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December 22, 2011

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

Re: *September 2011 Indoor Air Sampling Report*

Dear Mr. Festa:

Attached are the September 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 effectiveness of the systems. The fourth quarter sampling event was conducted during the week of December 19, 2011.

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

Sincerely,

Pam M. Cox /MAF

Pam M. Cox
Manager –Workplace Safety & Environmental Compliance

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

c:

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Attachment A
September 2011 Indoor Air Sampling Event Summary

Introduction

In September 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 in November 2004,
- Building 11 Area SSD system in November 2005,
- Building 7 Area SSD system in October 2006,
- Building 10 Area SSD system in October 2010, and
- Building 1A sump/trench ventilation system in December 2010.

The Building 9 Office Area crawl space ventilation system operated from November 2004 to June 2010. The system stopped operating in June 2010 because of an electrical issue causing the fan motor to overheat. The Building 9 Area indoor air quality continues to be monitored to evaluate if the Building 9 ventilation system needs to be reactivated.

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

On September 21, 2011, the following air samples were collected:

- Twelve indoor air samples and one duplicate indoor air sample,
- One crawl space air sample,
- One subslab vapor sample, and
- Two 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 sample was 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 analysis and reporting were completed in compliance with project requirements.

Concentration Trends
The September 2011 indoor air TCE concentrations ranged from 0.75 to 2.8 micrograms per cubic meter (μg/m^3), which are within the range measured since the ventilation and SSD systems began operating. The TCE concentration range was narrower than in September 2010 (0.63 to 5.0 μg/m^3).

Building 9 Area
The TCE concentration in the Building 9 office indoor air (1.8 μg/m^3) was lower than the September 2010 concentration (3.0 μg/m^3) and within the previous concentration range (0.12 to 30 μg/m^3). The TCE concentration in the Building 9 warehouse indoor air (1.6 μg/m^3) was higher than the September 2010 concentration (0.63 μg/m^3) but was within the previous concentration range (0.091 to 51 μg/m^3). The TCE concentration in the Building 9 crawlspace air (37 μg/m^3) was within the previous concentration range (5.4 to 210 μg/m^3). The Building 9 office indoor air concentration remains below the New York State Department of Health Air Guideline Value of 5 μg/m^3.

Building 11 Area
The Building 11 Area comprises parts of Buildings 11, 11A, 13, and 13A. TCE concentrations in Building 11 Area indoor air ranged from 1.2 to 2.8 μg/m^3, which were within the previous concentration range (0.70 to 81 μg/m^3) during SSD system operation. As shown in the following table, the September 2011 Building 11 Area indoor air TCE concentrations were less than the respective September 2010 concentrations.

Building	**September 2011 TCE Concentration in Indoor Air (μg/m^3)**	**September 2010 TCE Concentration in Indoor Air (μg/m^3)**
11	1.8	2.2
11A	1.2	2.3
13	2.8	3.7
13A	1.4	3.4

Subslab vapor samples in the Building 11 Area are collected each December. The Building 11 Area SSD system continues to sustain negative pressures in the subslab greater than 100 feet from the extraction wells.

Building 7 Area
H.P. Neun has relocated their main office from Building 9 to Building 7. An indoor air sample was collected in September 2011 from this new office area. The TCE concentration in the office indoor air sample was 0.82 μg/m^3. The TCE concentration in the Building 7 warehouse indoor air sample was 1.3 μg/m^3, within the previous concentration range (0.64 to 18 μg/m^3) during SSD system operation, and is equal to the concentration in September 2010 (1.3 μg/m^3). TCE concentrations in the subslab vapor beneath Building 7 have decreased by two orders of magnitude since July 2003, from 3,300 to 13 μg/m^3 (Figure 8). The Building 7 SSD system continues to sustain negative pressures in the subslab greater than 45 feet from the extraction wells.

Building 10 Area

The TCE concentrations in the Buildings 10 and 10A indoor air samples were 1.4 and 1.1 $\mu g/m^3$, respectively. These concentrations were lower than the Building 10 and 10A September 2010 TCE concentrations (5.0 $\mu g/m^3$ and 3.8 $\mu g/m^3$, respectively). The Building 10 SSD system sustains negative pressures in the subslab greater than 100 feet from the extraction wells.

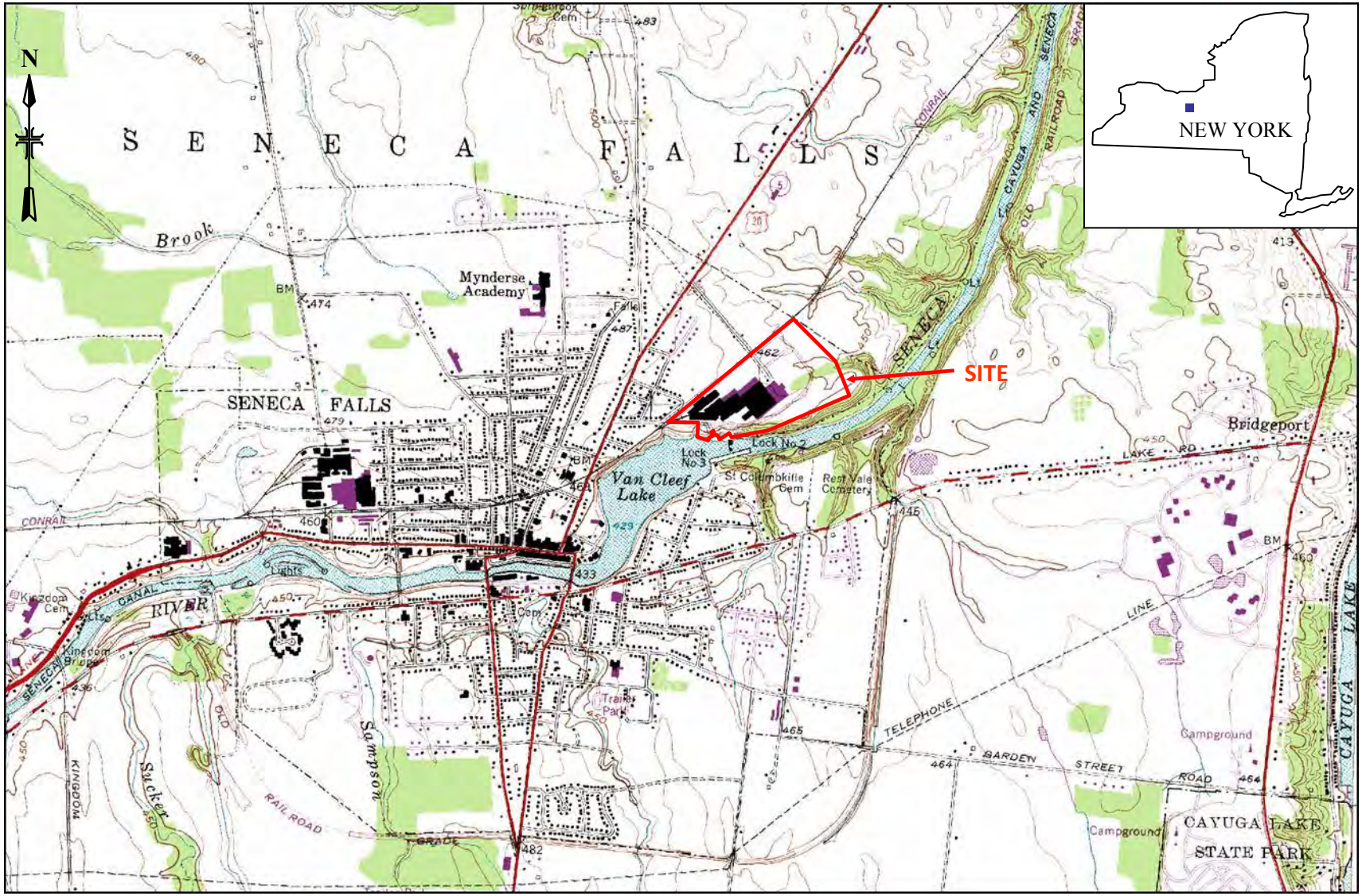
Building 1A Area

The TCE concentration in the Building 1A first floor indoor air (0.75 $\mu g/m^3$) was one order of magnitude less than the September 2010 concentration (2.4 $\mu g/m^3$) and was within the previous concentration range (0.059 to 27 $\mu g/m^3$). The TCE concentration in the Building 1A basement indoor air (5.1 $\mu g/m^3$) was similar to the September 2010 concentration (4.5 $\mu g/m^3$) and within the previous concentration range (0.081 to 160 $\mu g/m^3$).

Conclusions

The analytical results and field measurements indicate that the ventilation and SSD systems are effective at sustaining negative differential pressures. Operation of the ventilation and SSD systems has continued to lower the concentrations of VOCs in the subslab vapor and indoor air.

