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(908) 559-3691

June 13, 2013

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

Re: *March 2013 Indoor Air Sampling Report*

Dear Mr. Festa:

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

The next monitoring event is tentatively scheduled for the week of June 17, 2013.

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

Sincerely,

Pam M. Cox
Manager –Workplace Safety & Environmental Compliance

ATTACHMENTS
Attachment A – March 2013 Indoor Air Sampling Event Summary
Attachment B – Figures
Attachment C – Tables
Attachment D – Data Validation Report

CD:
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Attachment A
March 2013 Indoor Air Sampling Event Summary

In March 2013, indoor air samples were collected at the former Philips Display Components facility in Seneca Falls, New York (Figure 1). Indoor air samples are collected and analyzed quarterly to monitor the effectiveness of the following subslab depressurization (SSD) and ventilation systems:

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

These systems were installed to minimize volatile organic compound (VOC), primarily trichloroethene (TCE), concentrations in subslab vapor and indoor air. 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 March 28, 2013, twelve indoor, one duplicate, one crawl space, and two outdoor (ambient) air samples were collected. 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 March 2013 indoor air TCE concentrations ranged from 0.35 to 6.1 micrograms per cubic meter ($\mu g/m^3$), which was similar to the March 2012 concentration range (1.3 to 5.7 $\mu g/m^3$) and within the historical range (0.091 to 30 $\mu g/m^3$) during SSD system operation.

Building 9 Area

The Building 9 office indoor air TCE concentration (4.3 $\mu g/m^3$) was higher than the March 2012 TCE concentration (1.3 $\mu g/m^3$) but within the previous concentration range (0.12 to 30 $\mu g/m^3$). The Building 9 warehouse indoor air TCE concentration (6.1 $\mu g/m^3$) was higher than the March 2012 TCE concentration (2.3 $\mu g/m^3$) but within the previous concentration range (0.091 to 51 $\mu g/m^3$).

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

The Building 9 crawlspace air TCE concentration (14 $\mu g/m^3$) was the same as the March 2012 concentration and within the previous concentration range (2.8 to 210 $\mu g/m^3$) (Figure 7 and Table 1).

Building 11 Area

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

The March 2013 Building 11 Area indoor air TCE concentrations ranged from 0.35 to 2.2 $\mu g/m^3$, which was lower than the March 2012 concentrations (2.9 to 4.9 $\mu g/m^3$) and lower than the previous concentration range (0.70 to 30 $\mu g/m^3$) during SSD system operation. The following table summarizes the March 2012 and 2013 Building 11 Area indoor air TCE concentrations.

Building	March 2013 TCE Concentration in Indoor Air ($\mu g/m^3$)	March 2012 TCE Concentration in Indoor Air ($\mu g/m^3$)
11	1.4	4.9
11A	2.2	2.9
13	0.35	3.9
13A	1.0	3.2

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

Building 7 Area

The March 2013 TCE concentration in the Building 7 office area (4.6 $\mu g/m^3$) was higher than the March 2012 concentration (1.8 $\mu g/m^3$), but within the previous concentration range (0.82 to 18 $\mu g/m^3$) (Figure 9). The March 2013 warehouse indoor air TCE concentration (4.1 $\mu g/m^3$) was higher than the March 2012 concentration (1.6 $\mu g/m^3$), but within the previous concentration range (0.64 to 18 $\mu g/m^3$) during SSD system operation.

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 5.1 and 2.7 $\mu g/m^3$, respectively. The concentrations were lower than the Building 10 and 10A March 2012 TCE concentrations (5.2 and 5.7 $\mu g/m^3$, respectively).

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

Building 1A Area

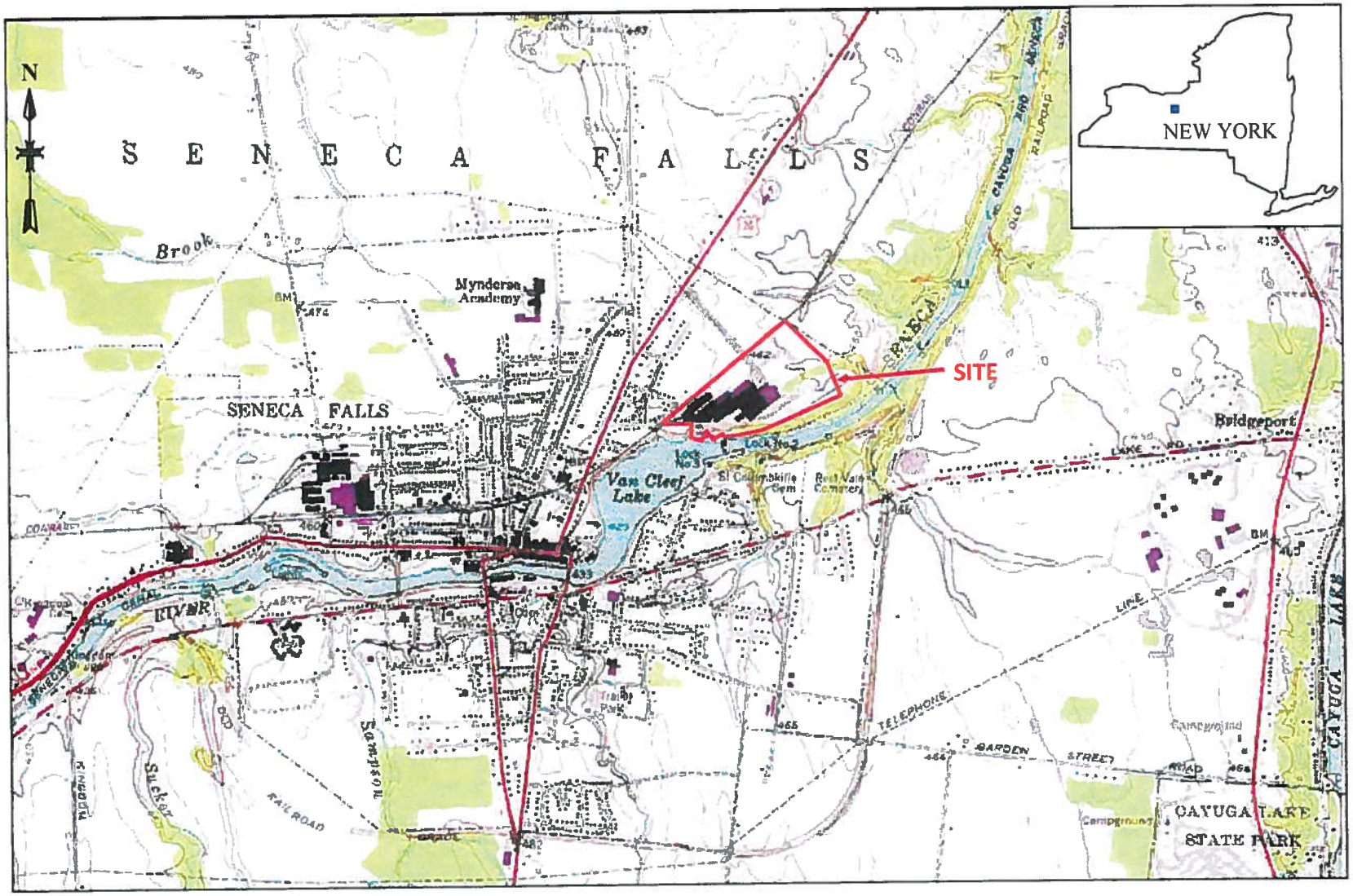
The Building 1A first floor indoor air TCE concentration (0.95 $\mu g/m^3$) was lower than the March 2012 concentration (1.3 $\mu g/m^3$) and was within the previous concentration range (0.059 to 27

$\mu g/m^3$). The Building 1A basement indoor air TCE concentration (estimated at 2.4 $\mu g/m^3$) was lower than the March 2012 concentration (11 $\mu g/m^3$), and within the previous concentration range (0.081 to 160 $\mu g/m^3$).

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 indoor air VOC concentrations. Options for depressurizing additional portions of the subslab are being evaluated.

