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

June 3, 2011

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

Re: *March 2011 Indoor Air Sampling Report*

Dear Mr. Festa:

Attached are the March 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 next sampling event will be conducted during the week of June 20, 2011.

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

Sincerely,

Pam M. Cox
Manager –Workplace Safety & Environmental Compliance

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

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Attachment A
March 2011 Indoor Air Sampling Event Summary

Introduction

In March 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. In June 2010, the fan motor overheated. 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 March 23, 2011, the following air samples were collected:

- Eleven 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. Subslab samples were analyzed using United States Environmental Protection Agency (USEPA) Method TO-15. Crawl space and indoor- and outdoor-air samples were analyzed using low-level USEPA Method TO-15. Analytical results are provided in Tables 1 through 6 and displayed graphically on Figures 7 through 11.

Sampling, laboratory analysis, quality assurance and quality control, and data validation were conducted in accordance with the *Soil Vapor Intrusion Pathway Investigation Work Plan and Quality Assurance Project Plan* dated May 7, 2003. Data Validation Services, Inc. of North Creek, New York performed third-party data validation. Sample analysis and reporting were completed in compliance with project requirements.

Contaminant Trends
The March 2011 indoor air TCE concentrations ranged from 1.6 to 11 micrograms per cubic meter (μg/m^3), which were within the range measured since the ventilation and SSD systems began operating. The TCE concentration range was lower and narrower than in March 2010 (1.8 to 13 μg/m^3).

Building 9 Area
The TCE concentration in the Building 9 office indoor air (2.2 μg/m^3) was less than the March 2010 concentration (5.9 μg/m^3) and within the range of previous concentrations (0.12 to 30 μg/m^3). The TCE concentration in the Building 9 warehouse indoor air (11 μg/m^3) was less than the March 2010 concentration (13 μg/m^3) and was within the range of previous concentrations (0.091 to 51 μg/m^3). The TCE concentration in the Building 9 crawlspace air (16 μg/m^3) was within the range of previous concentrations when the crawl space ventilation system was operating (5.4 to 43 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 1.8 to 4.6 μg/m^3, which were within the previous concentration range (1.5 to 81 μg/m^3) during system operation. As shown in the following table, the March 2011 Building 11 Area indoor air TCE concentrations were less than the respective March 2010 concentrations, with the exception of the Building 13 sample.

Building	March 2011 TCE Concentration in Indoor Air (μg/m^3)	March 2010 TCE Concentration in Indoor Air (μg/m^3)
11	3.7	7.5
11A	4.6	9.1
13	2.1	1.8
13A	1.8	2.1

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
The TCE concentration in the indoor air (1.6 μg/m^3), was within the range of previous concentrations (0.64 to 18 μg/m^3) during system operation, and was less than the concentration in March 2010 (4.7 μg/m^3). Since July 2003, TCE concentrations in the subslab vapor beneath Building 7 have decreased by two orders of magnitude, from 3,300 to 28 μg/m^3 (Figure 7). 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 11 and 5.7 μg/m^3, respectively. These concentrations were equal to or lower than the Building 10 and 10A March 2010 TCE concentrations (11 μg/m^3 and 9.7 μg/m^3, respectively). The Building 10 SSD system sustains negative pressures in the subslab greater than 100 feet from the extraction wells.

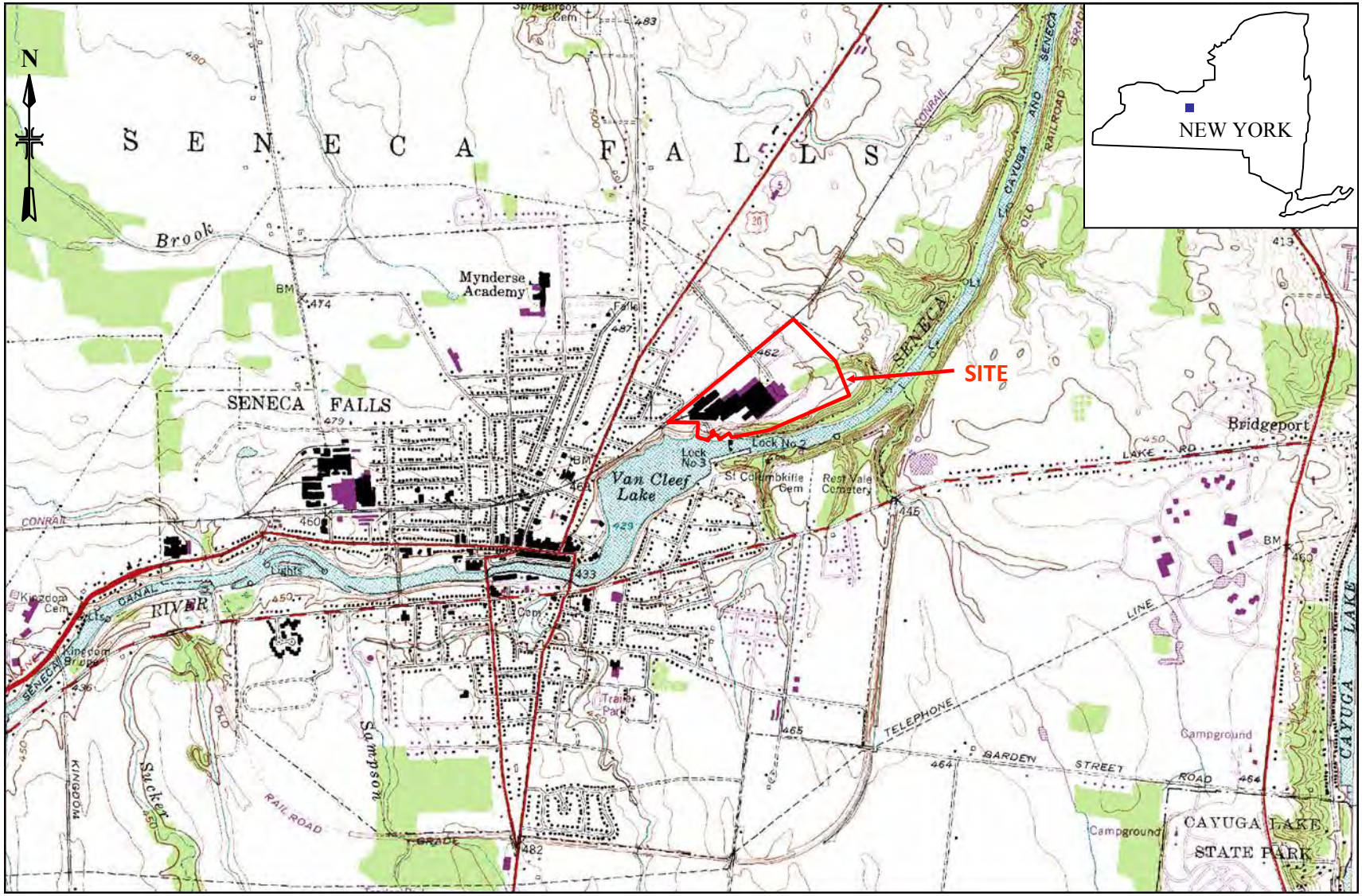
Building 1A Area

The TCE concentration in the Building 1A first floor indoor air (6.8 μg/m^3) was less than the March 2010 concentration (7.5 μg/m^3) and was within the range of previous concentrations (0.059 to 27 μg/m^3). The TCE concentration in the Building 1A basement indoor air (67 μg/m^3) was higher than the March 2010 concentration (24 μg/m^3) and within the range of previous concentrations (0.081 to 160 μg/m^3). In response to the increase in basement air TCE concentration, a sub-slab vapor extraction point was added to the system on April 21, 2011. The modification was made to improve the subslab ventilation near the trench drain in the center of the basement.