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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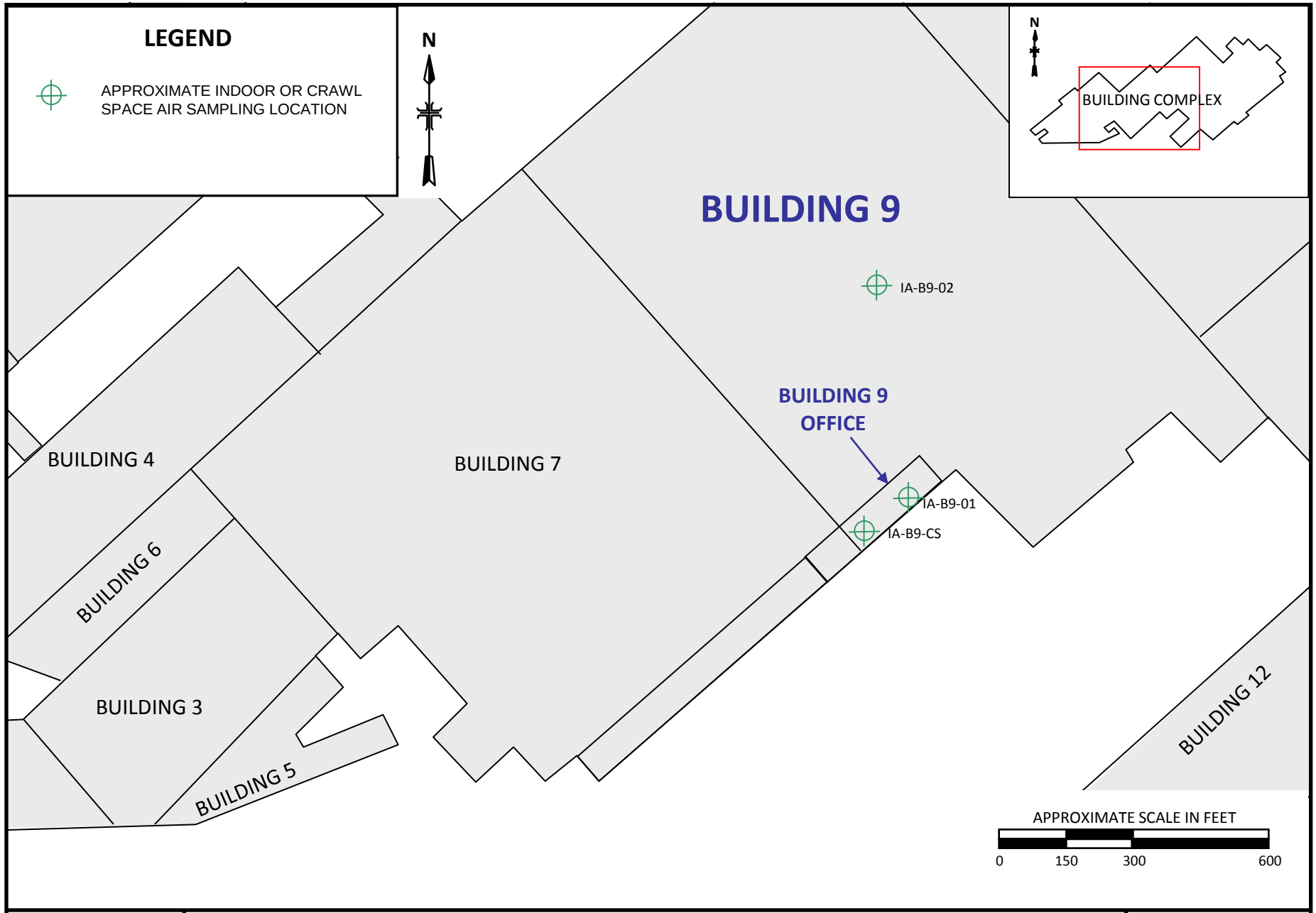
SITE LOCATION

FIGURE 1



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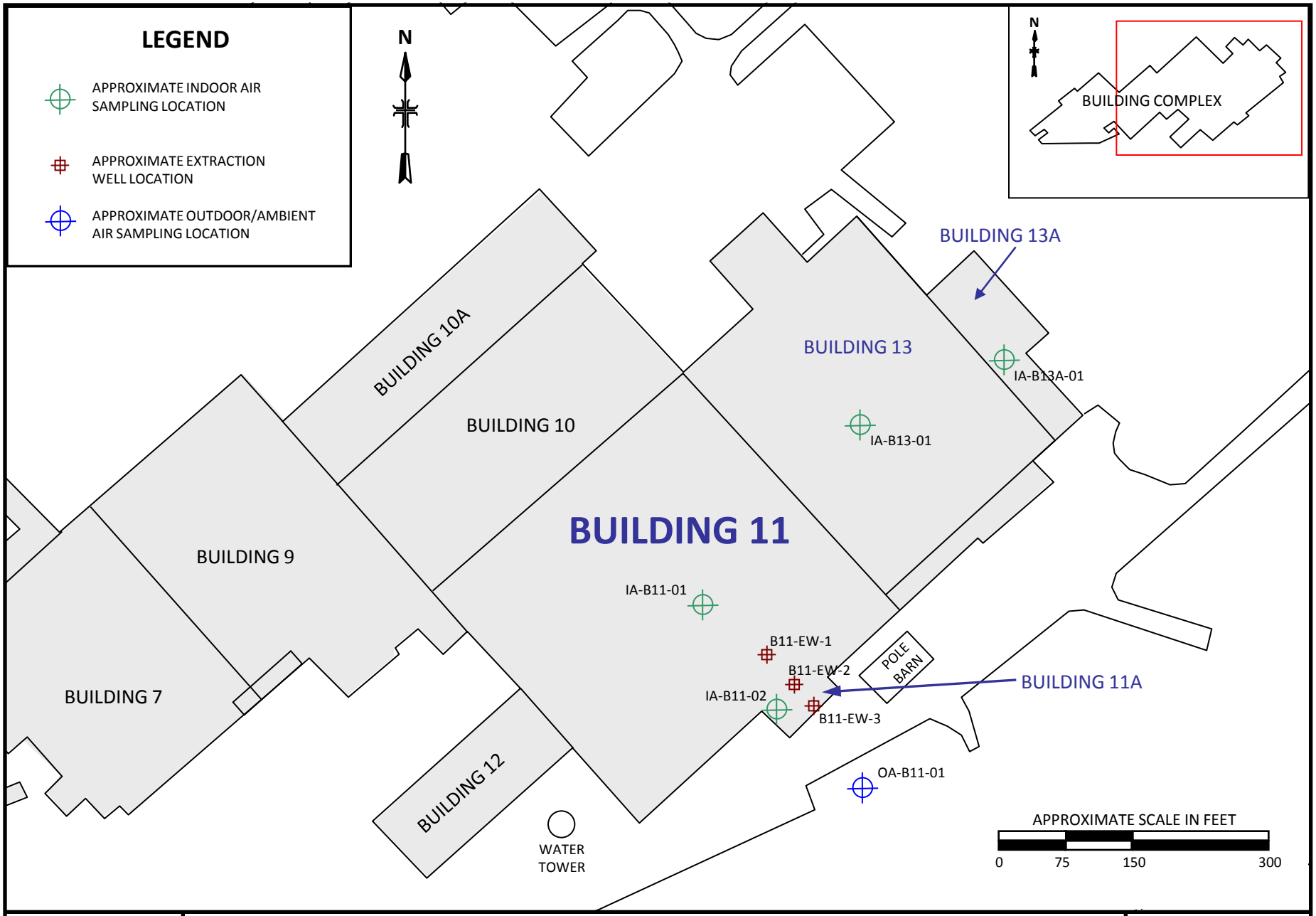
BUILDING 9 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 2