Attachment B
Figures



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

APPROXIMATE SCALE IN MILES

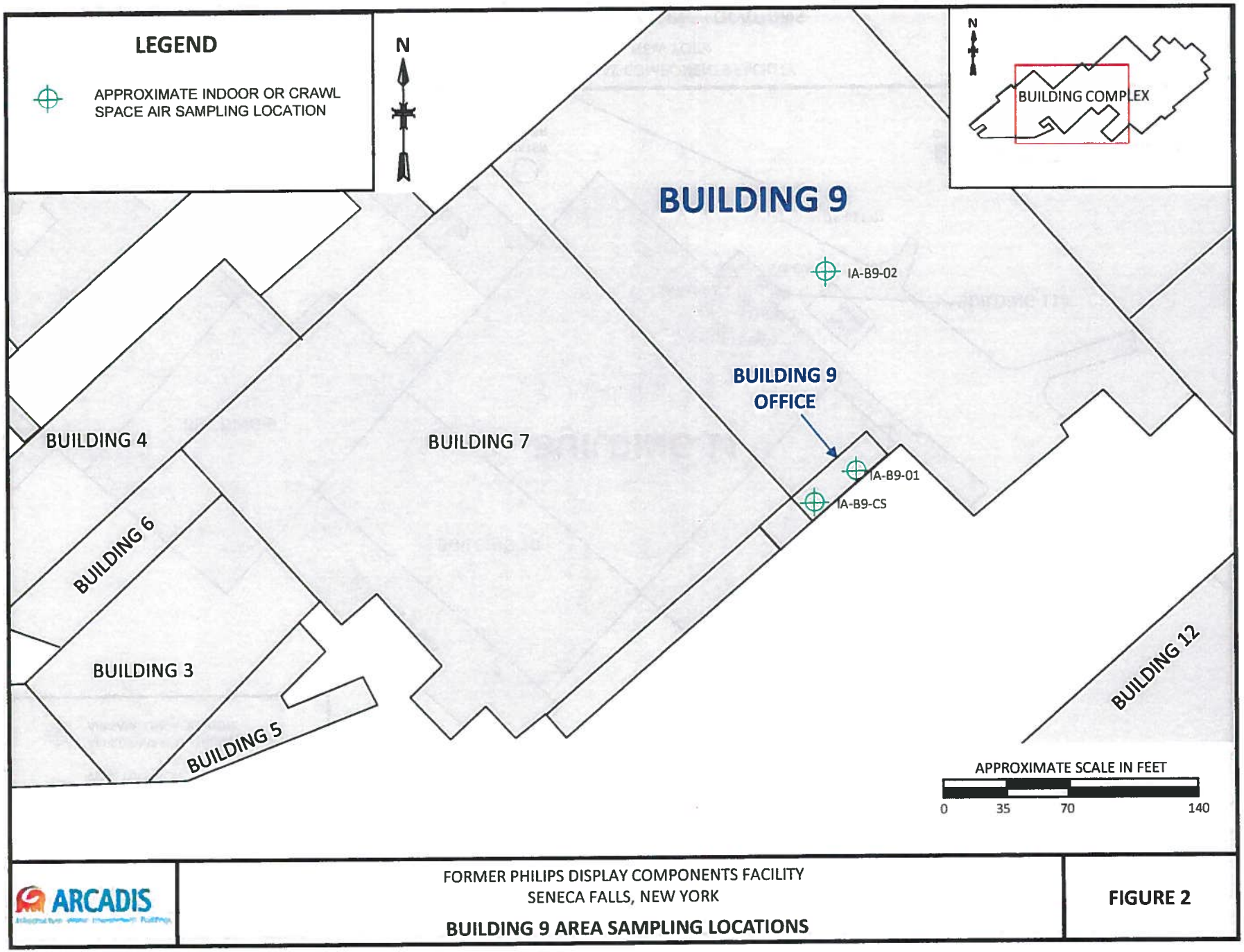
0 0.25 0.5 1

ARCADIS

FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

SITE LOCATION

FIGURE 1



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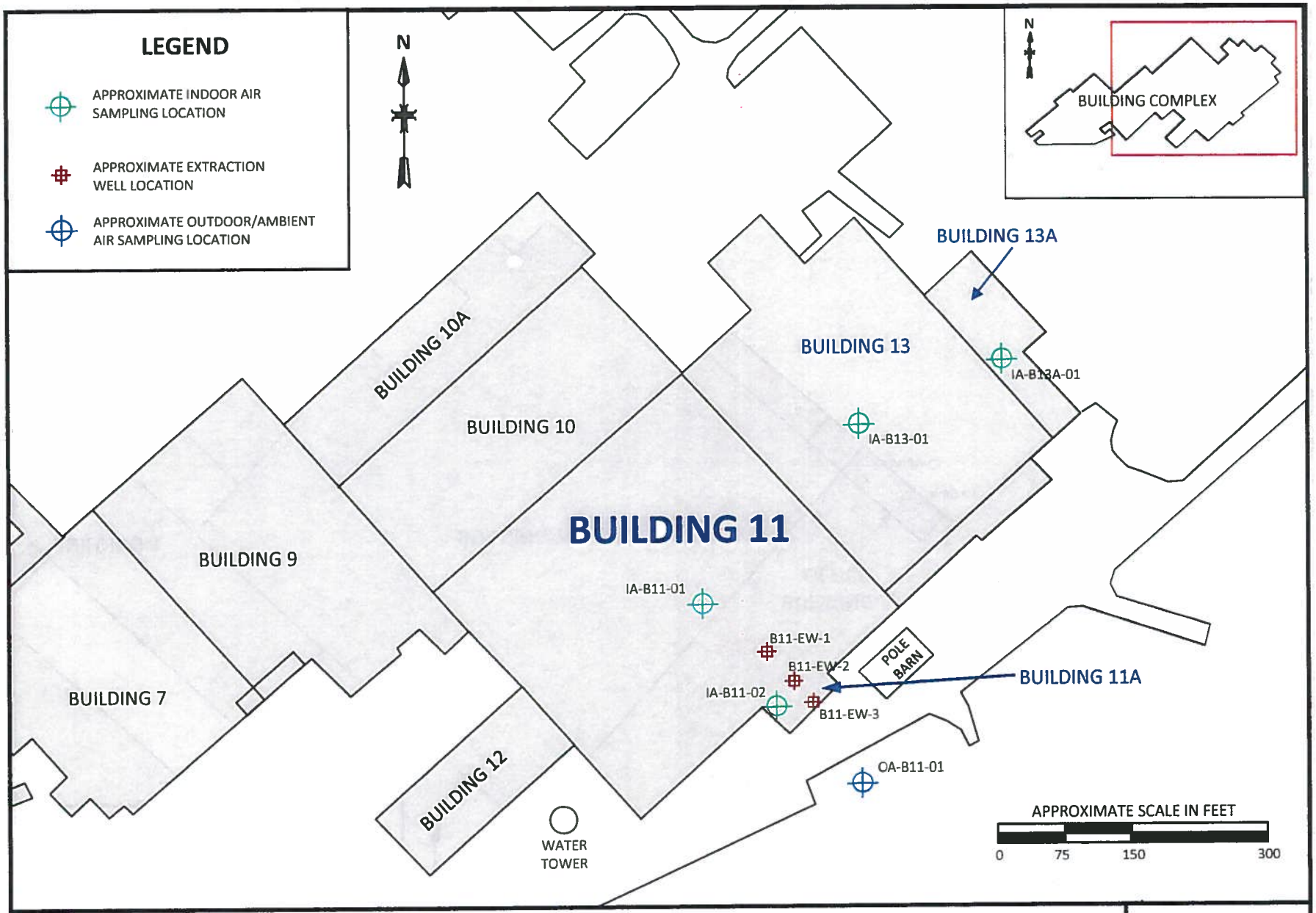
FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

BUILDING 9 AREA SAMPLING LOCATIONS

FIGURE 2

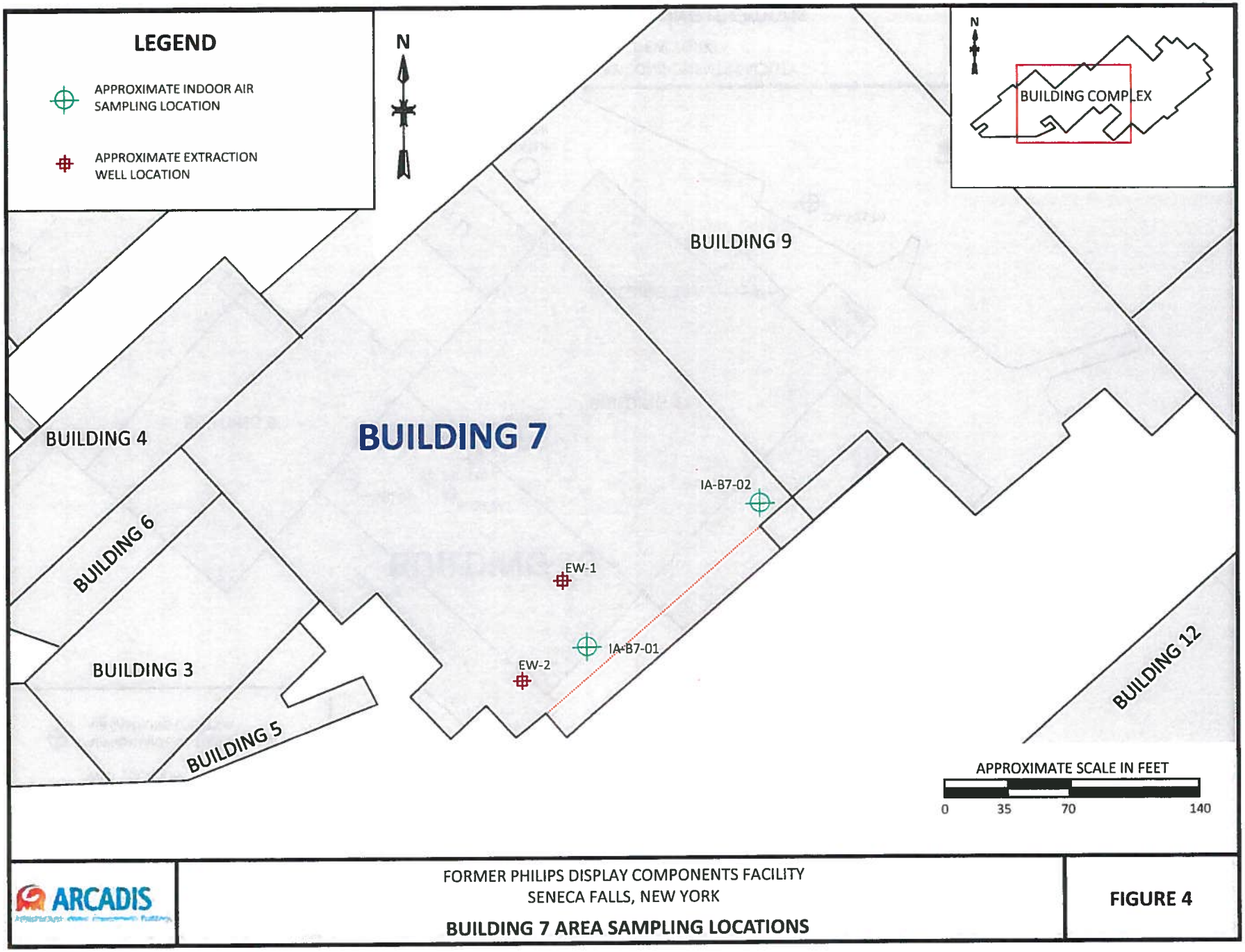


ARCADIS

FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

BUILDING 11 AREA SAMPLING LOCATIONS

FIGURE 3



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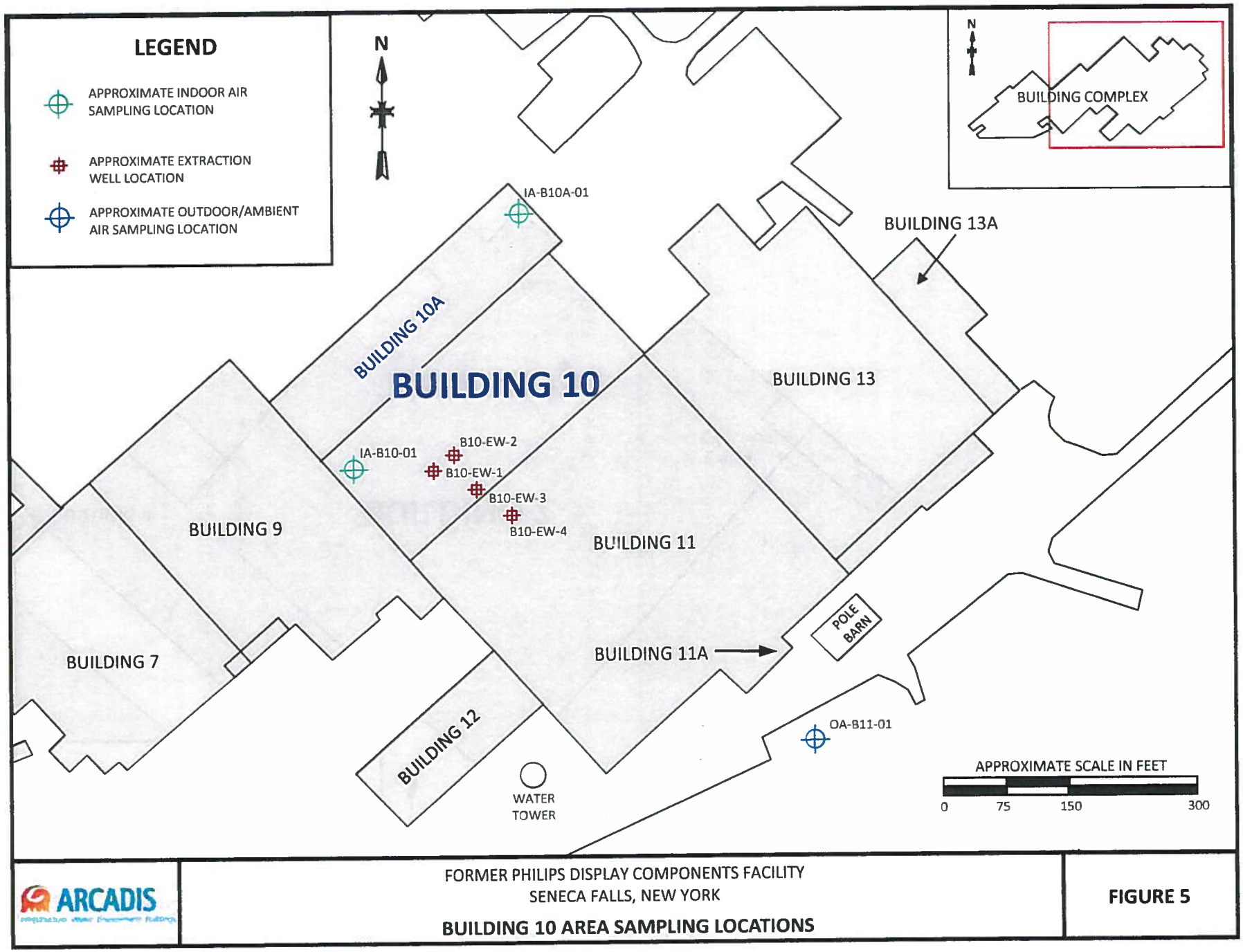
BUILDING 7 AREA SAMPLING LOCATIONS

FIGURE 4



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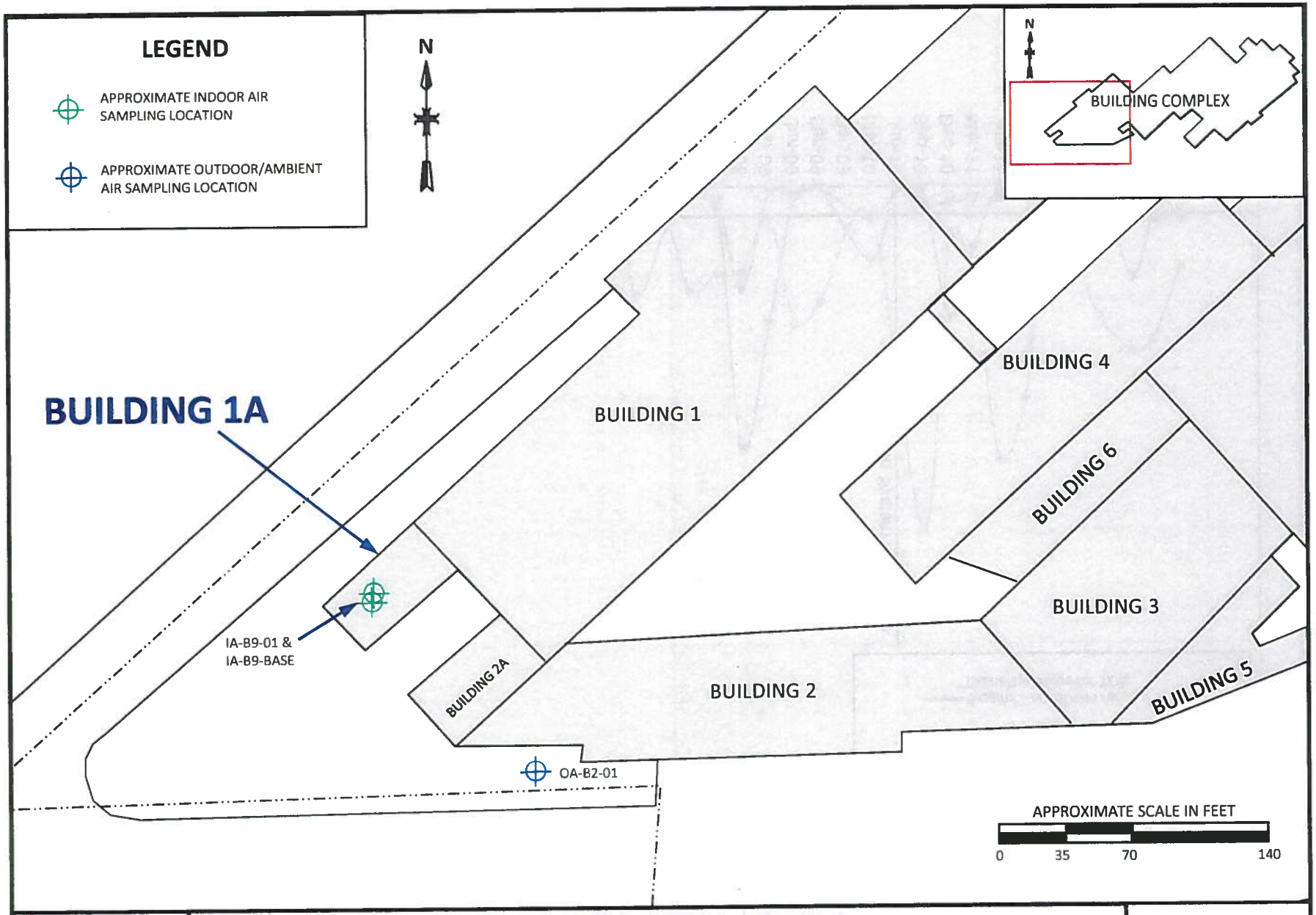
BUILDING 10 AREA SAMPLING LOCATIONS

