086
1,2-Dichloroethane	0.22	U	0.22	0.22
Trichloroethene	9.3		0.15	0.15
Toluene	1.3		0.10	0.10
1,1,2-Trichloroethane	0.15	U	0.15	0.15
Tetrachloroethene	0.18	U	0.18	0.18
Ethylbenzene	0.81		0.12	0.12
o-Xylene	1.2		0.12	0.12
1,1,2,2-Tetrachloroethane	0.19	U	0.19	0.19
m-Xylene & p-Xylene	3.3		0.12	0.23

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B13-01

Lab Sample ID: 200-14440-5

Date Sampled: 01/03/2013 1615

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50399	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexb025.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/08/2013 1134			Final Weight/Volume:	500 mL
Prep Date:	01/08/2013 1134			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.053		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	0.075		0.010	0.010
1,1,1-Trichloroethane	0.13		0.010	0.010
Benzene	0.17		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.48		0.010	0.010
Toluene	0.29		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.022		0.010	0.010
Ethylbenzene	0.11		0.010	0.010
o-Xylene	0.14		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.46		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.21		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	0.30		0.040	0.040
1,1,1-Trichloroethane	0.69		0.055	0.055
Benzene	0.56		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.6		0.054	0.054
Toluene	1.1		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.15		0.068	0.068
Ethylbenzene	0.48		0.043	0.043
o-Xylene	0.61		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.0		0.043	0.087

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B13A-01

Lab Sample ID: 200-14440-6

Date Sampled: 01/03/2013 1640

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc008.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/08/2013 1934			Final Weight/Volume:	500 mL
Prep Date:	01/08/2013 1934			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.046		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	0.070		0.010	0.010
1,1,1-Trichloroethane	0.11		0.010	0.010
Benzene	0.16		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.69		0.010	0.010
Toluene	0.53		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.011		0.010	0.010
Ethylbenzene	0.10		0.010	0.010
o-Xylene	0.13		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.41		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.18		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	0.28		0.040	0.040
1,1,1-Trichloroethane	0.58		0.055	0.055
Benzene	0.51		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	3.7		0.054	0.054
Toluene	2.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.078		0.068	0.068
Ethylbenzene	0.45		0.043	0.043
o-Xylene	0.55		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	1.8		0.043	0.087

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B1A-01

Lab Sample ID: 200-14440-7

Client Matrix: Air

Date Sampled: 01/03/2013 1538

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc009.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/08/2013 2029			Final Weight/Volume:	500 mL
Prep Date:	01/08/2013 2029			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	0.031		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.30		0.010	0.010
1,2-Dichloroethane	0.022	NJ	0.020	0.020
Trichloroethene	0.30		0.010	0.010
Toluene	0.54		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.042		0.010	0.010
Ethylbenzene	0.042		0.010	0.010
o-Xylene	0.040		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	0.12		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.96		0.032	0.032
1,2-Dichloroethane	0.090	NJ	0.081	0.081
Trichloroethene	1.6		0.054	0.054
Toluene	2.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.28		0.068	0.068
Ethylbenzene	0.18		0.043	0.043
o-Xylene	0.17		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.51		0.043	0.087

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B1A-BASE

Lab Sample ID: 200-14440-8

Date Sampled: 01/03/2013 1540

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd005.d
Dilution:	2.99			Initial Weight/Volume:	167 mL
Analysis Date:	01/10/2013 1445			Final Weight/Volume:	500 mL
Prep Date:	01/10/2013 1445			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.060	U	0.060	0.060
1,1-Dichloroethene	0.030	U	0.030	0.030
trans-1,2-Dichloroethene	0.030	U	0.030	0.030
1,1-Dichloroethane	0.030	U	0.030	0.030
cis-1,2-Dichloroethene	0.054		0.030	0.030
1,1,1-Trichloroethane	0.030	U	0.030	0.030
Benzene	0.23		0.030	0.030
1,2-Dichloroethane	0.060	U	0.060	0.060
Trichloroethene	0.56		0.030	0.030
Toluene	1.8		0.030	0.030
1,1,2-Trichloroethane	0.030	U	0.030	0.030
Tetrachloroethene	0.036		0.030	0.030
Ethylbenzene	0.044		0.030	0.030
o-Xylene	0.053		0.030	0.030
1,1,2,2-Tetrachloroethane	0.061		0.030	0.030
m-Xylene & p-Xylene	0.13		0.030	0.060