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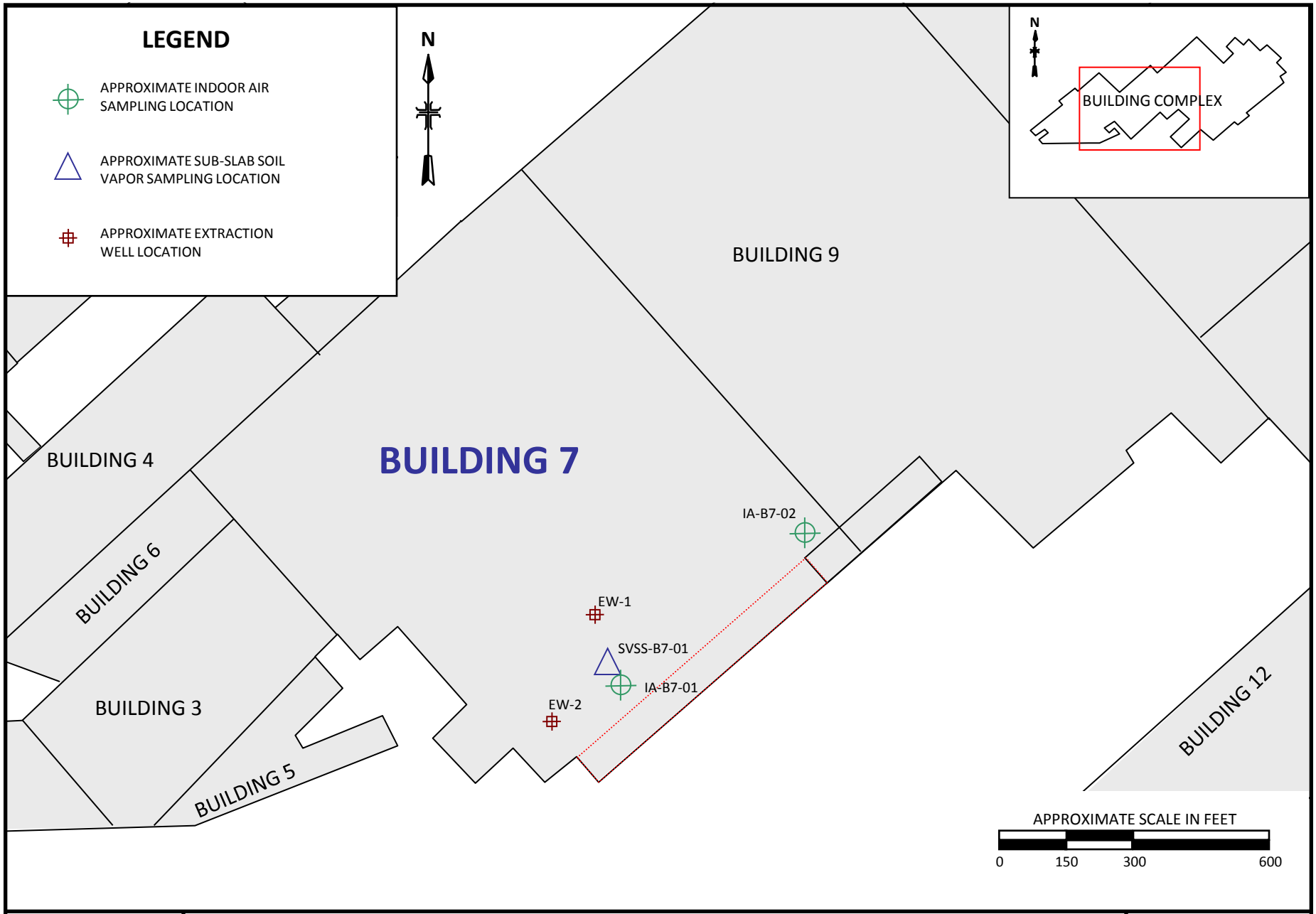
BUILDING 11 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 3



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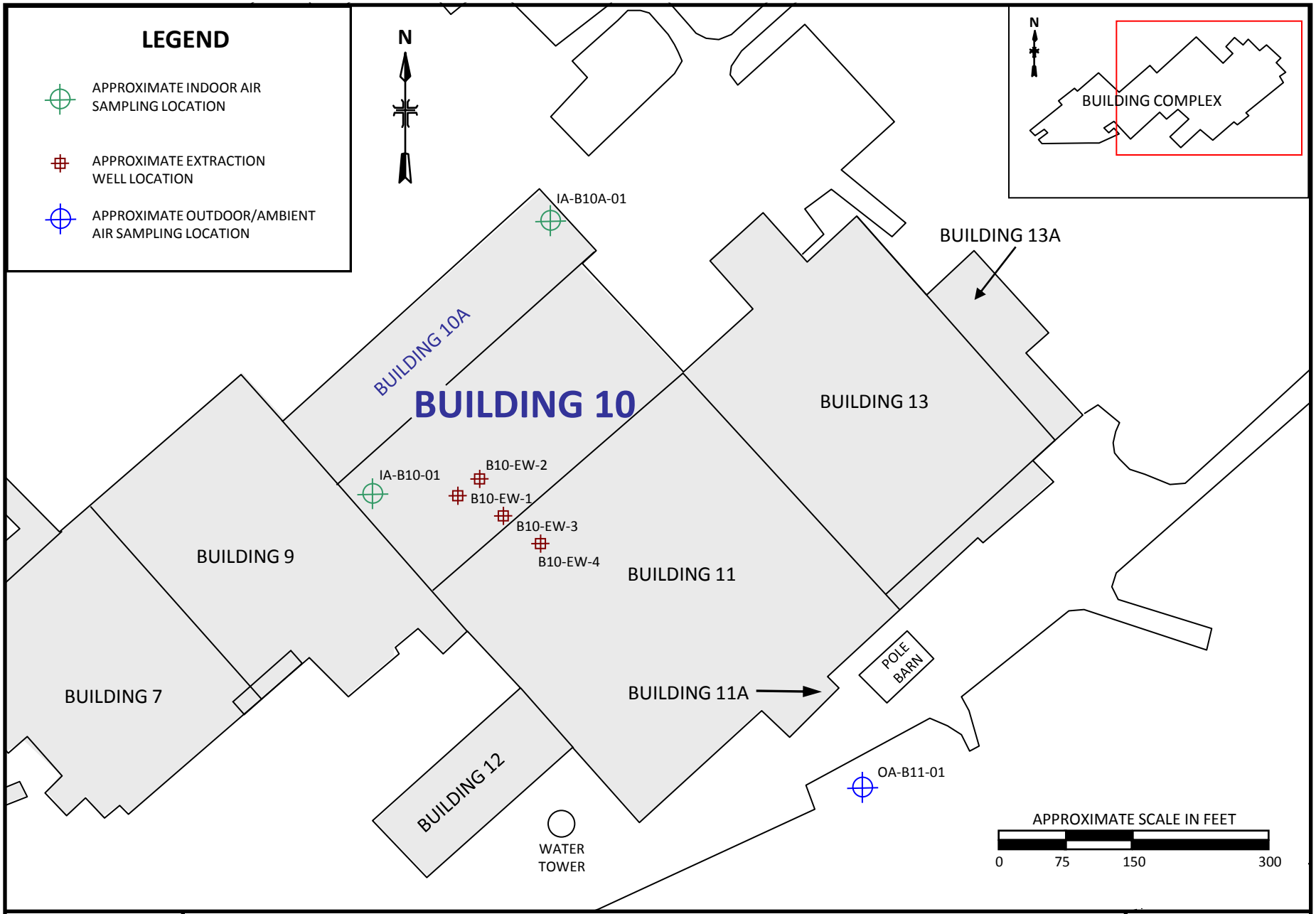
BUILDING 7 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 4



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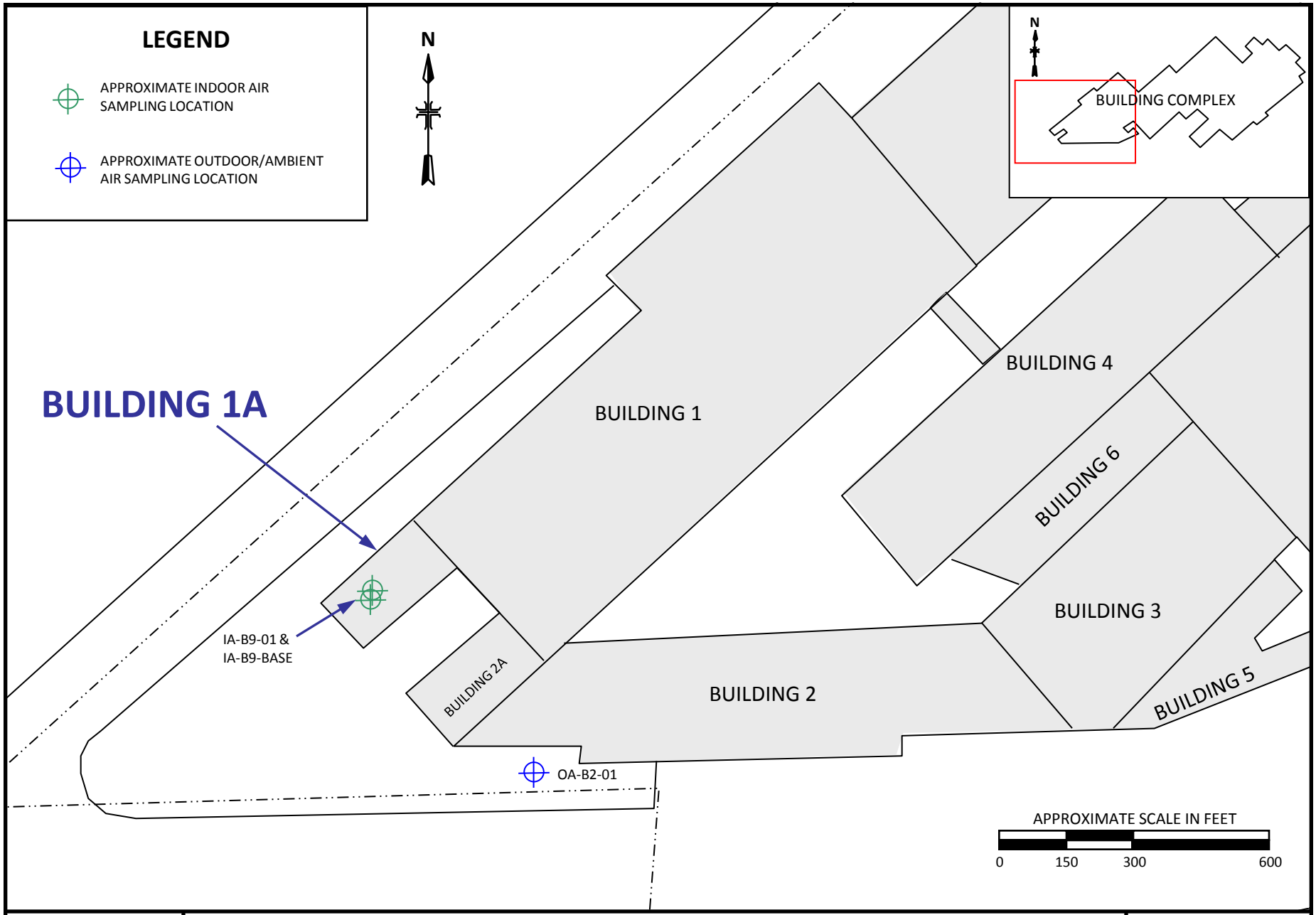
BUILDING 10 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 5