FIGURE 5



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FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

BUILDING 1A AREA SAMPLING LOCATIONS

FIGURE 6

Figure 7: Building 9 Area TCE Concentrations

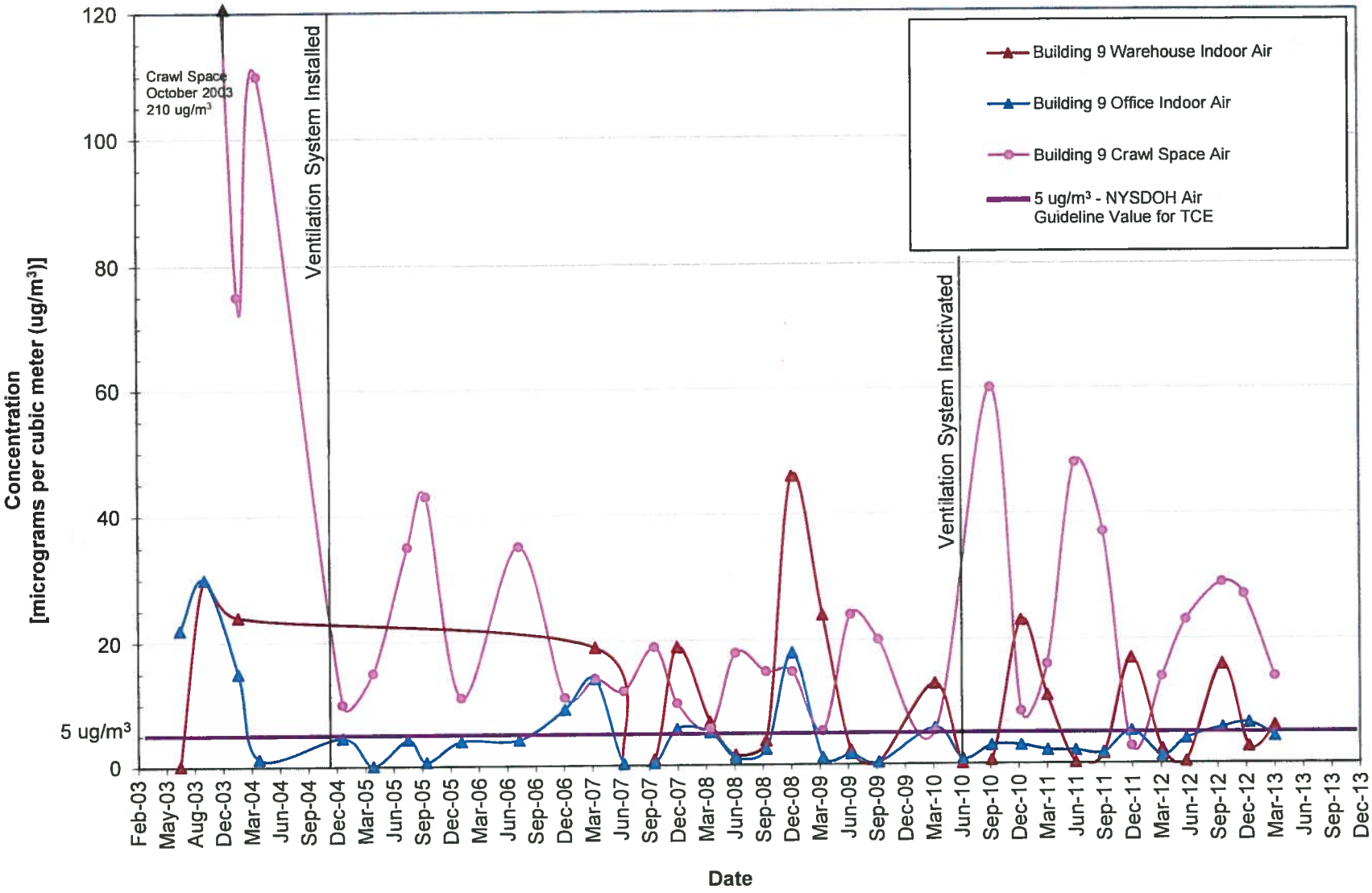


Figure 8: Building 11 Area TCE Concentrations

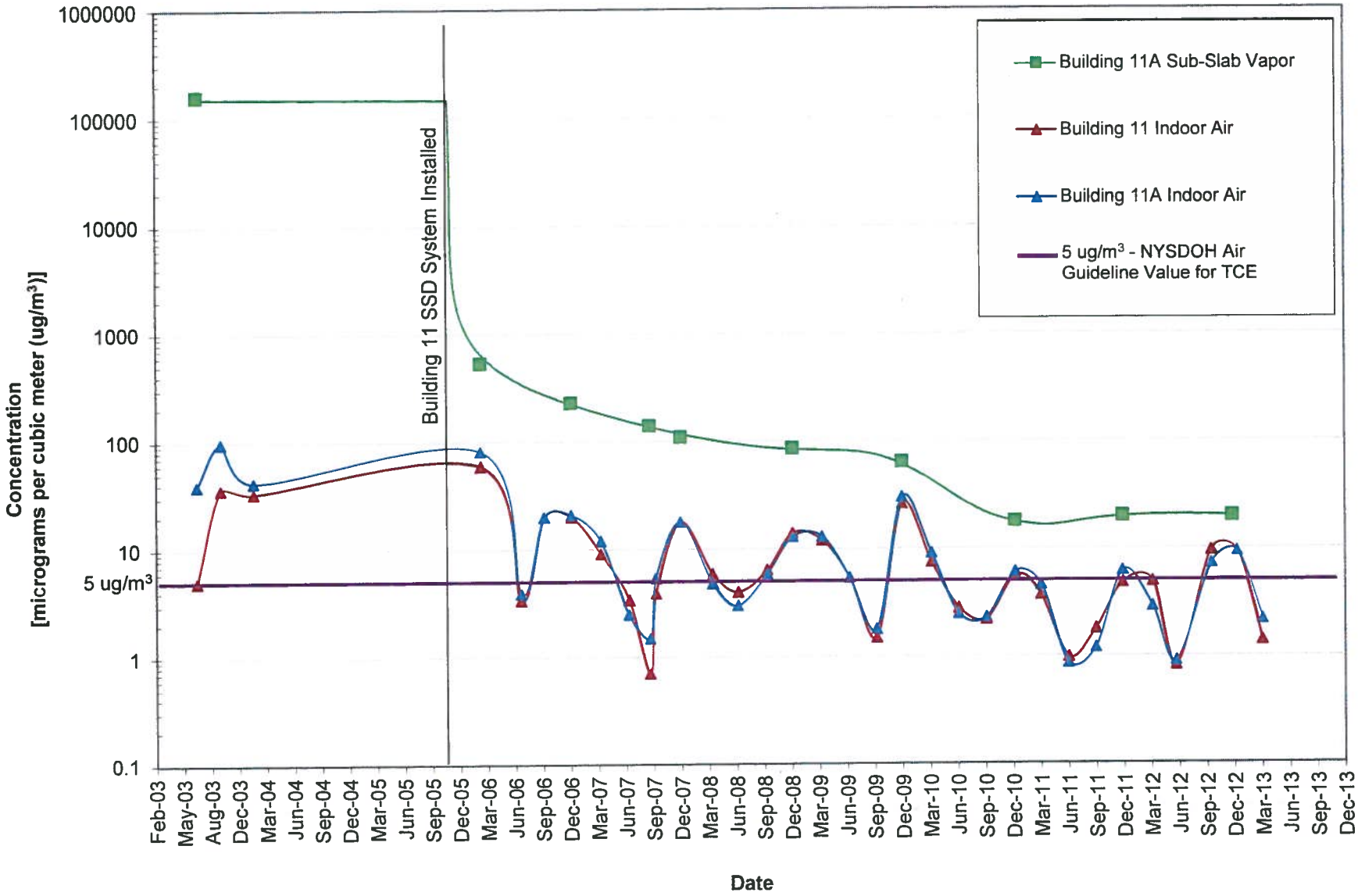


Figure 9: Building 7 Area TCE Concentrations

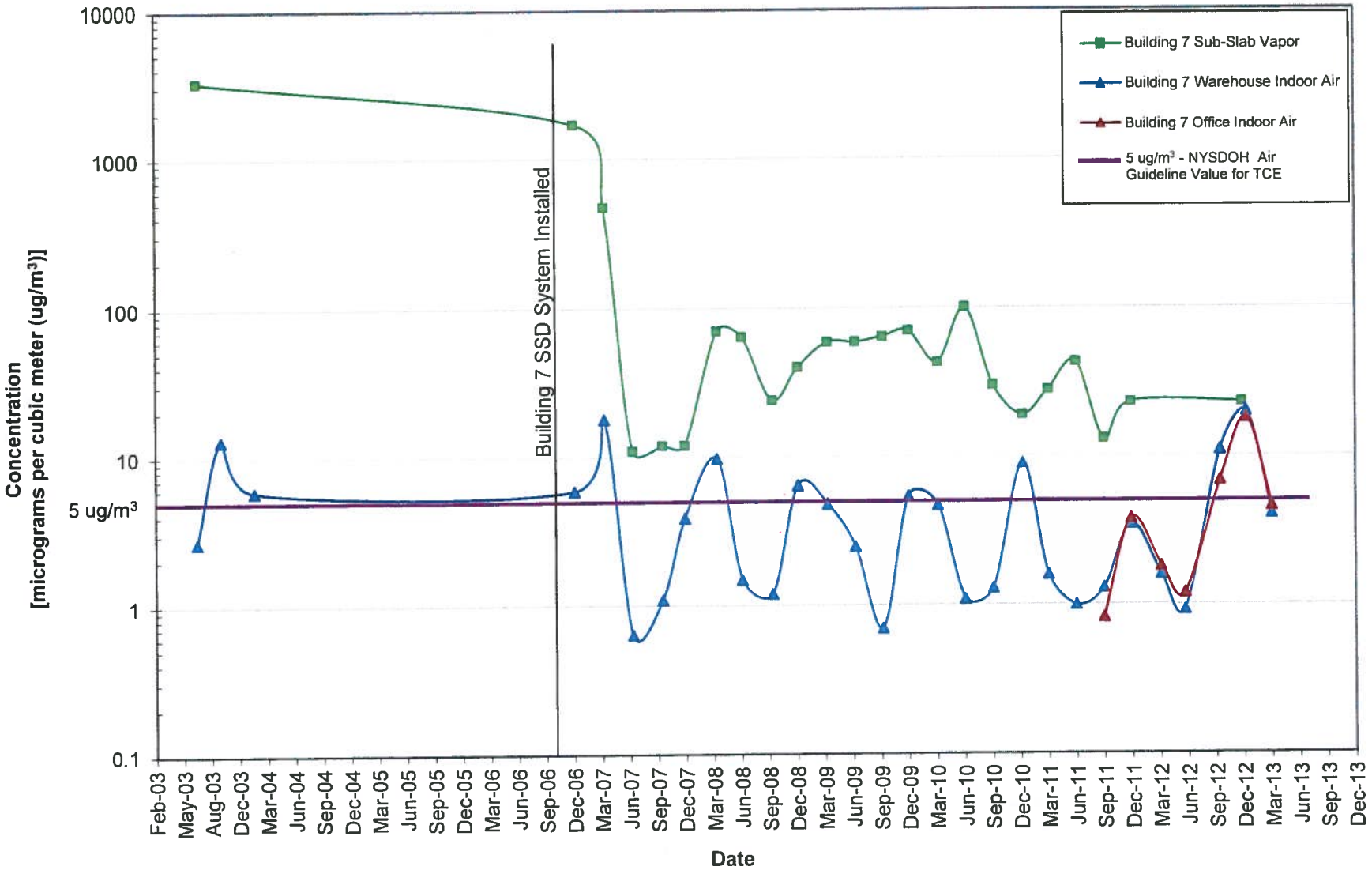


Figure 10: Building 10 Area TCE Concentrations

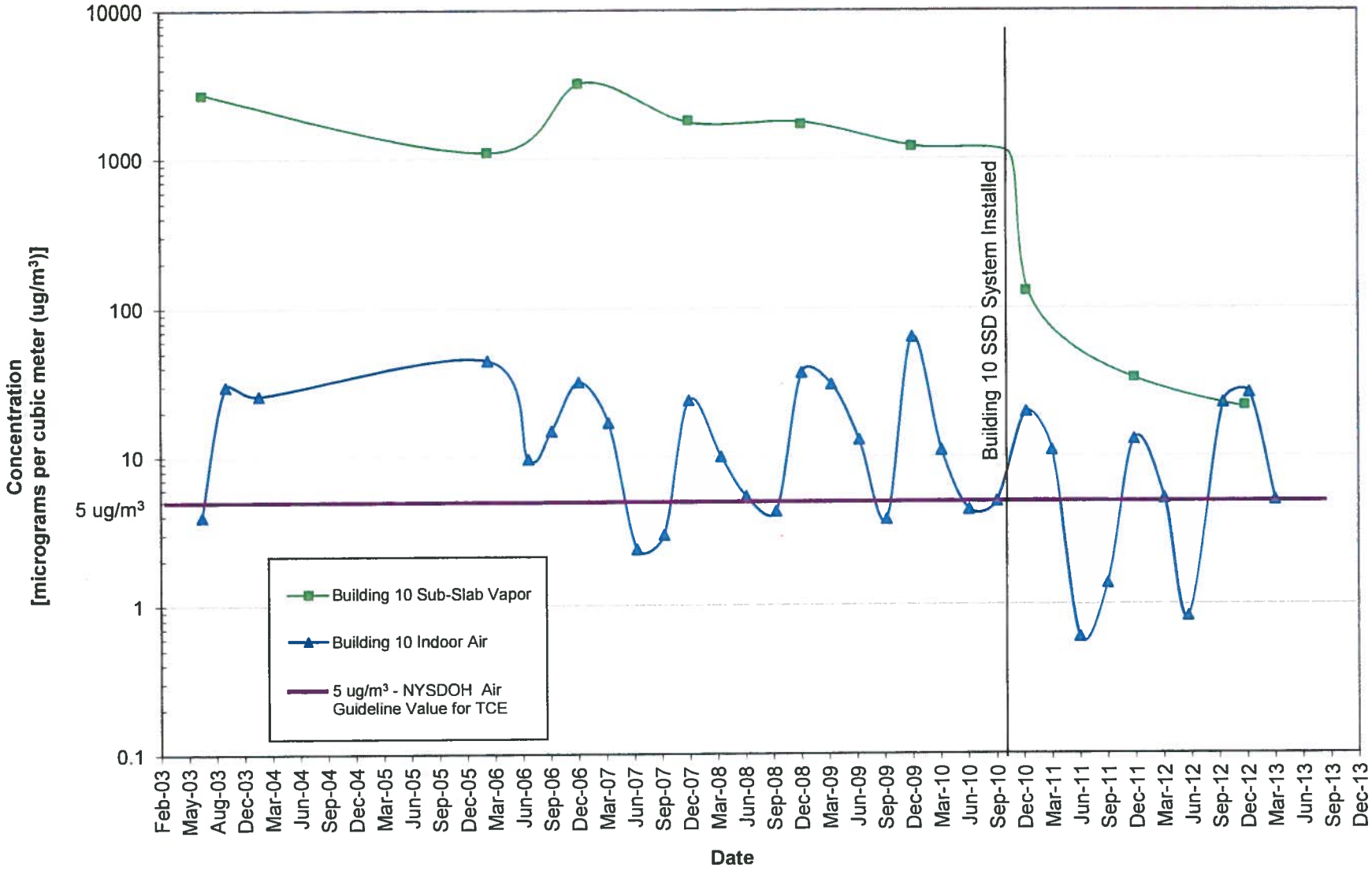
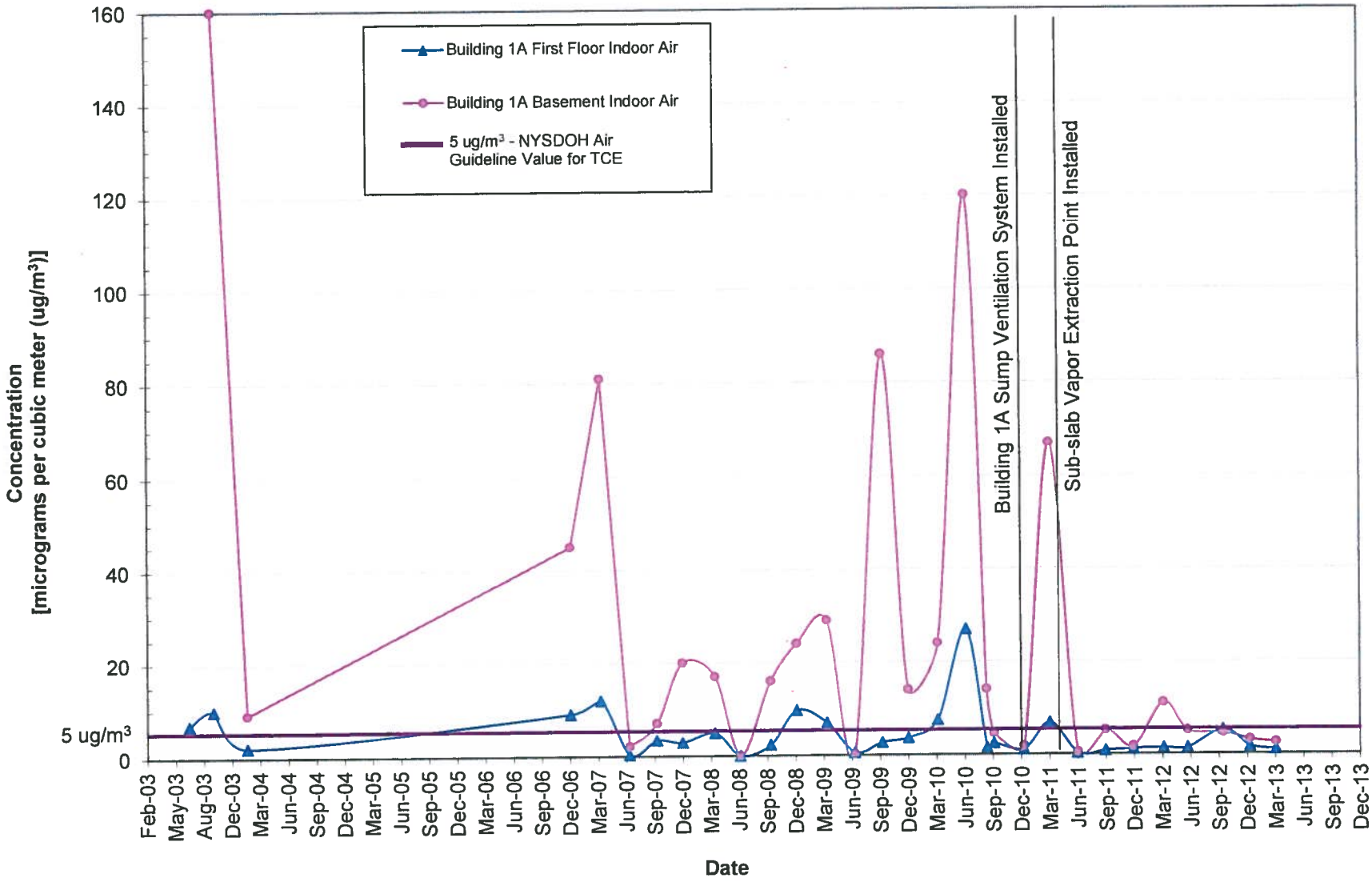


Figure 11: Building 1A Area TCE Concentrations



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	9/22/10	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	3/28/13
1,1,1-Trichloroethane	0.22	0.55 U	0.27 U	0.15 U	0.17	0.078	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	0.20	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	0.18 U	0.11 U	0.16 U	0.11 U	0.068 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.089 U	0.088 U	0.089 U	0.089 U	0.14 U	0.089 U	0.21 U	0.14 U	0.27 U	0.089 U	0.089 U	0.10 U	0.14 U	0.27 U	0.089 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	0.089 U	0.14 U	0.089 U	0.14 U	0.21 U	0.14 U	0.21 U	0.14 U	0.086 UJ
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	0.085 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	0.051 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	0.079 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	0.20 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	0.081 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	0.40 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	0.10 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	0.10 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	0.85	0.40	0.43	0.55	1.4	1.7	1.3	0.68	0.82	0.45
cis-1,2-Dichloroethene	0.22	0.87	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	0.14
Ethylbenzene	1.4	1.1	2.7	0.91	0.87	0.28	2.0	0.96	2.0	4.0	1.3	1.1	0.43	0.32	0.52	0.48	0.59	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	0.16
m-Xylene & p-Xylene	5	2.8	10	3.1	3.3	0.91	8.3	3.6	5.8	16.0	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	1.8	2.0	1.8	0.91	0.51	0.40 J
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	0.19 J
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	0.36 U	0.16	0.34 U	0.27 U	NS	1.1	0.20 U	0.14	0.10 U	0.088	0.16	0.10	0.90	5.90	1.2	0.20 U	0.14 U	0.065 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	0.86	6.5	8.0	5.5	1.7	1.7	1.0
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	0.050 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	8.5	4.3
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.026 U	0.026	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	0.064 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	3/28/13
