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

March 16, 2012

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

Re: *December 2011 Indoor Air Sampling Report*

Dear Mr. Festa:

Attached is the December 2011 indoor air sampling results for the former Philips Display Components facility in Seneca Falls, New York. Volatile organic compounds (VOC), primarily trichloroethene, were detected in subslab vapor and indoor air. Three subslab depressurization (SSD) and two ventilation systems have been effective in reducing VOC concentrations.

GTE Operations Support Incorporated will continue to collect samples quarterly to monitor the system effectiveness. The next sampling event will be conducted during the week of March 26, 2012.

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

Sincerely,

Pam Cox /DCL

Pam M. Cox
Manager –Workplace Safety & Environmental Compliance

ATTACHMENTS
Attachment A – December 2011 Indoor Air Sampling Event Summary
Attachment B – Figures
Attachment C – Tables
Attachment D – Data Validation Report

cc:
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Attachment A
December 2011 Indoor Air Sampling Event Summary

In December 2011, indoor air and subslab vapor 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 concentrations of volatile organic compounds (VOC), primarily trichloroethene (TCE).

To minimize VOC concentrations in subslab vapor and indoor air, the following subslab depressurization (SSD) and ventilation systems have been installed:

- 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 system.

Either a digital manometer or U-tube vacuum indicator are used to confirm that the Building 11, 7, and 10 SSD systems and the Building 1A sump/trench ventilation system are operating as designed. The manometer measures pressure at subslab monitoring points near the SSD systems. The U-tube vacuum indicator measures the negative pressure in the sump/trench ventilation system piping.

On December 20, 2011, the following air samples were collected:

- 12 indoor air samples and 1 duplicate,
- 1 crawl space air sample,
- 6 subslab vapor samples and 1 duplicate, and
- 2 outdoor (ambient) air samples.

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 December 2011 indoor air TCE concentrations ranged from 1.1 to 17 micrograms per cubic meter ($\mu g/m^3$), which are within the range measured since the ventilation and SSD systems began

[1] The Building 9 Office Area crawl space ventilation system operated from November 2004 to June 2010, when an electrical issue caused the fan motor to overheat. The Building 9 crawlspace air TCE concentration (2.8 $\mu g/m^3$) is less than the previous concentrations range (5.4 to 210 $\mu g/m^3$) even though the system is no longer active.

operating. The December 2011 TCE concentration range (1.1 to 17 μg/m^3) was narrower than in December 2010 (1.1 to 23 μg/m^3).

Building 9 Area

The Building 9 office indoor air TCE concentration (5.3 μg/m^3) was higher than the December 2010 TCE concentration (3.0 μg/m^3) but within the previous concentration range (0.12 to 30 μg/m^3). The Building 9 warehouse indoor air TCE concentration (17 μg/m^3) was lower than the December 2010 TCE concentration (23 μg/m^3) but within the previous concentration range (0.091 to 51 μg/m^3).

The Building 9 crawlspace air TCE concentration (2.8 μg/m^3) was less than the previous concentration range (5.4 to 210 μg/m^3) (Figure 7 and Table 1).

Building 11 Area

The Building 11 Area comprises parts of Buildings 11, 11A, 13, and 13A. Building 11 Area indoor air TCE concentrations ranged from 2.7 to 6.2 μg/m^3, which were within the previous concentration range (0.70 to 81 μg/m^3) during SSD system operation. The following table summarizes the December 2011 and 2010 Building 11 Area indoor air TCE concentrations.

Building	December 2011 TCE Concentration in Indoor Air (μg/m^3)	December 2010 TCE Concentration in Indoor Air (μg/m^3)
11	4.8	5.6
11A	6.2	6.1
13	3.1	6.9
13A	2.7	2.3

The December 2011 TCE concentrations were less than or comparable to the December 2010 concentrations.

Building 11 Area subslab vapor samples are collected from Buildings 11A, 13 and 13A each December (Figure 3). The following table compares the December 2011 and 2010 Building 11 Area subslab sample TCE concentrations.

Building	December 2011 TCE Concentration in Subslab Vapor (μg/m^3)	December 2010 TCE Concentration in Subslab Vapor (μg/m^3)
11A	20	18
13	< 5.4	2.1
13A	< 1.1	< 1.1

The December 2011 TCE concentrations were comparable to the December 2010 concentrations.

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

Building 7 Area

H.P. Neun has relocated their office from Building 9 to Building 7. An indoor air sample was collected in September and December 2011 from the new office area. The office indoor air TCE concentration was 0.82 and 3.8 $\mu g/m^3$, respectively.

The warehouse indoor air TCE concentrations were 8.9 and 3.5 $\mu g/m^3$, respectively and within the range of previous concentrations (0.64 to 18 $\mu g/m^3$). Subslab TCE concentrations beneath Building 7 have decreased by two orders of magnitude since July 2003, from 3,300 to 23 $\mu g/m^3$ (Figure 8). The Building 7 SSD system continues to sustain negative subslab pressures greater than 45 feet from the extraction wells.

Building 10 Area

The Buildings 10 and 10A indoor air sample TCE concentrations were 13 and 8 $\mu g/m^3$, respectively. The concentrations were lower than the Building 10 and 10A December 2010 TCE concentrations (20 and 13 $\mu g/m^3$, respectively). The Building 10 subslab TCE concentration vapor decreased from 130 $\mu g/m^3$ in December 2010 to 34 $\mu g/m^3$ in December 2011. The Building 10A subslab vapor TCE concentration in December 2011 (12 $\mu g/m^3$) was comparable to the December 2010 concentration (13 $\mu g/m^3$). The Building 10 SSD system sustains negative subslab pressures greater than 100 feet from the extraction wells.

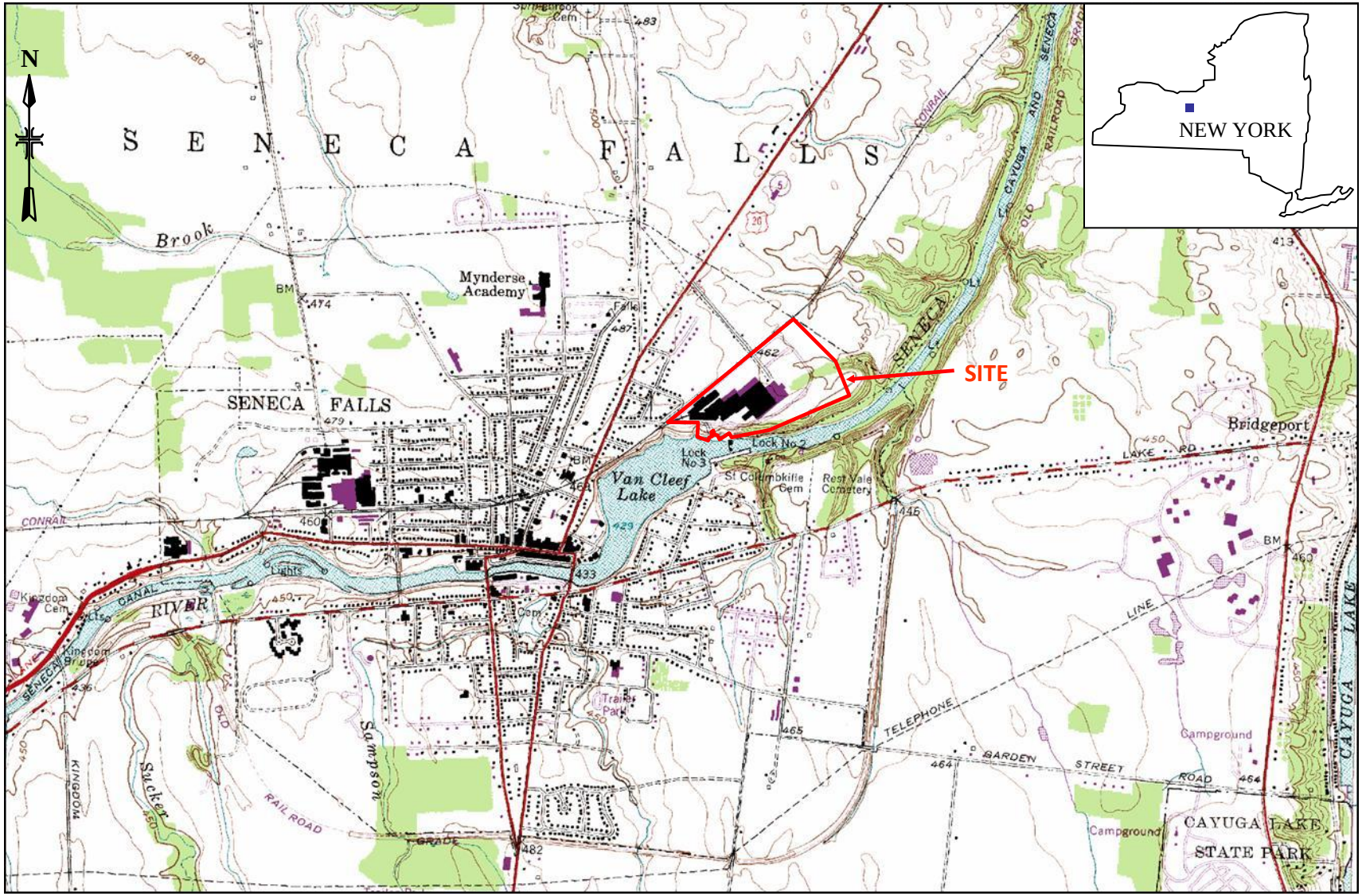
Building 1A Area

The Building 1A first floor indoor air TCE concentration (1.1 $\mu g/m^3$) was equal to the December 2010 concentration (1.1 $\mu g/m^3$) and was within the previous concentration range (0.059 to 27 $\mu g/m^3$). The Building 1A basement indoor air TCE concentration (1.6 $\mu g/m^3$) was similar to the December 2010 concentration (1.8 $\mu g/m^3$) 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 subslab and indoor air VOC concentrations.

Attachment B
Figures



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

APPROXIMATE SCALE IN MILES

0 0.25 0.5 1

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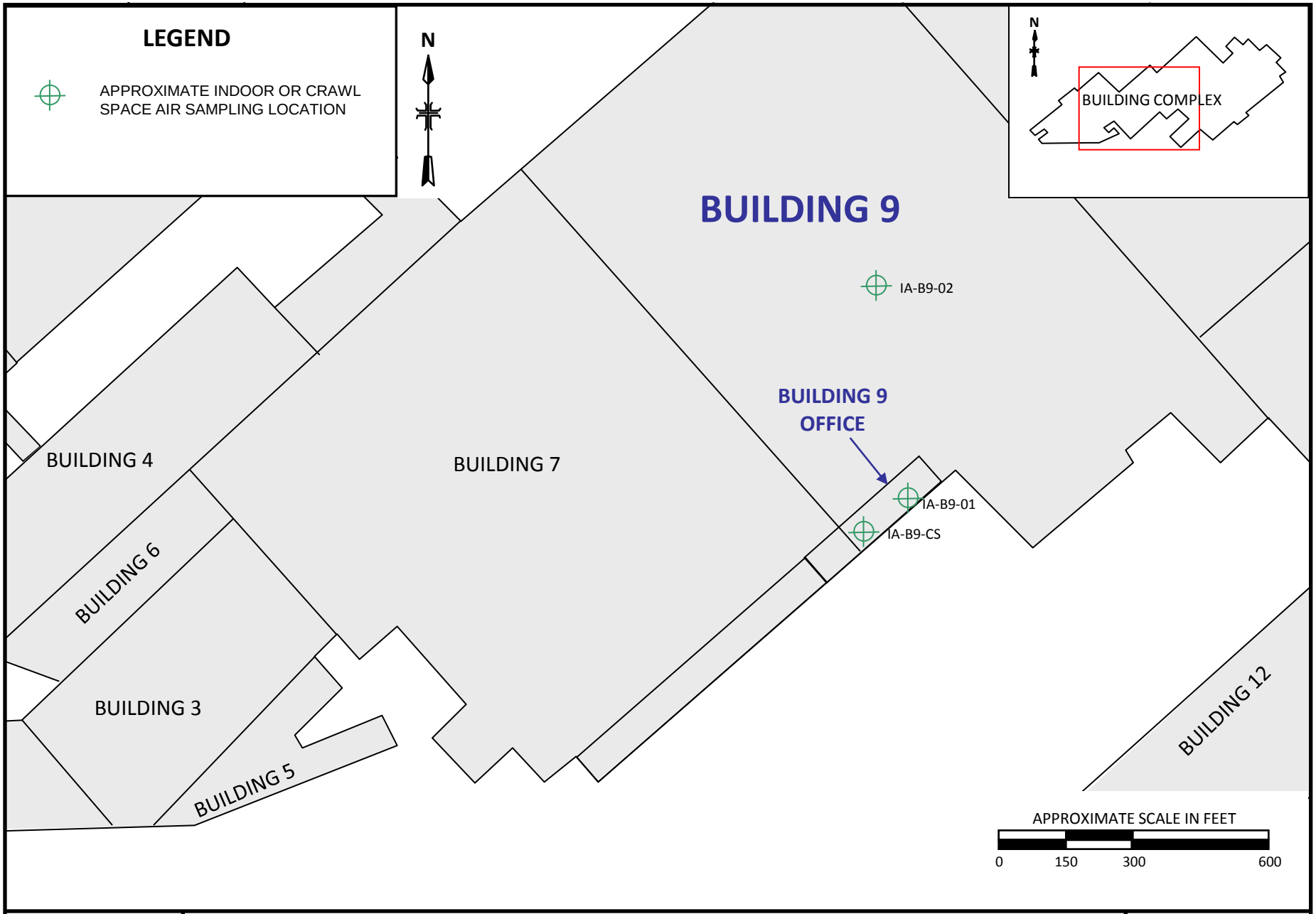
SITE LOCATION