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BUILDING 1A AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 6

Figure 7: Building 9 Area TCE Concentrations

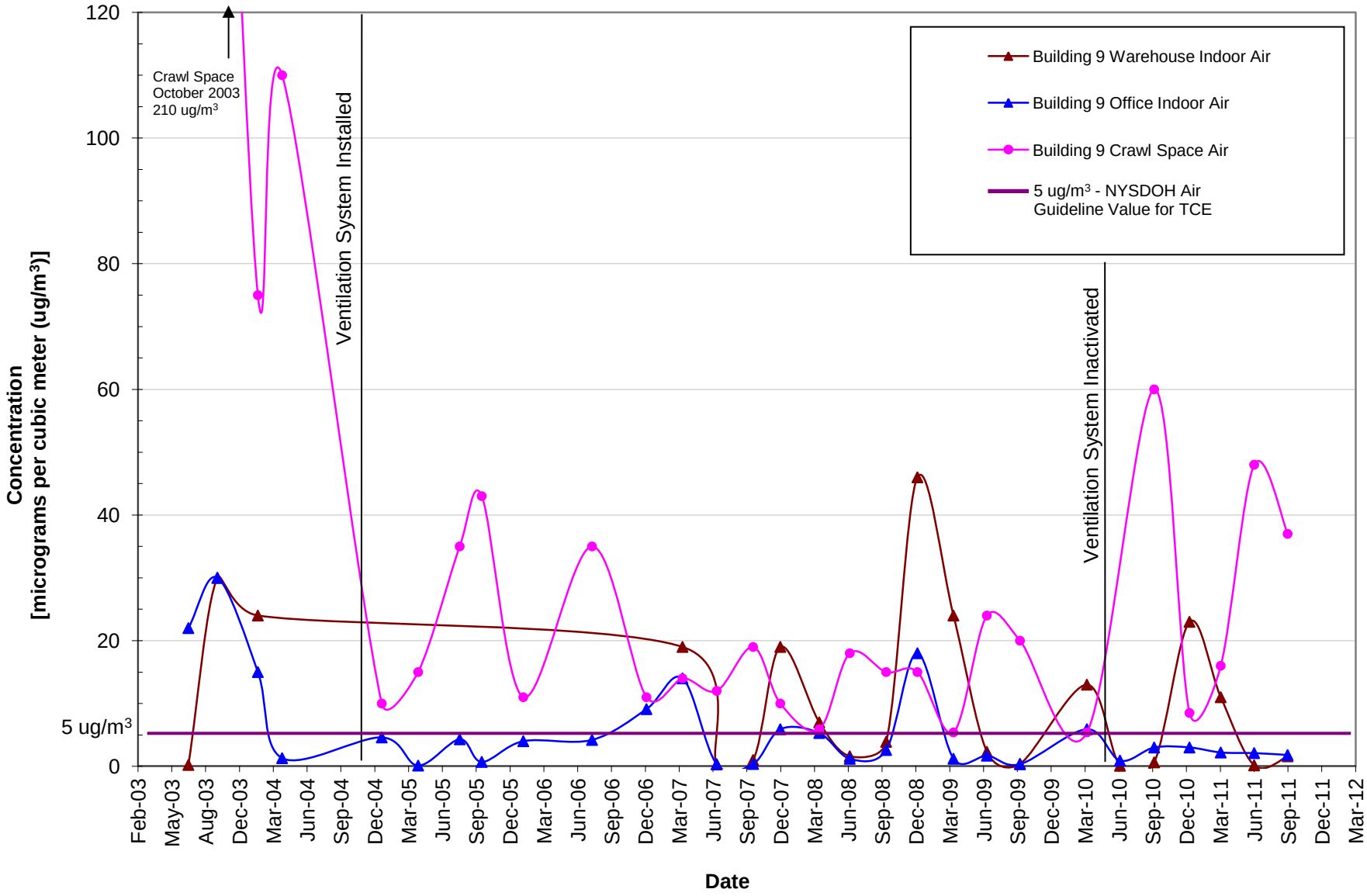


Figure 8: Building 11 Area TCE Concentrations