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.15	U	0.15	0.15
1,1-Dichloroethene	0.12	U	0.12	0.12
trans-1,2-Dichloroethene	0.12	U	0.12	0.12
1,1-Dichloroethane	0.12	U	0.12	0.12
cis-1,2-Dichloroethene	0.21		0.12	0.12
1,1,1-Trichloroethane	0.16	U	0.16	0.16
Benzene	0.74		0.096	0.096
1,2-Dichloroethane	0.24	U	0.24	0.24
Trichloroethene	3.0		0.16	0.16
Toluene	6.6		0.11	0.11
1,1,2-Trichloroethane	0.16	U	0.16	0.16
Tetrachloroethene	0.25		0.20	0.20
Ethylbenzene	0.19		0.13	0.13
o-Xylene	0.23		0.13	0.13
1,1,2,2-Tetrachloroethane	0.42		0.21	0.21
m-Xylene & p-Xylene	0.57		0.13	0.26

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B9-01

Lab Sample ID: 200-14440-9

Date Sampled: 01/03/2013 1605

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd006.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	01/10/2013 1542			Final Weight/Volume:	500 mL
Prep Date:	01/10/2013 1542			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	0.036		0.020	0.020
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Benzene	0.19		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.2		0.020	0.020
Toluene	0.44		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.043		0.020	0.020
o-Xylene	0.044		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.12		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	0.14		0.079	0.079
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Benzene	0.62		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	6.5		0.11	0.11
Toluene	1.7		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	0.19		0.087	0.087
o-Xylene	0.19		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	0.51		0.087	0.17

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B9-02

Lab Sample ID: 200-14440-10

Date Sampled: 01/03/2013 1544

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd022.d
Dilution:	4.19			Initial Weight/Volume:	500 mL
Analysis Date:	01/11/2013 0608			Final Weight/Volume:	500 mL
Prep Date:	01/11/2013 0608			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.084	U	0.084	0.084
1,1-Dichloroethene	0.042	U	0.042	0.042
trans-1,2-Dichloroethene	0.042	U	0.042	0.042
1,1-Dichloroethane	0.042	U	0.042	0.042
cis-1,2-Dichloroethene	0.075		0.042	0.042
1,1,1-Trichloroethane	0.042	U	0.042	0.042
Benzene	0.042	U	0.042	0.042
1,2-Dichloroethane	0.084	U	0.084	0.084
Trichloroethene	0.49		0.042	0.042
Toluene	0.042	U	0.042	0.042
1,1,2-Trichloroethane	0.042	U	0.042	0.042
Tetrachloroethene	0.042	U	0.042	0.042
Ethylbenzene	0.042	U	0.042	0.042
o-Xylene	0.042	U	0.042	0.042
1,1,2,2-Tetrachloroethane	0.042	U	0.042	0.042
m-Xylene & p-Xylene	0.084	U	0.042	0.084

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.21	U	0.21	0.21
1,1-Dichloroethene	0.17	U	0.17	0.17
trans-1,2-Dichloroethene	0.17	U	0.17	0.17
1,1-Dichloroethane	0.17	U	0.17	0.17
cis-1,2-Dichloroethene	0.30		0.17	0.17
1,1,1-Trichloroethane	0.23	U	0.23	0.23
Benzene	0.13	U	0.13	0.13
1,2-Dichloroethane	0.34	U	0.34	0.34
Trichloroethene	2.7		0.23	0.23
Toluene	0.16	U	0.16	0.16
1,1,2-Trichloroethane	0.23	U	0.23	0.23
Tetrachloroethene	0.28	U	0.28	0.28
Ethylbenzene	0.18	U	0.18	0.18
o-Xylene	0.18	U	0.18	0.18
1,1,2,2-Tetrachloroethane	0.29	U	0.29	0.29
m-Xylene & p-Xylene	0.36	U	0.18	0.36