Conclusions

The analytical results and field measurements indicate that the SSD and ventilation systems are effective at sustaining negative differential pressures. Operation of the SSD and ventilation 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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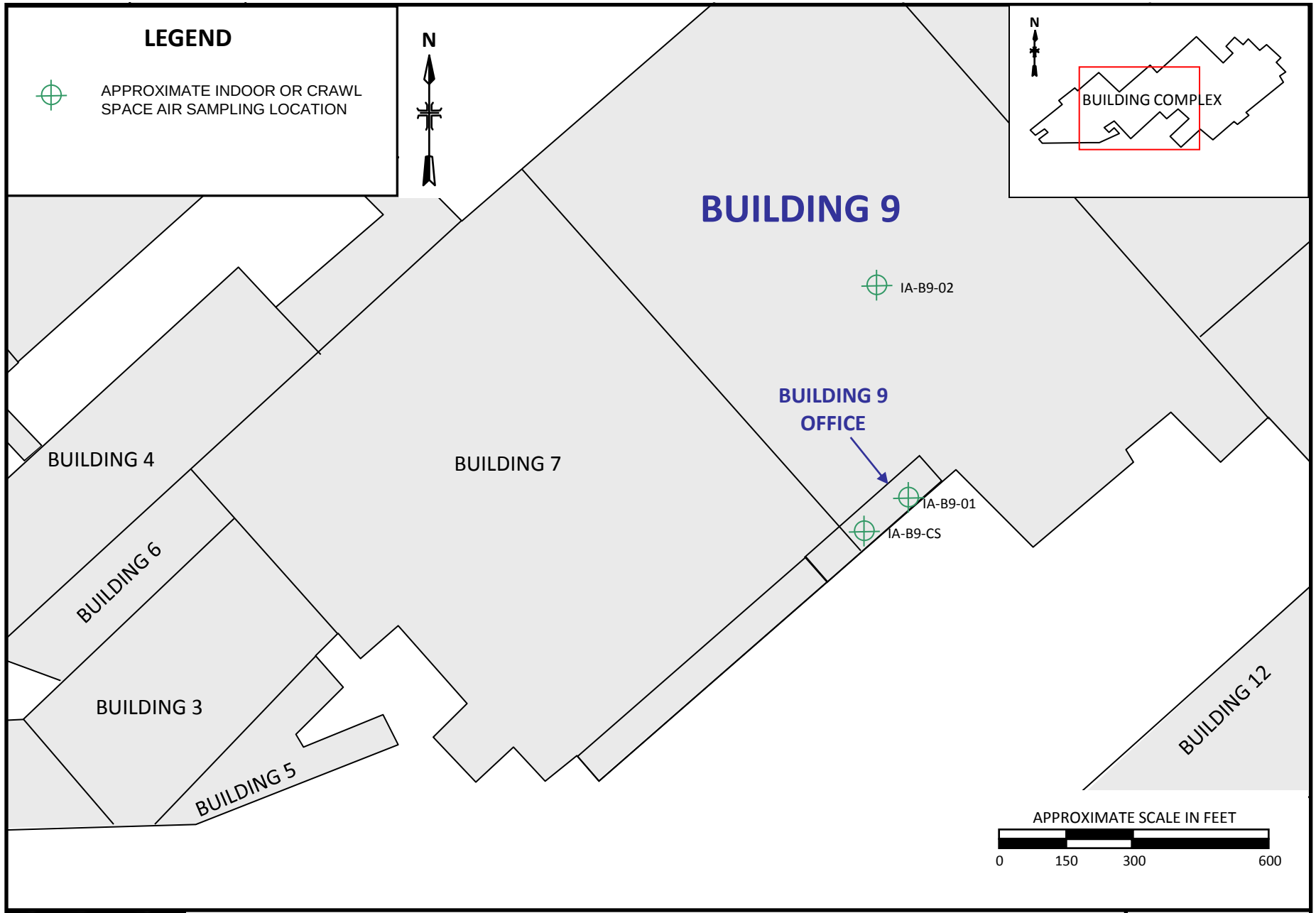
FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

SITE LOCATION

FIGURE 1



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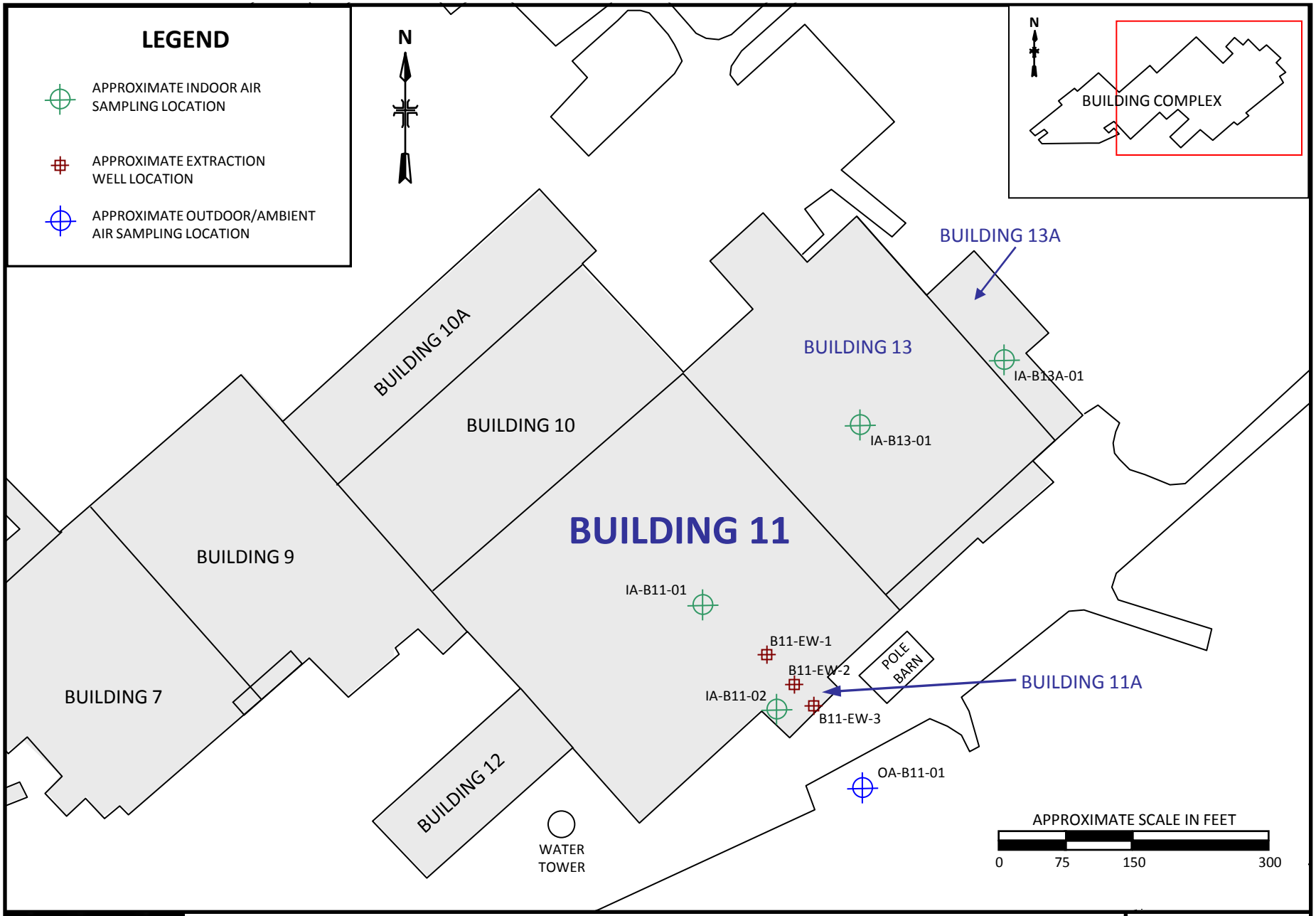
BUILDING 9 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 2



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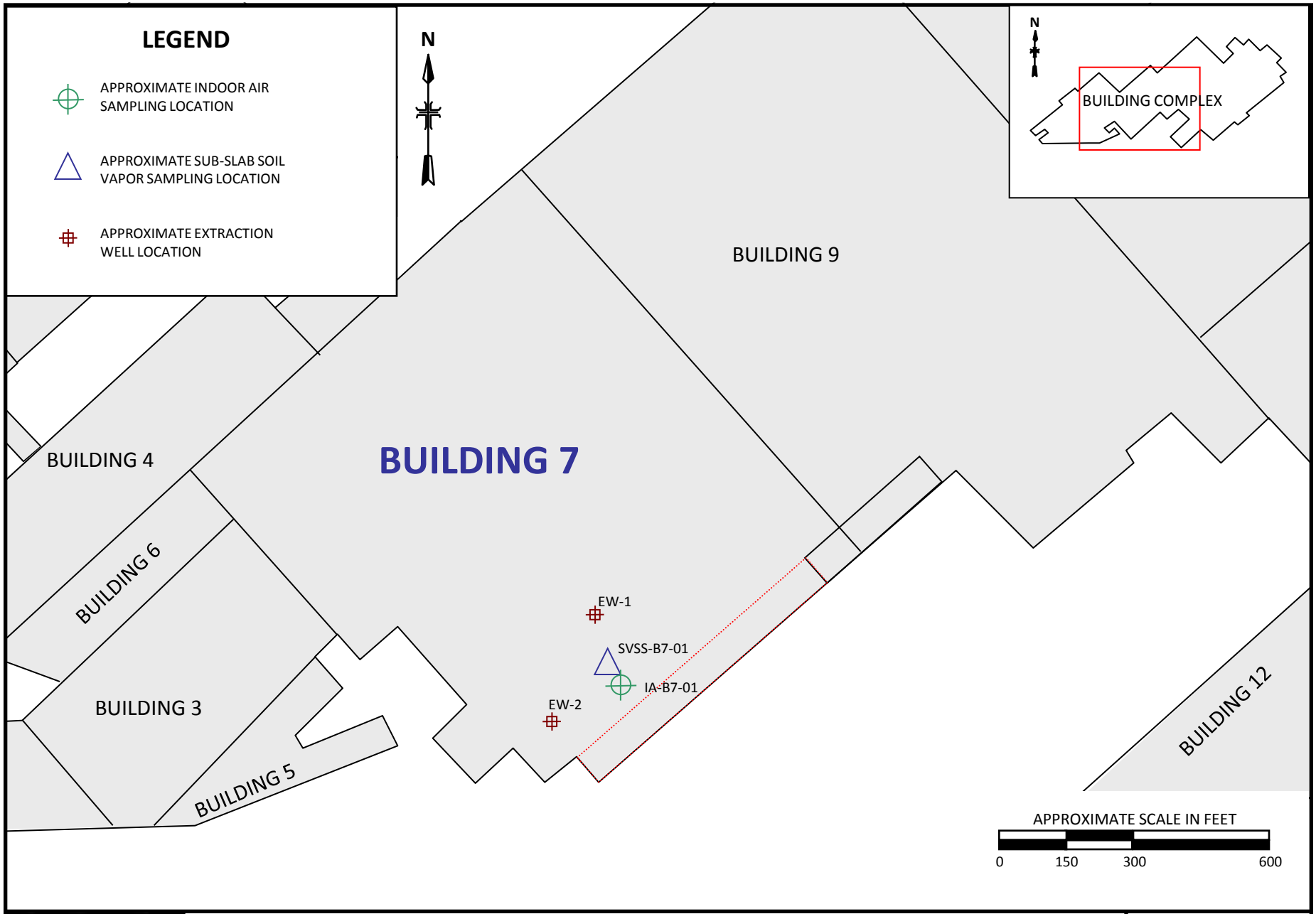
BUILDING 11 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 3