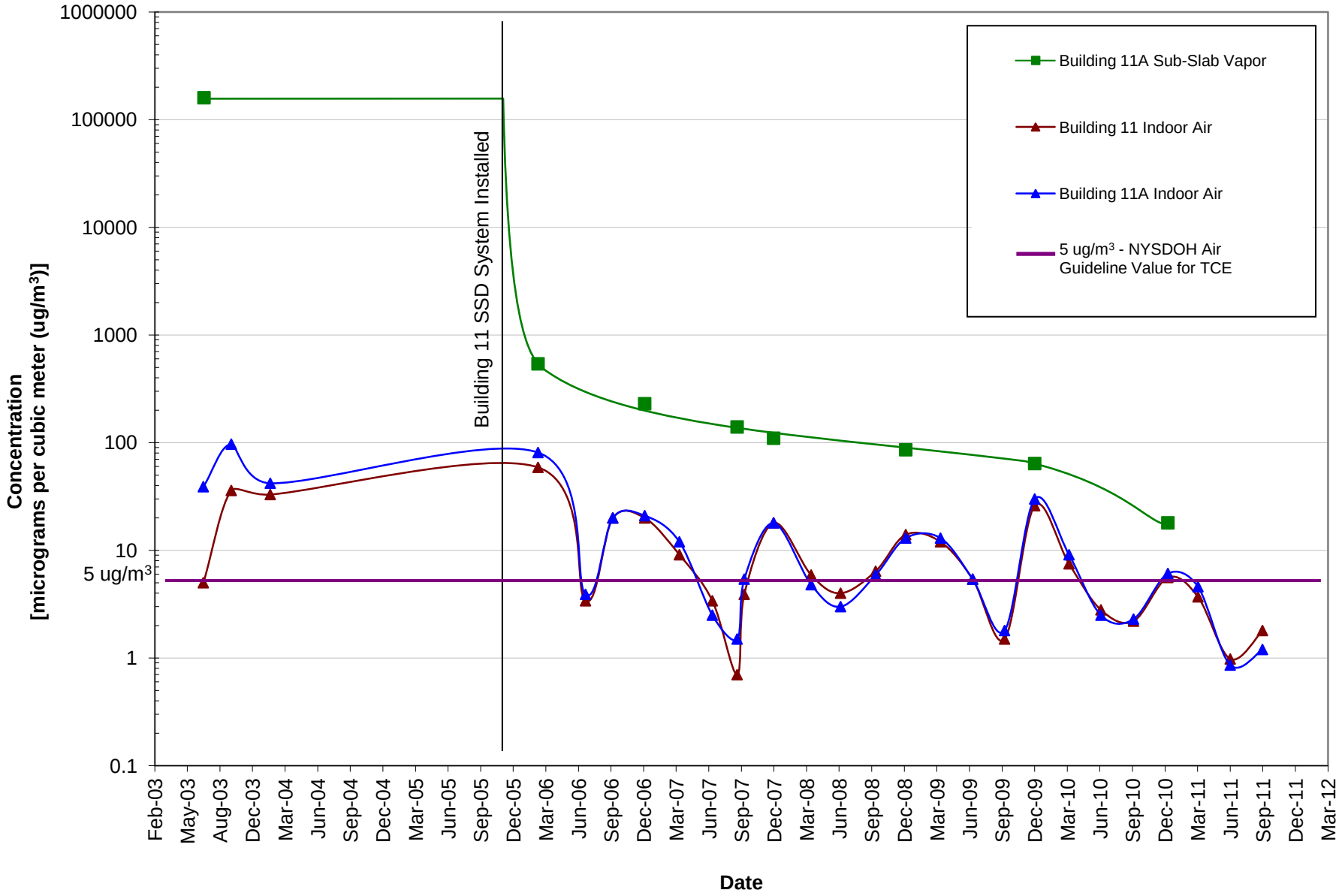


Figure 9: Building 7 Area TCE Concentrations

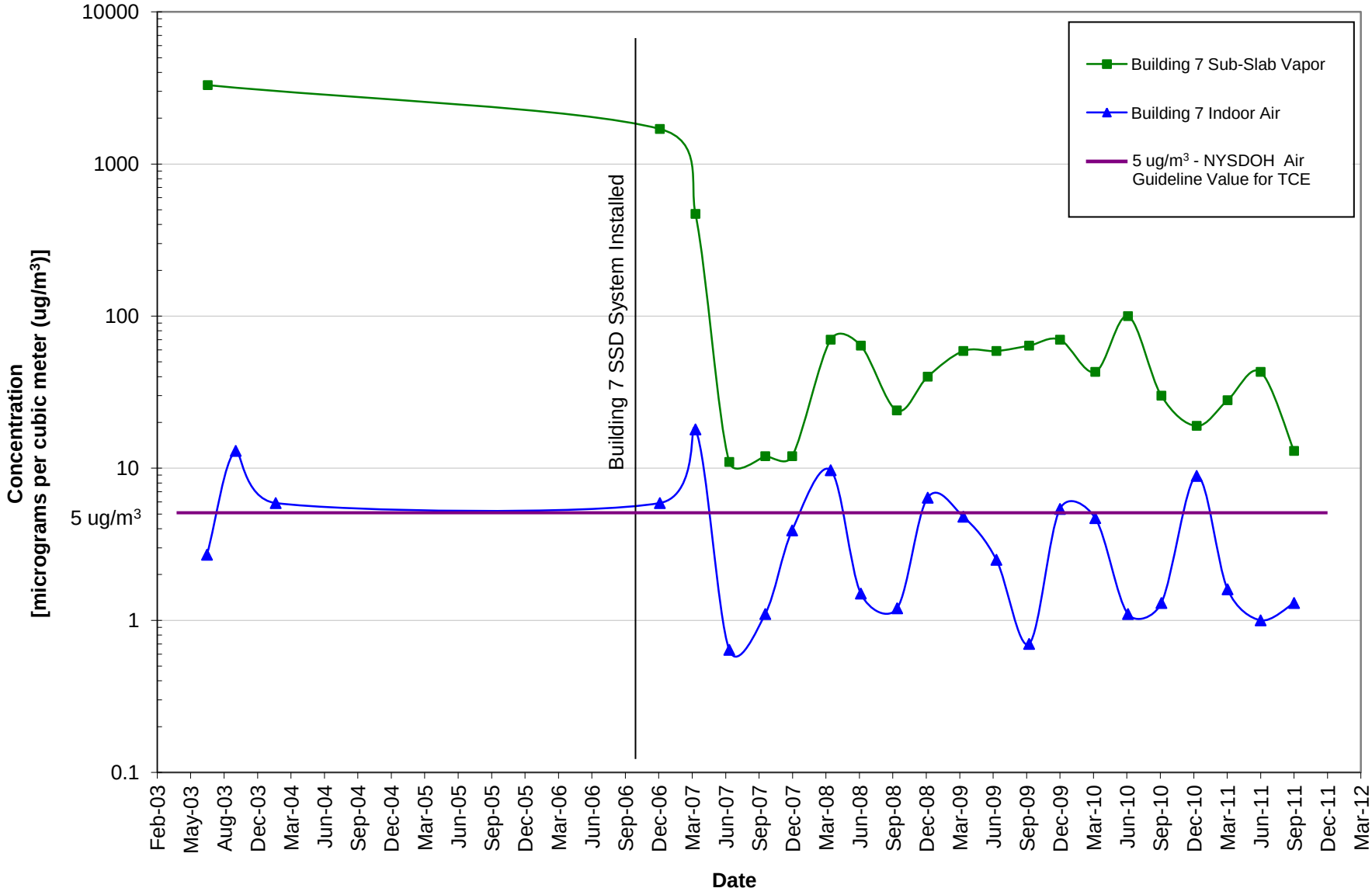


Figure 10: Building 10 Area TCE Concentrations

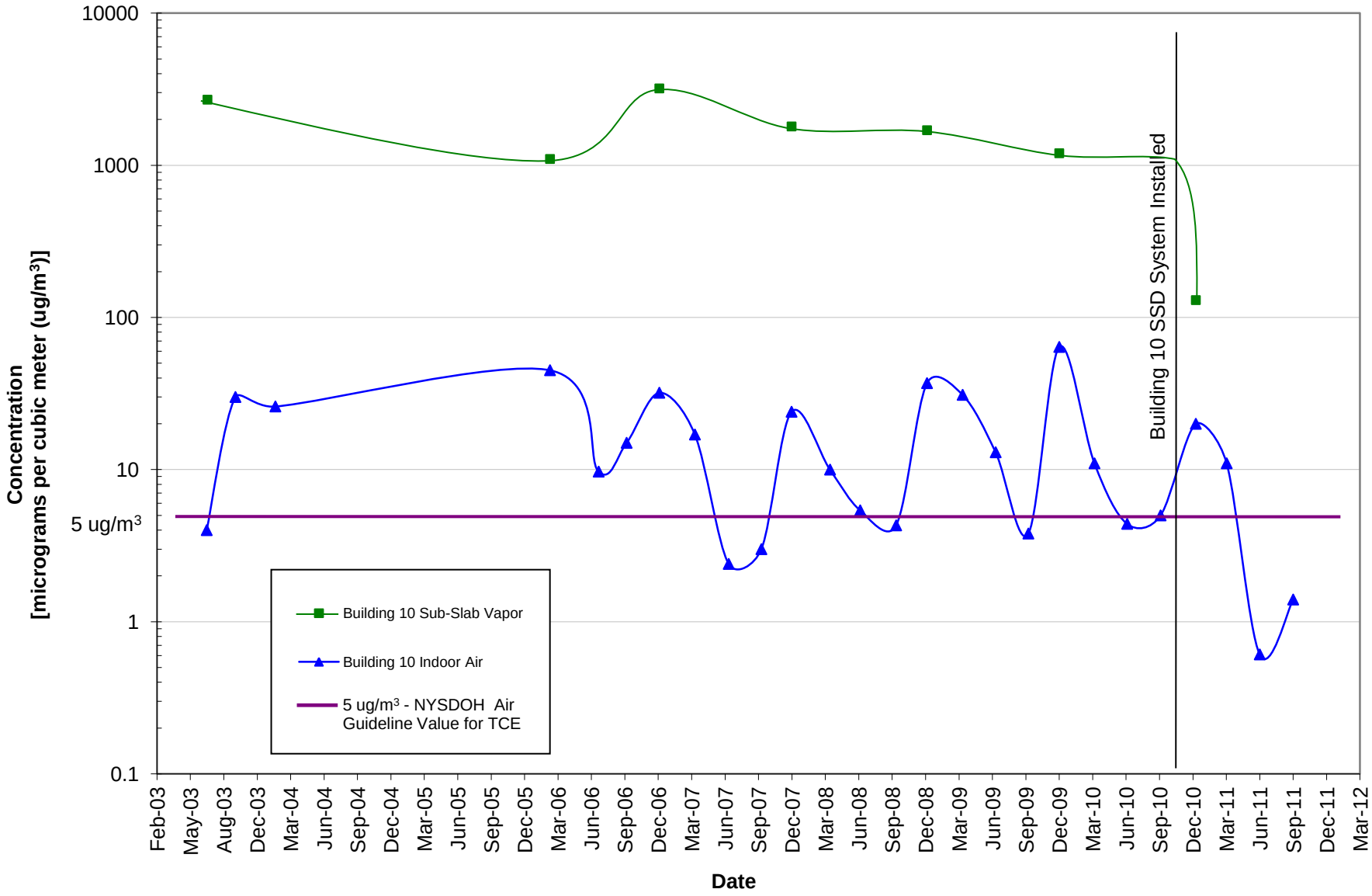
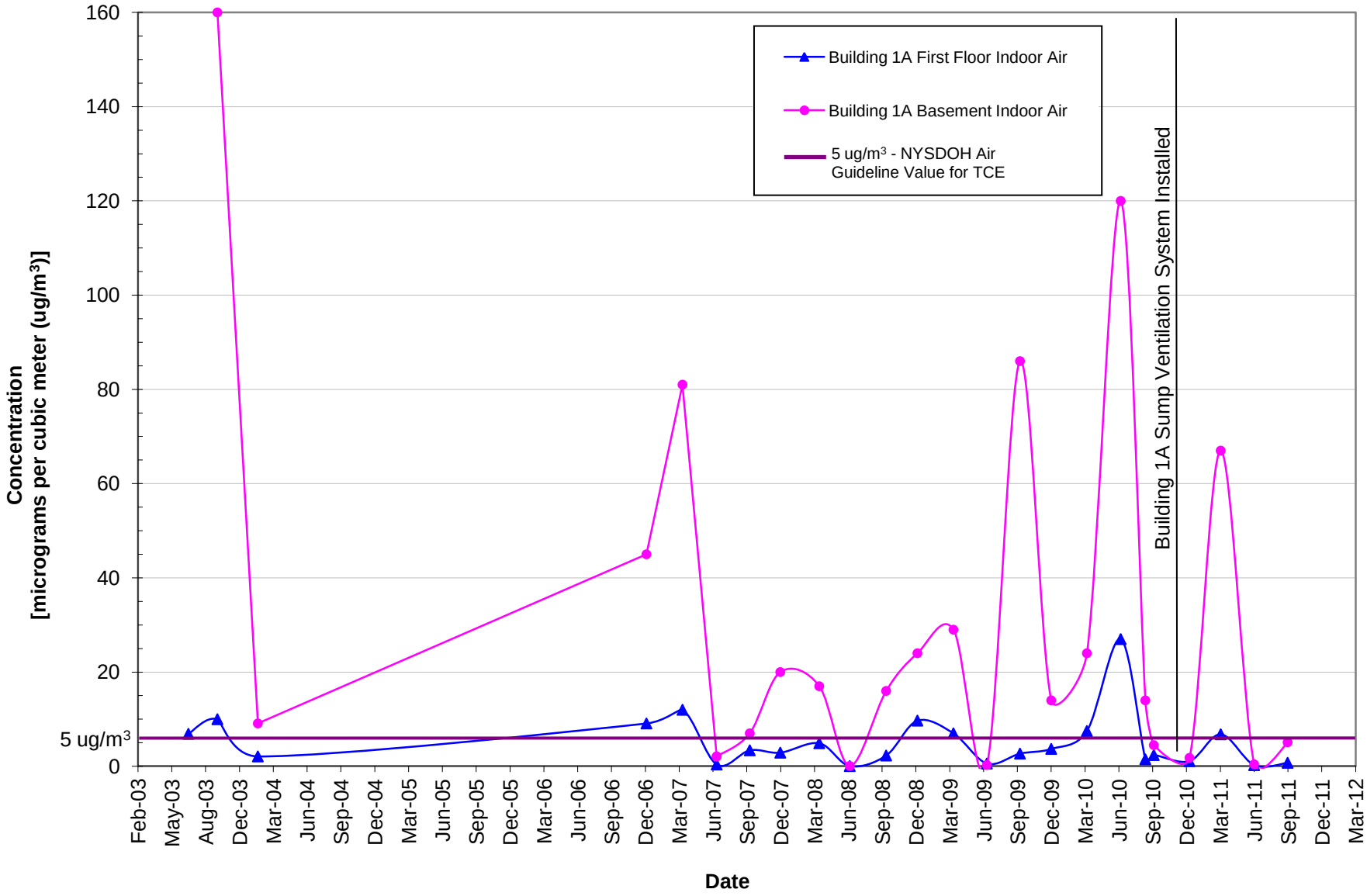