FIGURE 1



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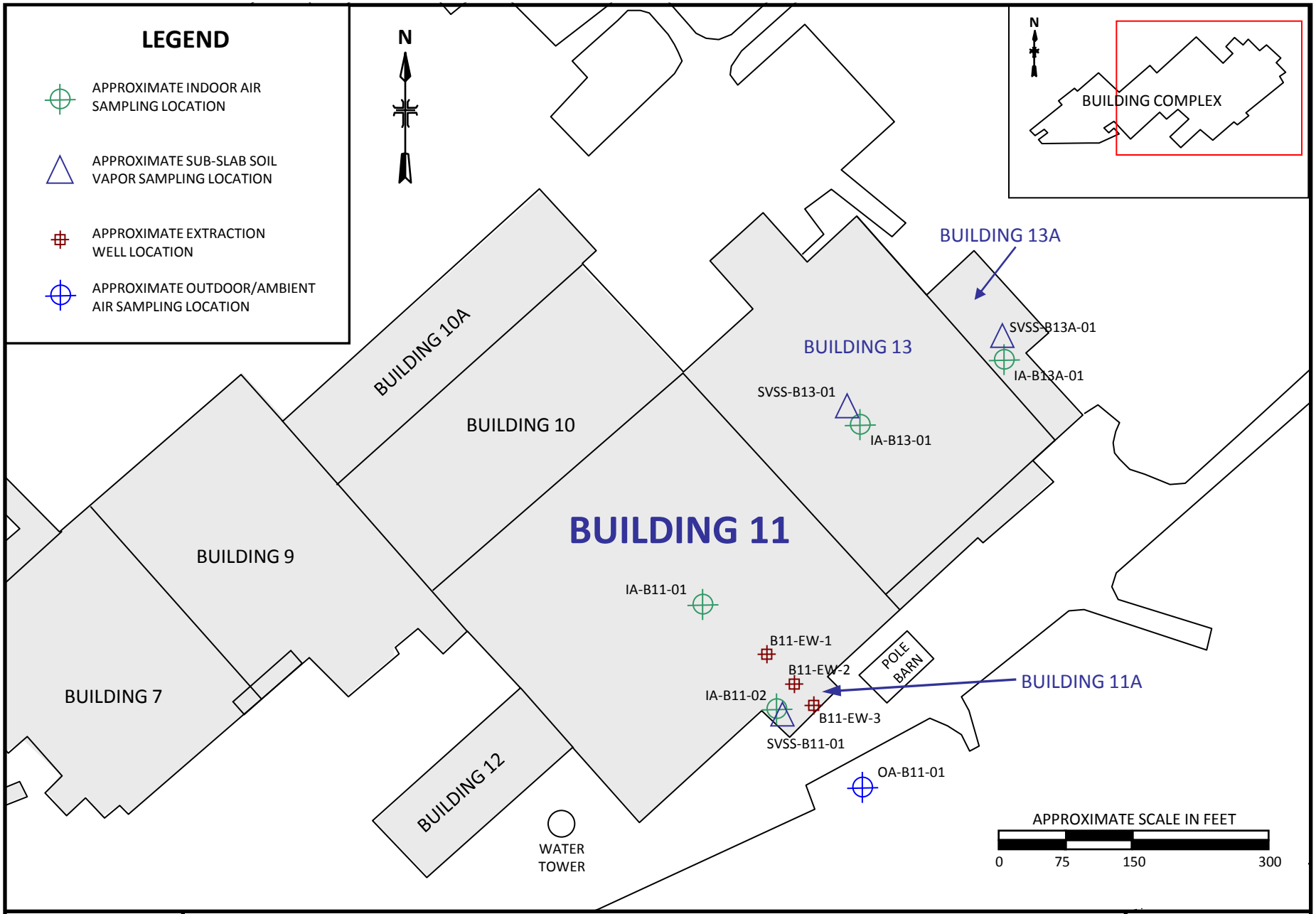
BUILDING 9 AREA SAMPLING LOCATIONS

FIGURE 2



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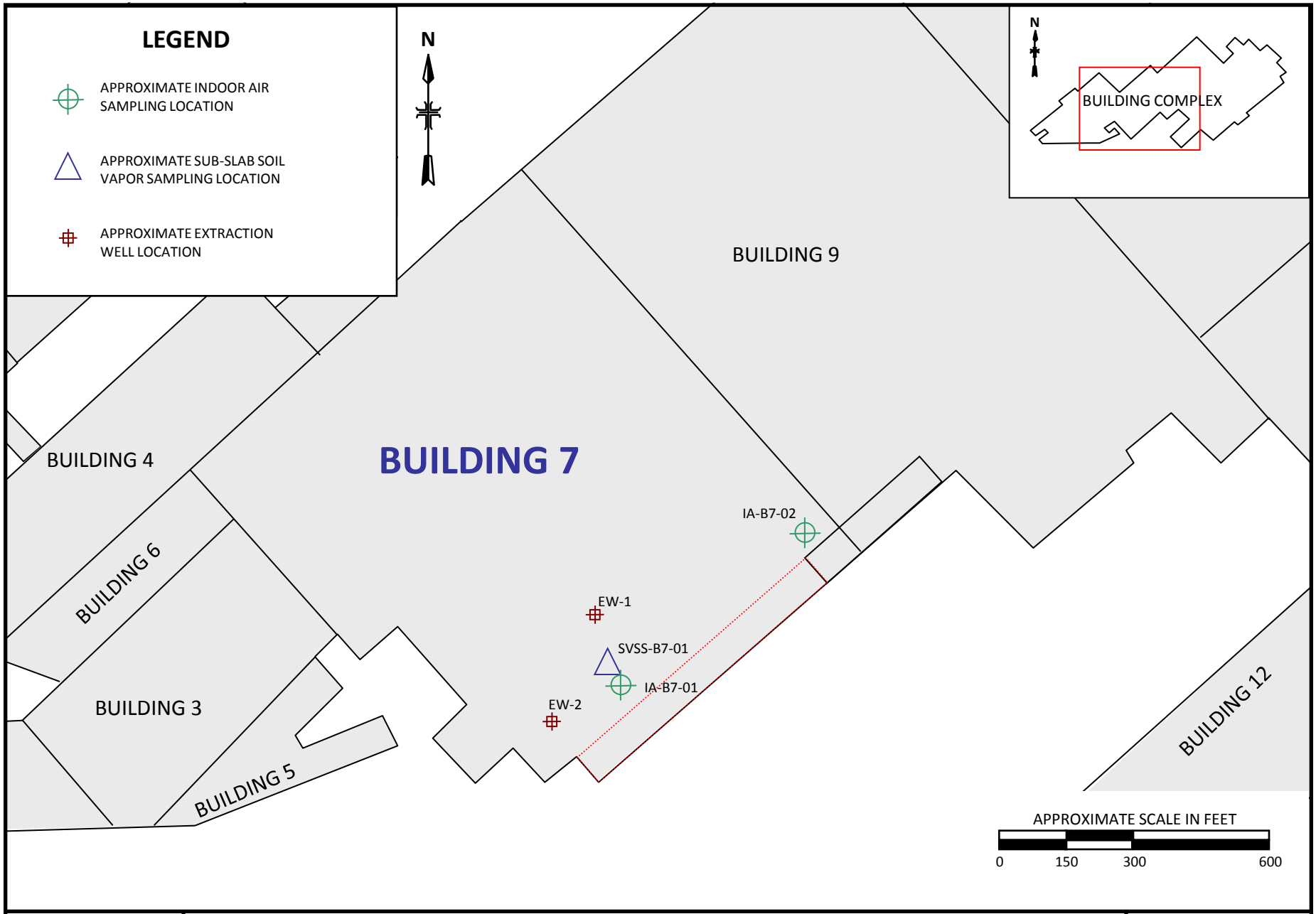
BUILDING 11 AREA SAMPLING LOCATIONS

FIGURE 3



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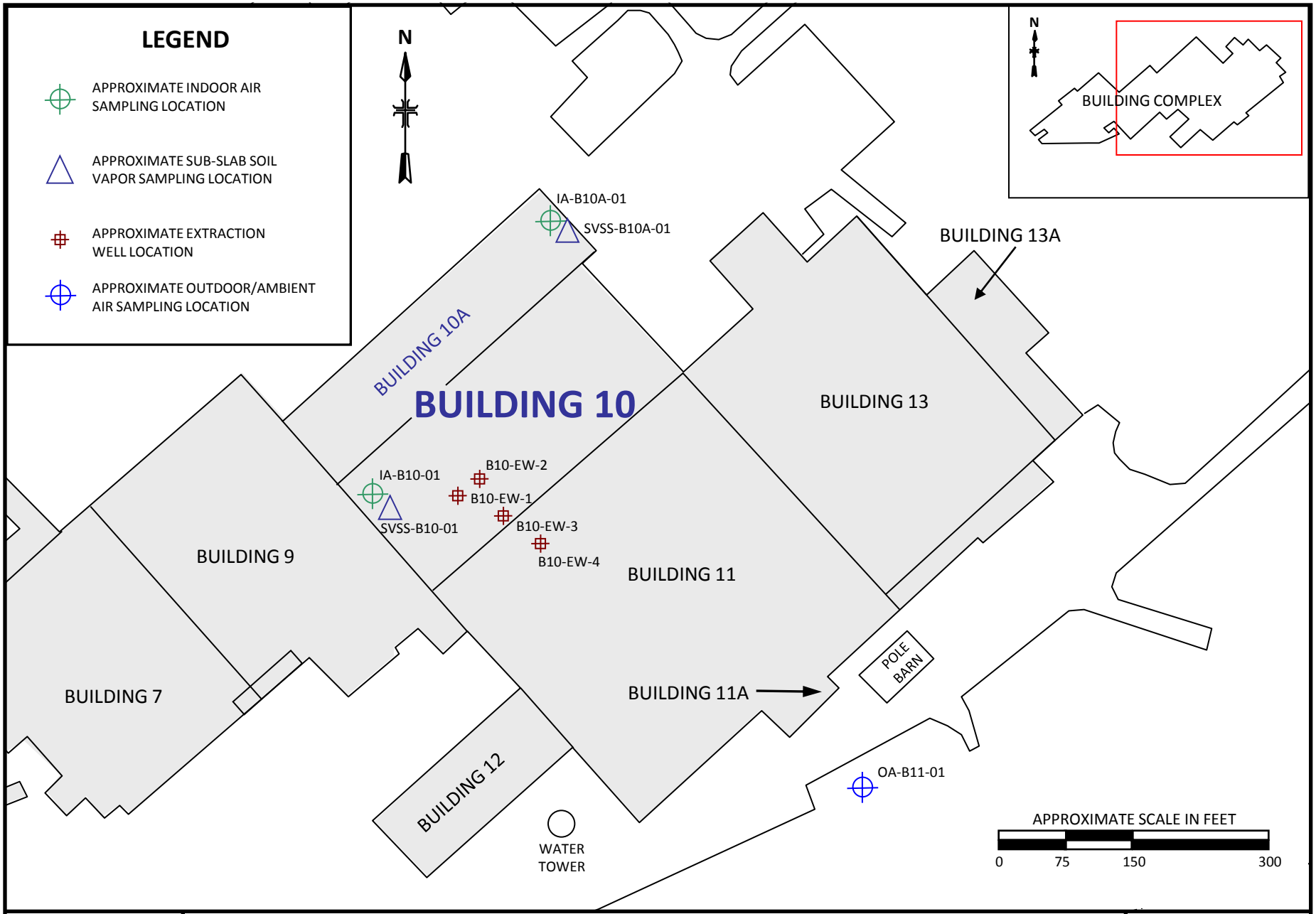
BUILDING 7 AREA SAMPLING LOCATIONS

FIGURE 4



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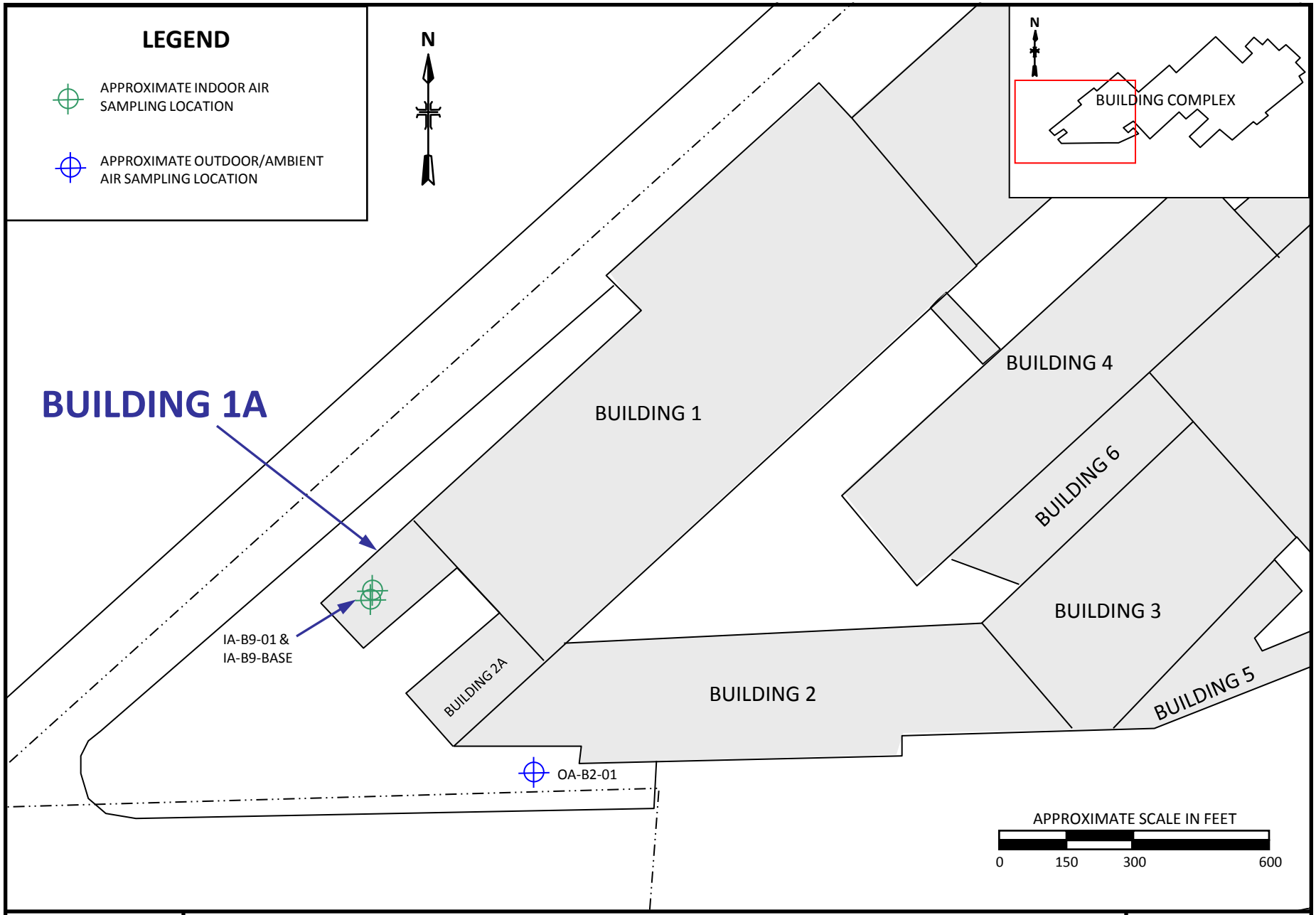
BUILDING 10 AREA SAMPLING LOCATIONS