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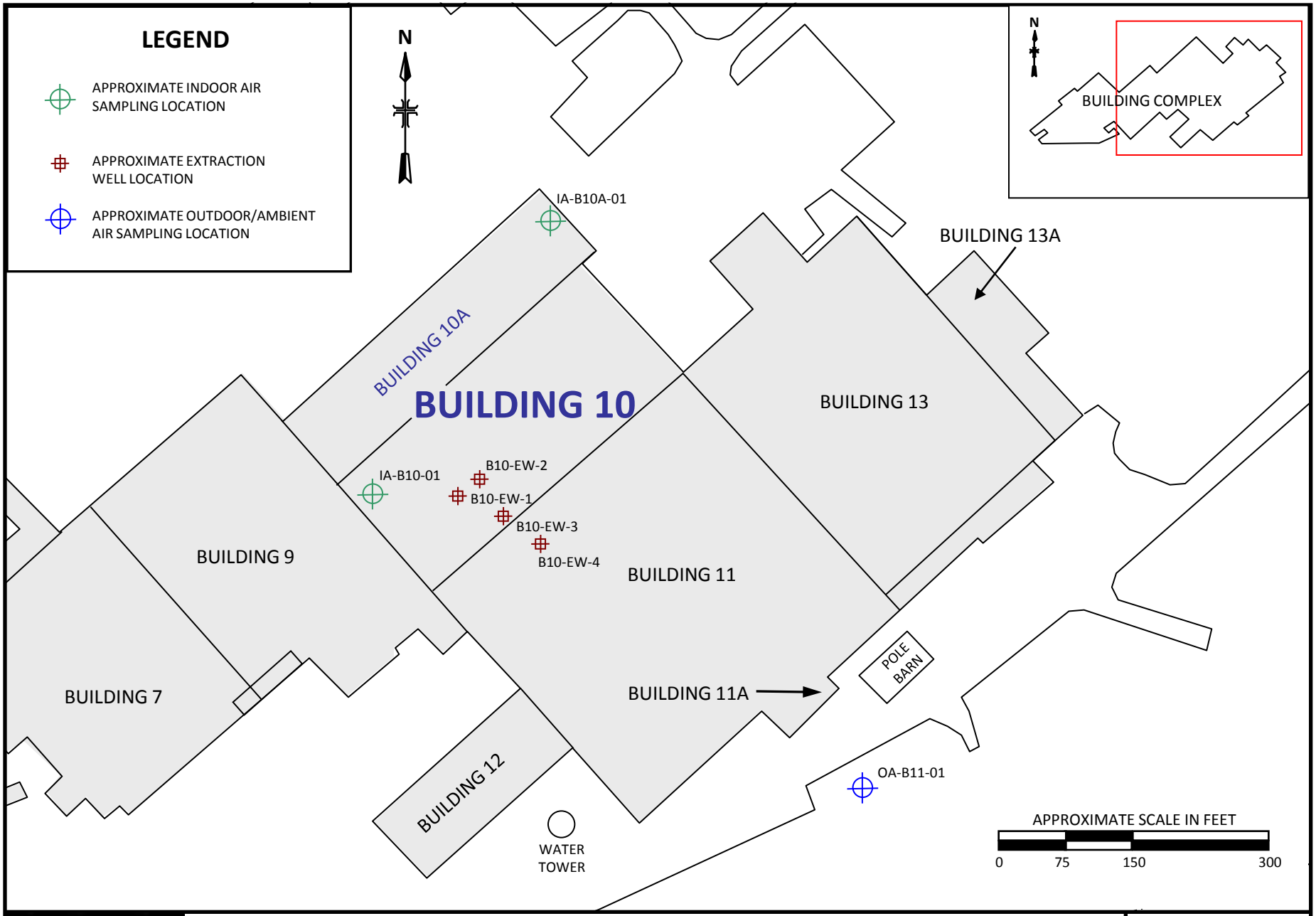
BUILDING 7 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 4



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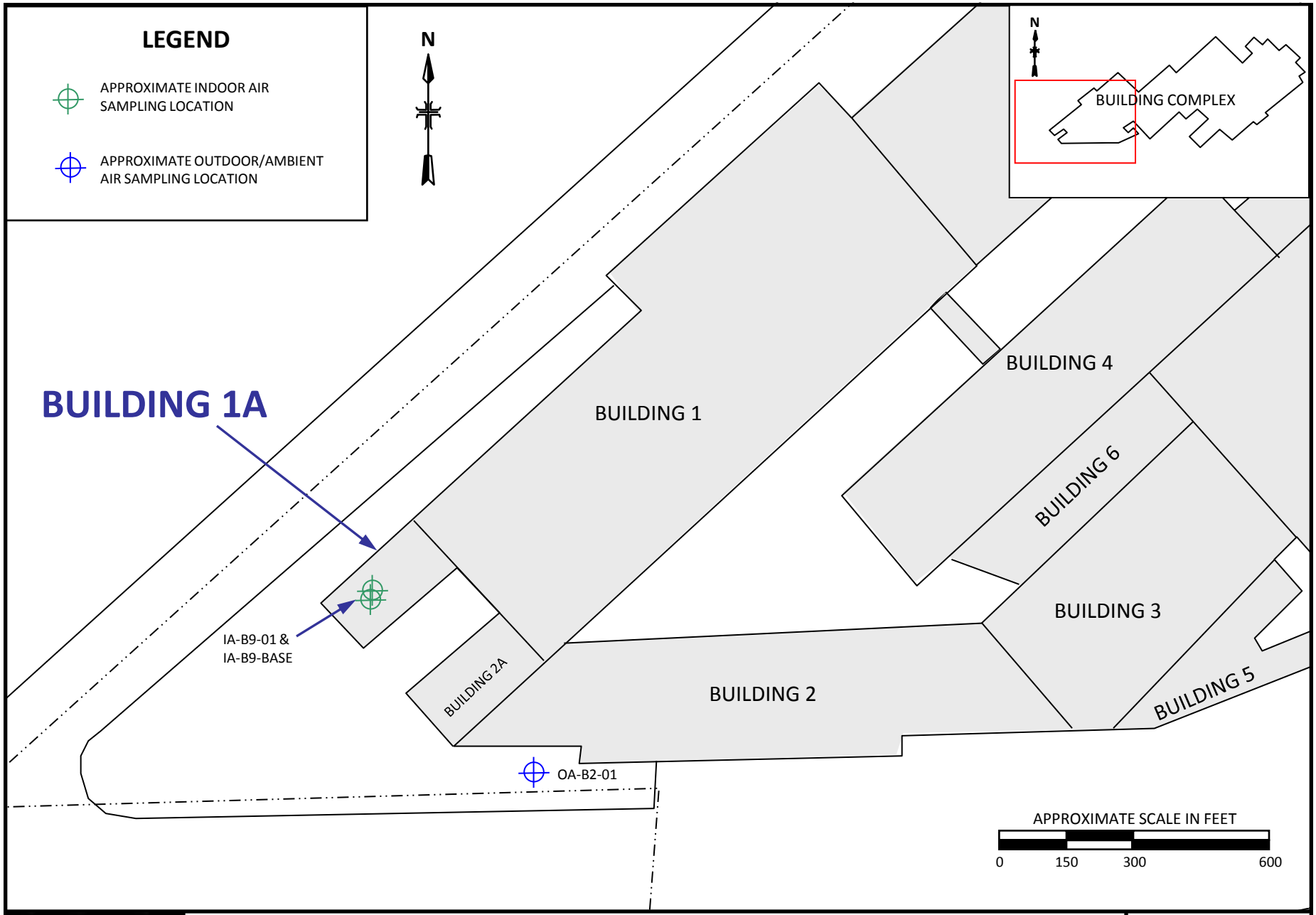
BUILDING 10 AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 5