Figure 11: Building 1A Area TCE Concentrations



Attachment C
Tables

Table 1
Building 9 Area Analytical Data Summary
Former Philips Display 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
m-Xylene & p-Xylene	5.0	2.8	10	3.1	3.3	0.91	8.3	3.6	5.6	18	4.3	3.8	1.8	1.0	1.6	1.8	2.6	1.6	5.2	1.4	5.6	3.3	NS	4.0	2.5	1.9	0.69	0.78	1.6	0.087
o-Xylene	2.0	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	1.0 J	0.70	0.25	0.26	0.65	0.043 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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	0.040 U
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	0.099	0.16 U	0.20 U	0.16 U	0.23 J	0.059 U	0.04 U	0.040 U	0.20 U	0.067 U	0.067 U	0.059 U	0.15 NJ	0.16 U	0.25 U	0.04 U	0.36 U	0.12	0.048 U	0.066 U	0.79 U	0.094	0.11 U	0.040 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
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
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
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	1.0
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
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	2.0
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	0.11 U	0.040 U
Trichloroethene	5.0	36	33	59	3.4	20	20	9.1	3.4	0.70	3.9	18	5.9	4.0	6.4	14	12	5.4	1.5	26	7.5	2.8	2.2	5.6	3.7	0.98	1.8
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	0.051 U
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
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

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
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
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
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
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
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	0.040 U	0.040 U
1,2-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 U	0.24 U	0.40 U	0.32 U	0.24 U	0.12 U	0.081 U	0.12 U	0.40 U	0.24 U	0.24 U	0.12 U	0.32 U	0.27 U	0.49 U	0.12 U	0.73 U	0.16 U	0.085 NJ	0.16 U	0.12 U	0.16 U	0.081 U	0.081 U
Benzene	1.6	3.5	3.0	4.2	1.9	2.9	7.3	4.8	1.2	0.61	0.80	3.8	3.1	1.1	1.2	3.2	4.5	1.9	1.3	2.8	2.3	1.2	1.6	2.8	2.4	0.80	1.1
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
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
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
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
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
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
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	0.051 U	0.051 U
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	6.0	3.2
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

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
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
1,1,2,2-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
1,1,2-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-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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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	0.040 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
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
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
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
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
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
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	3.0
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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	3.0
trans-1,2-Dichloroethene	0.056 U	0.04 U	0.12 U	0.040 U	0.16 U	0.16 U	0.16 U	0.12 U	0.048 U	0.079 U	0.16 U	0.079 U	0.079 U	0.040 U	0.079 U	0.059 U	0.099 U	0.079 U	0.04 U	0.040 U	0.059 U	0.10 U	0.040 U	0.040 U	0.079 U	0.040 U
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
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
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
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

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
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
1,1,2,2-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
1,1,2-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-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
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
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
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
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
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
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
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
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
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
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
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
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

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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
1,1,2,2-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
1,1,2-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-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
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
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
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
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
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
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
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
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
Trichloroethene	3300	NS	NS	1700	470	11	12	12	70	64	24	40	59	59	64	70	43	100	30	19	28	43	13
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
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
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

Sample Description	BUILDING 7 OFFICE INDOOR AIR																					
Sample ID	IA-B7-02																					
Date Collected																						9/21/11
1,1,1-Trichloroethane																						0.055 U
1,1,2,2-Tetrachloroethane																						0.069 U
1,1,2-Trichloroethane																						0.055 U
1,1-Dichloroethane																						0.040 U
1,1-Dichloroethene																						0.040 U
1,2-Dichloroethane																						0.081 U
Benzene																						0.38
cis-1,2-Dichloroethene																						0.040 U
Ethylbenzene																						0.21
Tetrachloroethene																						0.068 U
Toluene																						1.4
trans-1,2-Dichloroethene																						0.040 U
Trichloroethene																						0.82
Vinyl chloride																						0.051 U
m-Xylene & p-Xylene																						0.63
o-Xylene																						0.21

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
1,1,2,2-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
1,1,2-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-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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
1,1,2-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-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
1,1-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
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
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
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
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
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
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
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
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
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
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
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

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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

October 17, 2011

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- September 2011
TestAmerica-VT SDG No. 220-7114-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on 09/21/11 at the Seneca Falls, NY site. Fifteen 6-L summa canister indoor/outdoor air samples, an indoor air field duplicate, and one 6-L summa canister soil vapor samples 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.

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

Discrepancies in canister labels and custody entries were resolved at sample receipt.

Sample IA-B13-01 was inadvertently left out of the initial shipment and sent separately.

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:

- 1,2-dichloroethane in IA-B9-01
- cis-1,2-dichloroethene in IA-13A-01
- 1,1,1-trichloroethane in OA-B11-01, IA-B11-01, IA-B11-02, IA-B10A-01, IA-B9-01, IA-B10-01, IA-B1A-01, IA-B1A-BASE, and IA-DUPE

The result for 1,2-dichloroethane in IA-B1A-BASE has been edited to non-detection at an elevated reporting limit due to very poor mass spectral quality.

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.

The blind field duplicate correlations for sample IA-B11-02 fall within validation guidelines.

A marginally elevated recovery (131%) for vinyl chloride produced by one of the LCSs does not affect the associated sample results, since they show no detection of that compound. Although not required of the data package deliverables, the laboratory applied an asterisk to the results for that analyte on the forms of the associated samples.

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, with the exception of an elevated response (37%D) for vinyl chloride in one of the calibration standards. The associated samples show no detections of that compound and therefore their results are unaffected.

Following a laboratory screening, two 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.

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.