FIGURE 5



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BUILDING 1A AREA SAMPLING LOCATIONS

FIGURE 6

Figure 7: Building 9 Area TCE Concentrations

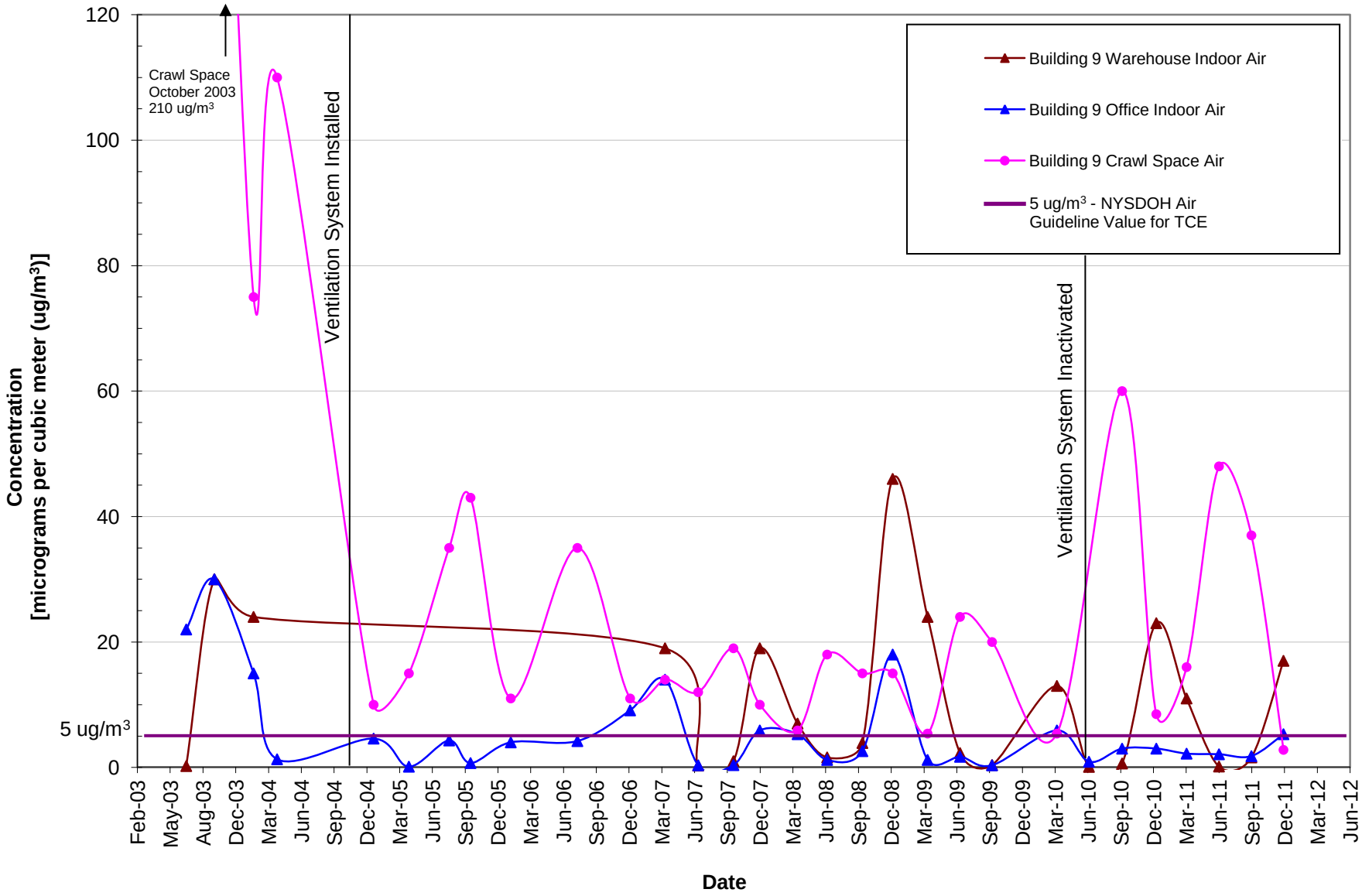


Figure 8: Building 11 Area TCE Concentrations

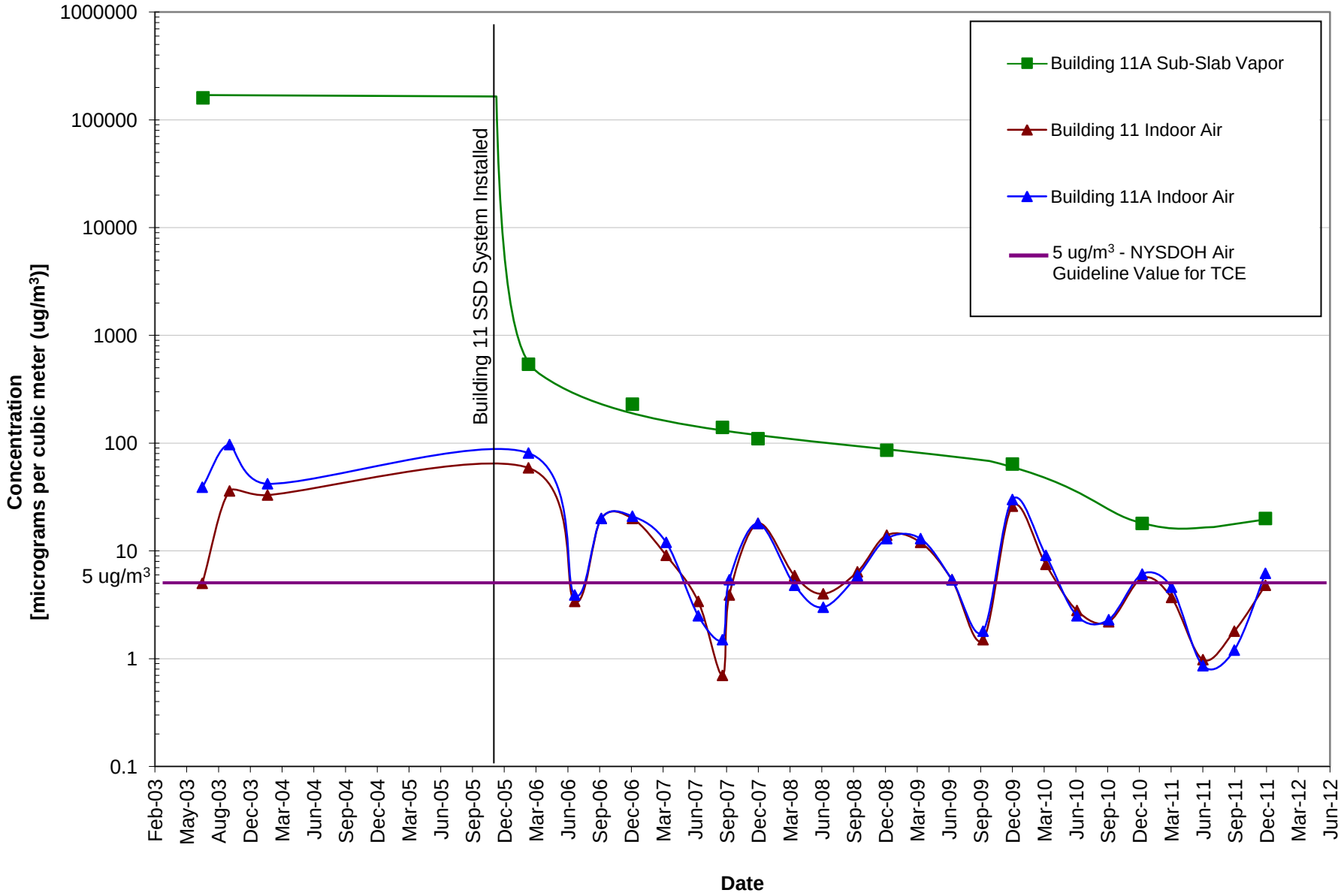


Figure 9: Building 7 Area TCE Concentrations

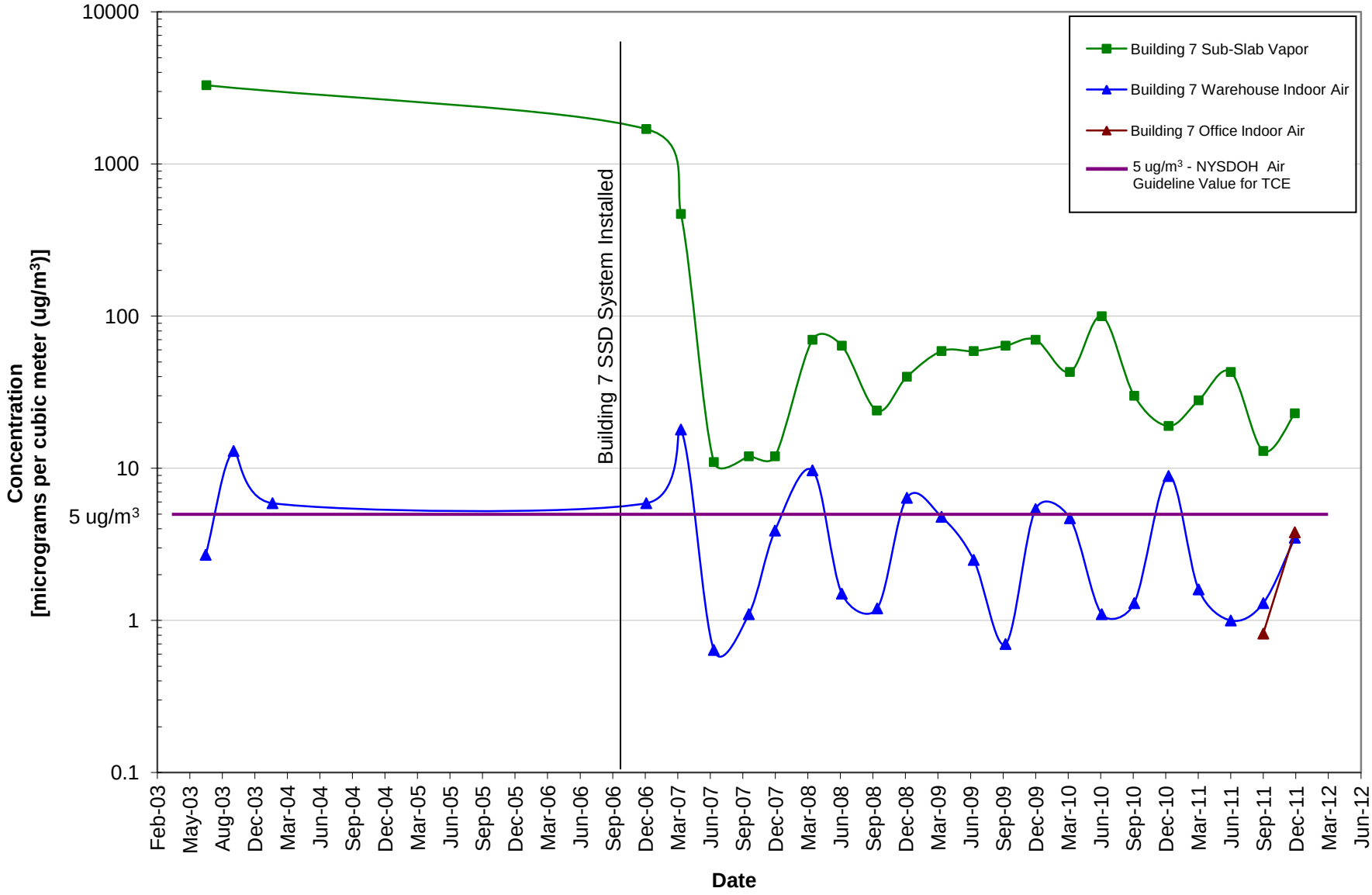


Figure 10: Building 10 Area TCE Concentrations

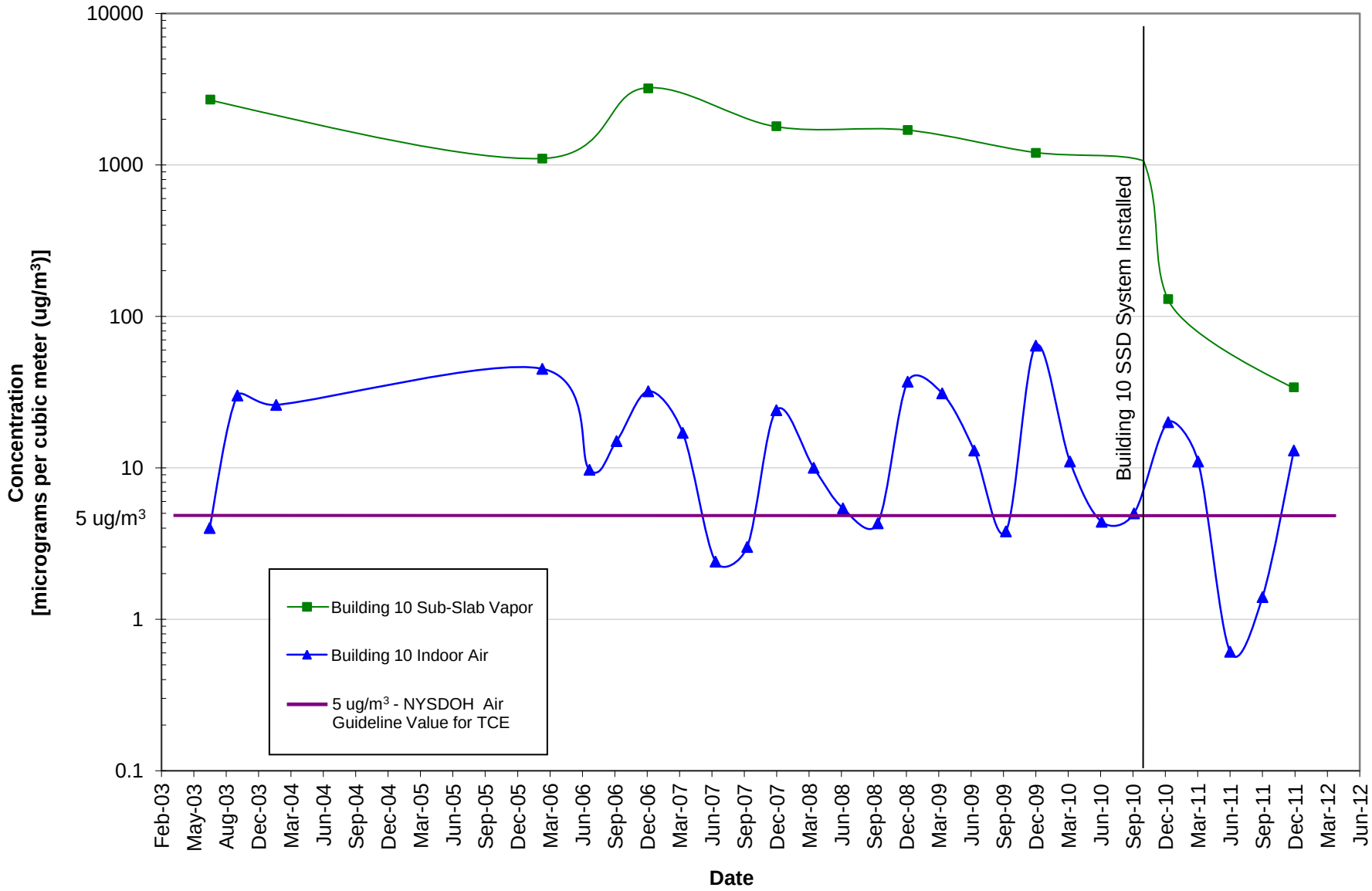
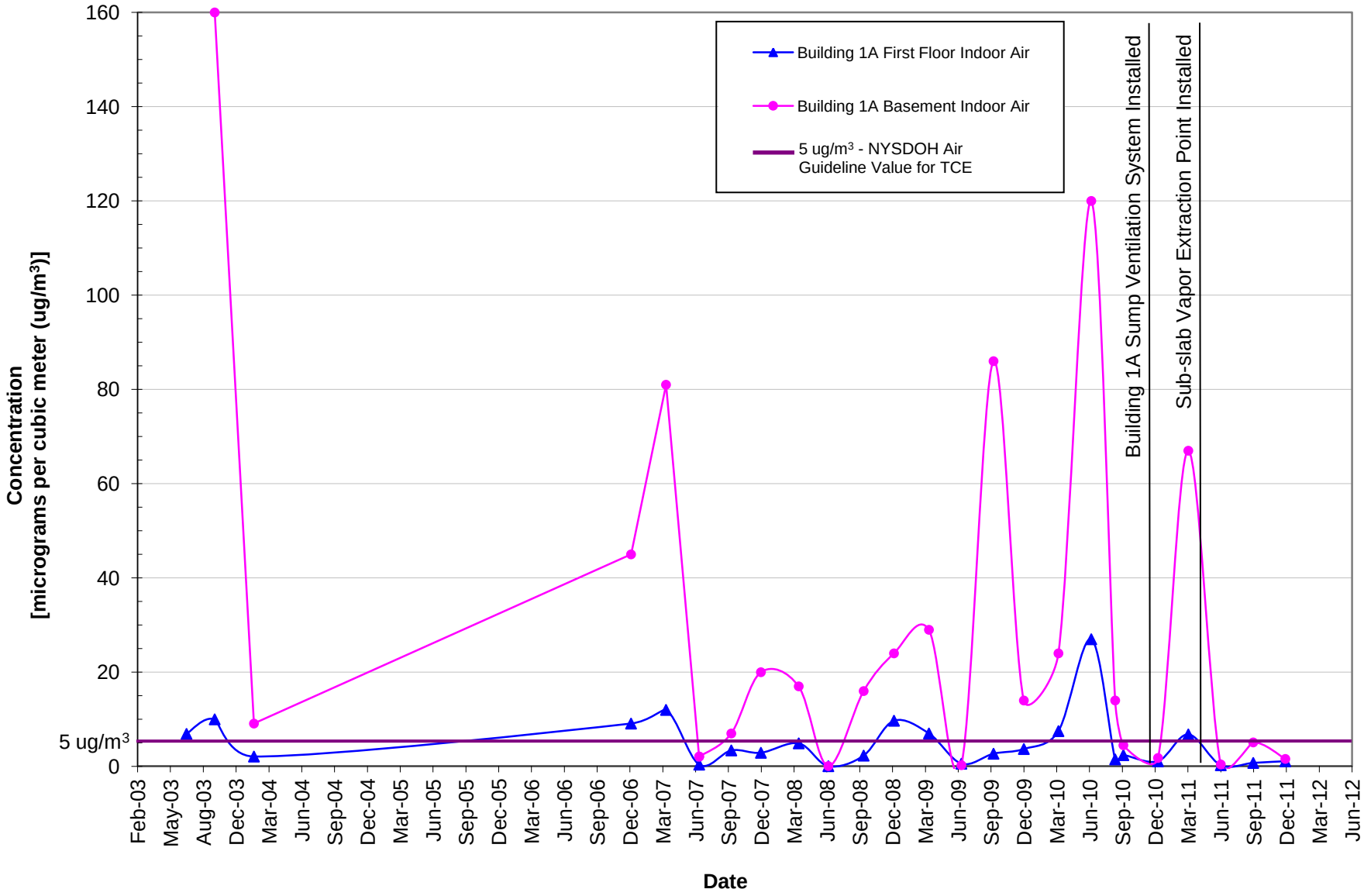


Figure 11: Building 1A Area TCE Concentrations



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	9/23/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11
1,1,1-Trichloroethane	0.22	0.55 U	0.27 U	0.15 U	0.17	0.076	0.10	0.12	0.13	0.23	0.21	0.44	0.065	0.071	0.25	0.14	0.22 U	0.18	0.34	0.38	0.39	0.22 U	NS	0.27 U	0.16 U	0.11 U	0.82 U	0.055 U	0.11 U	0.084 NJ	0.11 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.069 U	0.069 U	0.069 U	0.14 U	0.069 U	0.21 U	0.14 U	0.27 U	0.069 U	0.069 U	0.10 U	0.14 U	0.27 U	0.069 U	0.38 UJ	0.082 U	0.34 U	0.27 U	NS	0.34 U	0.21 U	0.14 U	0.10 U	0.069 U	0.14 U	0.069 U	0.14 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.055 U	0.055 U	0.055 U	0.11 U	0.055 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.082 U	0.11 U	0.22 U	0.055 U	0.31 U	0.065 U	0.27 U	0.22 U	NS	0.27 U	0.16 U	0.11 U	0.082 U	0.055 U	0.11 U	0.055 U	0.11 U
1,1-Dichloroethane	0.080 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.081 U	0.040 U	0.12 U	0.081 U	0.16 U	0.040 U	0.040 U	0.061 U	0.081 U	0.160 U	0.040 U	0.230 U	0.049 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.081 U	0.061 U	0.040 U	0.081 U	0.040 U	0.081 U
1,1-Dichloroethene	0.040 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.16 U	0.040 U	0.12 U	0.079 U	0.16 U	0.040 U	0.040 U	0.059 U	0.079 U	0.160 U	0.040 U	0.220 U	0.048 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.079 U	0.059 U	0.040 U	0.079 U	0.040 U	0.079 U
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
Benzene	1.3	2.2	2.3	2.7	2.7	0.77	2.0	1.3	3.5	3.1	2.9	3.1	0.42	0.51	1.5	1.4	0.61	0.51	2.8	1.1	1.4	0.96	NS	1.7	0.67	0.87	0.65	0.40	0.43	0.55	1.4
cis-1,2-Dichloroethene	0.22	0.67	0.2 U	0.38	0.27	0.04 U	0.16	0.16	0.17	1.1	0.27	0.52	0.040 NJ	0.040 U	0.31	0.40	0.52	0.075	0.67 NJ	0.12	0.24	0.16 U	NS	0.87	0.12 U	0.13	0.14	0.063	0.078	0.055	0.12
Ethylbenzene	1.4	1.1	2.7	0.91	0.87	0.28	2.9	0.96	2.0	4.0	1.3	1.1	0.43	0.32	0.52	0.48	0.69	0.43	1.4	0.43	1.5	0.91	NS	1.1	0.69	0.58	0.22	0.27	0.54	0.056	0.48
m-Xylene & p-Xylene	5	2.8	10	3.1	3.3	0.91	8.3	3.6	5.6	18.0	4.3	3.8	1.8	1	1.6	1.8	2.6	1.6	5.2	1.4	5.6	3.3	NS	4	2.5	1.9	0.69	0.78	1.6	0.087	1.6
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
Tetrachloroethene	0.77	0.68 U	0.75	0.6	3.1	0.088	0.52	2.6	0.51	8.8	2.0	2.0	0.35	0.31	1.6	0.52	1.1	1.6	0.38 U	0.16	0.34 U	0.27 U	NS	1.1	0.20 U	0.14	0.10 U	0.088	0.18	0.10	0.90
Toluene	9.6	4.1	11	7.5	5.7	1.4	9.4	2.9	9.4	10	6.8	4.5	1.5	1.8	3.1	4.1	11	2.8	8.3	4.1	12	14	NS	12	5.7	4.2	3.2	1.9	3.5	0.66	6.5
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
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