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B9-CS

Lab Sample ID: 200-14440-11

Date Sampled: 01/03/2013 1605

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd008.d
Dilution:	6.02			Initial Weight/Volume:	83 mL
Analysis Date:	01/10/2013 1730			Final Weight/Volume:	500 mL
Prep Date:	01/10/2013 1730			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.12	U	0.12	0.12
1,1-Dichloroethene	0.060	U	0.060	0.060
trans-1,2-Dichloroethene	0.060	U	0.060	0.060
1,1-Dichloroethane	0.060	U	0.060	0.060
cis-1,2-Dichloroethene	0.073		0.060	0.060
1,1,1-Trichloroethane	0.060	U	0.060	0.060
Benzene	0.20		0.060	0.060
1,2-Dichloroethane	0.12	U	0.12	0.12
Trichloroethene	5.0		0.060	0.060
Toluene	0.18		0.060	0.060
1,1,2-Trichloroethane	0.060	U	0.060	0.060
Tetrachloroethene	0.060	U	0.060	0.060
Ethylbenzene	0.060	U	0.060	0.060
o-Xylene	0.060	U	0.060	0.060
1,1,2,2-Tetrachloroethane	0.060	U	0.060	0.060
m-Xylene & p-Xylene	0.12	U	0.060	0.12

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.31	U	0.31	0.31
1,1-Dichloroethene	0.24	U	0.24	0.24
trans-1,2-Dichloroethene	0.24	U	0.24	0.24
1,1-Dichloroethane	0.24	U	0.24	0.24
cis-1,2-Dichloroethene	0.29		0.24	0.24
1,1,1-Trichloroethane	0.33	U	0.33	0.33
Benzene	0.63		0.19	0.19
1,2-Dichloroethane	0.49	U	0.49	0.49
Trichloroethene	27		0.32	0.32
Toluene	0.67		0.23	0.23
1,1,2-Trichloroethane	0.33	U	0.33	0.33
Tetrachloroethene	0.41	U	0.41	0.41
Ethylbenzene	0.26	U	0.26	0.26
o-Xylene	0.26	U	0.26	0.26
1,1,2,2-Tetrachloroethane	0.41	U	0.41	0.41
m-Xylene & p-Xylene	0.52	U	0.26	0.52

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B7-01

Lab Sample ID: 200-14440-12

Date Sampled: 01/03/2013 1609

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd009.d
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/10/2013 1824			Final Weight/Volume:	500 mL
Prep Date:	01/10/2013 1824			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	0.16		0.050	0.050
1,1,1-Trichloroethane	0.050	U	0.050	0.050
Benzene	0.33		0.050	0.050
1,2-Dichloroethane	0.10	U	0.10	0.10
Trichloroethene	3.7		0.050	0.050
Toluene	0.73		0.050	0.050
1,1,2-Trichloroethane	0.050	U	0.050	0.050
Tetrachloroethene	0.050	U	0.050	0.050
Ethylbenzene	0.10		0.050	0.050
o-Xylene	0.11		0.050	0.050
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
m-Xylene & p-Xylene	0.31		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	0.64		0.20	0.20
1,1,1-Trichloroethane	0.27	U	0.27	0.27
Benzene	1.0		0.16	0.16
1,2-Dichloroethane	0.40	U	0.40	0.40
Trichloroethene	20		0.27	0.27
Toluene	2.8		0.19	0.19
1,1,2-Trichloroethane	0.27	U	0.27	0.27
Tetrachloroethene	0.34	U	0.34	0.34
Ethylbenzene	0.44		0.22	0.22
o-Xylene	0.50		0.22	0.22
1,1,2,2-Tetrachloroethane	0.34	U	0.34	0.34
m-Xylene & p-Xylene	1.3		0.22	0.43