Job Number: 200-7114-1
Sdg Number: 200-7114

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-7114-1	IA-B13A-01	Air	09/21/2011 1505	09/22/2011 1020
200-7114-2	OA-B11-01	Air	09/21/2011 1510	09/22/2011 1020
200-7114-3	IA-B11-02	Air	09/21/2011 1525	09/22/2011 1020
200-7114-4	IA-B11-01	Air	09/21/2011 1528	09/22/2011 1020
200-7114-5	SVSS-B7-01	Air	09/21/2011 1131	09/22/2011 1020
200-7114-6	IA-B10A-01	Air	09/21/2011 1500	09/22/2011 1020
200-7114-7	IA-B10-01	Air	09/21/2011 1458	09/22/2011 1020
200-7114-8	IA-B9-02	Air	09/21/2011 1456	09/22/2011 1020
200-7114-9	IA-B9-01	Air	09/21/2011 1457	09/22/2011 1020
200-7114-10	IA-B9-CS	Air	09/21/2011 1500	09/22/2011 1020
200-7114-11	IA-B7-02	Air	09/21/2011 1459	09/22/2011 1020
200-7114-12	IA-B7-01	Air	09/21/2011 1452	09/22/2011 1020
200-7114-13	IA-B1A-01	Air	09/21/2011 1444	09/22/2011 1020
200-7114-14	IA-B1A-BASE	Air	09/21/2011 1445	09/22/2011 1020
200-7114-15	OA-B2-01	Air	09/21/2011 1447	09/22/2011 1020
200-7114-16	IA-DUPE	Air	09/21/2011 1525	09/22/2011 1020
200-7193-1	IA-B13-01	Air	09/21/2011 0715	09/27/2011 1010

CASE NARRATIVE

Client: Malcolm Pirnie, Inc.

Project: Seneca Falls

Report Number: 200-7114-1

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 09/22/2011 and 09/27/2011; the samples arrived in good condition.

The following sample was listed on the Chain of Custody (COC) for samples received 09/22/11; however, no sample was received: IA-B13-01. This sample was sent in a later shipment under a separate COC and was received 09/27/1.

The COC for sample IA-B13-01 referenced a sample ID of IA-B13A-01; however, the canister tag referecned the correct ID.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): IA-B11-02. The COC incorrectly lists canister ID as 3061. Correct ID 2890 added to login assets and associated with sample.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): IA-B1A-BASE. The container label lists collection start time as 728. The COC lists collection start time as 720. Sample logged in with collection stop time of 1445 per the COC.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): OA-B2-01. The COC incorrectly lists canister ID as 2808. Correct ID 2868 added to login assets and associated with sample.

VOLATILE ORGANIC COMPOUNDS
Sample SVSS-B7-01 was analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 09/25/2011.

No difficulties were encountered during the VOC analysis.

All quality control parameters were within the acceptance limits.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS
Samples IA-B13A-01, OA-B11-01, IA-B11-02, IA-B11-01, IA-B10A-01, IA-B10-01, IA-B9-02, IA-B9-01, IA-B9-CS, IA-B7-02, IA-B7-01, IA-B1A-01, IA-B1A-BASE, OA-B2-01, IA-DUPE and IA-B13-01 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 09/27/2011 and 09/28/2011.

Vinyl chloride failed the recovery criteria high for LCS 200-25956/3. Refer to the QC report for details.

The analysis of the calibration check standard associated with this delivery group yielded an increased response for Vinyl Chloride resulting in a percent difference over contol criteria. Vinyl Chloride was not reported in any of the associated field samples above the reporting limit.

Samples IA-B9-CS[10X] and IA-B1A-BASE[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Low Level VOC analyses.

All other quality control parameters were within the acceptance limits.

QUALIFIED SAMPLE RESULTS FORMS

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-5
Client Matrix: Air

Date Sampled: 09/21/2011 1131
Date Received: 09/22/2011 1020

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-25772	Instrument ID:	C.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	ckdj016.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	09/25/2011 2146			Final Weight/Volume:	200 mL
Prep Date:	09/25/2011 2146			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	0.32		0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	2.5		0.030	0.20
Toluene	3.9		0.018	0.20
1,1,2-Trichloroethane	0.20	U	0.019	0.20
Tetrachloroethene	0.20	U	0.011	0.20
Ethylbenzene	0.57		0.022	0.20
m-Xylene & p-Xylene	2.4		0.048	0.50
o-Xylene	0.77		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	1.0		0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	13		0.16	1.1
Toluene	15		0.068	0.75
1,1,2-Trichloroethane	1.1	U	0.10	1.1
Tetrachloroethene	1.4	U	0.075	1.4
Ethylbenzene	2.5		0.096	0.87
m-Xylene & p-Xylene	10		0.21	2.2
o-Xylene	3.4		0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-1
Client Matrix: Air

Date Sampled: 09/21/2011 1505
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend008.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 1652			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 1652			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.030		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	0.13	NJ	0.010	0.010
1,1,1-Trichloroethane	0.084		0.010	0.010
Benzene	0.54		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.27		0.010	0.010
Toluene	0.78		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.084		0.010	0.010
Ethylbenzene	0.33		0.010	0.010
o-Xylene	0.43		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	1.2		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.12		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	0.51	NJ	0.040	0.040
1,1,1-Trichloroethane	0.46		0.055	0.055
Benzene	1.7		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.4		0.054	0.054
Toluene	3.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.57		0.068	0.068
Ethylbenzene	1.4		0.043	0.043
o-Xylene	1.9		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	5.4		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-2
Client Matrix: Air

Date Sampled: 09/21/2011 1510
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend009.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 1747			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 1747			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	0.021		0.010	0.010
1,1,1-Trichloroethane	0.010	NJ	0.010	0.010
Benzene	0.17		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.059		0.010	0.010
Toluene	0.29		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.024		0.010	0.010
Ethylbenzene	0.051		0.010	0.010
o-Xylene	0.054		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.15		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.084		0.040	0.040
1,1,1-Trichloroethane	0.057	NJ	0.055	0.055
Benzene	0.54		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.32		0.054	0.054
Toluene	1.1		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.16		0.068	0.068
Ethylbenzene	0.22		0.043	0.043
o-Xylene	0.24		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.66		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-3
Client Matrix: Air

Date Sampled: 09/21/2011 1525
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25956	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eene006.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 1618			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 1618			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	0.085		0.010	0.010
1,1,1-Trichloroethane	0.021	NJ	0.010	0.010
Benzene	0.34		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.22		0.010	0.010
Toluene	0.34		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.056		0.010	0.010
Ethylbenzene	0.20		0.010	0.010
o-Xylene	0.27		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.73		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U *	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.34		0.040	0.040
1,1,1-Trichloroethane	0.11	NJ	0.055	0.055
Benzene	1.1		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.2		0.054	0.054
Toluene	1.3		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.38		0.068	0.068
Ethylbenzene	0.86		0.043	0.043
o-Xylene	1.2		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	3.2		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-4
Client Matrix: Air

Date Sampled: 09/21/2011 1528
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend011.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 1936			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 1936			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	0.13		0.010	0.010
1,1,1-Trichloroethane	0.024	NJ	0.010	0.010
Benzene	0.47		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.34		0.010	0.010
Toluene	0.54		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.072		0.010	0.010
Ethylbenzene	0.24		0.010	0.010
o-Xylene	0.32		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.87		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.52		0.040	0.040
1,1,1-Trichloroethane	0.13	NJ	0.055	0.055
Benzene	1.5		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.8		0.054	0.054
Toluene	2.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.49		0.068	0.068
Ethylbenzene	1.0		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	3.8		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-6
Client Matrix: Air

Date Sampled: 09/21/2011 1500
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend012.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 2031			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 2031			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	0.17		0.010	0.010
1,1,1-Trichloroethane	0.025	NJ	0.010	0.010
Benzene	0.39		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.21		0.010	0.010
Toluene	0.44		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.036		0.010	0.010
Ethylbenzene	0.14		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	0.48		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.67		0.040	0.040
1,1,1-Trichloroethane	0.14	NJ	0.055	0.055
Benzene	1.3		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.1		0.054	0.054
Toluene	1.7		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.24		0.068	0.068
Ethylbenzene	0.61		0.043	0.043
o-Xylene	0.76		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.1		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-7
Client Matrix: Air

Date Sampled: 09/21/2011 1458
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend013.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 2126			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 2126			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	0.16		0.010	0.010
1,1,1-Trichloroethane	0.013	NJ	0.010	0.010
Benzene	0.26		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.27		0.010	0.010
Toluene	0.40		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.027		0.010	0.010
Ethylbenzene	0.14		0.010	0.010
o-Xylene	0.16		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.45		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.64		0.040	0.040
1,1,1-Trichloroethane	0.071	NJ	0.055	0.055
Benzene	0.84		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.4		0.054	0.054
Toluene	1.5		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.19		0.068	0.068
Ethylbenzene	0.61		0.043	0.043
o-Xylene	0.70		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.0		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-8
Client Matrix: Air