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	-0.06	-0.04	-0.03	-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
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	0.18 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	0.58 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	0.089 U	0.088 U	0.089 U	0.089 U	0.089 U	0.089 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	0.89 U	0.69 U	0.089 U	0.34 UJ	0.55 U	0.69 U	0.41 U	0.41 UJ
1,1,2,2-Tetrachloroethane	NS	0.69 U	0.34 U	0.089 U	0.088 U	0.089 U	0.089 U	0.089 U	0.089 U	0.21 U	0.14 U	0.27 U	0.089 U	0.089 U	0.10 U	0.14 U	0.27 U	0.089 U	0.38 UJ	0.082 U	0.34 U	0.27 U	NS	0.34 U	NS	0.89 U	0.14 U	0.34 U	0.89 U	0.69 U	0.089 U	0.34 UJ	0.55 U	0.69 U	0.41 U	0.41 UJ
1,1,2-Trichloroethane	NS	0.56 U	0.27 U	0.056 U	0.056 U	0.055 U	0.055 U	0.055 U	0.055 U	0.22 U	0.11 U	0.22 U	0.055 U	0.055 U	0.082 U	0.11 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
1,1,2-Trichloroethane	NS	0.56 U	0.27 U	0.056 U	0.056 U	0.055 U	0.055 U	0.055 U	0.055 U	0.22 U	0.11 U	0.22 U	0.055 U	0.055 U	0.082 U	0.11 U	0.055 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	0.040 U	0.040 U	0.16 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	0.040 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	0.040 U	0.040 U	0.16 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	0.040 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	0.96 U
1,1-Dichloroethene	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 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	0.081 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
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	0.85 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	1.2	NS	0.99	0.480	0.45	0.39	1.7	0.22	0.68 J	0.80	0.49	0.83	0.33 NJ
Benzene	NS	0.64	1.6	1.7	1.7	0.51	0.98	0.98	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	0.89	0.12	0.20 U	0.42	0.40 U	0.13	0.20 UJ	0.32 U	0.40 U	0.29	0.48 U
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	0.61	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
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	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 UJ
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	0.50	0.43 U	0.043 U	0.87 J	0.35	0.43 U	0.26 U	0.96 UJ
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	0.58	0.68 U	0.41 U	0.41 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	0.82	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	0.23 U
Toluene	NS	1.3	7.2	9.8	4.1	0.90	4.5	3.0	8.4	18	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	4.8	2.5	0.091	5.8 J	2.2	0.76	0.67	0.23 U
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	36	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	14
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