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.026 U	0.028	0.026 U	0.026 U	0.051 U	0.026 U	0.15 U	0.1 U	0.2 U	0.051 U	0.051 U	0.077 U	0.10 U	0.20 U	0.051 U	0.28 U	0.064 U	0.26 U	0.20 U	NS	0.26 U	0.15 U	0.10 U	0.077 U	0.051 U	0.10 U	0.051 U	0.10 U

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
Differential Pressure (inches water)	NA	NA	NA	NA	-0.03	-0.07	-0.15*	-0.15	-0.15	-0.15	-0.15	-0.11	-0.10	-0.08	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0	-0.12	0	0	0	0	0	0	0
1,1,1-Trichloroethane	NS	0.55 U	0.27 U	0.18	0.14	0.040 U	0.093	0.55 U	0.12	0.44 U	0.17	0.27	0.22 U	0.27 U	0.16 U	0.082 U	0.27 U	0.22 U	0.22 U	0.11 U	0.43 U	0.27 U	NS	0.060	NS	0.68 U	0.11 U	0.27 U	0.55 U	0.55 U	0.055 U
1,1,2,2-Tetrachloroethane	NS	0.69 U	0.34 U	0.069 U	0.069 U	0.069 U	0.069 U	0.69 U	0.069 U	0.55 U	0.21 U	0.21 U	0.27 U	0.34 U	0.21 U	0.10 U	0.34 U	0.27 U	0.27 UJ	0.14 U	0.54 U	0.34 U	NS	0.069 U	NS	0.86 U	0.14 U	0.34 U	0.69 U	0.69 U	0.069 U
1,1,2-Trichloroethane	NS	0.55 U	0.27 U	0.055 U	0.055 U	0.055 U	0.055 U	0.55 U	0.055 U	0.44 U	0.16 U	0.16 U	0.22 U	0.27 U	0.16 U	0.082 U	0.27 U	0.22 U	0.22 U	0.11 U	0.43 U	0.27 U	NS	0.055 U	NS	0.68 U	0.11 U	0.27 U	0.55 U	0.55 U	0.055 U
1,1-Dichloroethane	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.40 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.061 U	0.200 U	0.16 U	0.16 U	0.081 U	0.32 U	0.20 U	NS	0.040 U	NS	0.51 U	0.081 U	0.20 U	0.40 U	0.40 U	0.040 U
1,1-Dichloroethene	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.79 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.059 U	0.200 U	0.16 U	0.16 U	0.079 U	0.31 U	0.20 U	NS	0.040 U	NS	0.50 U	0.079 U	0.20 U	0.40 U	0.40 U	0.040 U
1,2-Dichloroethane	NS	0.40 U	0.20 U	0.081	0.057	0.040	0.040 U	0.40 U	0.040 U	0.65 U	0.24 U	0.24 U	0.32 U	0.40 U	0.24 U	0.12 U	0.40 U	0.32 U	0.32 U	0.16 U	0.65 U	0.40 U	NS	0.081 NJ	NS	1.0 U	0.16 U	0.40 U	0.81 U	0.81 U	0.081 U
Benzene	NS	0.64	1.6	1.7	1.7	0.51	0.96	0.96	2.4	2.9	2.8	2.1	0.13 U	0.38	1.1	1.1	0.42	0.38	1.6	0.8	1.5	0.99	NS	1.2	NS	0.99	0.489	0.45	0.39	1.7	0.22
cis-1,2-Dichloroethene	NS	1.6	0.95 NJ	2.4	0.24	0.19	0.87	1.1	0.29	1.2	0.29	0.56	0.44	0.48	0.21	0.23	0.87	0.18 NJ	0.31 NJ	0.18	0.39 NJ	0.40	NS	0.29	NS	0.69	0.12	0.20 U	0.42	0.40 U	0.13
Ethylbenzene	NS	0.48	1.4	0.78	0.61	0.22	1.7	0.83	1.2	3.5	1.6	0.65	0.17 U	0.24	0.32	0.38	0.56	0.25	0.78	0.28	1.4	0.69	NS	0.61	NS	0.65	0.11	0.22 U	0.52	0.43 U	0.043 U
m-Xylene & p-Xylene	NS	1.2	4.8	2.7	2.1	0.65	5.2	3.0	3.8	15	5.2	2.4	0.35 U	0.61	1.0	1.3	1.9	0.87	2.6	0.91	4.8	2.5	NS	2.4	NS	2.4	0.29	0.43 U	1.4	0.87 U	0.043 U
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
Tetrachloroethene	NS	0.88	0.54	3.7	1.2	0.14	0.41	1.4	0.35	4.8	1.5	1.0	0.27 U	0.55	0.75	0.23	0.62	0.37	0.27 U	0.22	0.54 U	0.34 U	NS	0.38	NS	0.85 U	0.14 U	0.34 U	0.68 U	0.68 U	0.068 U
Toluene	NS	1.3	7.2	9.8	4.1	0.90	4.5	3.0	6.4	16	7.5	3.1	0.15 U	0.87	1.9	2.8	3.5	1.8	4.5	1.7	17	5.7	NS	3.5	NS	4.5	0.71	0.44	4.6	2.5	0.091
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
Trichloroethene	NS	210	75	110	10	15	35	43	11	35	11	14	12	19	10	5.9	18	15	15	5.4	24	20	NS	5.4	NS	60	8.5	16	48	37	2.8
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