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BUILDING 1A AREA CONFIRMATORY SAMPLING LOCATIONS

FIGURE 6

Figure 7: Building 9 Area TCE Concentrations

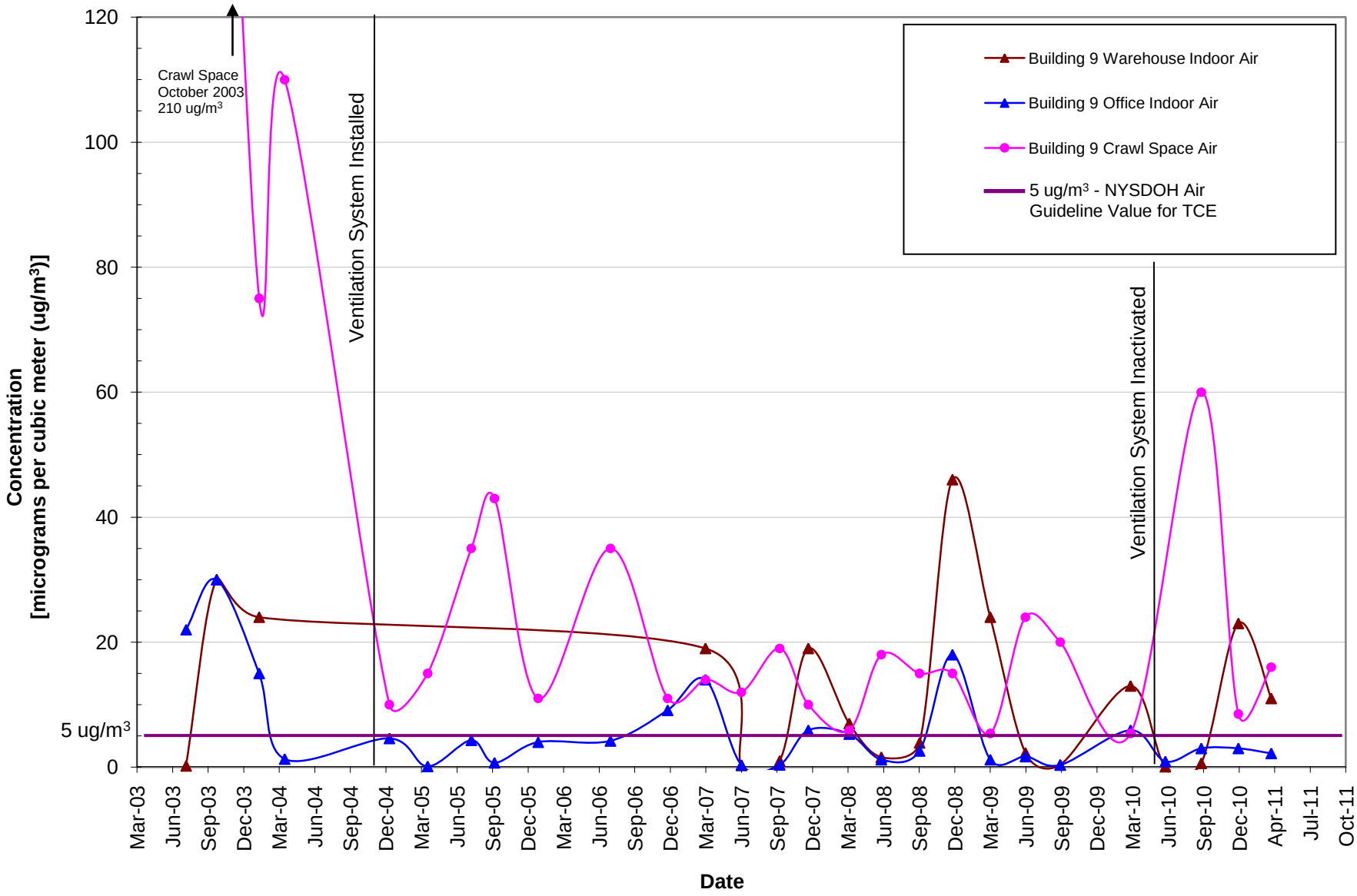


Figure 8: Building 11 Area TCE Concentrations