Sample Description	BUILDING 9 WAREHOUSE INDOOR AIR																																			
Sample ID	IA-B9-W2																																			
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	3/28/13
1,1,1-Trichloroethane	0.15	0.55 U	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.49	0.055 U	0.080	0.33 U	0.14	0.10	0.11 U	0.55 U	0.43 U	0.43 U	0.085	0.87 U	0.22 U	0.055 U	0.068 U	0.34 U	0.11	0.055 U	0.36	0.22 U	0.22 U	0.27 U	0.43 U	0.23 U	0.16
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.34 U	0.089 U	0.089 U	0.41 U	0.14 U	0.089 U	0.14 U	0.69 UJ	0.54 U	0.54 U	0.089 U	1.1 U	0.27 U	0.089 U	0.086 U	0.43 U	0.14 U	0.089 U	0.069 U	0.069 U	0.27 U	0.27 U	0.34 U	0.55 U	0.29 U	0.14 UJ
1,1,2-Trichloroethane	0.10 U	0.56 U	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.27 U	0.055 U	0.055 U	0.33 U	0.11 U	0.055 U	0.11 U	0.56 U	0.43 U	0.43 U	0.055 U	0.87 U	0.22 U	0.055 U	0.068 U	0.34 U	0.11 U	0.055 U	0.055 U	0.22 U	0.22 U	0.27 U	0.43 U	0.23 U	0.11 U
1,1,2-Trichloroethane	0.10 U	0.56 U	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.27 U	0.055 U	0.055 U	0.33 U	0.11 U	0.055 U	0.11 U	0.56 U	0.43 U	0.43 U	0.055 U	0.87 U	0.22 U	0.055 U	0.068 U	0.34 U	0.11 U	0.055 U	0.055 U	0.22 U	0.22 U	0.27 U	0.43 U	0.23 U	0.081 U
1,1-Dichloroethane	0.080 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.079 U	0.040 U	0.079 U	0.40 U	0.31 U	0.31 U	0.040 U	0.63 U	0.16 U	0.040 U	0.050 U	0.25 U	0.079 U	0.040 U	0.50	0.16 U	0.16 U	0.20 U	0.31 U	0.17 U	0.32 U
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.079 U	0.040 U	0.079 U	0.40 U	0.31 U	0.31 U	0.040 U	0.63 U	0.16 U	0.040 U	0.050 U	0.25 U	0.079 U	0.040 U	0.50	0.16 U	0.16 U	0.20 U	0.31 U	0.17 U	0.32 U
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.40 U	0.081 U	0.081 U	0.49 U	0.16 U	0.081 U	0.16 U	0.81 U	0.65	0.65 U	0.081 U	1.3 U	0.32 U	0.081 U	0.10 U	0.51 U	0.16 U	0.081 U	0.081 U	0.32 U	0.32 U	0.40 U	0.64 U	0.34 U	0.16 U
1,2-Dichloroethane	0.068 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.40 U	0.081 U	0.081 U	0.49 U	0.16 U	0.081 U	0.16 U	0.81 U	0.65	0.65 U	0.081 U	1.3 U	0.32 U	0.081 U	0.10 U	0.51 U	0.16 U	0.081 U	0.081 U	0.32 U	0.32 U	0.40 U	0.64 U	0.34 U	0.16 U
Benzene	1.1	3.1	5.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.6	0.45	0.51	2.5	0.83	0.56	0.83	4.8	3.6 U	3.5	1.2	2.4	2.8	0.38	3.0	3.1	3.3	0.62	0.70	1.1	1.1	1.1	0.13 U	0.97
Benzene	1.1	3.1	5.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.6	0.45	0.51	2.5	0.83	0.56	0.83	4.8	3.6 U	3.5	1.2	2.4	2.8	0.38	3.0	3.1	3.3	0.62	0.70	1.1	1.1	1.1	0.13 U	0.97
cis-1,2-Dichloroethene	0.056 U	2.2	3.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.87	0.063 NJ	0.040 U	0.99	1.1	0.79	0.14	1.6 NJ	1.1	0.79	0.04 U	1.7	1.9	0.040 U	0.11	1.7	0.67	0.040 U	0.60	0.49	0.17	0.20 U	0.33 NJ	0.3	0.47
Ethylbenzene	0.35	0.65	1.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.6	1.4	0.43	2.4	0.17 U	2.8	1.7	6.9	3.3	12	1.2	2.9	5.6	0.48	2.2	2.0	3.6	0.98	1.2	0.17 U	3.8	1.1	1.6	0.35 U	0.81 J
m-Xylene & p-Xylene	0.93	1.7	65	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.1	0.37	0.15	0.87	0.087 U	0.91	0.56	2.7	1.2	4.0	0.40	1.0	1.9	0.21 J	0.72	0.76	1.2	0.35	0.42	0.17 U	1.3	0.43	0.78	0.18 U	0.35 J
o-Xylene	0.34	0.61	1.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.8	0.39	0.21	5.5	0.14	0.56	12	0.68 U	0.54 U	0.75	0.11	1.1 U	2.0	0.088	0.12	0.86	0.58	0.19	0.13	1.7	1.4	7.6	0.54 U	0.28 U	0.14 U
Tetrachloroethene	1.9	2.0	7.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.8	2.1	0.83	4.5	0.21	2.3	3.0	12	6.8	26	1.9	4.1	5.3	0.68	4.6	3.7	4.1	0.90	1.5	0.43	5.8	1.8	1.5	0.16 U	1.2
Toluene	2.1	2.4	9.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.8	2.1	0.83	4.5	0.21	2.3	3.0	12	6.8	26	1.9	4.1	5.3	0.68	4.6	3.7	4.1	0.90	1.5	0.43	5.8	1.8	1.5	0.16 U	1.2
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.079 U	0.040 U	0.079 U	0.40 U	0.31 U	0.31 U	0.04 U	0.63 U	0.16 U	0.040 U	0.050 U	0.25 U	0.079 U	0.040 U	0.040 U	0.16 U	0.16 U	0.20 U	0.31 U	0.17 U	0.079 U
Trichloroethene	0.22	30	24	NS	NS	NS	NS	NS	NS	NS	NS	NS	19	0.30	1.0	19	7.0	1.6	3.9	46	24	2.3	0.39	51	13	0.091	0.63	23	11	0.16	1.8	17	2.3	0.35	18	2.7	8.1
Vinyl chloride	0.020 U	0.26 U	0.19 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.26 U	0.051 U	0.051 U	0.31 U	0.10 U	0.051 U	0.1 U	0.51 U	0.41 U	0.41 U	0.051 U	0.82 U	0.20 U	0.051 U	0.084 U	0.32 U	0.10 U	0.051 U	0.051 U	0.20 U	0.20 U	0.26 U	0.41 U	0.21 U	0.10 U

Notes:

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

U - Not detected above reporting limit

E - Estimated

NA - Not Applicable

NJ - Tentative in identification and estimated

NS - Not Sampled

* - This differential pressure was maintained during the sampling event, but the ventilation system operated intermittently and was inoperable for one week prior to the sampling event.

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	3/28/13
1,1,1-Trichloroethane	0.29	2.0	0.65	0.85	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	0.15
1,1,2,2-Tetrachloroethene	0.14 U	0.69 U	0.51 U	0.089 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	0.069 UJ
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	0.055 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	0.040 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	0.068 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	0.16 U
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	0.081 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	0.74
cis-1,2-Dichloroethene	0.55	4.8	2.5	1.8	0.91	0.83 NJ	1.8	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	0.85	0.75	0.59	0.66	1.1	0.47
Ethylbenzene	1.4	1.0	3.0	1.9	1.8	0.74	2.8	1.1	0.69	0.52	0.30	1.0	0.91	1.80	0.19	1.1	3.2	3.8	0.96	1.5	2.7	1.1	0.83	0.83	1.1	1.5	1	1.2	3.6	4.4	0.75	0.60	0.55
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	1.3 J
o-Xylene	1.2	1.0	2.9	2.8	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	0.53 J
Tetrachloroethene	7.8	6.8	4.7	6.6	14	6.0	6.4	3.5	7.5	1.8	0.75	6.8	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	0.068
Toluene	12	11	8.0	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	2.8	2.7	4.5	2	1.9	5.4	4.6	0.82	1.1	0.87
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	0.068 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	0.040 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	1.4
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	0.051 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	3/28/13
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	0.21
1,1,2,2-Tetrachloroethene	0.14 U	0.69 U	0.34 U	0.089 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	0.069 UJ
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	0.055 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	0.061 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	0.040 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	0.16 U
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	0.081 U	0.085 NJ	0.16 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	0.081 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	1.8	2.8	2.4	0.8	1.1	1.4	1.4	2.5	1.1	0.92	0.85
cis-1,2-Dichloroethene	1.8	5.8	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	0.70 NJ
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	0.65
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	2.8	5.2	6	3.2	5.7 J	8.3	4.0	3.0	3.3	2.3 J
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	0.99 J
Tetrachloroethene	18	8.1	5.4	14 J	14	6.8	6.8	4.5	5.6	3	1.3	8.6	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	0.36	3.6 J	1.7	1.5	0.27 U	0.18 U	0.081
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	6.5	9.0	11	3.2	8.0	6.6	3.8 U	4.8	3.3	3.3	2.7	1.3	2.4 J	4.8	4.6	0.99	1.3	1.2
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	0.058 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	0.040 U
Trichloroethene	39	97	42	81	39	20	21	12	2.5	1.5	5.4	18	4.8	3.0	5.9	13	13	5.4	1.8	30	9.1	2.5	2.3	6.1	4.8	0.86	1.2	6.2	2.9	0.90	7.2	9.3	2.2
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.072 J	0.15 U	0.26 U	0.20 U	0.15 U	0.074 U	0.051 U	0.077 U	0.26 U	0.15 U	0.15 U	0.077 U	0.20 U	0.17 U	0.31 U	0.077 U	0.46 U	0.10 U	0.051 U	0.10 U	0.77 U	0.10 U	0.05 U	0.05 U	0.077 U	0.13 U	0.26 U	0.20 U	0.14 U	0.051 U

Sample Description	BUILDING 11A SUB-SLAB VAPOR																														
Sample ID	SVSS-B11-01																														
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	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	8/22/10	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	3/28/13
1,1,1-Trichloroethane	1900 U	NS	NS	11 U	NS	NS	1.6 U	NS	NS	1.1 U	1.6 U	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
1,1,2,2-Tetrachloroethane	2400 U	NS	NS	14 U	NS	NS	2.1 U	NS	NS	1.4 U	2.1 U	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
1,1,2-Trichloroethane	1900 U	NS	NS	11 U	NS	NS	1.6 U	NS	NS	1.1 U	1.6 U	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
1,1-Dichloroethane	1400 U	NS	NS	8.1 U	NS	NS	1.2 U	NS	NS	0.81 U	1.2 U	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
1,1-Dichloroethene	1400 U	NS	NS	7.9 U	NS	NS	1.2 U	NS	NS	0.79 U	1.2 U	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
1,2-Dichloroethane	1400 U	NS	NS	8.1 U	NS	NS	1.2 U	NS	NS	0.81 U	1.2 U	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
Benzene	1100 U	NS	NS	6.4 U	NS	NS	0.96 U	NS	NS	0.64 U	0.96 U	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	2.2	NS	NS	NS	0.64	NS	NS	NS	1.3 J	NS
cis-1,2-Dichloroethene	2600	NS	NS	11	NS	NS	12	NS	NS	6.7	17	10	NS	NS	NS	11	NS	NS	NS	5.2	NS	NS	NS	2.2	NS	NS	NS	1.7	NS	NS	NS	2.2 J	NS
Ethylbenzene	1500 U	NS	NS	8.7 U	NS	NS	1.3 U	NS	NS	0.87 U	1.3 U	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87	NS	NS	NS	0.87 U	NS	NS	NS	0.87 UJ	NS
m,p-Xylene	1500 U	NS	NS	22 U	NS	NS	3.3 U	NS	NS	2.2 U	3.3 U	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2	NS	NS	NS	2.2 U	NS	NS	NS	2.2 UJ	NS
o-Xylene	1800 U	NS	NS	8.7 U	NS	NS	1.3 U	NS	NS	0.87 U	1.3 U	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 UJ	NS
Tetrachloroethene	3700	NS	NS	31	NS	NS	18	NS	NS	16	20	12	NS	NS	NS	6.1	NS	NS	NS	5.6	NS	NS	NS	2.5	NS	NS	NS	4.3	NS	NS	NS	2.8	NS
Toluene	1300 U	NS	NS	7.5 U	NS	NS	3.4 J	NS	NS	0.75 U	1.1 U	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	3.8	NS	NS	NS	1.3	NS	NS	NS	1.4 J	NS
trans-1,2-Dichloroethene	1400 U	NS	NS	7.9 U	NS	NS	1.2 U	NS	NS	0.79 U	1.2 U	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
Trichloroethene	160000	NS	NS	540	NS	NS	230	NS	NS	140	240	110	NS	NS	NS	86	NS	NS	NS	64	NS	NS	NS	18	NS	NS	NS	20	NS	NS	NS	20	NS
Vinyl chloride	900 U	NS	NS	5.1 U	NS	NS	0.77 U	NS	NS	0.51 U	0.77 U	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