Sample Description	BUILDING 9 WAREHOUSE INDOOR AIR																													
Sample ID	IA-B9-02																													
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
1,1,1-Trichloroethane	0.15	0.55 U	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	0.49	0.055 U	0.060	0.33 U	0.14	0.10	0.11 U	0.55 U	0.43 U	0.43 U	0.065	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
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	NS	NS	NS	NS	NS	NS	NS	NS	0.34 U	0.069 U	0.069 U	0.41 U	0.14 U	0.069 U	0.14 U	0.69 UJ	0.54 U	0.54 U	0.069 U	1.1 U	0.27 U	0.069 U	0.086 U	0.43 U	0.14 U	0.069 U	0.069 U	0.27 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.41 U	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	0.55 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
1,1-Dichloroethane	0.080 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.081 U	0.040 U	0.081 U	0.40 U	0.32 U	0.32 U	0.040 U	0.65 U	0.16 U	0.040 U	0.051 U	0.25 U	0.081 U	0.040 U	0.040 U	0.16 U
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	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
1,2-Dichloroethane	0.080 U	0.40 U	0.30 U	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
Benzene	1.1	3.1	5.1	NS	NS	NS	NS	NS	NS	NS	NS	3.8	0.45	0.51	2.5	0.83	0.58	0.83	4.8	3.8 U	3.5	1.2	2.4	2.8	0.38	3.0	3.1	3.3	0.62	0.70	1.1
cis-1,2-Dichloroethene	0.056 U	2.2	3.0	NS	NS	NS	NS	NS	NS	NS	NS	0.87	0.083 NJ	0.040 U	0.99	1.1	0.79	0.14	1.8 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
Ethylbenzene	0.35	0.65	16	NS	NS	NS	NS	NS	NS	NS	NS	1.1	0.48	0.20	0.74	0.087 U	0.83	0.52	2.0	1.1	3.5	0.40	0.87	1.5	0.16	0.73	0.67	1.6	0.54	0.66	0.17 U
m-Xylene & p-Xylene	0.93	1.7	65	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
o-Xylene	0.34	0.61	16	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
Tetrachloroethene	1.9	2.0	7.5	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	0.68	0.58	0.19	0.13	1.7
Toluene	2.1	2.4	9.8	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	0.99	1.5	0.43
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	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
Trichloroethene	0.22	30	24	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	0.15	1.6	17
Vinyl chloride	0.020 U	0.26 U	0.19 U	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	0.064 U	0.32 U	0.10 U	0.051 U	0.051 U	0.20 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 intermittenly 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
1,1,1-Trichloroethane	0.29	2.0	0.65	0.65	0.24	0.40	0.82	0.87	0.25	0.093	0.15	0.87 J	0.25	0.25	0.16	0.60	0.22 U	0.37	0.14	0.55	0.37	0.12	0.11 NJ	0.34	0.34	0.15 U	0.13 NJ	0.28
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	0.069 U	0.27 U	0.34 U	0.27 U	0.21 U	0.10 U	0.069 U	0.069 U	0.34 U	0.12 U	0.12 U	0.10 U	0.21 UJ	0.27 U	0.43 U	0.069 U	0.62 U	0.14 U	0.082 U	0.11 U	0.14 U	0.14 U	0.19 U	0.069 U	0.14 U
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
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
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	0.099	0.16 U	0.20 U	0.16 U	0.23 J	0.059 U	0.04 U	0.040 U	0.20 U	0.067 U	0.067 U	0.059 U	0.15 NJ	0.16 U	0.25 U	0.04 U	0.36 U	0.12	0.048 U	0.066 U	0.79 U	0.094	0.11 U	0.04 U	0.079 U
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
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
cis-1,2-Dichloroethene	0.55	4.8	2.5	1.6	0.91	0.83 NJ	1.6	1.5	1.2	0.25	0.52	2.3	1.2	2.1	0.95	1.9	2.1	2.6	0.35	3.2	3.3	1.0	0.78	1.2	1.1	0.47	0.52	0.65
Ethylbenzene	1.4	1.0	3.0	1.9	1.6	0.74	2.6	1.1	0.69	0.52	0.30	1.0	0.91	1.80	0.19	1.1	3.2	3.6	0.96	1.5	2.7	1.1	0.83	0.63	1.1	1.5	1	1.2
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
o-Xylene	1.2	1.0	2.9	2.6	2.9	0.83	2.4	1.4	0.83	0.52	0.31	1.3	1.2	2.3	0.078	1.3	4.3	4.8	1.3	2.0	4.3	1.5 J	1.1	0.85	1.6	2.3	1.4	1.7
Tetrachloroethene	7.8	6.8	4.7	6.6	14	6.0	6.4	3.5	7.5	1.8	0.75	8.8	1.5	2.7	1.8	0.64	0.75	1.2	0.37	0.62 U	0.68	0.42	0.82	1.1	1.3	1.6	0.49	2.9
Toluene	12	11	6.0	5.3 J	3.7	3.6	11	7.5	2.2	1.5	1.2	5.3	5.3	2.5	1.4	5.3	7.9	17	3.4	6.0	5.7	3.0	4.6	2.6	2.7	4.5	2	1.9
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	0.040 U	0.16 U	0.20 U	0.16 U	0.12 U	0.059 U	0.04 U	0.040 U	0.20 U	0.067 U	0.067 U	0.059 U	0.12 U	0.16 U	0.25 U	0.04 U	0.36 U	0.079 U	0.048 U	0.066 U	0.79 U	0.079 U	0.110 U	0.040 U	0.079 U
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
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

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
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
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.21 U	0.34 U	0.27 U	0.21 U	0.096 U	0.069 U	0.10 U	0.34 U	0.21 U	0.21 U	0.10 U	0.27 UJ	0.23 U	0.43 U	0.10 U	0.62 U	0.14 U	0.069 U	0.14 U	0.10 U	0.14 U	0.069 U	0.069 U	0.10 U
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
1,1-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 UJ	0.12 U	0.20 U	0.16 U	0.12 U	0.057 U	0.04 U	0.061 U	0.20 U	0.12 U	0.12 U	0.061 U	0.16 U	0.13 U	0.25 U	0.061 U	0.37 U	0.081 U	0.040 U	0.081 U	0.061 U	0.081 U	0.040 U	0.040 U	0.061 U
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
1,2-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 U	0.24 U	0.40 U	0.32 U	0.24 U	0.12 U	0.081 U	0.12 U	0.40 U	0.24 U	0.24 U	0.12 U	0.32 U	0.27 U	0.49 U	0.12 U	0.73 U	0.16 U	0.085 NJ	0.16 U	0.12 U	0.16 U	0.081 U	0.081 U	0.12 U
Benzene	1.6	3.5	3.0	4.2	1.9	2.9	7.3	4.8	1.2	0.61	0.80	3.8	3.1	1.1	1.2	3.2	4.5	1.9	1.3	2.8	2.3	1.2	1.6	2.8	2.4	0.8	1.1	1.4
cis-1,2-Dichloroethene	1.8	5.6	3.0	1.5	1.1	1.1 NJ	2.0	1.7	0.71	0.39	0.79	2.3	1.1	1.3	0.87	2.1	2.3	0.95 NJ	0.30	3.5	3.8	1.3	0.90	1.2	1.4	0.38	0.34	0.84
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
m,p-Xylene	15	3.2	12	6.9 J	6.9	2.8	6.9	4.8	2.9	2.4	2.0	4.1	3.8	8.7	4.0	5.2	13	7.8 J	3.2	5.6	15	7.8	3.3	2.6	5.2	6	3.2	5.7 J
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
Tetrachloroethene	18	8.1	5.4	14 J	14	6.8	6.8	4.5	5.6	3	1.3	8.8	1.3	1.2	0.75	0.68	0.81	0.81	0.31	0.62 U	0.81	0.59	0.93	1.3	1.6	1.3	0.38	3.6 J
Toluene	10	9.8	6	7.5 J	4.5	3.8	9.8	7.9	2.9	2.1	2.1	7.5	7.9	2.9	3.0	6.8	9.0	11	3.2	6.0	6.8	3.8 J	4.8	3.3	3.3	2.7	1.3	2.4 J
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.040 U	0.12 U	0.20 U	0.16 U	0.12 U	0.056 U	0.04 U	0.059 U	0.20 U	0.12 U	0.12 U	0.059 U	0.16 U	0.13 U	0.25 U	0.12	0.36 U	0.079 U	0.040 U	0.079 U	0.059 U	0.079 U	0.040 U	0.040 U	0.059 U
Trichloroethene	39	97	42	81	3.9	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	4.6	0.86	1.2	6.2
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

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	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11
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
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
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
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
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
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
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
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
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
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
o-Xylene	1600 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
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
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
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
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
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

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
1,1,1-Trichloroethane	0.55	2.8	1.0	1.0	0.22 U	1.6	1.1	0.82	0.38	0.45	0.87 J	0.20	0.21	1.6	1.4	0.65	0.53	0.39	1.4	1.2	0.93	0.27 J	0.59	0.72	0.21	0.82	0.68
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.14 U	0.069 U	0.27 U	0.21 U	0.27 U	0.14 U	0.10 U	0.14 U	0.27 U	0.12 U	0.12 U	0.10 U	0.14 UJ	0.14 U	0.27 U	0.14 U	0.069 U	0.069 U	0.14 U	0.27 UJ	0.14 U	0.069 U	0.10 U	0.069 U	0.069 U
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
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
1,1-Dichloroethene	0.044	0.52	0.23	0.14	0.16 U	0.12 U	0.16 U	0.17 J	0.067	0.079 U	0.16 U	0.067 U	0.079	0.39	0.29 NJ	0.14	0.27	0.079 U	0.40	0.34	0.31	0.16 UJ	0.21	0.18	0.058	0.15	0.22 NJ
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
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
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
Ethylbenzene	2.4	0.69	0.74	3.9	4.2	2.9	3.6	1.3	2.0	2.0	1.3	0.83	2.9 NJ	0.96	0.74	1.4	2.6	1.8	0.16	0.48	2.1	1.3 J	0.54	0.45	1.4	1.8	1.3
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
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
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
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
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
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
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

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
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
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
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
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
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
1,2-Dichloroethane	0.08 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	4.0 U
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
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
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
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
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
Tetrachloroethene	37	NS	NS	14 U	NS	NS	13	NS	NS	NS	5.8	NS	NS	NS	3.5	NS	NS	NS	3.3	NS	NS	NS	2.6	NS	NS	NS	6.8 U
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
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
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
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

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
1,1,1-Trichloroethane	0.58	1.9	1.0	0.93	0.23	1.5	1.1	1.1	0.41	0.45	0.93 J	0.27	0.25	1.3	1.3	0.65	0.35	0.35	1.5	1.3	0.82	0.26	0.75	0.54	0.33 NJ	0.46	0.50
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.21 U	0.069 U	0.27 U	0.27 U	0.27 U	0.21 U	0.082 U	0.14 U	0.27 U	0.14 U	0.14 U	0.069 U	0.14 UJ	0.10 U	0.17 U	0.14 U	0.069 U	0.069 U	0.10 U	0.17 U	0.069 U	0.069 U	0.14 U	0.069 U	0.069 U
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
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
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
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
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
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
Ethylbenzene	3.1	0.78	0.56	3.9	4.8	3.0	3.7	1.9	3.7	2.6	1.3	1.4	4.3	0.96	0.52	1.6	2.7	2.0	0.36	0.61	2.8	1.4	0.26	0.47	1.8	1.4	1.2
m,p-Xylene	9.6	2.6	1.7	12	21	11	9.1	6.1	9.6	9.1	4.3	5.2	17 E	3.5	1.7	5.6	9.1	6.9	1.2	2.0	9.6	4.6	0.67 U	1.7	6.8	5.4	2.7
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
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
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
trans-1,2-Dichloroethene	0.056 U	0.04 U	0.12 U	0.040 U	0.16 U	0.16 U	0.16 U	0.12 U	0.048 U	0.079 U	0.16 U	0.079 U	0.079 U	0.040 U	0.079 U	0.059 U	0.099 U	0.079 U	0.04 U	0.040 U	0.059 U	0.10 U	0.040 U	0.040 U	0.079 U	0.040 U	0.040 U
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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	0.1 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 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
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
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	0.1	0.24 U	0.66	0.14	0.16 U	0.083	0.17
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
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
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
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
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
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	0.1 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U
Trichloroethene	2.7	13	5.9	5.9	18	0.64	1.1	3.9	9.7	1.5	1.2 J	6.4	4.8	2.5	0.70	5.4	4.7	1.1	1.3	8.9	1.6	1.0	1.3	3.5
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