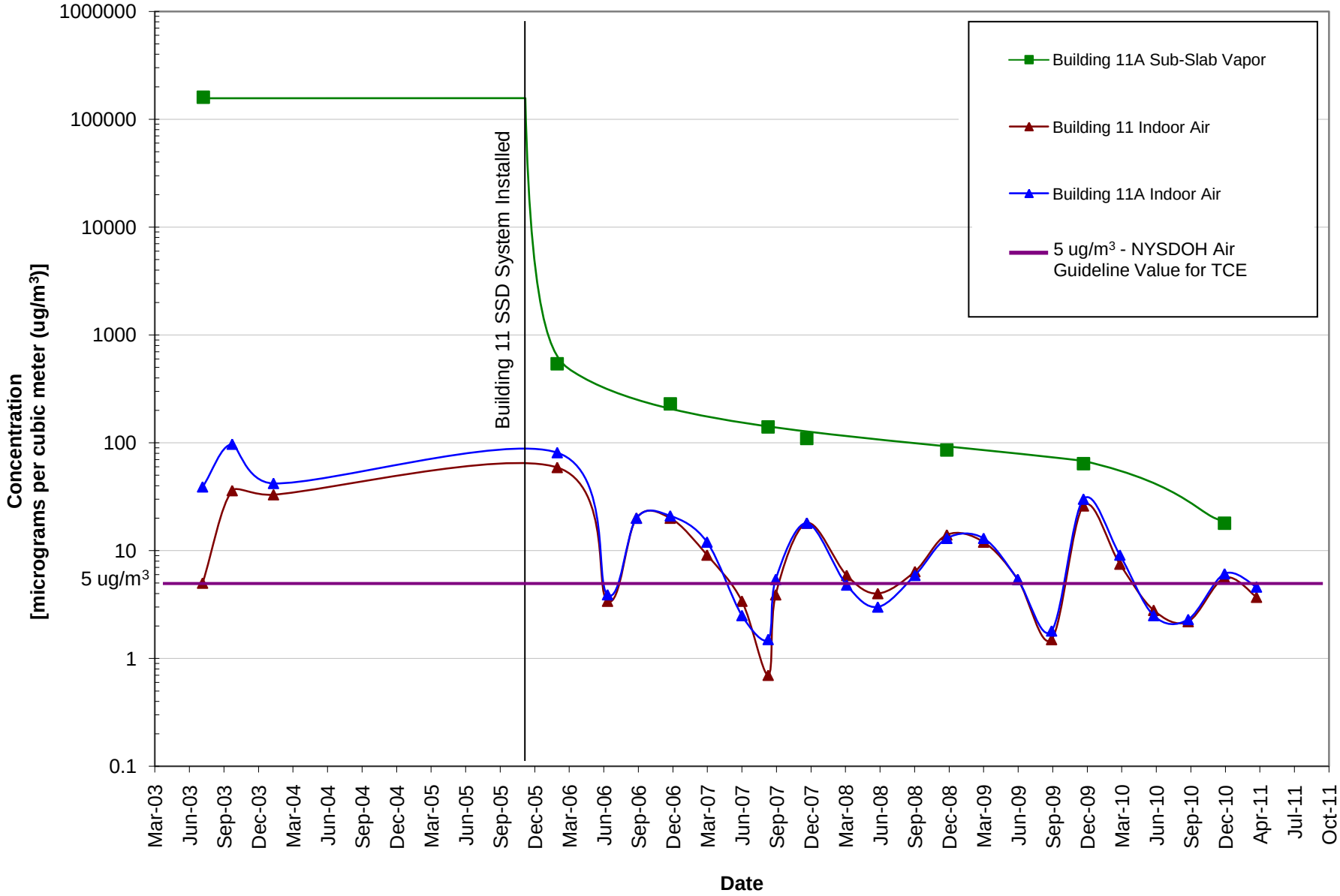


Figure 9: Building 7 Area TCE Concentrations

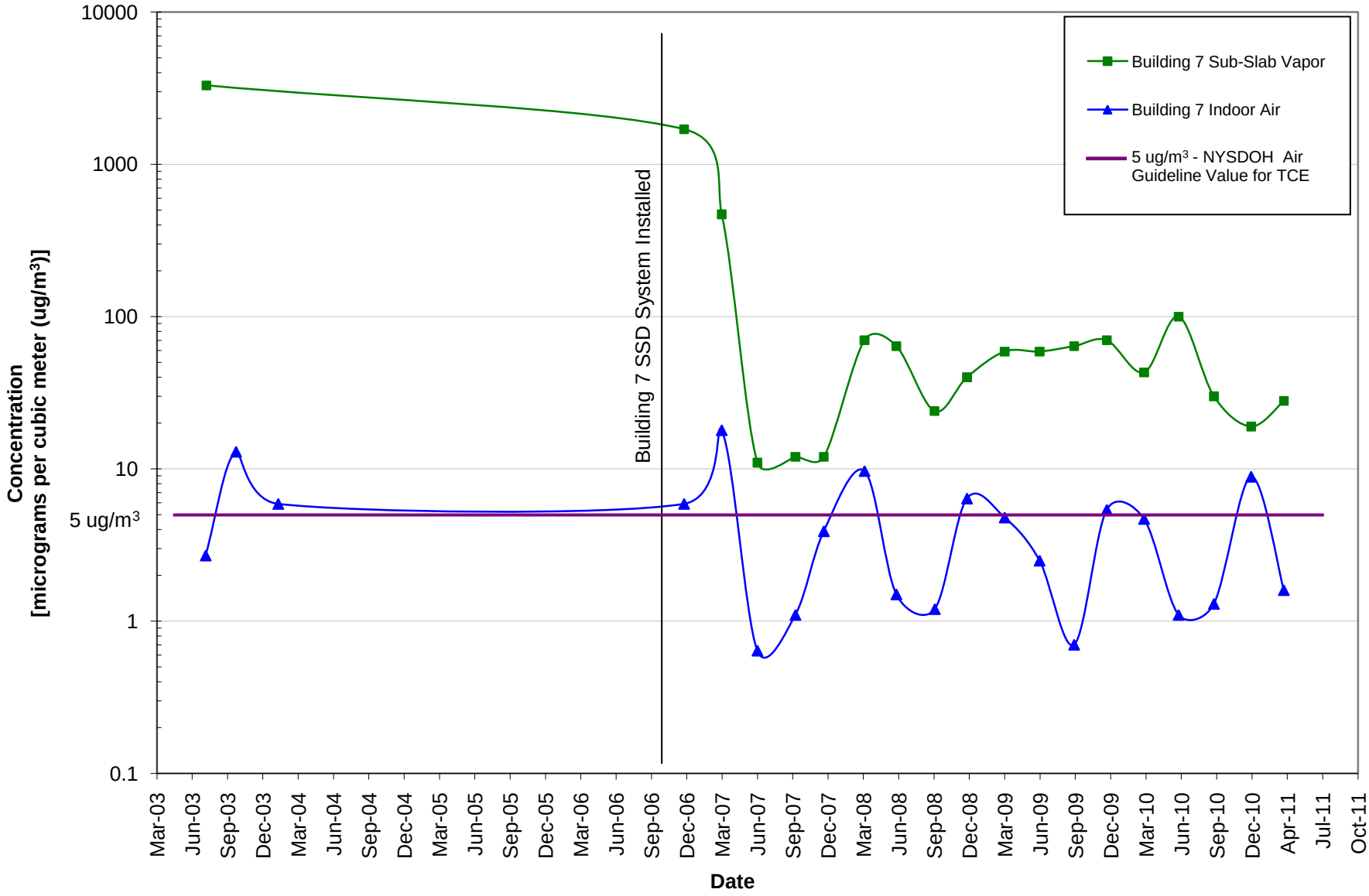


Figure 10: Building 10 Area TCE Concentrations

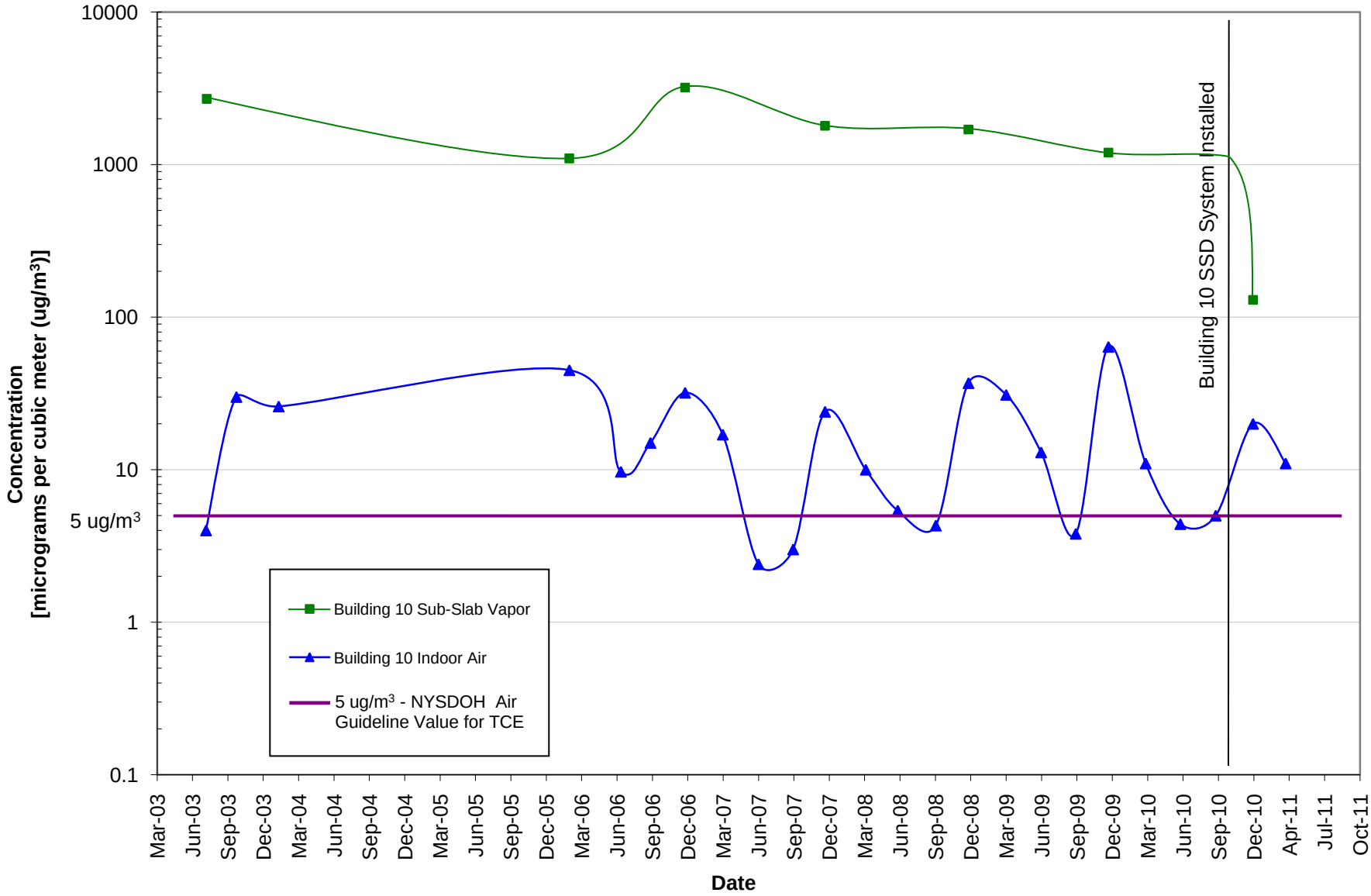
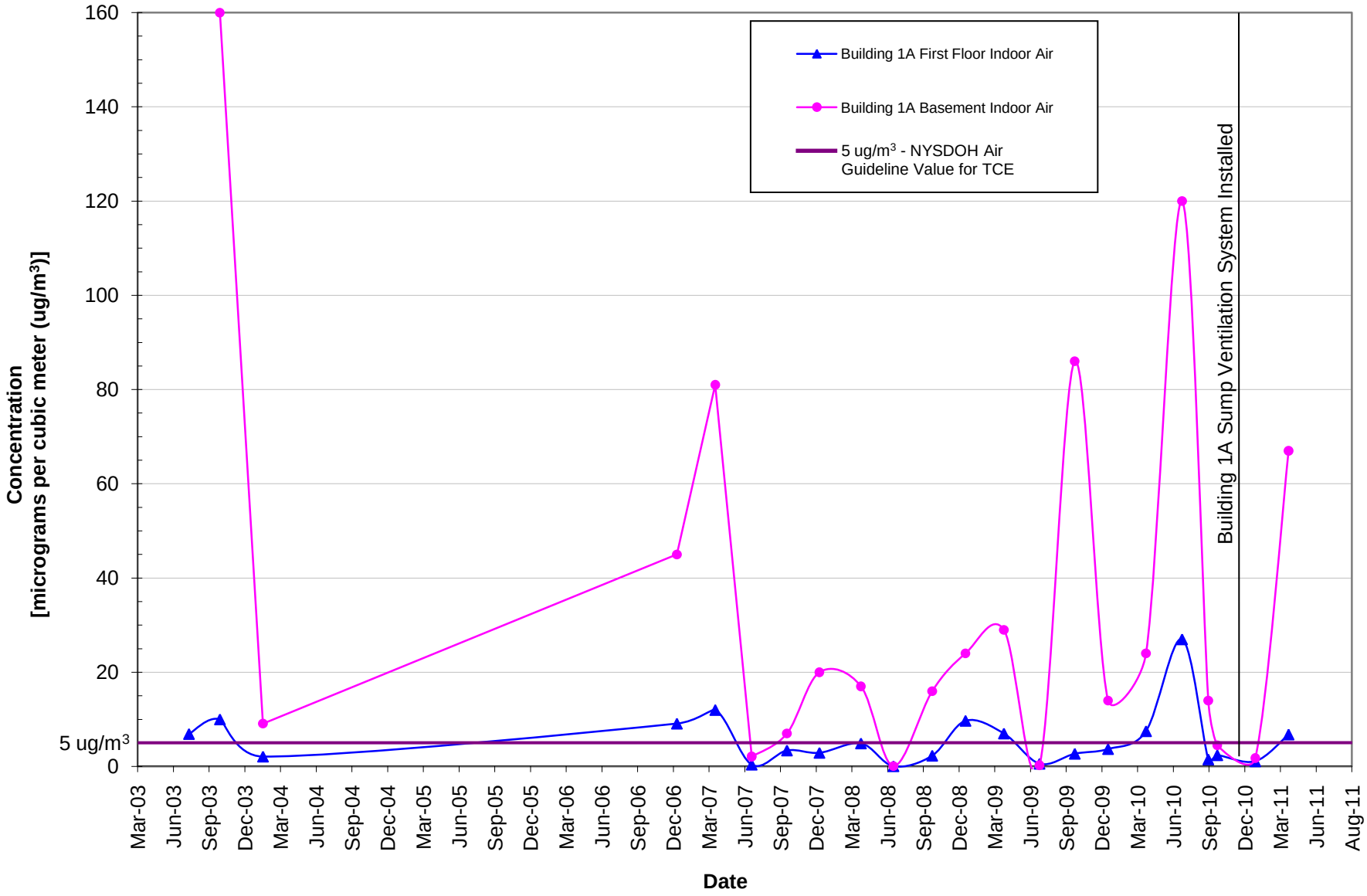