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-B7-02

Lab Sample ID: 200-14440-13

Date Sampled: 01/03/2013 1605

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd010.d
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	01/10/2013 1918			Final Weight/Volume:	500 mL
Prep Date:	01/10/2013 1918			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	0.12		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	3.4		0.050	0.050
Toluene	0.56		0.050	0.050
1,1,2-Trichloroethane	0.050	U	0.050	0.050
Tetrachloroethene	0.050	U	0.050	0.050
Ethylbenzene	0.080		0.050	0.050
o-Xylene	0.088		0.050	0.050
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
m-Xylene & p-Xylene	0.22		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	0.47		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	18		0.27	0.27
Toluene	2.1		0.19	0.19
1,1,2-Trichloroethane	0.27	U	0.27	0.27
Tetrachloroethene	0.34	U	0.34	0.34
Ethylbenzene	0.35		0.22	0.22
o-Xylene	0.38		0.22	0.22
1,1,2,2-Tetrachloroethane	0.34	U	0.34	0.34
m-Xylene & p-Xylene	0.96		0.22	0.43

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: OA-B2-01

Lab Sample ID: 200-14440-14

Date Sampled: 01/03/2013 1540

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eeexc015.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/09/2013 0150			Final Weight/Volume:	500 mL
Prep Date:	01/09/2013 0150			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	0.16		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.014		0.010	0.010
Toluene	0.14		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.022		0.010	0.010
o-Xylene	0.024		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.060		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	0.52		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.075		0.054	0.054
Toluene	0.53		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.096		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	0.26		0.043	0.087

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: OA-B11-01

Lab Sample ID: 200-14440-15

Date Sampled: 01/03/2013 1553

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50490	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexc016.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/09/2013 0243			Final Weight/Volume:	500 mL
Prep Date:	01/09/2013 0243			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	0.24		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.016		0.010	0.010
Toluene	0.33		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.014		0.010	0.010
Ethylbenzene	0.063		0.010	0.010
o-Xylene	0.068		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.21		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	0.77		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.086		0.054	0.054
Toluene	1.2		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.095		0.068	0.068
Ethylbenzene	0.28		0.043	0.043
o-Xylene	0.29		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.90		0.043	0.087

Analytical Data

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-14440-1

Sdg Number: 200-14440

Client Sample ID: IA-DUPE

Lab Sample ID: 200-14440-16

Date Sampled: 01/03/2013 1614

Client Matrix: Air

Date Received: 01/04/2013 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-50555	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eexd011.d
Dilution:	2.99			Initial Weight/Volume:	167 mL
Analysis Date:	01/10/2013 2012			Final Weight/Volume:	500 mL
Prep Date:	01/10/2013 2012			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.060	U	0.060	0.060
1,1-Dichloroethene	0.031		0.030	0.030
trans-1,2-Dichloroethene	0.030	U	0.030	0.030
1,1-Dichloroethane	0.030	U	0.030	0.030
cis-1,2-Dichloroethene	0.27		0.030	0.030
1,1,1-Trichloroethane	0.080		0.030	0.030
Benzene	0.29		0.030	0.030
1,2-Dichloroethane	0.060	U	0.060	0.060
Trichloroethene	1.7		0.030	0.030
Toluene	0.39		0.030	0.030
1,1,2-Trichloroethane	0.030	U	0.030	0.030
Tetrachloroethene	0.030	U	0.030	0.030
Ethylbenzene	0.18		0.030	0.030
o-Xylene	0.26		0.030	0.030
1,1,2,2-Tetrachloroethane	0.030	U	0.030	0.030
m-Xylene & p-Xylene	0.71		0.030	0.060

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.15	U	0.15	0.15
1,1-Dichloroethene	0.12		0.12	0.12
trans-1,2-Dichloroethene	0.12	U	0.12	0.12
1,1-Dichloroethane	0.12	U	0.12	0.12
cis-1,2-Dichloroethene	1.1		0.12	0.12
1,1,1-Trichloroethane	0.43		0.16	0.16
Benzene	0.91		0.096	0.096
1,2-Dichloroethane	0.24	U	0.24	0.24
Trichloroethene	8.9		0.16	0.16
Toluene	1.5		0.11	0.11
1,1,2-Trichloroethane	0.16	U	0.16	0.16
Tetrachloroethene	0.20	U	0.20	0.20
Ethylbenzene	0.77		0.13	0.13
o-Xylene	1.1		0.13	0.13
1,1,2,2-Tetrachloroethane	0.21	U	0.21	0.21
m-Xylene & p-Xylene	3.1		0.13	0.26