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
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
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
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
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
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
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
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
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
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
m-Xylene & p-Xylene	26 U	NS	NS	22 U	8.7 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	1.7 U	1.7 U	2.2 U	2.2 U	2.2 U	2.7	10	2.2 UJ
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
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
Toluene	22 U	NS	NS	7.5 U	3.0 U	1.2	0.79	0.75 U	0.75 U	0.75 U	1.2	0.75 U	0.75 U	1.1	0.75 U	2.5	0.75 U	0.75 U	0.75 U	0.75 U	0.94	1.7	15	0.75 UJ
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
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
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

Sample Description	BUILDING 7 OFFICE INDOOR AIR																						
Sample ID	IA-B7-02																						
Date Collected																						9/21/11	12/20/11
1,1,1-Trichloroethane																						0.055 U	0.22 U
1,1,2,2-Tetrachloroethane																						0.069 U	0.27 U
1,1,2-Trichloroethane																						0.055 U	0.22 U
1,1-Dichloroethane																						0.04 U	0.16 U
1,1-Dichloroethene																						0.04 U	0.16 U
1,2-Dichloroethane																						0.081 U	0.32 U
Benzene																						0.38	1.5
cis-1,2-Dichloroethene																						0.04 U	0.17
Ethylbenzene																						0.21	0.57
m-Xylene & p-Xylene																						0.63	1.7
o-Xylene																						0.21	0.62
Tetrachloroethene																						0.07 U	2.0
Toluene																						1.4	14
trans-1,2-Dichloroethene																						0.04 U	0.16 U
Trichloroethene																						0.82	3.8
Vinyl chloride																						0.05 U	0.20 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
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
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
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
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
1,1-Dichloroethene	0.04 U	0.4 U	0.20 U	0.075	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.099 U	0.099 U	0.099 U	0.40 U	0.31 U	0.31 U	0.040 U	0.79 U	0.12 U	0.040 U	0.079 U	0.25 U	0.10 U	0.079 U	0.04 U	0.099 U
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
Benzene	0.90	3.1	3.5	3.8	3.2	2.2	7.0	6.4	0.67	0.58	2.6	2.8	0.77	0.70	4.2	4.2	4.5	1.4	3.2	2.5	1.2	1.7	4.1	2.6	1.3	0.84	1.7
cis-1,2-Dichloroethene	0.70	4.0	4.4	1.4	4.0	0.95 NJ	2.6	1.9	0.63	0.38	2.8	2.5	3.2	0.75	2.9	3.2	7.5	2.2	3.5	4.4	1.8	1.8	2.3	0.96	0.31	0.64	1.3
Ethylbenzene	0.59	0.91	6.9	1.7	1.6	0.65	2.4	1.0	0.39	0.24	0.74	0.74	1.90	0.42	1.7	2.1	4.8	0.69	1.4	2.1	0.83	0.89	0.72	1.1	0.74	0.61	0.93
m,p-Xylene	1.8	2.8	29	4.3	6.1	2.0	6.9	3.5	1.3	0.61	2.5	2.8	6.9	1.4	6.5	7.4	18	2.3	4.3	8.7	3.0	3.2	2.2	2.9	2.4	2.0	2.5
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
Tetrachloroethene	6.4	5.2	8.1	22	20	4.1	10	6.2	2.5	0.43	9.5	2.8	1.7	12	1.0	1.2	3.1	0.66	1.4 U	1.5	0.75	0.50	0.71	0.64	0.79	0.19	3.2
Toluene	4.3	5.3	8.7	4.9 J	4.5	3.5	9.4	6.0 J	1.6	1.1	3.8	4.5	2.6	2.2	11	11	28	2.8	7.2	7.2	2.2	5.1	3.9	3.7	3.8	1.5	2.0
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.044	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.099 U	0.099 U	0.099 U	0.40 U	0.31 U	0.31 U	0.040 U	0.79 U	0.12 U	0.040 U	0.079 U	0.25 U	0.10 U	0.079 U	0.040 U	0.099 U
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
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

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
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
1,1,2,2-Tetrachloroethane	32 U	NS	NS	14 U	NS	NS	21 U	NS	NS	NS	14 U	NS	NS	NS	11 U	NS	NS	NS	11 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 UJ
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
1,1-Dichloroethane	19 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	NS	8.1 U	NS	NS	NS	6.5 U	NS	NS	NS	6.5 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 UJ
1,1-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	12 U	NS	NS	NS	7.9 U	NS	NS	NS	6.3 U	NS	NS	NS	6.3 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 UJ
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
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
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
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
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
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
Tetrachloroethene	32 U	NS	NS	14 U	NS	NS	20 U	NS	NS	NS	14 U	NS	NS	NS	11 U	NS	NS	NS	11 U	NS	NS	NS	3.6	NS	NS	NS	6.5 J
Toluene	18 U	NS	NS	7.5 U	NS	NS	11 U	NS	NS	NS	7.5 U	NS	NS	NS	6.0 U	NS	NS	NS	6.0 U	NS	NS	NS	3.7	NS	NS	NS	1.3 J
trans-1,2-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	12 U	NS	NS	NS	7.9 U	NS	NS	NS	6.3 U	NS	NS	NS	6.3 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 UJ
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
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

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	2/14/06	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
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
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
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
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
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
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
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
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
Ethylbenzene	2.1	0.65	2.3	1.3	2.3	0.69	2.8	0.78	0.52	0.42	0.78	0.87	1.4 NJ	0.48	1.5	2.3	5.2	1.0	1.3	2.5	1.2	0.91	1.1	1.1	0.75	0.61	0.98
m,p-Xylene	7.5	2.0	9.1	3.4	9.1	2.3	7.8	2.9	1.7	1.3	2.2	3.2	5.2	1.8	6.1	9.6	17	3.4	4.8	10	4.8	3.2	3.4	3.6	2.6	2.1	3.3
o-Xylene	2.7	0.74	2.4	1.8	3.6	0.78	2.5	1.0	0.56	0.48	0.69	1.1	1.8	0.65	1.9	3.0	5.2	1.2	1.6	3.6	1.6 J	1.1	1.2	1.2	0.93	0.76	1.2
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
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
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
Trichloroethene	4.5	12	19	32	9.1	7.0	32	15	3.0	4.9	23	9.7	2.8	4.8	19	21	15	4.6	25	9.7	6.4	3.8	13	5.7	0.91	1.1	8.0
Vinyl chloride	0.020 U	0.13 U	0.10 NJ	0.066 J	0.26 U	0.10 U	0.41 U	0.20 U	0.051 U	0.064 U	0.31 U	0.10 U	0.10 U	0.077 U	0.31 U	0.41 U	0.41 U	0.12	0.41 U	0.15 U	0.095 NJ	0.15 U	0.16 U	0.1 U	0.051 U	0.051 U	0.13 U

Building Number	BUILDING 10A SUB-SLAB VAPOR																										
Sample ID	SVSS-B10A-01																										
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11
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
1,1,2,2-Tetrachloroethane	3.2 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U
1,1,2-Trichloroethane	2.3 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U
1,1-Dichloroethane	2.5	NS	NS	8.1 U	NS	NS	2.1	NS	NS	NS	0.81 U	NS	NS	NS	1.5	NS	NS	NS	1.4	NS	NS	NS	1.8	NS	NS	NS	1.8
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
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
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
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
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
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
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
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
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
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
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
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

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	6/22/11	9/21/11	12/20/11
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
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
1,1,2-Trichloroethane	0.1 U	0.27 U	0.11 U	0.16 U	0.22 U	0.055 U	0.55 U	0.082 U	0.082 U	0.055 U	0.22 U	0.16 U	0.18 U	0.18 U	0.82 U	0.11 U	0.11 U	0.44 U	0.055 U	0.33 U	0.055 U	0.11 U	0.055 U	0.055 U	0.055 U
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
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
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
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
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
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
m-Xylene & p-Xylene	12	2.6	1.7	6.1	2.6	0.74	12	1.7	2.6	2.6	3.2	2.9	3.7	3.8	17	2.3	3.2	6.5	2.0	11	0.35	1.3	1.3	0.32	3.7
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
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
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
trans-1,2-Dichloroethene	0.06 U	0.2 U	0.079 U	0.12 U	0.16 U	0.04 U	0.4 U	0.059 U	0.059 U	0.04 U	0.16 U	0.12 U	0.13 U	0.13 U	0.59 U	0.079 U	0.079 U	0.32 U	0.040 U	0.24 U	0.040 U	0.079 U	0.040 U	0.04 U	0.040 U
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
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

Sample Location	BUILDING 1A BASEMENT																								
Sample ID	IA-B1A-BASE																								
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/24/10	8/30/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11
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
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
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
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
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
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
Benzene	NS	0.77	1.1	2.7	3.5	0.35	0.45	1.1	0.73	0.14	0.70	2.0	1.7	1.5	2.8	1.1	0.86	2.3	1.9	1.8	0.96	4.4	0.28	0.55	0.49
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
Ethylbenzene	NS	0.43 U	0.3	1.7	0.87 U	1.4	0.48	0.48	0.32	0.091	0.48	0.56	0.56	0.43	2.9	0.26 U	0.52	1.7 U	1.1	0.91	0.17 NJ	0.65 U	0.32	0.35	0.43
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
o-Xylene	NS	0.43 U	0.27	1.3	0.87 U	0.83	0.32	0.37	0.30	0.10	0.56	0.78	1.1	0.52	2	0.28	0.40	1.7 U	1.1	1.1	0.17	0.65 U	0.39	0.19	0.79
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
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
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
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
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

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
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
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	0.10 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.055 U	0.055 U	0.055 U	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
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
1,1-Dichloroethene	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.040 U	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
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
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
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
Ethylbenzene	0.35	0.13	0.19	0.043 U	0.087	NS	0.15	0.10	0.078	0.16	0.091	0.22	0.25	0.69	0.48	0.061	0.52	0.069	0.29	0.11	0.084	0.32	0.085	0.052
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
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
Tetrachloroethene	0.30	0.068 U	0.075	0.088	0.068 U	NS	0.11	0.068 U	0.068 U	0.068 U	0.068 U	0.088	0.14	0.14 U	0.075	0.068 U	0.26	0.068	0.077	0.068 U	0.071 U	0.12	0.068 U	0.11
Toluene	3.2	0.64	0.90	0.22	0.49	NS	1.0	0.53	0.36	1.7	0.57	1.2	0.98	5.3	1.2	0.35	4.1	0.45	2.4	0.65	0.48	3.3	0.82	0.47
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
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
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

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
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
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
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
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
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
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
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
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
Ethylbenzene	0.16	0.091	0.15	0.10	0.061	0.091	0.15	0.19	0.065	0.12	0.096	0.18	0.18	0.23	0.14	0.065	0.15	0.16	0.19	0.28	0.061	0.10	0.22	0.043 U
m,p-Xylene	0.32	0.26	0.34	0.29	0.16	0.22	0.43	0.56	0.20	0.38	0.24	0.48	0.41	0.69	0.43	0.18	0.43	0.48	0.46	0.72	0.18	0.30	0.66	0.043 U
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
Tetrachloroethene	0.14 U	0.068 U	0.068	0.075	0.068 U	0.081	0.12	0.068 U	0.068 U	0.068 U	0.068 U	0.095	0.14	0.088	0.068 U	0.068 U	0.095	0.081	0.068 U	0.33	0.068 U	0.068 U	0.16	0.068 U
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
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
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
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

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
Facsimile 518-251-4428

January 18, 2012

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 Air and Soil Vapor samples- December 2011
TestAmerica-VT SDG No. 220-8647-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on 12/20/11 at the Seneca Falls, NY site. Fifteen 6-L summa canister indoor/outdoor air samples, an indoor air field duplicate, six 6-L summa canister soil vapor samples, and a soil vapor field duplicate were analyzed for sixteen site-specific volatile analytes using USEPA method TO-15 (for soil vapor samples) and low level USEPA method TO-15 (for indoor/ outdoor air samples).

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
* Blind Field Duplicate Correlations
* Internal Standard Recoveries
* Method and Canister Blanks
* Laboratory Control Samples (LCSs)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

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

In summary, sample processing was conducted in compliance with project requirements. All sample results are usable either as reported, or with minor qualification. The blind duplicate correlations for several analytes in the indoor air sample are poor.

A copy of the laboratory case narrative is attached to this text, and should be reviewed in conjunction with this report. Also attached are the laboratory sample result forms edited to reflect the validation qualifiers noted within this report.

Chain-of-Custody/Sample Receipt

Samples SVSS-B7-01 and SVSS-10-01 were received at ambient pressure. Therefore, results for those two samples have been qualified as estimated in value.

Volatile Analyses by EPA TO-15

Results for the following analytes have been qualified as tentative in identification and estimated in value due to interferences in the mass spectra:

- 1,1-dichloroethene in IA-13A-01, IA-B11-02, and IA-B13-01
- cis-1,2-dichloroethene in IA-13-01
- o-xylene in IA-13-01 and IA-13A-01

The following results have been edited to non-detection at elevated reporting limits due to very poor mass spectral quality:

- 1,2-dichloroethane in IA-B13-01
- 1,1,1-trichloroethane in IA-DUPE
- 1,1,2,2-tetrachloroethane in IA-B7-01

The blind field duplicate correlations for sample SVSS-B11-01 fall within validation guidelines. The blind field duplicate correlations for sample IA-B11-02 shows outliers for the following analytes, results for which are qualified as estimated in that parent sample and its duplicate:

tetrachloroethene, toluene, ethylbenzene, o-xylene, m,p-xylene (all >±CRDL; ethylbenzene m,p-xylene, and o-xylene exceed an order of magnitude)

Holding times and instrument tunes meet requirements. Internal standard recoveries are acceptable. Method and canister blanks show no contamination. The clean canister certification raw data documentation was reviewed during validation.