Figure 11: Building 1A Area TCE Concentrations



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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 in value due to poor mass spectral quality
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 1
Building 9 Area Analytical Data Summary
Former Philips Display Facility - Seneca Falls, New York

Sample Description	BUILDING 9 WAREHOUSE INDOOR AIR																			
Sample ID	IA-B9-02																			
Date Collected	7/15/2003	10/2/2003	1/20/2004	3/20/2007	6/21/2007	9/28/2007	12/11/2007	3/26/2008	6/17/2008	9/24/2008	12/18/2008	3/26/2009	6/25/2009	9/23/2009	12/17/2009	3/24/2010	6/22/2010	9/22/2010	12/28/2010	3/23/2011
1,1,1-Trichloroethane	0.15	0.55 U	0.41 U	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
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	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
1,1,2-Trichloroethane	0.10 U	0.55 U	0.41 U	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
1,1-Dichloroethane	0.080 U	0.40 U	0.30 U	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
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	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
1,2-Dichloroethane	0.080 U	0.40 U	0.30 U	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
Benzene	1.1	3.1	5.1	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
cis-1,2-Dichloroethene	0.056 U	2.2	3.0	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
Ethylbenzene	0.35	0.65	16	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
Tetrachloroethene	1.9	2.0	7.5	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
Toluene	2.1	2.4	9.8	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
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	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
Trichloroethene	0.22	30	24	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
Vinyl chloride	0.020 U	0.26 U	0.19 U	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
m-Xylene & p-Xylene	0.93	1.7	65	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
o-Xylene	0.34	0.61	16	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

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$).
U - Not detected above reporting limit
NA - Not Applicable
NJ - Tentative in identification and estimated in value due to poor mass spectral quality

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 in value due to poor mass spectral quality
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 in value due to poor mass spectral quality
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 in value due to poor mass spectral quality
NS - Not Sampled

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

Sample Description	BUILDING 7 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
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
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
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
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
1,1-Dichloroethene	0.04 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.079 U	0.079 U	0.12 UJ	0.44 U	0.13 U	0.20 U	0.059 U	0.079 U	0.12 U	0.099 U	0.24 U	0.12 U	0.08 U
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
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
cis-1,2-Dichloroethene	0.21	0.95	1.0	0.52	0.95	0.095 NJ	0.075	0.63	0.75	0.44	0.12 J	0.52	4.4	0.34 NJ	0.067	0.26	0.75	0.099	0.24 U	0.66	0.14
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
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
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
trans-1,2-Dichloroethene	0.056 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.079 U	0.079 U	0.12 UJ	0.44 U	0.13 U	0.20 U	0.059 U	0.079 U	0.12 U	0.099 U	0.24 U	0.12 U	0.08 U
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
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
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
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

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

Notes:

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

U - Not detected above reporting limit

NJ - Tentative in identification and estimated in value due to poor mass spectral quality

NS - Not Sampled

J - Estimated

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 in value due to poor mass spectral quality

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 in value due to poor mass spectral quality

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
1,1,1-Trichloroethane	NS	0.6 JT	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
T - Tentative in identification due to poor mass spectral quality
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
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
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
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
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	0.04 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	0.04 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
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
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	0.04 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
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
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
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	0.04 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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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	0.04 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
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
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
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

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

J - Estimated

NJ - Tentative in identification and estimated in value due to poor mass spectral quality

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

May 10, 2011

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

RE: Validation of the Former Philips Display Components Facility, Seneca Falls Site Data Package
Indoor Air and Soil Vapor samples- March 2011
TestAmerica-VT SDG No. 220-4408-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on 03/23/11 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 as reported.

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.

Chain-of-Custody/Sample Receipt

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

The comment in the laboratory case narrative stating that the samples were received on ice is incorrect. The samples were received properly at ambient temperature.

Volatile Analyses by EPA TO-15

Holding times and instrument tunes meet requirements. Internal standard recoveries are acceptable.

The blind field duplicate correlations for sample IA-B11-02 are acceptable.

Method and canister blanks show no contamination. The clean canister certification raw data documentation were reviewed during validation.

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

Laboratory Control Samples show acceptable recoveries.

Following a laboratory screening, some 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

Judy Harry

CLIENT and LABORATORY SAMPLE IDs and CASE NARRATIVE

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-4408-1	DUP	Air	03/23/2011 1516	03/25/2011 1010
200-4408-2	OA-B11-01	Air	03/23/2011 1422	03/25/2011 1010
200-4408-3	OA-B2-01	Air	03/23/2011 1510	03/25/2011 1010
200-4408-4	IA-B9-CS	Air	03/23/2011 1410	03/25/2011 1010
200-4408-5	IA-B7-01	Air	03/23/2011 1507	03/25/2011 1010
200-4408-6	IA-B9-02	Air	03/23/2011 1515	03/25/2011 1010
200-4408-7	IA-B11-02	Air	03/23/2011 1516	03/25/2011 1010
200-4408-8	IA-B11-01	Air	03/23/2011 1500	03/25/2011 1010
200-4408-9	IA-B13-01	Air	03/23/2011 1500	03/25/2011 1010
200-4408-10	IA-B13A-01	Air	03/23/2011 1426	03/25/2011 1010
200-4408-11	IA-B10A-01	Air	03/23/2011 1520	03/25/2011 1010
200-4408-12	IA-B10-01	Air	03/23/2011 1415	03/25/2011 1010
200-4408-13	IA-B9-01	Air	03/23/2011 1227	03/25/2011 1010
200-4408-14	IA-B9-01R	Air	03/23/2011 1635	03/25/2011 1010
200-4408-15	IA-B1A-01	Air	03/23/2011 1512	03/25/2011 1010
200-4408-16	IA-B1A-BASE	Air	03/23/2011 1515	03/25/2011 1010
200-4408-17	SVSS-B7-01	Air	03/23/2011 1028	03/25/2011 1010

CASE NARRATIVE

Client: Malcolm Pirnie, Inc.

Project: Seneca Falls

Report Number: 200-4408-2

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

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

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

RECEIPT

The samples were received on 03/25/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): OA-B11-01. The container label lists FC ID as 4245. The COC lists FC ID as 4255. Correct flow controller ID (4245) added to login assets.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): IA-B7-01. The container label lists canister ID as 3523 and flow controller ID as 5190. The COC lists canister ID as 4924 and flow controller ID as 4707. Correct IDs (3523, 5190)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-B9-02. The container label lists sample collection time as 1415. The COC lists sample collection time as 1515. Sample logged in with collection time found on the COC.