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$).
U - Not detected above reporting limit
J - Estimated
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 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	8/14/12	10/9/12	1/3/13	3/28/13
1,1,1-Trichloroethane	0.55	2.8	1.0	1.0	0.22 U	1.8	1.1	0.82	0.38	0.45	0.67 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	0.24
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.14 U	0.089 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	0.089 U	0.089 U	0.14 U	0.27 UJ	0.14 U	0.089 U	0.10 U	0.089 U	0.089 U	0.34 U	0.34 U	0.14 U	0.089 U	0.089 UJ
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	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	0.06 U	0.040 U	0.040 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	0.078 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	0.049 NJ
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	0.081 U	0.081 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	0.88	0.56	0.14
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	0.48	0.30	0.042 J
Ethylbenzene	2.4	0.89	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	0.043 U
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	0.087 UJ
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	0.16 UJ
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	0.068 U
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	0.038 U
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	0.079 U	0.040 U	0.040 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	0.35
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	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	8/14/12	10/9/12	12/19/12	3/28/13
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	NS
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	NS
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	NS
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	NS
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	NS
1,2-Dichloroethene	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	NS
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	NS
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	0.79 U	NS
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	0.87 U	NS
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	NS
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	0.87 U	NS
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	2.8	NS	NS	NS	6.8 U	NS	NS	NS	4.2	NS
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	2.0	NS
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	NS
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	NS
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	NS

Notes:

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

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	3/28/13
1,1,1-Trichloroethane	0.58	1.9	1.0	0.83	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	0.34
1,1,2,2-Tetrachloroethane	0.14 U	0.089 U	0.21 U	0.089 U	0.22 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	0.089 U	0.14 UJ	0.10 U	0.17 U	0.14 U	0.089 U	0.089 U	0.10 U	0.17 U	0.089 U	0.089 U	0.14 U	0.089 U	0.089 U	0.34 U	0.34 U	0.089 U	0.089 U	0.089 UJ
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	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	0.040 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	0.066 J
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	0.087
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	0.55
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	0.17
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	2.6	1.4	0.26	0.47	1.8	1.4	1.2	5.8	9.6	0.89	0.45	0.68
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	8.5	5.4	2.7	2.5	3.1	2.5	1.8	0.75 J
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	0.30 J
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	0.068 U
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	0.62
trans-1,2-Dichloroethene	0.058 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	0.040 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	1.0
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	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	3/28/13
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$).
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	3/28/13
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	0.11
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	0.097 UJ
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	0.077 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	0.057 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	0.22 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	0.16
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	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	0.46
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	0.48
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	1.3 J
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	0.52 J
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	0.15
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	2.3
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	0.056 U
Trichloroethene	2.7	13	5.9	5.9	18	0.64	1.1	3.9	9.7	1.5	1.2 J	5.4	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	4.1
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	0.073 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	3/28/13
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	0.64 U	0.67	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	NS
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	NS
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	NS
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	2.2 U	1.7 U	1.7 U	2.2 U	2.2 U	2.7	10	2.2 UJ	NS	NS	NS	2.2 U	NS
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	NS
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	5.8	NS
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	0.94	1.7	15	0.75 UJ	NS	NS	NS	0.80	NS
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	NS
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	NS
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	NS

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	3/28/13
1,1,1-Trichloroethane																							0.055 U	0.22 U	0.16 U	0.11 U	0.22 U	0.27 U	0.11 U
1,1,2,2-Tetrachloroethane																							0.069 U	0.27 U	0.21 UJ	0.14 U	0.27 U	0.34 U	0.14 UJ
1,1,2-Trichloroethane																							0.055 U	0.22 U	0.16 UJ	0.11 U	0.22 U	0.27 U	0.11 U
1,1-Dichloroethane																							0.04 U	0.16 U	0.12 UJ	0.081 U	0.16 UJ	0.20 U	0.081 U
1,1-Dichloroethene																							0.04 U	0.16 U	0.12 U	0.079 U	0.16 U	0.20 U	0.32 U
1,2-Dichloroethane																							0.081 U	0.32 U	0.49	1.3	0.43	0.40 U	0.44
Benzene																							0.36	1.5	3.0	1.8	0.80	0.92	0.82
cis-1,2-Dichloroethene																							0.04 U	0.17	0.12 U	0.19 NJ	0.16 U	0.47	0.36
Ethylbenzene																							0.21	0.57	1.5	3.9	0.37	0.35	0.83
m-Xylene & p-Xylene																							0.83	1.7	3.9	9.7	0.94	0.96	1.0 J
o-Xylene																							0.21	0.62	1.4	3.3	0.35	0.38	0.54 NJ
Tetrachloroethene																							0.068 U	2.0	9.5	2.6	0.27 U	0.34 U	0.14 U
Toluene																							1.4	14	6.3	6.7	1.5	2.1	2.0
trans-1,2-Dichloroethene																							0.04 U	0.16 U	0.12 U	0.079 U	0.16 U	0.20 U	0.079 U
Trichloroethene																							0.82	3.8	1.8	1.2	6.8	18	4.6
Vinyl chloride																							0.051 U	0.20 U	0.15 U	0.10 U	0.20 U	0.26 U	0.10 U

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$)
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 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	3/28/13
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	0.16
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	0.068 UJ
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	0.068 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	0.051 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	0.78 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	0.20 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	0.10 U
Benzene	0.90	3.1	3.5	3.8	3.2	2.2	7.0	6.4	0.67	0.58	2.8	2.8	0.77	0.70	4.2	4.2	4.5	1.4	3.2	2.5	1.2	1.7	4.1	2.8	1.3	0.84	1.7	2.8	1.5	1.5	0.90	0.86
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	0.84	1.3	0.70	0.81	0.81	1.6	0.72
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	0.89	1.4	2.1	0.83	0.89	0.72	1.1	0.74	0.61	0.93	1.9	1.6	0.48	0.32 U	0.47
m,p-Xylene	1.8	2.8	29	4.3	6.1	2.0	6.9	3.5	1.3	0.81	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	0.77 J
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	0.33 J
Tetrachloroethene	6.4	52	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	0.085 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	2.8	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	1.0
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	0.78 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	0.050 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	5.1
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	0.064 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	3/28/13
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	NS
1,1,2,2-Tetrachloroethane	32 U	NS	NS	14 U	NS	NS	21 U	NS	NS	NS	14 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	NS
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	NS
1,1-Dichloroethane	18 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	NS
1,1-Dichloroethene	18 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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	NS
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	1.4 U	NS	NS	NS	1.4 UJ	NS	NS	NS	1.4 U	NS
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	3.6	NS	NS	NS	6.5 J	NS	NS	NS	1.4 U	NS
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	3.7	NS	NS	NS	1.3 J	NS	NS	NS	0.75 U	NS
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	NS
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	NS

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$).
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	2/14/05	8/28/06	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	3/28/13
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	0.22
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	0.069 UJ
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	0.055 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	0.040 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	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	0.082 NJ
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	0.97
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	1.3
Ethylbenzene	2.1	0.85	2.3	1.3	2.3	0.89	2.8	0.78	0.52	0.42	0.76	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	0.81	0.98	2.3	0.77	0.38	0.37	0.57
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	8.1	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	1.1 J
o-Xylene	2.7	0.74	2.4	1.8	3.6	0.78	2.5	1.0	0.56	0.48	0.89	1.1	1.8	0.65	1.9	3.0	5.2	1.2	1.6	3.6	1.8 J	1.1	1.2	1.2	0.93	0.76	1.2	1.7	0.25	0.37	0.46	0.48 J
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	0.23
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	5.8	1.4	0.76	1.3	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	0.040 U
Trichloroethene	4.5	12	19	32	9.1	7.0	32	15	3.0	4.8	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	2.7
Vinyl chloride	0.020 U	0.13 U	0.10 NJ	0.068 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	0.051 U

Building Number	BUILDING 10A SUB-SLAB VAPOR																														
Sample ID	SVSS-B10A-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/05	8/28/06	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	3/28/13
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	NS
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	1.1 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
1,1,2-Trichloroethane	2.3 U	NS	NS	11 U	NS	NS	1.1 U	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	NS
1,1-Dichloroethane	2.5	NS	NS	8.1 U	NS	NS	2.1	NS	NS	NS	0.81 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
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	0.81 U	NS
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	1.6	NS
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	0.79 U	NS
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	NS
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	NS
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	NS
o-Xylene	2 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.9 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	NS
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	NS
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	NS
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	NS
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	NS
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	NS

Notes:

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

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	8/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13	3/26/13
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	0.26	0.055 U	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	0.069 UJ
1,1,2-Trichloroethane	0.11 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	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	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	0.16 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	0.081 U
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	0.93
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	0.080 U
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	0.12
m-Xylene & p-Xylene	12	2.6	1.7	6.1	2.8	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	0.29 J
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	0.10 NJ
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	0.071
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	1.1
trans-1,2-Dichloroethene	0.08 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	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	0.95
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	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	8/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12	1/3/13	3/26/13
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	0.22 UJ
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	0.27 UJ
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	0.22 UJ
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	0.16 UJ
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	0.64 UJ
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	0.32 UJ
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	0.98	4.4	0.28	0.55	0.49	0.47	0.73	0.28	0.74	1.1 J
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	0.32 UJ
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	0.85 U	0.32	0.35	0.43	0.18	0.48	0.11	0.19	0.23 NJ
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	0.56 NJ
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	0.85 U	0.39	0.19	0.79	0.20	0.52	0.13	0.23	0.64 UJ
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	0.29 J
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	0.89	0.80	4.40 J
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	0.16 UJ
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	2.4 J
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	0.20 UJ

Notes:

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

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	3/28/13
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	0.055 U	0.14 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	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	0.069 U	0.14 U	0.055 U	0.055 U	0.055 U	0.055 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	0.055 U	0.14 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	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	0.040 U	0.099 U	0.040 U	0.040 U	0.040 U	0.16 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	0.058 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	0.099 U	0.040 U	0.040 U	0.040 U	0.081 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	0.081 U	0.20 U	0.081 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	0.35
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	0.040 U	0.099 U	0.040 U	0.040 U	0.040 U	0.080 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	0.089	0.29	0.11	0.084	0.32	0.085	0.052	0.50	0.19	0.043 U	0.096	0.059 U
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	0.150 J
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	0.16 UJ
Tetrachloroethene	0.30	0.068 U	0.075	0.068	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	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	0.85	0.48	3.3	0.82	0.47	4.7	0.59	0.35	0.53	0.27
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	0.040 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	0.054 U
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	0.051 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	3/28/13
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	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	0.069 UJ
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	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	0.16 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	0.081 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	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	0.37
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	0.080 U
Ethylbenzene	0.16	0.091	0.15	0.10	0.081	0.091	0.15	0.19	0.085	0.12	0.096	0.16	0.16	0.23	0.14	0.085	0.15	0.16	0.19	0.28	0.081	0.10	0.22	0.043 U	0.11	0.32	0.086	0.280	0.073 NJ
m,p-Xylene	0.32	0.26	0.34	0.29	0.16	0.22	0.43	0.56	0.20	0.36	0.24	0.48	0.41	0.89	0.43	0.18	0.43	0.48	0.48	0.72	0.18	0.30	0.68	0.043 U	0.31	0.46	0.24	0.90	0.16 J
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	0.16 UJ
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	0.18	0.068 U	0.068 U	0.11	0.068 U	0.095	0.068 U
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	0.24
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	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	0.058	1.2	0.19	0.086	0.085
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	0.051 U

Notes:

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

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

May 18, 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
TestAmerica-VT SDG No. 200-15764-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on March 28, 2013 at the Seneca Falls, NY site. Fifteen 6-L summa canisters and a field duplicate were analyzed for sixteen site-specific volatile analytes using USEPA method TO-15.

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

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

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

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

The client and laboratory sample identifications and the laboratory case narrative are attached to this text, and should be reviewed in conjunction with this report. Also attached are the laboratory sample result forms, qualified with the validation qualifiers noted below.

Chain-of-Custody

A transcription error regarding a flow controller ID was observed and resolved at sample receipt.

IA-B1A-BASE was received at ambient pressure. Therefore, results for that sample have been qualified as estimated in value.

Volatile Analyses by EPA TO-15

The responses of three of the target analytes in the lowest concentration calibration standard were poor, showing low signal/noise ratios and requiring manual intervention. Consequently, there is a loss of confidence in the potential detection at the reported limits. The reporting limits of 1,1-dichloroethene and o-xylene have been edited upward by fourfold, and that for cis-1,2-dichloroethene upward by twofold, to reflect the concentrations with acceptable responses. Detections of the affected compounds below those levels have been qualified as estimated in value.

The following detected results are qualified as tentative in identification and estimated in value due to interferences in the mass spectra:

- ethylbenzene in OA-B11-01
- o-xylene in IA-B7-02 and IA-B1A-01
- benzene in IA-B9-CS
- 1,2-dichloroethane in IA-B10A-01
- cis-1,2-dichloroethene in IA-B11-02
- 1,1-dichloroethene in IA-B13-01
- m,p-xylene and ethylbenzene in IA-B1A-BASE

The following detected results are edited to non-detection due to very poor mass spectral quality:

- o-xylene in OA-B11-01 and I-B1A-BASE
- ethylbenzene in OA-B2-01
- cis-1,2-dichloroethene in IA-B1A-01

IA-B13-01 shows outlying elevated internal standard responses on repeated analysis. The reanalysis is used; the affected associated compound is already qualified due to mass spectral quality.