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

Following a laboratory screening, several of the samples were processed at initial dilution due to detected target analyte concentrations. Therefore, reporting limits for the compounds that were not detected are elevated in those samples. SVSS-13-01 was processed at fivefold dilution, with no resulting detections at the elevated reporting limits, due to a large non-target analyte.

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 CASE NARRATIVE

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-8647-1	IA-B10-01	Air	12/20/2011 1529	12/21/2011 1200
200-8647-2	IA-B10A-01	Air	12/20/2011 1439	12/21/2011 1200
200-8647-3	IA-B11-01	Air	12/20/2011 1532	12/21/2011 1200
200-8647-4	IA-B11-02	Air	12/20/2011 1438	12/21/2011 1200
200-8647-5	IA-B13-01	Air	12/20/2011 1454	12/21/2011 1200
200-8647-6	IA-B13A-01	Air	12/20/2011 1533	12/21/2011 1200
200-8647-7	IA-B1A-01	Air	12/20/2011 1455	12/21/2011 1200
200-8647-8	IA-B1A-BASE	Air	12/20/2011 1508	12/21/2011 1200
200-8647-9	IA-B9-01	Air	12/20/2011 1527	12/21/2011 1200
200-8647-10	IA-B9-02	Air	12/20/2011 1527	12/21/2011 1200
200-8647-11	IA-B9-CS	Air	12/20/2011 1523	12/21/2011 1200
200-8647-12	IA-B7-01	Air	12/20/2011 1517	12/21/2011 1200
200-8647-13	IA-B7-02	Air	12/20/2011 1524	12/21/2011 1200
200-8647-14	OA-B2-01	Air	12/20/2011 1453	12/21/2011 1200
200-8647-15	OA-B11-01	Air	12/20/2011 1518	12/21/2011 1200
200-8647-16	IA-DUPE	Air	12/20/2011 1458	12/21/2011 1200
200-8647-17	SVSS-B10-01	Air	12/20/2011 1424	12/21/2011 1200
200-8647-18	SVSS-B10A-01	Air	12/20/2011 1438	12/21/2011 1200
200-8647-19	SVSS-B11-01	Air	12/20/2011 1408	12/21/2011 1200
200-8647-20	SVSS-B13-01	Air	12/20/2011 1424	12/21/2011 1200
200-8647-21	SVSS-B13A-01	Air	12/20/2011 1445	12/21/2011 1200
200-8647-22	SVSS-B7-01	Air	12/20/2011 1415	12/21/2011 1200
200-8647-23	SVSS-DUPE	Air	12/20/2011 1408	12/21/2011 1200

CASE NARRATIVE

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Project: Seneca Falls

Report Number: 200-8647-1

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

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

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

RECEIPT
The samples were received on 12/21/2011; the samples arrived in good condition.

VOLATILE ORGANIC COMPOUNDS
Samples SVSS-B10-01, SVSS-B10A-01, SVSS-B11-01, SVSS-B13-01, SVSS-B13A-01, SVSS-B7-01 and SVSS-DUPE were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 12/27/2011 and 12/28/2011.

Sample SVSS-B13-01[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOC analyses.

All quality control parameters were within the acceptance limits.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS
Samples IA-B10-01, IA-B10A-01, IA-B11-01, IA-B11-02, IA-B13-01, IA-B13A-01, IA-B1A-01, IA-B1A-BASE, IA-B9-01, IA-B9-02, IA-B9-CS, IA-B7-01, IA-B7-02, OA-B2-01, OA-B11-01 and IA-DUPE were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 01/05/2012 and 01/06/2012.

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

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

QUALIFIED LABORATORY RESULTS FORMS

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-B10-01**

Lab Sample ID: 200-8647-17
Client Matrix: Air

Date Sampled: 12/20/2011 1424
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl014.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/27/2011 2045			Final Weight/Volume:	200 mL
Prep Date:	12/27/2011 2045			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U UJ	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.20	U	0.035	0.20
cis-1,2-Dichloroethene	0.20	U	0.014	0.20
1,1,1-Trichloroethane	0.20	U	0.035	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	6.3	J	0.030	0.20
Toluene	0.33	J	0.018	0.20
1,1,2-Trichloroethane	0.20	U UJ	0.019	0.20
Tetrachloroethene	0.96	J	0.011	0.20
Ethylbenzene	0.20	U UJ J	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U UJ	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	0.81	U	0.14	0.81
cis-1,2-Dichloroethene	0.79	U	0.056	0.79
1,1,1-Trichloroethane	1.1	U	0.19	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	34	J	0.16	1.1
Toluene	1.3	J	0.068	0.75
1,1,2-Trichloroethane	1.1	U UJ	0.10	1.1
Tetrachloroethene	6.5	J	0.075	1.4
Ethylbenzene	0.87	U UJ	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-B10A-01**

Lab Sample ID: 200-8647-18
Client Matrix: Air

Date Sampled: 12/20/2011 1438
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl015.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/27/2011 2137			Final Weight/Volume:	200 mL
Prep Date:	12/27/2011 2137			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.43		0.035	0.20
cis-1,2-Dichloroethene	0.20	U	0.014	0.20
1,1,1-Trichloroethane	0.43		0.035	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	2.2		0.030	0.20
Toluene	0.25		0.018	0.20
1,1,2-Trichloroethane	0.20	U	0.019	0.20
Tetrachloroethene	7.3		0.011	0.20
Ethylbenzene	0.20	U	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	1.8		0.14	0.81
cis-1,2-Dichloroethene	0.79	U	0.056	0.79
1,1,1-Trichloroethane	2.3		0.19	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	12		0.16	1.1
Toluene	0.96		0.068	0.75
1,1,2-Trichloroethane	1.1	U	0.10	1.1
Tetrachloroethene	50		0.075	1.4
Ethylbenzene	0.87	U	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-B11-01**

Lab Sample ID: 200-8647-19
Client Matrix: Air

Date Sampled: 12/20/2011 1408
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/27/2011 2230			Final Weight/Volume:	200 mL
Prep Date:	12/27/2011 2230			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.20	U	0.035	0.20
cis-1,2-Dichloroethene	0.42		0.014	0.20
1,1,1-Trichloroethane	0.20	U	0.035	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	3.8		0.030	0.20
Toluene	0.35		0.018	0.20
1,1,2-Trichloroethane	0.20	U	0.019	0.20
Tetrachloroethene	0.63		0.011	0.20
Ethylbenzene	0.20	U	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	0.81	U	0.14	0.81
cis-1,2-Dichloroethene	1.7		0.056	0.79
1,1,1-Trichloroethane	1.1	U	0.19	1.1
Benzene	0.64		0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	20		0.16	1.1
Toluene	1.3		0.068	0.75
1,1,2-Trichloroethane	1.1	U	0.10	1.1
Tetrachloroethene	4.3		0.075	1.4
Ethylbenzene	0.87	U	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-B13-01**

Lab Sample ID: 200-8647-20
Client Matrix: Air

Date Sampled: 12/20/2011 1424
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl017.d
Dilution:	5.0			Initial Weight/Volume:	40 mL
Analysis Date:	12/27/2011 2322			Final Weight/Volume:	200 mL
Prep Date:	12/27/2011 2322			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.16	1.0
1,1-Dichloroethane	1.0	U	0.18	1.0
cis-1,2-Dichloroethene	1.0	U	0.070	1.0
1,1,1-Trichloroethane	1.0	U	0.18	1.0
Benzene	1.0	U	0.090	1.0
1,2-Dichloroethane	1.0	U	0.16	1.0
Trichloroethene	1.0	U	0.15	1.0
Toluene	1.0	U	0.090	1.0
1,1,2-Trichloroethane	1.0	U	0.095	1.0
Tetrachloroethene	1.0	U	0.055	1.0
Ethylbenzene	1.0	U	0.11	1.0
m-Xylene & p-Xylene	2.5	U	0.24	2.5
o-Xylene	1.0	U	0.11	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.20	1.0

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	2.6	U	0.37	2.6
1,1-Dichloroethene	4.0	U	0.59	4.0
trans-1,2-Dichloroethene	4.0	U	0.63	4.0
1,1-Dichloroethane	4.0	U	0.71	4.0
cis-1,2-Dichloroethene	4.0	U	0.28	4.0
1,1,1-Trichloroethane	5.5	U	0.95	5.5
Benzene	3.2	U	0.29	3.2
1,2-Dichloroethane	4.0	U	0.63	4.0
Trichloroethene	5.4	U	0.81	5.4
Toluene	3.8	U	0.34	3.8
1,1,2-Trichloroethane	5.5	U	0.52	5.5
Tetrachloroethene	6.8	U	0.37	6.8
Ethylbenzene	4.3	U	0.48	4.3
m-Xylene & p-Xylene	11	U	1.0	11
o-Xylene	4.3	U	0.48	4.3
1,1,2,2-Tetrachloroethane	6.9	U	1.4	6.9

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-B13A-01**

Lab Sample ID: 200-8647-21
Client Matrix: Air

Date Sampled: 12/20/2011 1445
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl018.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/28/2011 0015			Final Weight/Volume:	200 mL
Prep Date:	12/28/2011 0015			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.20	U	0.035	0.20
cis-1,2-Dichloroethene	0.20	U	0.014	0.20
1,1,1-Trichloroethane	0.20	U	0.035	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	0.20	U	0.030	0.20
Toluene	0.30		0.018	0.20
1,1,2-Trichloroethane	0.20	U	0.019	0.20
Tetrachloroethene	0.20	U	0.011	0.20
Ethylbenzene	0.20	U	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	0.81	U	0.14	0.81
cis-1,2-Dichloroethene	0.79	U	0.056	0.79
1,1,1-Trichloroethane	1.1	U	0.19	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	1.1	U	0.16	1.1
Toluene	1.1		0.068	0.75
1,1,2-Trichloroethane	1.1	U	0.10	1.1
Tetrachloroethene	1.4	U	0.075	1.4
Ethylbenzene	0.87	U	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-B7-01**

Lab Sample ID: 200-8647-22
Client Matrix: Air

Date Sampled: 12/20/2011 1415
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl019.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/28/2011 0107			Final Weight/Volume:	200 mL
Prep Date:	12/28/2011 0107			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U UJ	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.20	U	0.035	0.20
cis-1,2-Dichloroethene	0.20	U	0.014	0.20
1,1,1-Trichloroethane	0.20	U	0.035	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	4.2	J	0.030	0.20
Toluene	0.20	U UJ	0.018	0.20
1,1,2-Trichloroethane	0.20	U UJ	0.019	0.20
Tetrachloroethene	0.56	J	0.011	0.20
Ethylbenzene	0.20	U UJ	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U UJ	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	0.81	U	0.14	0.81
cis-1,2-Dichloroethene	0.79	U	0.056	0.79
1,1,1-Trichloroethane	1.1	U	0.19	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	23	J	0.16	1.1
Toluene	0.75	U UJ	0.068	0.75
1,1,2-Trichloroethane	1.1	U UJ	0.10	1.1
Tetrachloroethene	3.8	J	0.075	1.4
Ethylbenzene	0.87	U UJ	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **SVSS-DUPE**

Lab Sample ID: 200-8647-23
Client Matrix: Air

Date Sampled: 12/20/2011 1408
Date Received: 12/21/2011 1200

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-31394	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bkjl020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	12/28/2011 0200			Final Weight/Volume:	200 mL
Prep Date:	12/28/2011 0200			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.20	U	0.035	0.20
cis-1,2-Dichloroethene	0.44		0.014	0.20
1,1,1-Trichloroethane	0.20	U	0.035	0.20
Benzene	0.20		0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	4.0		0.030	0.20
Toluene	0.21		0.018	0.20
1,1,2-Trichloroethane	0.20	U	0.019	0.20
Tetrachloroethene	0.65		0.011	0.20
Ethylbenzene	0.20	U	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	0.81	U	0.14	0.81
cis-1,2-Dichloroethene	1.7		0.056	0.79
1,1,1-Trichloroethane	1.1	U	0.19	1.1
Benzene	0.63		0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	22		0.16	1.1
Toluene	0.81		0.068	0.75
1,1,2-Trichloroethane	1.1	U	0.10	1.1
Tetrachloroethene	4.4		0.075	1.4
Ethylbenzene	0.87	U	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B10-01**

Lab Sample ID: 200-8647-1
Client Matrix: Air

Date Sampled: 12/20/2011 1529
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera006.d
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	01/05/2012 1527			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 1527			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.33		0.025	0.025
1,1,1-Trichloroethane	0.039		0.025	0.025
Benzene	0.53		0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050
Trichloroethene	2.5		0.025	0.025
Toluene	0.54		0.025	0.025
1,1,2-Trichloroethane	0.025	U	0.025	0.025
Tetrachloroethene	0.48		0.025	0.025
Ethylbenzene	0.21		0.025	0.025
o-Xylene	0.22		0.025	0.025
1,1,2,2-Tetrachloroethane	0.025	U	0.025	0.025
m-Xylene & p-Xylene	0.59		0.025	0.025

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	1.3		0.099	0.099
1,1,1-Trichloroethane	0.21		0.14	0.14
Benzene	1.7		0.080	0.080
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	13		0.13	0.13
Toluene	2.0		0.094	0.094
1,1,2-Trichloroethane	0.14	U	0.14	0.14
Tetrachloroethene	3.2		0.17	0.17
Ethylbenzene	0.93		0.11	0.11
o-Xylene	0.95		0.11	0.11
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.17
m-Xylene & p-Xylene	2.5		0.11	0.11