There were several non-validated text corrections on the container labels. Samples logged in with information found on the COC.

VOLATILE ORGANIC COMPOUNDS

Samples B10-INFLUENT and B10-EFFLUENT were analyzed for Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 04/01/2011.

Samples B10-INFLUENT[3X] and B10-EFFLUENT[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOC analyses.

All quality control parameters were within the acceptance limits.

SAMPLE RESULTS FORMS

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

Client Sample ID: DUP

Lab Sample ID: 200-4408-1
Client Matrix: Air

Date Sampled: 03/23/2011 1516
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl014.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/04/2011 2137			Final Weight/Volume:	500 mL
Prep Date:	04/04/2011 2137			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.033		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	0.36		0.010	0.010
1,1,1-Trichloroethane	0.083		0.010	0.010
Benzene	0.74		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.87		0.010	0.010
Toluene	0.85		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.39		0.010	0.010
Ethylbenzene	0.29		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	0.13		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	1.4		0.040	0.040
1,1,1-Trichloroethane	0.45		0.055	0.055
Benzene	2.4		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	4.7		0.054	0.054
Toluene	3.2		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	2.6		0.068	0.068
Ethylbenzene	1.3		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	5.1		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-2
Client Matrix: Air

Date Sampled: 03/23/2011 1422
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl015.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/04/2011 2233			Final Weight/Volume:	500 mL
Prep Date:	04/04/2011 2233			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	0.013		0.010	0.010
Toluene	0.080		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.014		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	0.043		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	0.39		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.068		0.054	0.054
Toluene	0.30		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.061		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	0.18		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-3
Client Matrix: Air

Date Sampled: 03/23/2011 1510
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl016.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/04/2011 2329			Final Weight/Volume:	500 mL
Prep Date:	04/04/2011 2329			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	0.13		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.010	U	0.010	0.010
Toluene	0.13		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.011		0.010	0.010
Ethylbenzene	0.019		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	0.046		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	0.41		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.054	U	0.054	0.054
Toluene	0.48		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.071		0.068	0.068
Ethylbenzene	0.084		0.043	0.043
o-Xylene	0.079		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.20		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-4
Client Matrix: Air

Date Sampled: 03/23/2011 1410
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16113	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejm012.d
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	04/05/2011 1956			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 1956			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.050	U	0.050	0.050
trans-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1-Dichloroethane	0.050	U	0.050	0.050
cis-1,2-Dichloroethene	0.050	U	0.050	0.050
1,1,1-Trichloroethane	0.050	U	0.050	0.050
Benzene	0.14		0.050	0.050
1,2-Dichloroethane	0.10	U	0.10	0.10
Trichloroethene	3.0		0.050	0.050
Toluene	0.12		0.050	0.050
1,1,2-Trichloroethane	0.050	U	0.050	0.050
Tetrachloroethene	0.050	U	0.050	0.050
Ethylbenzene	0.050	U	0.050	0.050
o-Xylene	0.050	U	0.050	0.050
1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
m-Xylene & p-Xylene	0.10	U	0.10	0.10

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.26	U	0.26	0.26
1,1-Dichloroethene	0.20	U	0.20	0.20
trans-1,2-Dichloroethene	0.20	U	0.20	0.20
1,1-Dichloroethane	0.20	U	0.20	0.20
cis-1,2-Dichloroethene	0.20	U	0.20	0.20
1,1,1-Trichloroethane	0.27	U	0.27	0.27
Benzene	0.45		0.16	0.16
1,2-Dichloroethane	0.40	U	0.40	0.40
Trichloroethene	16		0.27	0.27
Toluene	0.44		0.19	0.19
1,1,2-Trichloroethane	0.27	U	0.27	0.27
Tetrachloroethene	0.34	U	0.34	0.34
Ethylbenzene	0.22	U	0.22	0.22
o-Xylene	0.22	U	0.22	0.22
1,1,2,2-Tetrachloroethane	0.34	U	0.34	0.34
m-Xylene & p-Xylene	0.43	U	0.43	0.43

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-5
Client Matrix: Air

Date Sampled: 03/23/2011 1507
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl018.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/05/2011 0121			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 0121			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.035		0.020	0.020
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Benzene	0.54		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	0.31		0.020	0.020
Toluene	1.1		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.029		0.020	0.020
Ethylbenzene	0.20		0.020	0.020
o-Xylene	0.23		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.70		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.14		0.079	0.079
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Benzene	1.7		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	1.6		0.11	0.11
Toluene	4.2		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.19		0.14	0.14
Ethylbenzene	0.89		0.087	0.087
o-Xylene	0.98		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	3.0		0.17	0.17

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

Client Sample ID: IA-B9-02

Lab Sample ID: 200-4408-6
Client Matrix: Air

Date Sampled: 03/23/2011 1515
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl019.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/05/2011 0218			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 0218			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.17		0.020	0.020
1,1,1-Trichloroethane	0.021		0.020	0.020
Benzene	1.0		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	2.0		0.020	0.020
Toluene	1.1		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.086		0.020	0.020
Ethylbenzene	0.36		0.020	0.020
o-Xylene	0.28		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.83		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.67		0.079	0.079
1,1,1-Trichloroethane	0.11		0.11	0.11
Benzene	3.3		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	11		0.11	0.11
Toluene	4.1		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.58		0.14	0.14
Ethylbenzene	1.6		0.087	0.087
o-Xylene	1.2		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	3.6		0.17	0.17

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-7
Client Matrix: Air

Date Sampled: 03/23/2011 1516
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl020.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/05/2011 0314			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 0314			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.033		0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.36		0.020	0.020
1,1,1-Trichloroethane	0.078		0.020	0.020
Benzene	0.75		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	0.86		0.020	0.020
Toluene	0.86		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.24		0.020	0.020
Ethylbenzene	0.30		0.020	0.020
o-Xylene	0.45		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	1.2		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.13		0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	1.4		0.079	0.079
1,1,1-Trichloroethane	0.43		0.11	0.11
Benzene	2.4		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	4.6		0.11	0.11
Toluene	3.3		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	1.6		0.14	0.14
Ethylbenzene	1.3		0.087	0.087
o-Xylene	1.9		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	5.2		0.17	0.17

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

Client Sample ID: IA-B11-01

Lab Sample ID: 200-4408-8
Client Matrix: Air

Date Sampled: 03/23/2011 1500
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl021.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/05/2011 0410			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 0410			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.024		0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.28		0.020	0.020
1,1,1-Trichloroethane	0.063		0.020	0.020
Benzene	0.60		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	0.68		0.020	0.020
Toluene	0.71		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.19		0.020	0.020
Ethylbenzene	0.26		0.020	0.020
o-Xylene	0.37		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.98		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.094		0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	1.1		0.079	0.079
1,1,1-Trichloroethane	0.34		0.11	0.11
Benzene	1.9		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	3.7		0.11	0.11
Toluene	2.7		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	1.3		0.14	0.14
Ethylbenzene	1.1		0.087	0.087
o-Xylene	1.6		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	4.2		0.17	0.17

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-9
Client Matrix: Air

Date Sampled: 03/23/2011 1500
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16113	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejm013.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/05/2011 2052			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 2052			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.046		0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.11		0.010	0.010
1,1,1-Trichloroethane	0.13		0.010	0.010
Benzene	0.25		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.38		0.010	0.010
Toluene	0.34		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.099		0.010	0.010
Ethylbenzene	0.10		0.010	0.010
o-Xylene	0.14		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.39		0.020	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.18		0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.44		0.040	0.040
1,1,1-Trichloroethane	0.72		0.055	0.055
Benzene	0.79		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.1		0.054	0.054
Toluene	1.3		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.67		0.068	0.068
Ethylbenzene	0.45		0.043	0.043
o-Xylene	0.60		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	1.7		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-10
Client Matrix: Air

Date Sampled: 03/23/2011 1426
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16113	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejm014.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/05/2011 2148			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 2148			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.030		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	0.098		0.010	0.010
1,1,1-Trichloroethane	0.10		0.010	0.010
Benzene	0.24		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.33		0.010	0.010
Toluene	0.31		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.092		0.010	0.010
Ethylbenzene	0.11		0.010	0.010
o-Xylene	0.14		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.40		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	0.39		0.040	0.040
1,1,1-Trichloroethane	0.54		0.055	0.055
Benzene	0.75		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.8		0.054	0.054
Toluene	1.2		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.62		0.068	0.068
Ethylbenzene	0.47		0.043	0.043
o-Xylene	0.59		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	1.7		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-11
Client Matrix: Air