The blind field duplicate evaluation of IA-B11-02 shows good correlations.

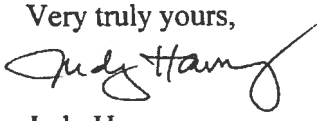
Initial and continuing calibration standard responses show the following outliers, with results qualified as estimated in all project samples:

- m,p-xylene and o-xylene (38%RSD and 40%RSD)
- 1,1,2,2-tetrachloroethane (22%D)

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

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

Very truly yours,



Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

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

CLIENT and LABORATORY SAMPLE IDs
and
LABORATORY CASE NARRATIVE

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-15764-1	IA-B10-01	Air	03/28/2013 1538	03/29/2013 1254
200-15764-2	IA-B10A-01	Air	03/28/2013 1539	03/29/2013 1254
200-15764-3	IA-B11-01	Air	03/28/2013 1547	03/29/2013 1254
200-15764-4	IA-B11-02	Air	03/28/2013 1553	03/29/2013 1254
200-15764-5	IA-B13-01	Air	03/28/2013 1510	03/29/2013 1254
200-15764-6	IA-B13A-01	Air	03/28/2013 1542	03/29/2013 1254
200-15764-7	IA-B1A-01	Air	03/28/2013 1527	03/29/2013 1254
200-15764-8	IA-B1A-BASE	Air	03/28/2013 1521	03/29/2013 1254
200-15764-9	IA-B9-01	Air	03/28/2013 1505	03/29/2013 1254
200-15764-10	IA-B9-02	Air	03/28/2013 1555	03/29/2013 1254
200-15764-11	IA-B9-CS	Air	03/28/2013 1535	03/29/2013 1254
200-15764-12	IA-B7-01	Air	03/28/2013 1531	03/29/2013 1254
200-15764-13	IA-B7-02	Air	03/28/2013 1536	03/29/2013 1254
200-15764-14	OA-B2-01	Air	03/28/2013 1523	03/29/2013 1254
200-15764-15	OA-B11-01	Air	03/28/2013 1551	03/29/2013 1254
200-15764-16	IA-DUPE	Air	03/28/2013 1553	03/29/2013 1254

CASE NARRATIVE

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Project: Seneca Falls

Report Number: 200-15764-1

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 03/29/2013; the samples arrived in good condition.

The Chain of Custody form indicates flow controller 4518 was used for sample IA-B11-01, h owever that flow controller was not found with this shipment. Flow controller 4517 was returned, and was associated with this sample.

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 04/22/2013 and 04/23/2013.

Samples IA-B1A-BASE[4X], IA-B9-02[2X], IA-B9-CS[6X] and IA-B7-02[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The initial calibration curve was outside acceptance criteria for o-xylene. The Initial calibration verification (ICV) exceeded control criteria for 1,1,2,2-tetrachloroethane. The data have been qualified and reported.

The original analysis of sample IA-B13-01 yielded internal standard responses outside control criteria. The sample was reanalyzed yielding similar results. Both sets of data have been reported.

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

QUALIFIED SAMPLE RESULTS FORMS

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B10-01

Lab Sample ID: 200-15764-1
Client Matrix: Air

Date Sampled: 03/28/2013 1538
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra005.d
Dilution:	1.25			Initial Weight/Volume:	400 mL
Analysis Date:	04/22/2013 1250			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1250			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.025	U	0.025	0.025
1,1-Dichloroethene	~~0.013~~ 0.052	U	0.013	~~0.013~~ 0.052
trans-1,2-Dichloroethene	0.013	U	0.013	0.013
1,1-Dichloroethane	0.013	U	0.013	0.013
cis-1,2-Dichloroethene	0.18		0.013	~~0.013~~ 0.026
1,1,1-Trichloroethane	0.030		0.013	0.013
Benzene	0.27		0.013	0.013
1,2-Dichloroethane	0.025	U	0.025	0.025
Trichloroethene	0.95		0.013	0.013
Toluene	0.26		0.013	0.013
1,1,2-Trichloroethane	0.013	U	0.013	0.013
Tetrachloroethene	0.013	U	0.013	0.013
Ethylbenzene	0.11		0.013	0.013
o-Xylene	0.075	J	0.013	~~0.013~~ 0.052
1,1,2,2-Tetrachloroethane	0.013	U^ UJ	0.013	0.013
m-Xylene & p-Xylene	0.18	J	0.013	0.025

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.064	U	0.064	0.064
1,1-Dichloroethene	0.20 ~~0.050~~	U	0.050	~~0.050~~ 0.20
trans-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1-Dichloroethane	0.051	U	0.051	0.051
cis-1,2-Dichloroethene	0.72		0.050	~~0.050~~ 0.10
1,1,1-Trichloroethane	0.16		0.068	0.068
Benzene	0.86		0.040	0.040
1,2-Dichloroethane	0.10	U	0.10	0.10
Trichloroethene	5.1		0.067	0.067
Toluene	1.0		0.047	0.047
1,1,2-Trichloroethane	0.068	U	0.068	0.068
Tetrachloroethene	0.085	U	0.085	0.085
Ethylbenzene	0.47		0.054	0.054
o-Xylene	0.33	J	0.054	~~0.054~~ 0.20
1,1,2,2-Tetrachloroethane	0.086	U^ UJ	0.086	0.086
m-Xylene & p-Xylene	0.77	J	0.054	0.11

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B10A-01

Lab Sample ID: 200-15764-2
Client Matrix: Air

Date Sampled: 03/28/2013 1539
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra006.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/22/2013 1345			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1345			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~~ 0.040	U	0.010	~~0.010~~ 0.040
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	0.32		0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.041		0.010	0.010
Benzene	0.30		0.010	0.010
1,2-Dichloroethane	0.020	NJ	0.020	0.020
Trichloroethene	0.49		0.010	0.010
Toluene	0.35		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.034		0.010	0.010
Ethylbenzene	0.13		0.010	0.010
o-Xylene	0.11		0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U^ UJ	0.010	0.010
m-Xylene & p-Xylene	0.26	J	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.16 ~~0.040~~	U	0.040	~~0.040~~ 0.16
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	1.3		0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.22		0.055	0.055
Benzene	0.97		0.032	0.032
1,2-Dichloroethane	0.082	NJ	0.081	0.081
Trichloroethene	2.7		0.054	0.054
Toluene	1.3		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.23		0.068	0.068
Ethylbenzene	0.57		0.043	0.043
o-Xylene	0.48		0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U^ UJ	0.069	0.069
m-Xylene & p-Xylene	1.1	J	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B11-01

Lab Sample ID: 200-15764-3
Client Matrix: Air

Date Sampled: 03/28/2013 1547
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra007.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/22/2013 1440			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1440			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~~ 0.040	U	0.010	~~0.010~~ 0.040
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	0.12		0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.028		0.010	0.010
Benzene	0.23		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.26		0.010	0.010
Toluene	0.23		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010		0.010	0.010
Ethylbenzene	0.13		0.010	0.010
o-Xylene	0.12		0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U ^ UJ	0.010	0.010
m-Xylene & p-Xylene	0.31	J	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.16 ~~0.040~~	U	0.040	~~0.040~~ 0.16
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	0.47		0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.15		0.055	0.055
Benzene	0.74		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.4		0.054	0.054
Toluene	0.87		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068		0.068	0.068
Ethylbenzene	0.55		0.043	0.043
o-Xylene	0.53		0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U ^ UJ	0.069	0.069
m-Xylene & p-Xylene	1.3	J	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B11-02

Lab Sample ID: 200-15764-4
Client Matrix: Air

Date Sampled: 03/28/2013 1553
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra008.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/22/2013 1534			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1534			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.040 ~~0.010~~	U	0.010	~~0.010~~ 0.040
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	0.18	NJ	0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.038		0.010	0.010
Benzene	0.26		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.40		0.010	0.010
Toluene	0.32		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.012		0.010	0.010
Ethylbenzene	0.20		0.010	0.010
o-Xylene	0.23	J	0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U^ UJ	0.010	0.010
m-Xylene & p-Xylene	0.53	J	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.16 ~~0.040~~	U	0.040	~~0.040~~ 0.16
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	0.70	NJ	0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.21		0.055	0.055
Benzene	0.85		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.2		0.054	0.054
Toluene	1.2		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.081		0.068	0.068
Ethylbenzene	0.85		0.043	0.043
o-Xylene	0.99	J	0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U^ UJ	0.069	0.069
m-Xylene & p-Xylene	2.3	J	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B13-01

Lab Sample ID: 200-15764-5
Client Matrix: Air

Date Sampled: 03/28/2013 1510
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra021.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/23/2013 0324	Run Type:	RE	Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0324			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.012	NJ	0.010	~~0.010~~ 0.040
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U J	0.010	0.010
cis-1,2-Dichloroethene	0.011		0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.044		0.010	0.010
Benzene	0.045		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.065		0.010	0.010
Toluene	0.010	U	0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.040 ~~0.010~~	U UJ	0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U^	0.010	0.010
m-Xylene & p-Xylene	0.020	U ↓	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.049	NJ	0.040	~~0.040~~ 0.16
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U J	0.040	0.040
cis-1,2-Dichloroethene	0.042		0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.24		0.055	0.055
Benzene	0.14		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.35		0.054	0.054
Toluene	0.038	U	0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.16 ~~0.043~~	U UJ	0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U^	0.069	0.069
m-Xylene & p-Xylene	0.087	U ↓	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B13A-01

Lab Sample ID: 200-15764-6
Client Matrix: Air

Date Sampled: 03/28/2013 1542
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra010.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/22/2013 1724			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1724			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.022	J	0.010	~~0.010~~ 0.040
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	0.042		0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.063		0.010	0.010
Benzene	0.17		0.010	0.010
1,2-Dichloroethane	0.021		0.020	0.020
Trichloroethene	0.19		0.010	0.010
Toluene	0.16		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.15		0.010	0.010
o-Xylene	0.068	J	0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U^ UJ	0.010	0.010
m-Xylene & p-Xylene	0.17	J	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.086	J	0.040	~~0.040~~ 0.16
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	0.17		0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.34		0.055	0.055
Benzene	0.55		0.032	0.032
1,2-Dichloroethane	0.087		0.081	0.081
Trichloroethene	1.0		0.054	0.054
Toluene	0.62		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.66		0.043	0.043
o-Xylene	0.30	J	0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U^ UJ	0.069	0.069
m-Xylene & p-Xylene	0.75	J	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B1A-01

Lab Sample ID: 200-15764-7
Client Matrix: Air

Date Sampled: 03/28/2013 1527
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra011.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/22/2013 1818			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 1818			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~~ 0.040	U	0.010	~~0.010~~ 0.040
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	~~0.017~~ 0.020	U	0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.29		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.18		0.010	0.010
Toluene	0.30		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010		0.010	0.010
Ethylbenzene	0.028		0.010	0.010
o-Xylene	0.023	NJ	0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U UJ J	0.010	0.010
m-Xylene & p-Xylene	0.067		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~~ 0.16	U	0.040	~~0.040~~ 0.16
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	~~0.068~~ 0.080	U	0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.93		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.95		0.054	0.054
Toluene	1.1		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.071		0.068	0.068
Ethylbenzene	0.12		0.043	0.043
o-Xylene	0.10	NJ	0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U UJ J	0.069	0.069
m-Xylene & p-Xylene	0.29		0.043	0.087

Client: Malcolm Pimie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: **IA-B1A-BASE**

Lab Sample ID: 200-15764-8
Client Matrix: Air

Date Sampled: 03/28/2013 1521
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra022.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	04/23/2013 0419			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0419			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U UJ	0.080	0.080
1,1-Dichloroethene	~~0.040~~ 0.16	U	0.040	~~0.040~~ 0.16
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~~ 0.080	U	0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.040	U	0.040	0.040
Benzene	0.34	J	0.040	0.040
1,2-Dichloroethane	0.080	U UJ	0.080	0.080
Trichloroethene	0.45	J	0.040	0.040
Toluene	1.2	J	0.040	0.040
1,1,2-Trichloroethane	0.040	U UJ	0.040	0.040
Tetrachloroethene	0.043	J	0.040	0.040
Ethylbenzene	0.053	NJ	0.040	0.040
o-Xylene	~~0.062~~ 0.16	UJ	0.040	~~0.040~~ 0.16
1,1,2,2-Tetrachloroethane	0.040	U^ UJ	0.040	0.040
m-Xylene & p-Xylene	0.13	NJ	0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U UJ	0.20	0.20
1,1-Dichloroethene	~~0.16~~ 0.64	U	0.16	~~0.16~~ 0.64
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	~~0.16~~ 0.32	U	0.16	~~0.16~~ 0.32
1,1,1-Trichloroethane	0.22	U	0.22	0.22
Benzene	1.1	J	0.13	0.13
1,2-Dichloroethane	0.32	U UJ	0.32	0.32
Trichloroethene	2.4	J	0.21	0.21
Toluene	4.4	J	0.15	0.15
1,1,2-Trichloroethane	0.22	U UJ	0.22	0.22
Tetrachloroethene	0.29	J	0.27	0.27
Ethylbenzene	0.23	NJ	0.17	0.17
o-Xylene	~~0.27~~ 0.64	UJ	0.17	~~0.17~~ 0.64
1,1,2,2-Tetrachloroethane	0.27	U^ UJ	0.27	0.27
m-Xylene & p-Xylene	0.56	NJ	0.17	0.35