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B10A-01**

Lab Sample ID: 200-8647-2
Client Matrix: Air

Date Sampled: 12/20/2011 1439
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera007.d
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	01/05/2012 1622			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 1622			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.53		0.025	0.025
1,1,1-Trichloroethane	0.052		0.025	0.025
Benzene	0.55		0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050
Trichloroethene	1.5		0.025	0.025
Toluene	0.71		0.025	0.025
1,1,2-Trichloroethane	0.025	U	0.025	0.025
Tetrachloroethene	0.54		0.025	0.025
Ethylbenzene	0.23		0.025	0.025
o-Xylene	0.29		0.025	0.025
1,1,2,2-Tetrachloroethane	0.025	U	0.025	0.025
m-Xylene & p-Xylene	0.77		0.025	0.025

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	2.1		0.099	0.099
1,1,1-Trichloroethane	0.28		0.14	0.14
Benzene	1.8		0.080	0.080
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	8.0		0.13	0.13
Toluene	2.7		0.094	0.094
1,1,2-Trichloroethane	0.14	U	0.14	0.14
Tetrachloroethene	3.7		0.17	0.17
Ethylbenzene	0.98		0.11	0.11
o-Xylene	1.2		0.11	0.11
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.17
m-Xylene & p-Xylene	3.3		0.11	0.11

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B11-01**

Lab Sample ID: 200-8647-3
Client Matrix: Air

Date Sampled: 12/20/2011 1532
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera025.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	01/06/2012 0843			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0843			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.16		0.020	0.020
1,1,1-Trichloroethane	0.051		0.020	0.020
Benzene	0.40		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	0.89		0.020	0.020
Toluene	0.52		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.42		0.020	0.020
Ethylbenzene	0.28		0.020	0.020
o-Xylene	0.40		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	1.0		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.65		0.079	0.079
1,1,1-Trichloroethane	0.28		0.11	0.11
Benzene	1.3		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	4.8		0.11	0.11
Toluene	1.9		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	2.9		0.14	0.14
Ethylbenzene	1.2		0.087	0.087
o-Xylene	1.7		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	4.5		0.087	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B11-02**

Lab Sample ID: 200-8647-4
Client Matrix: Air

Date Sampled: 12/20/2011 1438
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera009.d
Dilution:	1.5			Initial Weight/Volume:	333 mL
Analysis Date:	01/05/2012 1811			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 1811			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.030	U	0.030	0.030
1,1-Dichloroethene	0.021	NJ	0.015	0.015
trans-1,2-Dichloroethene	0.015	U	0.015	0.015
1,1-Dichloroethane	0.015	U	0.015	0.015
cis-1,2-Dichloroethene	0.21		0.015	0.015
1,1,1-Trichloroethane	0.064		0.015	0.015
Benzene	0.43		0.015	0.015
1,2-Dichloroethane	0.030	U	0.030	0.030
Trichloroethene	1.2		0.015	0.015
Toluene	0.64	J	0.015	0.015
1,1,2-Trichloroethane	0.015	U	0.015	0.015
Tetrachloroethene	0.53	J	0.015	0.015
Ethylbenzene	0.36	↓	0.015	0.015
o-Xylene	0.51	↓	0.015	0.015
1,1,2,2-Tetrachloroethane	0.015	U	0.015	0.015
m-Xylene & p-Xylene	1.3	J	0.015	0.015

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.077	U	0.077	0.077
1,1-Dichloroethene	0.085	NJ	0.059	0.059
trans-1,2-Dichloroethene	0.059	U	0.059	0.059
1,1-Dichloroethane	0.061	U	0.061	0.061
cis-1,2-Dichloroethene	0.84		0.059	0.059
1,1,1-Trichloroethane	0.35		0.082	0.082
Benzene	1.4		0.048	0.048
1,2-Dichloroethane	0.12	U	0.12	0.12
Trichloroethene	6.2		0.081	0.081
Toluene	2.4	J	0.057	0.057
1,1,2-Trichloroethane	0.082	U J	0.082	0.082
Tetrachloroethene	3.6	J	0.10	0.10
Ethylbenzene	1.5	↓	0.065	0.065
o-Xylene	2.2	↓	0.065	0.065
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.10
m-Xylene & p-Xylene	5.7	J	0.065	0.065

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B13-01**

Lab Sample ID: 200-8647-5
Client Matrix: Air

Date Sampled: 12/20/2011 1454
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera010.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/05/2012 1905			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 1905			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.055	NJ	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.062	NJ	0.010	0.010
1,1,1-Trichloroethane	0.13		0.010	0.010
Benzene	0.40		0.010	0.010
1,2-Dichloroethane	0.021	U	0.020	~~0.020~~ 0.021
Trichloroethene	0.57		0.010	0.010
Toluene	0.92		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.20		0.010	0.010
Ethylbenzene	0.30		0.010	0.010
o-Xylene	0.24	NJ	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.57		0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.22	NJ	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.25	NJ	0.040	0.040
1,1,1-Trichloroethane	0.68		0.055	0.055
Benzene	1.3		0.032	0.032
1,2-Dichloroethane	0.085	U	0.081	~~0.081~~ 0.085
Trichloroethene	3.1		0.054	0.054
Toluene	3.5		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	1.4		0.068	0.068
Ethylbenzene	1.3		0.043	0.043
o-Xylene	1.0	NJ	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.5		0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B13A-01**

Lab Sample ID: 200-8647-6
Client Matrix: Air

Date Sampled: 12/20/2011 1533
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera011.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/05/2012 2000			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 2000			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.043	NJ	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.064		0.010	0.010
1,1,1-Trichloroethane	0.091		0.010	0.010
Benzene	0.30		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.50		0.010	0.010
Toluene	0.82		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.21		0.010	0.010
Ethylbenzene	0.29		0.010	0.010
o-Xylene	0.26	NJ	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.61		0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.17	NJ	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.25		0.040	0.040
1,1,1-Trichloroethane	0.50		0.055	0.055
Benzene	0.97		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.7		0.054	0.054
Toluene	3.1		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	1.4		0.068	0.068
Ethylbenzene	1.2		0.043	0.043
o-Xylene	1.1	NJ	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.7		0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B1A-01**

Lab Sample ID: 200-8647-7
Client Matrix: Air

Date Sampled: 12/20/2011 1455
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera026.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/06/2012 0937			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0937			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.022		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.16		0.010	0.010
1,2-Dichloroethane	0.028		0.020	0.020
Trichloroethene	0.20		0.010	0.010
Toluene	0.34		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.41		0.010	0.010
Ethylbenzene	0.19		0.010	0.010
o-Xylene	0.33		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.85		0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.086		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.52		0.032	0.032
1,2-Dichloroethane	0.11		0.081	0.081
Trichloroethene	1.1		0.054	0.054
Toluene	1.3		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	2.8		0.068	0.068
Ethylbenzene	0.80		0.043	0.043
o-Xylene	1.4		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	3.7		0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

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

Lab Sample ID: 200-8647-8
Client Matrix: Air

Date Sampled: 12/20/2011 1508
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera013.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/05/2012 2148			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 2148			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.027		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.15		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.30		0.010	0.010
Toluene	0.19		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.23		0.010	0.010
Ethylbenzene	0.099		0.010	0.010
o-Xylene	0.18		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.47		0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.11		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.49		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.6		0.054	0.054
Toluene	0.71		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	1.6		0.068	0.068
Ethylbenzene	0.43		0.043	0.043
o-Xylene	0.79		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.0		0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B9-01**

Lab Sample ID: 200-8647-9
Client Matrix: Air

Date Sampled: 12/20/2011 1527
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera014.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	01/05/2012 2243			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 2243			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.030		0.020	0.020
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Benzene	0.45		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.0		0.020	0.020
Toluene	1.7		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.13		0.020	0.020
Ethylbenzene	0.11		0.020	0.020
o-Xylene	0.12		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.37		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.12		0.079	0.079
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Benzene	1.4		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	5.3		0.11	0.11
Toluene	6.5		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.90		0.14	0.14
Ethylbenzene	0.48		0.087	0.087
o-Xylene	0.54		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	1.6		0.087	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B9-02**

Lab Sample ID: 200-8647-10
Client Matrix: Air

Date Sampled: 12/20/2011 1527
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera015.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	01/05/2012 2337			Final Weight/Volume:	500 mL
Prep Date:	01/05/2012 2337			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.12		0.040	0.040
1,1,1-Trichloroethane	0.040	U	0.040	0.040
Benzene	0.35		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	3.2		0.040	0.040
Toluene	0.11		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.25		0.040	0.040
Ethylbenzene	0.040	U	0.040	0.040
o-Xylene	0.040	U	0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.040	U	0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.49		0.16	0.16
1,1,1-Trichloroethane	0.22	U	0.22	0.22
Benzene	1.1		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	17		0.21	0.21
Toluene	0.43		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	1.7		0.27	0.27
Ethylbenzene	0.17	U	0.17	0.17
o-Xylene	0.17	U	0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	0.17	U	0.17	0.17

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B9-CS**

Lab Sample ID: 200-8647-11
Client Matrix: Air

Date Sampled: 12/20/2011 1523
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera016.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/06/2012 0031			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0031			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.034		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.070		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.52		0.010	0.010
Toluene	0.024		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.010	U	0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.13		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.22		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.8		0.054	0.054
Toluene	0.091		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.043	U	0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B7-01**

Lab Sample ID: 200-8647-12
Client Matrix: Air

Date Sampled: 12/20/2011 1517
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera017.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/06/2012 0125			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0125			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.042		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.27		0.010	0.010
1,2-Dichloroethane	0.023		0.020	0.020
Trichloroethene	0.65		0.010	0.010
Toluene	0.71		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.51		0.010	0.010
Ethylbenzene	0.16		0.010	0.010
o-Xylene	0.23		0.010	0.010
1,1,2,2-Tetrachloroethane	0.014	U	0.010	~~0.010~~ 0.014
m-Xylene & p-Xylene	0.60		0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.17		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.87		0.032	0.032
1,2-Dichloroethane	0.094		0.081	0.081
Trichloroethene	3.5		0.054	0.054
Toluene	2.7		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	3.4		0.068	0.068
Ethylbenzene	0.68		0.043	0.043
o-Xylene	0.99		0.043	0.043
1,1,2,2-Tetrachloroethane	0.099	U	0.069	~~0.069~~ 0.099
m-Xylene & p-Xylene	2.6		0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-B7-02**

Lab Sample ID: 200-8647-13
Client Matrix: Air

Date Sampled: 12/20/2011 1524
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera018.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	01/06/2012 0219			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0219			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.043		0.040	0.040
1,1,1-Trichloroethane	0.040	U	0.040	0.040
Benzene	0.48		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	0.70		0.040	0.040
Toluene	3.7		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.29		0.040	0.040
Ethylbenzene	0.13		0.040	0.040
o-Xylene	0.14		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.39		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.17		0.16	0.16
1,1,1-Trichloroethane	0.22	U	0.22	0.22
Benzene	1.5		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	3.8		0.21	0.21
Toluene	14		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	2.0		0.27	0.27
Ethylbenzene	0.57		0.17	0.17
o-Xylene	0.62		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	1.7		0.17	0.17

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **OA-B2-01**

Lab Sample ID: 200-8647-14
Client Matrix: Air

Date Sampled: 12/20/2011 1453
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera019.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/06/2012 0313			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0313			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.17		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.12		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.016		0.010	0.010
Ethylbenzene	0.012		0.010	0.010
o-Xylene	0.013		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.033		0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.53		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.47		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.11		0.068	0.068
Ethylbenzene	0.052		0.043	0.043
o-Xylene	0.058		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.14		0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **OA-B11-01**

Lab Sample ID: 200-8647-15
Client Matrix: Air

Date Sampled: 12/20/2011 1518
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera027.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	01/06/2012 1032			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 1032			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.14		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.039		0.010	0.010
Toluene	0.042		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.010	U	0.010	0.010

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.45		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.21		0.054	0.054
Toluene	0.16		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.043	U	0.043	0.043

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-8647-1
Sdg Number: 200-8647

Client Sample ID: **IA-DUPE**

Lab Sample ID: 200-8647-16
Client Matrix: Air

Date Sampled: 12/20/2011 1458
Date Received: 12/21/2011 1200

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

Analysis Method:	TO15 LL	Analysis Batch:	200-31841	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eera021.d
Dilution:	1.5			Initial Weight/Volume:	333 mL
Analysis Date:	01/06/2012 0501			Final Weight/Volume:	500 mL
Prep Date:	01/06/2012 0501			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.030	U	0.030	0.030
1,1-Dichloroethene	0.019		0.015	0.015
trans-1,2-Dichloroethene	0.015	U	0.015	0.015
1,1-Dichloroethane	0.015	U	0.015	0.015
cis-1,2-Dichloroethene	0.17		0.015	0.015
1,1,1-Trichloroethane	0.052	U	0.015	~~0.015~~ 0.052
Benzene	0.37		0.015	0.015
1,2-Dichloroethane	0.030	U	0.030	0.030
Trichloroethene	0.88		0.015	0.015
Toluene	0.29	J	0.015	0.015
1,1,2-Trichloroethane	0.015	U	0.015	0.015
Tetrachloroethene	0.35	J	0.015	0.015
Ethylbenzene	0.029	↓	0.015	0.015
o-Xylene	0.018	↓	0.015	0.015
1,1,2,2-Tetrachloroethane	0.015	U	0.015	0.015
m-Xylene & p-Xylene	0.071	J	0.015	0.015

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.077	U	0.077	0.077
1,1-Dichloroethene	0.076		0.059	0.059
trans-1,2-Dichloroethene	0.059	U	0.059	0.059
1,1-Dichloroethane	0.061	U	0.061	0.061
cis-1,2-Dichloroethene	0.68		0.059	0.059
1,1,1-Trichloroethane	0.28	U	0.082	~~0.082~~ 0.28
Benzene	1.2		0.048	0.048
1,2-Dichloroethane	0.12	U	0.12	0.12
Trichloroethene	4.7		0.081	0.081
Toluene	1.1	J	0.057	0.057
1,1,2-Trichloroethane	0.082	U	0.082	0.082
Tetrachloroethene	2.4	J	0.10	0.10
Ethylbenzene	0.13	↓	0.065	0.065
o-Xylene	0.077	↓	0.065	0.065
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.10
m-Xylene & p-Xylene	0.31	J	0.065	0.065