Date Sampled: 09/21/2011 1456
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend014.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 2221			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 2221			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.13		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	0.15		0.010	0.010
1,1,1-Trichloroethane	0.066		0.010	0.010
Benzene	0.22		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.30		0.010	0.010
Toluene	0.39		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.019		0.010	0.010
Ethylbenzene	0.15		0.010	0.010
o-Xylene	0.096		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.29		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.50		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	0.60		0.040	0.040
1,1,1-Trichloroethane	0.36		0.055	0.055
Benzene	0.70		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.6		0.054	0.054
Toluene	1.5		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.13		0.068	0.068
Ethylbenzene	0.66		0.043	0.043
o-Xylene	0.42		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	1.2		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-9
Client Matrix: Air

Date Sampled: 09/21/2011 1457
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend015.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/27/2011 2315			Final Weight/Volume:	500 mL
Prep Date:	09/27/2011 2315			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	0.014		0.010	0.010
1,1,1-Trichloroethane	0.015	NJ	0.010	0.010
Benzene	0.17		0.010	0.010
1,2-Dichloroethane	0.023	NJ	0.020	0.020
Trichloroethene	0.34		0.010	0.010
Toluene	0.18		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.015		0.010	0.010
Ethylbenzene	0.013		0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.020		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.055		0.040	0.040
1,1,1-Trichloroethane	0.084	NJ	0.055	0.055
Benzene	0.55		0.032	0.032
1,2-Dichloroethane	0.094	NJ	0.081	0.081
Trichloroethene	1.8		0.054	0.054
Toluene	0.66		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.10		0.068	0.068
Ethylbenzene	0.056		0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.087		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-10
Client Matrix: Air

Date Sampled: 09/21/2011 1500
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend016.d
Dilution:	10			Initial Weight/Volume:	50 mL
Analysis Date:	09/28/2011 0010			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 0010			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1,1-Trichloroethane	0.10	U	0.10	0.10
Benzene	0.52		0.10	0.10
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	6.9		0.10	0.10
Toluene	0.66		0.10	0.10
1,1,2-Trichloroethane	0.10	U	0.10	0.10
Tetrachloroethene	0.10	U	0.10	0.10
Ethylbenzene	0.10	U	0.10	0.10
o-Xylene	0.10	U	0.10	0.10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.10
m-Xylene & p-Xylene	0.20	U	0.20	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.51	0.51
1,1-Dichloroethene	0.40	U	0.40	0.40
trans-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1-Dichloroethane	0.40	U	0.40	0.40
cis-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1,1-Trichloroethane	0.55	U	0.55	0.55
Benzene	1.7		0.32	0.32
1,2-Dichloroethane	0.81	U	0.81	0.81
Trichloroethene	37		0.54	0.54
Toluene	2.5		0.38	0.38
1,1,2-Trichloroethane	0.55	U	0.55	0.55
Tetrachloroethene	0.68	U	0.68	0.68
Ethylbenzene	0.43	U	0.43	0.43
o-Xylene	0.43	U	0.43	0.43
1,1,2,2-Tetrachloroethane	0.69	U	0.69	0.69
m-Xylene & p-Xylene	0.87	U	0.87	0.87

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-11
Client Matrix: Air

Date Sampled: 09/21/2011 1459
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend017.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 0105			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 0105			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	0.12		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.15		0.010	0.010
Toluene	0.37		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.049		0.010	0.010
o-Xylene	0.048		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.14		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.38		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.82		0.054	0.054
Toluene	1.4		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.21		0.043	0.043
o-Xylene	0.21		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.63		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-12
Client Matrix: Air

Date Sampled: 09/21/2011 1452
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend018.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 0159			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 0159			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	0.021		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.28		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.24		0.010	0.010
Toluene	0.99		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.015		0.010	0.010
Ethylbenzene	0.20		0.010	0.010
o-Xylene	0.26		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.72		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.083		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.90		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.3		0.054	0.054
Toluene	3.7		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.10		0.068	0.068
Ethylbenzene	0.85		0.043	0.043
o-Xylene	1.1		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	3.1		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-13
Client Matrix: Air

Date Sampled: 09/21/2011 1444
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend019.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 0254			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 0254			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	0.040		0.010	0.010
1,1,1-Trichloroethane	0.018	NJ	0.010	0.010
Benzene	0.14		0.010	0.010
1,2-Dichloroethane	0.054		0.020	0.020
Trichloroethene	0.14		0.010	0.010
Toluene	0.11		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.012		0.010	0.010
Ethylbenzene	0.022		0.010	0.010
o-Xylene	0.027		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.074		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.16		0.040	0.040
1,1,1-Trichloroethane	0.096	NJ	0.055	0.055
Benzene	0.44		0.032	0.032
1,2-Dichloroethane	0.22		0.081	0.081
Trichloroethene	0.75		0.054	0.054
Toluene	0.40		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.081		0.068	0.068
Ethylbenzene	0.094		0.043	0.043
o-Xylene	0.12		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.32		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-14
Client Matrix: Air

Date Sampled: 09/21/2011 1445
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25925	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eend020.d
Dilution:	1.5			Initial Weight/Volume:	333 mL
Analysis Date:	09/28/2011 0349			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 0349			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.030	U	0.030	0.030
1,1-Dichloroethene	0.015	U	0.015	0.015
trans-1,2-Dichloroethene	0.015	U	0.015	0.015
1,1-Dichloroethane	0.015	U	0.015	0.015
cis-1,2-Dichloroethene	0.059		0.015	0.015
1,1,1-Trichloroethane	0.023	NJ	0.015	0.015
Benzene	0.17		0.015	0.015
1,2-Dichloroethane	0.068	U	0.030	~~0.030~~ 0.068
Trichloroethene	0.95		0.015	0.015
Toluene	0.60		0.015	0.015
1,1,2-Trichloroethane	0.015	U	0.015	0.015
Tetrachloroethene	0.12		0.015	0.015
Ethylbenzene	0.081		0.015	0.015
o-Xylene	0.044		0.015	0.015
1,1,2,2-Tetrachloroethane	0.015	U	0.015	0.015
m-Xylene & p-Xylene	0.17		0.030	0.030

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.077	U	0.077	0.077
1,1-Dichloroethene	0.059	U	0.059	0.059
trans-1,2-Dichloroethene	0.059	U	0.059	0.059
1,1-Dichloroethane	0.061	U	0.061	0.061
cis-1,2-Dichloroethene	0.24		0.059	0.059
1,1,1-Trichloroethane	0.12	NJ	0.082	0.082
Benzene	0.55		0.048	0.048
1,2-Dichloroethane	0.27	U	0.12	~~0.12~~ 0.27
Trichloroethene	5.1		0.081	0.081
Toluene	2.3		0.057	0.057
1,1,2-Trichloroethane	0.082	U	0.082	0.082
Tetrachloroethene	0.81		0.10	0.10
Ethylbenzene	0.35		0.065	0.065
o-Xylene	0.19		0.065	0.065
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.10
m-Xylene & p-Xylene	0.73		0.13	0.13

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7114-15
Client Matrix: Air

Date Sampled: 09/21/2011 1447
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25956	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eene007.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 1713			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 1713			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	0.060		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.22		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.020		0.010	0.010
o-Xylene	0.018		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.047		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U *	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.19		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.82		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.085		0.043	0.043
o-Xylene	0.077		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.21		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

Client Sample ID: **IA-DUPE**

Lab Sample ID: 200-7114-16
Client Matrix: Air

Date Sampled: 09/21/2011 1525
Date Received: 09/22/2011 1020

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25956	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eene008.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 1807			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 1807			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	0.093		0.010	0.010
1,1,1-Trichloroethane	0.024	NJ	0.010	0.010
Benzene	0.33		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.23		0.010	0.010
Toluene	0.42		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.081		0.010	0.010
Ethylbenzene	0.23		0.010	0.010
o-Xylene	0.32		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.87		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U *	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.37		0.040	0.040
1,1,1-Trichloroethane	0.13	NJ	0.055	0.055
Benzene	1.1		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.3		0.054	0.054
Toluene	1.6		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.55		0.068	0.068
Ethylbenzene	1.0		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	3.8		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-7114-1
Sdg Number: 200-7114

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

Lab Sample ID: 200-7193-1
Client Matrix: Air

Date Sampled: 09/21/2011 0715
Date Received: 09/27/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-25956	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eene005.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	09/28/2011 1523			Final Weight/Volume:	500 mL
Prep Date:	09/28/2011 1523			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U *	0.020	0.020
1,1-Dichloroethene	0.037		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	0.24		0.010	0.010
1,1,1-Trichloroethane	0.15		0.010	0.010
Benzene	0.54		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.52		0.010	0.010
Toluene	0.80		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.17		0.010	0.010
Ethylbenzene	0.41		0.010	0.010
o-Xylene	0.57		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	1.6		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U *	0.051	0.051
1,1-Dichloroethene	0.15		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	0.97		0.040	0.040
1,1,1-Trichloroethane	0.82		0.055	0.055
Benzene	1.7		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.8		0.054	0.054
Toluene	3.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	1.2		0.068	0.068
Ethylbenzene	1.8		0.043	0.043
o-Xylene	2.5		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	7.1		0.087	0.087