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B9-01

Lab Sample ID: 200-15764-9
Client Matrix: Air

Date Sampled: 03/28/2013 1505
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra013.d
Dilution:	1.25			Initial Weight/Volume:	400 mL
Analysis Date:	04/22/2013 2007			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 2007			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.025	U	0.025	0.025
1,1-Dichloroethene	~~0.013~~ 0.052	U	0.013	~~0.013~~ 0.052
trans-1,2-Dichloroethene	0.013	U	0.013	0.013
1,1-Dichloroethane	0.013	U	0.013	0.013
cis-1,2-Dichloroethene	0.036		0.013	~~0.013~~ 0.026
1,1,1-Trichloroethane	0.013	U	0.013	0.013
Benzene	0.14		0.013	0.013
1,2-Dichloroethane	0.025	U	0.025	0.025
Trichloroethene	0.81		0.013	0.013
Toluene	0.25		0.013	0.013
1,1,2-Trichloroethane	0.013	U	0.013	0.013
Tetrachloroethene	0.013	U	0.013	0.013
Ethylbenzene	0.036		0.013	0.013
o-Xylene	0.044		0.013	~~0.013~~ 0.052
1,1,2,2-Tetrachloroethane	0.013	U ^ J UJ J	0.013	0.013
m-Xylene & p-Xylene	0.093		0.013	0.025

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.064	U	0.064	0.064
1,1-Dichloroethene	0.20 ~~0.050~~	U	0.050	~~0.050~~ 0.20
trans-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1-Dichloroethane	0.051	U	0.051	0.051
cis-1,2-Dichloroethene	0.14		0.050	~~0.050~~ 0.10
1,1,1-Trichloroethane	0.068	U	0.068	0.068
Benzene	0.45		0.040	0.040
1,2-Dichloroethane	0.10	U	0.10	0.10
Trichloroethene	4.3		0.067	0.067
Toluene	0.95		0.047	0.047
1,1,2-Trichloroethane	0.068	U	0.068	0.068
Tetrachloroethene	0.085	U	0.085	0.085
Ethylbenzene	0.16		0.054	0.054
o-Xylene	0.19		0.054	~~0.054~~ 0.20
1,1,2,2-Tetrachloroethane	0.086	U ^ J UJ J	0.086	0.086
m-Xylene & p-Xylene	0.40		0.054	0.11

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B9-02

Lab Sample ID: 200-15764-10
Client Matrix: Air

Date Sampled: 03/28/2013 1555
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra014.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/22/2013 2101			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 2101			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~~ 0.080	U	0.020	~~0.020~~ 0.080
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	0.12		0.020	~~0.020~~ 0.040
1,1,1-Trichloroethane	0.029		0.020	0.020
Benzene	0.30		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.1		0.020	0.020
Toluene	0.31		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.11		0.020	0.020
o-Xylene	0.080	J	0.020	~~0.020~~ 0.080
1,1,2,2-Tetrachloroethane	0.020	U^ UJ	0.020	0.020
m-Xylene & p-Xylene	0.19	J	0.020	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.32 ~~0.079~~	U	0.079	~~0.079~~ 0.32
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	0.47		0.079	~~0.079~~ 0.16
1,1,1-Trichloroethane	0.16		0.11	0.11
Benzene	0.97		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	6.1		0.11	0.11
Toluene	1.2		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	0.48		0.087	0.087
o-Xylene	0.35	J	0.087	~~0.087~~ 0.32
1,1,2,2-Tetrachloroethane	0.14	U^ UJ	0.14	0.14
m-Xylene & p-Xylene	0.81	J	0.087	0.17

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B9-CS

Lab Sample ID: 200-15764-11
Client Matrix: Air

Date Sampled: 03/28/2013 1535
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra015.d
Dilution:	6.02			Initial Weight/Volume:	83 mL
Analysis Date:	04/22/2013 2155			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 2155			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~~ 0.24	U	0.060	~~0.060~~ 0.24
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	0.060	U	0.060	~~0.060~~ 0.12
1,1,1-Trichloroethane	0.060	U	0.060	0.060
Benzene	0.10	NJ	0.060	0.060
1,2-Dichloroethane	0.12	U	0.12	0.12
Trichloroethene	2.6		0.060	0.060
Toluene	0.060	U	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~~ 0.24	UJ	0.060	~~0.060~~ 0.24
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~~ 0.96	U	0.24	~~0.24~~ 0.96
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	~~0.24~~ 0.48	U	0.24	~~0.24~~ 0.48
1,1,1-Trichloroethane	0.33	U	0.33	0.33
Benzene	0.33	NJ	0.19	0.19
1,2-Dichloroethane	0.49	U	0.49	0.49
Trichloroethene	14		0.32	0.32
Toluene	0.23	U	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~~ 0.96	UJ	0.26	~~0.26~~ 0.96
1,1,2,2-Tetrachloroethane	0.41	U ^	0.41	0.41
m-Xylene & p-Xylene	0.52	U	0.26	0.52

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B7-01

Lab Sample ID: 200-15764-12
Client Matrix: Air

Date Sampled: 03/28/2013 1531
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra016.d
Dilution:	1.42			Initial Weight/Volume:	350 mL
Analysis Date:	04/22/2013 2250			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 2250			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.028	U	0.028	0.028
1,1-Dichloroethene	0.056 ~~0.014~~	U	0.014	~~0.014~~ 0.056
trans-1,2-Dichloroethene	0.014	U	0.014	0.014
1,1-Dichloroethane	0.014	U	0.014	0.014
cis-1,2-Dichloroethene	0.12		0.014	~~0.014~~ 0.028
1,1,1-Trichloroethane	0.020		0.014	0.014
Benzene	0.32		0.014	0.014
1,2-Dichloroethane	0.041		0.028	0.028
Trichloroethene	0.76		0.014	0.014
Toluene	0.62		0.014	0.014
1,1,2-Trichloroethane	0.014	U	0.014	0.014
Tetrachloroethene	0.022		0.014	0.014
Ethylbenzene	0.11		0.014	0.014
o-Xylene	0.12	J	0.014	~~0.014~~ 0.056
1,1,2,2-Tetrachloroethane	0.014	U^ UJ	0.014	0.014
m-Xylene & p-Xylene	0.30	J	0.014	0.028

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.073	U	0.073	0.073
1,1-Dichloroethene	0.22 ~~0.056~~	U	0.056	~~0.056~~ 0.22
trans-1,2-Dichloroethene	0.056	U	0.056	0.056
1,1-Dichloroethane	0.057	U	0.057	0.057
cis-1,2-Dichloroethene	~~0~~.46		0.056	~~0.056~~ 0.11
1,1,1-Trichloroethane	0.11		0.077	0.077
Benzene	1.0		0.045	0.045
1,2-Dichloroethane	0.16		0.11	0.11
Trichloroethene	4.1		0.076	0.076
Toluene	2.3		0.054	0.054
1,1,2-Trichloroethane	0.077	U	0.077	0.077
Tetrachloroethene	0.15		0.096	0.096
Ethylbenzene	0.48		0.062	0.062
o-Xylene	0.52	J	0.062	~~0.062~~ 0.22
1,1,2,2-Tetrachloroethane	0.097	U^ UJ	0.097	0.097
m-Xylene & p-Xylene	1.3	J	0.062	0.12

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-B7-02

Lab Sample ID: 200-15764-13
Client Matrix: Air

Date Sampled: 03/28/2013 1536
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra017.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/22/2013 2345			Final Weight/Volume:	500 mL
Prep Date:	04/22/2013 2345			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~~ 0.080	U	0.020	~~0.020~~ 0.080
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	0.096		0.020	~~0.020~~ 0.040
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Benzene	0.26		0.020	0.020
1,2-Dichloroethane	0.11		0.040	0.040
Trichloroethene	0.85		0.020	0.020
Toluene	0.54		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.19		0.020	0.020
o-Xylene	0.12		0.020	~~0.020~~ 0.080
1,1,2,2-Tetrachloroethane	0.020	U^ NJ UJ J	0.020	0.020
m-Xylene & p-Xylene	0.23		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~~ 0.32	U	0.079	~~0.079~~ 0.32
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	0.38		0.079	~~0.079~~ 0.16
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Benzene	0.82		0.064	0.064
1,2-Dichloroethane	0.44		0.16	0.16
Trichloroethene	4.6		0.11	0.11
Toluene	2.0		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	0.83		0.087	0.087
o-Xylene	0.54		0.087	~~0.087~~ 0.32
1,1,2,2-Tetrachloroethane	0.14	U^ NJ UJ J	0.14	0.14
m-Xylene & p-Xylene	1.0		0.087	0.17

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: OA-B2-01

Lab Sample ID: 200-15764-14
Client Matrix: Air

Date Sampled: 03/28/2013 1523
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra018.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/23/2013 0040			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0040			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.040 ~~0.010~~	U	0.010	~~0.010~~ 0.040
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	0.20 ~~0.010~~	U	0.010	~~0.010~~ 0.20
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.11		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.071		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.014	U	0.010	~~0.010~~ 0.014
o-Xylene	0.040 ~~0.010~~	U UJ	0.010	~~0.010~~ 0.40
1,1,2,2-Tetrachloroethane	0.010	U UJ J	0.010	0.010
m-Xylene & p-Xylene	0.035		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.16 ~~0.040~~	U	0.040	~~0.040~~ 0.16
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	0.080 ~~0.040~~	U	0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.35		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.27		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.059	U	0.043	~~0.043~~ 0.059
o-Xylene	0.16 ~~0.043~~	U UJ	0.043	0.043 0.16
1,1,2,2-Tetrachloroethane	0.069	U UJ J	0.069	0.069
m-Xylene & p-Xylene	0.15		0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: OA-B11-01

Lab Sample ID: 200-15764-15
Client Matrix: Air

Date Sampled: 03/28/2013 1551
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra019.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/23/2013 0135			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0135			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.040 ~~0.010~~	U	0.010	~~0.010~~ 0.040
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	0.020 ~~0.010~~	U	0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.12		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.016		0.010	0.010
Toluene	0.065		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.017	NJ	0.010	0.010
o-Xylene	0.040 ~~0.010~~	UJ	0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U ^ UJ	0.010	0.010
m-Xylene & p-Xylene	0.036	J	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.16 ~~0.040~~	U	0.040	~~0.040~~ 0.16
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	0.080 ~~0.040~~	U	0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.37		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.085		0.054	0.054
Toluene	0.24		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.073	NJ	0.043	~~0.043~~ BK-AH 6-16-13
o-Xylene	0.16 ~~0.079~~	UJ	0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U ^ UJ	0.069	0.069
m-Xylene & p-Xylene	0.16	J	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-15764-1
Sdg Number: 200-15764

Client Sample ID: IA-DUPE

Lab Sample ID: 200-15764-16
Client Matrix: Air

Date Sampled: 03/28/2013 1553
Date Received: 03/29/2013 1254

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

Analysis Method:	TO15 LL	Analysis Batch:	200-54701	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	efra020.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/23/2013 0230			Final Weight/Volume:	500 mL
Prep Date:	04/23/2013 0230			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~~ 0.040	U	0.010	~~0.010~~ 0.040
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	0.17		0.010	~~0.010~~ 0.020
1,1,1-Trichloroethane	0.046		0.010	0.010
Benzene	0.28		0.010	0.010
1,2-Dichloroethane	0.020		0.020	0.020
Trichloroethene	0.39		0.010	0.010
Toluene	0.27		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010		0.010	0.010
Ethylbenzene	0.15		0.010	0.010
o-Xylene	0.18		0.010	~~0.010~~ 0.040
1,1,2,2-Tetrachloroethane	0.010	U^ UJ J	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	~~0.040~~ 0.16	U	0.040	~~0.040~~ 0.16
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	0.69		0.040	~~0.040~~ 0.080
1,1,1-Trichloroethane	0.25		0.055	0.055
Benzene	0.89		0.032	0.032
1,2-Dichloroethane	0.080		0.081	0.081
Trichloroethene	2.1		0.054	0.054
Toluene	1.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.070		0.068	0.068
Ethylbenzene	0.66		0.043	0.043
o-Xylene	0.79		0.043	~~0.043~~ 0.16
1,1,2,2-Tetrachloroethane	0.069	U^ UJ J	0.069	0.069
m-Xylene & p-Xylene	1.8		0.043	0.087