Date Sampled: 03/23/2011 1520
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-15993	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejl024.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/05/2011 0656			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 0656			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.48		0.020	0.020
1,1,1-Trichloroethane	0.045		0.020	0.020
Benzene	0.70		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.1		0.020	0.020
Toluene	1.3		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.12		0.020	0.020
Ethylbenzene	0.25		0.020	0.020
o-Xylene	0.28		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.82		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	1.9		0.079	0.079
1,1,1-Trichloroethane	0.24		0.11	0.11
Benzene	2.2		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	5.7		0.11	0.11
Toluene	4.9		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.80		0.14	0.14
Ethylbenzene	1.1		0.087	0.087
o-Xylene	1.2		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	3.6		0.17	0.17

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

Client Sample ID: IA-B10-01

Lab Sample ID: 200-4408-12
Client Matrix: Air

Date Sampled: 03/23/2011 1415
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16113	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejm020.d
Dilution:	2.5			Initial Weight/Volume:	200 mL
Analysis Date:	04/06/2011 0324			Final Weight/Volume:	500 mL
Prep Date:	04/06/2011 0324			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.050	U	0.050	0.050
1,1-Dichloroethene	0.025	U	0.025	0.025
trans-1,2-Dichloroethene	0.025	U	0.025	0.025
1,1-Dichloroethane	0.025	U	0.025	0.025
cis-1,2-Dichloroethene	0.24		0.025	0.025
1,1,1-Trichloroethane	0.025	U	0.025	0.025
Benzene	0.82		0.025	0.025
1,2-Dichloroethane	0.050	U	0.050	0.050
Trichloroethene	2.1		0.025	0.025
Toluene	0.99		0.025	0.025
1,1,2-Trichloroethane	0.025	U	0.025	0.025
Tetrachloroethene	0.094		0.025	0.025
Ethylbenzene	0.26		0.025	0.025
o-Xylene	0.24		0.025	0.025
1,1,2,2-Tetrachloroethane	0.025	U	0.025	0.025
m-Xylene & p-Xylene	0.66		0.050	0.050

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.13	U	0.13	0.13
1,1-Dichloroethene	0.099	U	0.099	0.099
trans-1,2-Dichloroethene	0.099	U	0.099	0.099
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.96		0.099	0.099
1,1,1-Trichloroethane	0.14	U	0.14	0.14
Benzene	2.6		0.080	0.080
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	11		0.13	0.13
Toluene	3.7		0.094	0.094
1,1,2-Trichloroethane	0.14	U	0.14	0.14
Tetrachloroethene	0.64		0.17	0.17
Ethylbenzene	1.1		0.11	0.11
o-Xylene	1.0		0.11	0.11
1,1,2,2-Tetrachloroethane	0.17	U	0.17	0.17
m-Xylene & p-Xylene	2.9		0.22	0.22

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-14
Client Matrix: Air

Date Sampled: 03/23/2011 1635
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16113	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejm022.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	04/06/2011 0515			Final Weight/Volume:	500 mL
Prep Date:	04/06/2011 0515			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	0.016		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.13		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.41		0.010	0.010
Toluene	0.50		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.013		0.010	0.010
Ethylbenzene	0.063		0.010	0.010
o-Xylene	0.061		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.18		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	0.063		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.40		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	2.2		0.054	0.054
Toluene	1.9		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.088		0.068	0.068
Ethylbenzene	0.27		0.043	0.043
o-Xylene	0.26		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.78		0.087	0.087

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-15
Client Matrix: Air

Date Sampled: 03/23/2011 1512
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16113	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejm010.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	04/05/2011 1805			Final Weight/Volume:	500 mL
Prep Date:	04/05/2011 1805			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.15		0.020	0.020
1,1,1-Trichloroethane	0.020	U	0.020	0.020
Benzene	0.64		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	1.3		0.020	0.020
Toluene	0.67		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.086		0.020	0.020
Ethylbenzene	0.10		0.020	0.020
o-Xylene	0.11		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.31		0.040	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.59		0.079	0.079
1,1,1-Trichloroethane	0.11	U	0.11	0.11
Benzene	2.0		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	6.8		0.11	0.11
Toluene	2.5		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.58		0.14	0.14
Ethylbenzene	0.45		0.087	0.087
o-Xylene	0.46		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	1.3		0.17	0.17

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-16
Client Matrix: Air

Date Sampled: 03/23/2011 1515
Date Received: 03/25/2011 1010

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

Analysis Method:	TO15 LL	Analysis Batch:	200-16211	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eejn005.d
Dilution:	15			Initial Weight/Volume:	185 mL
Analysis Date:	04/06/2011 1740			Final Weight/Volume:	500 mL
Prep Date:	04/06/2011 1740			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.30	U	0.30	0.30
1,1-Dichloroethene	0.15	U	0.15	0.15
trans-1,2-Dichloroethene	0.15	U	0.15	0.15
1,1-Dichloroethane	0.15	U	0.15	0.15
cis-1,2-Dichloroethene	1.3		0.15	0.15
1,1,1-Trichloroethane	0.15	U	0.15	0.15
Benzene	1.4		0.15	0.15
1,2-Dichloroethane	0.30	U	0.30	0.30
Trichloroethene	12		0.15	0.15
Toluene	0.27		0.15	0.15
1,1,2-Trichloroethane	0.15	U	0.15	0.15
Tetrachloroethene	0.15	U	0.15	0.15
Ethylbenzene	0.15	U	0.15	0.15
o-Xylene	0.15	U	0.15	0.15
1,1,2,2-Tetrachloroethane	0.15	U	0.15	0.15
m-Xylene & p-Xylene	0.30	U	0.30	0.30

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.77	U	0.77	0.77
1,1-Dichloroethene	0.59	U	0.59	0.59
trans-1,2-Dichloroethene	0.59	U	0.59	0.59
1,1-Dichloroethane	0.61	U	0.61	0.61
cis-1,2-Dichloroethene	5.2		0.59	0.59
1,1,1-Trichloroethane	0.82	U	0.82	0.82
Benzene	4.4		0.48	0.48
1,2-Dichloroethane	1.2	U	1.2	1.2
Trichloroethene	67		0.81	0.81
Toluene	1.0		0.57	0.57
1,1,2-Trichloroethane	0.82	U	0.82	0.82
Tetrachloroethene	1.0	U	1.0	1.0
Ethylbenzene	0.65	U	0.65	0.65
o-Xylene	0.65	U	0.65	0.65
1,1,2,2-Tetrachloroethane	1.0	U	1.0	1.0
m-Xylene & p-Xylene	1.3	U	1.3	1.3

Client: Malcolm Pirnie, Inc.

Job Number: 200-4408-1
Sdg Number: 200-4408-1

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

Lab Sample ID: 200-4408-17
Client Matrix: Air

Date Sampled: 03/23/2011 1028
Date Received: 03/25/2011 1010

TO-15 Volatile Organic Compounds in Ambient Air

Analysis Method:	TO-15	Analysis Batch:	200-15893	Instrument ID:	B.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	bjys020.d
Dilution:	1.0			Initial Weight/Volume:	200 mL
Analysis Date:	04/01/2011 0458			Final Weight/Volume:	200 mL
Prep Date:	04/01/2011 0458			Injection Volume:	200 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.029	0.20
1,1-Dichloroethene	0.20	U	0.030	0.20
trans-1,2-Dichloroethene	0.20	U	0.032	0.20
1,1-Dichloroethane	0.20	U	0.035	0.20
cis-1,2-Dichloroethene	0.20	U	0.014	0.20
1,1,1-Trichloroethane	0.20	U	0.035	0.20
Benzene	0.20	U	0.018	0.20
1,2-Dichloroethane	0.20	U	0.031	0.20
Trichloroethene	5.2		0.030	0.20
Toluene	0.25		0.018	0.20
1,1,2-Trichloroethane	0.20	U	0.019	0.20
Tetrachloroethene	0.25		0.011	0.20
Ethylbenzene	0.20	U	0.022	0.20
m-Xylene & p-Xylene	0.50	U	0.048	0.50
o-Xylene	0.20	U	0.022	0.20
1,1,2,2-Tetrachloroethane	0.20	U	0.040	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.074	0.51
1,1-Dichloroethene	0.79	U	0.12	0.79
trans-1,2-Dichloroethene	0.79	U	0.13	0.79
1,1-Dichloroethane	0.81	U	0.14	0.81
cis-1,2-Dichloroethene	0.79	U	0.056	0.79
1,1,1-Trichloroethane	1.1	U	0.19	1.1
Benzene	0.64	U	0.058	0.64
1,2-Dichloroethane	0.81	U	0.13	0.81
Trichloroethene	28		0.16	1.1
Toluene	0.94		0.068	0.75
1,1,2-Trichloroethane	1.1	U	0.10	1.1
Tetrachloroethene	1.7		0.075	1.4
Ethylbenzene	0.87	U	0.096	0.87
m-Xylene & p-Xylene	2.2	U	0.21	2.2
o-Xylene	0.87	U	0.096	0.87
1,1,2,2-Tetrachloroethane	1.4	U	0.27	1.4