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June 7, 2010

Mr. Stephen Condon
New York State Department of Environmental Conservation
Bureau of Radiation & Hazardous Site Management
Division of Solid & Hazardous Materials
625 Broadway
Albany, NY 12233-7252

Re: *March 2010 Indoor Air Sampling Report*

Dear Mr. Condon:

Attached are the results of the March 2010 indoor air sampling event at 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. Two subslab depressurization systems and a crawl space ventilation system have been effective in reducing VOC concentrations in the subsurface.

We will continue to collect samples quarterly to monitor the effectiveness of the subslab depressurization and ventilation systems. The next sampling will be conducted during the week of June 21, 2010.

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

Sincerely,

A handwritten signature in blue ink that reads "Pam M. Cox/dj".

Pam M. Cox
Manager – Workplace Safety & Environmental Compliance

ATTACHMENTS

- Attachment A – March 2010 Indoor Air Sampling Event Summary
- Attachment B – Figures
- Attachment C – Tables
- Attachment D – Data Validation Report

c:	Ms. Denise Radtke NYS Dept of Environmental Conservation 625 Broadway Albany, NY 12233-7252	Mr. Steven Malsan NYS Dept of Environmental Conservation 625 Broadway Albany, NY 12233-7252
	Ms. Melissa A. Menetti New York State Department of Health 547 River Street Troy, NY 12180	Mr. Scott Foti NYSDEC, Region 8 6274 East Avon-Lima Road Avon, NY 14414
	Mr. James Reidy USEPA, Region 2 290 Broadway New York, NY 10007-1866	Mr. Sam Ezekwo USEPA, Region 2 290 Broadway New York, NY 10007-1866
	Mr. Ray Larkin Philips Components Environmental Consultant 9 Hawthorne Court North Kingstown, RI 02852-4646	Ms. Marzi Sharfaei Malcolm Pirnie, Inc. 1515 E. Woodfield Road Suite 360 Schaumburg, IL 60173
	Mr. Michael Hanna H.P. Neun 75 North Main Street Fairport, NY 14450	Ms. Patricia Jones Seneca County IDA 1 DiPronio Drive Waterloo, NY 13165-1681
	Mr. Daniel Lang Malcolm Pirnie, Inc. 855 Route 146, Suite 210 Clifton Park, NY 12065	

Attachment A
March 2010 Indoor Air Sampling Event Summary

Introduction

In March 2010, 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 quarterly and subslab vapor samples are collected annually to monitor concentrations of volatile organic compounds (VOC), primarily trichloroethene (TCE).

Three systems were installed to minimize VOC concentrations. The Building 9 Office Area crawl space ventilation system began operating in November 2004, the Building 11 Area subslab depressurization (SSD) system in November 2005, and the Building 7 Area SSD system in October 2006. A digital manometer is used to confirm the systems are operating as designed. The manometer measures pressure at subslab monitoring points and vapor extraction wells to confirm that negative pressures are sustained.

On March 24, 2010, the following air samples were collected:

- Eight indoor air samples and one duplicate indoor air sample.
- One subslab vapor sample.
- Two outdoor (ambient) air samples.

The sample locations are shown on Figures 2 through 4. 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 4 and displayed graphically on Figures 5 through 7.

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. These data are usable as reported with the exception of 1,2-dichloroethane in OA-B11-01 and IA-B9-CS. In these samples, the 1,2-dichloroethane was qualified as tentative in identification and estimated in value due to mass spectral interferences.

Contaminant Trends

The March 2010 indoor air TCE concentrations ranged from 1.8 to 13 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), which are within the range measured since the crawl space ventilation and subslab depressurization systems began operating. The TCE concentration range was narrower than in March 2009 (1.2 to 31 $\mu\text{g}/\text{m}^3$). The concentrations in March 2010 were lower than in March 2009.

Building 9 Area

The Building 9 Office Area crawl space ventilation system fan motor was replaced on December 14, 2009 and additional fan maintenance was performed on January 7 and 22, 2010.

The TCE concentration in the Building 9 office indoor air ($5.9 \mu\text{g}/\text{m}^3$) was greater than the March 2009 concentration ($1.2 \mu\text{g}/\text{m}^3$) but was within the range of previous concentrations

during system operation (0.12 to 18 $\mu\text{g}/\text{m}^3$). The TCE concentration in the Building 9 warehouse indoor air (13 $\mu\text{g}/\text{m}^3$) was less than the March 2009 concentration (24 $\mu\text{g}/\text{m}^3$) and was within the range of previous concentrations (0.22 to 51 $\mu\text{g}/\text{m}^3$).

The TCE concentration in the Building 9 crawl space (5.4 $\mu\text{g}/\text{m}^3$) was equal to the March 2009 concentration and less than previous concentrations during system operation (5.9 to 43 $\mu\text{g}/\text{m}^3$) (Figure 5 and Table 1). The ventilation system has maintained a differential pressure of at least 0.03 inches of water between the Building 9 Office and the underlying crawl space.

Building 11 Area

The Building 11 Area comprises parts of Buildings 10, 10A, 11, 11A, 13, and 13A.

TCE concentrations in Building 11 Area indoor air ranged from 1.8 to 11 $\mu\text{g}/\text{m}^3$, which are within the previous concentration range (1.5 to 81 $\mu\text{g}/\text{m}^3$) during system operation. The following list summarizes the concentrations of TCE reported in Building 11 Area indoor air samples in 2009 and 2010:

- Building 10 and 10A - TCE concentrations were 11 and 9.7 $\mu\text{g}/\text{m}^3$, respectively, less than the 31 and 21 $\mu\text{g}/\text{m}^3$ reported in March 2009.
- Building 11 and 11A – TCE concentrations were 7.5 and 9.1 $\mu\text{g}/\text{m}^3$, respectively, less than the 12 and 13 $\mu\text{g}/\text{m}^3$ reported in March 2009.
- Buildings 13 and 13A – TCE concentrations were 1.8 and 2.1 $\mu\text{g}/\text{m}^3$, respectively, less than the 7.5 and 8.1 $\mu\text{g}/\text{m}^3$ reported in March 2009.

Sub-slab vapor samples in the Building 11 Area are collected annually (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

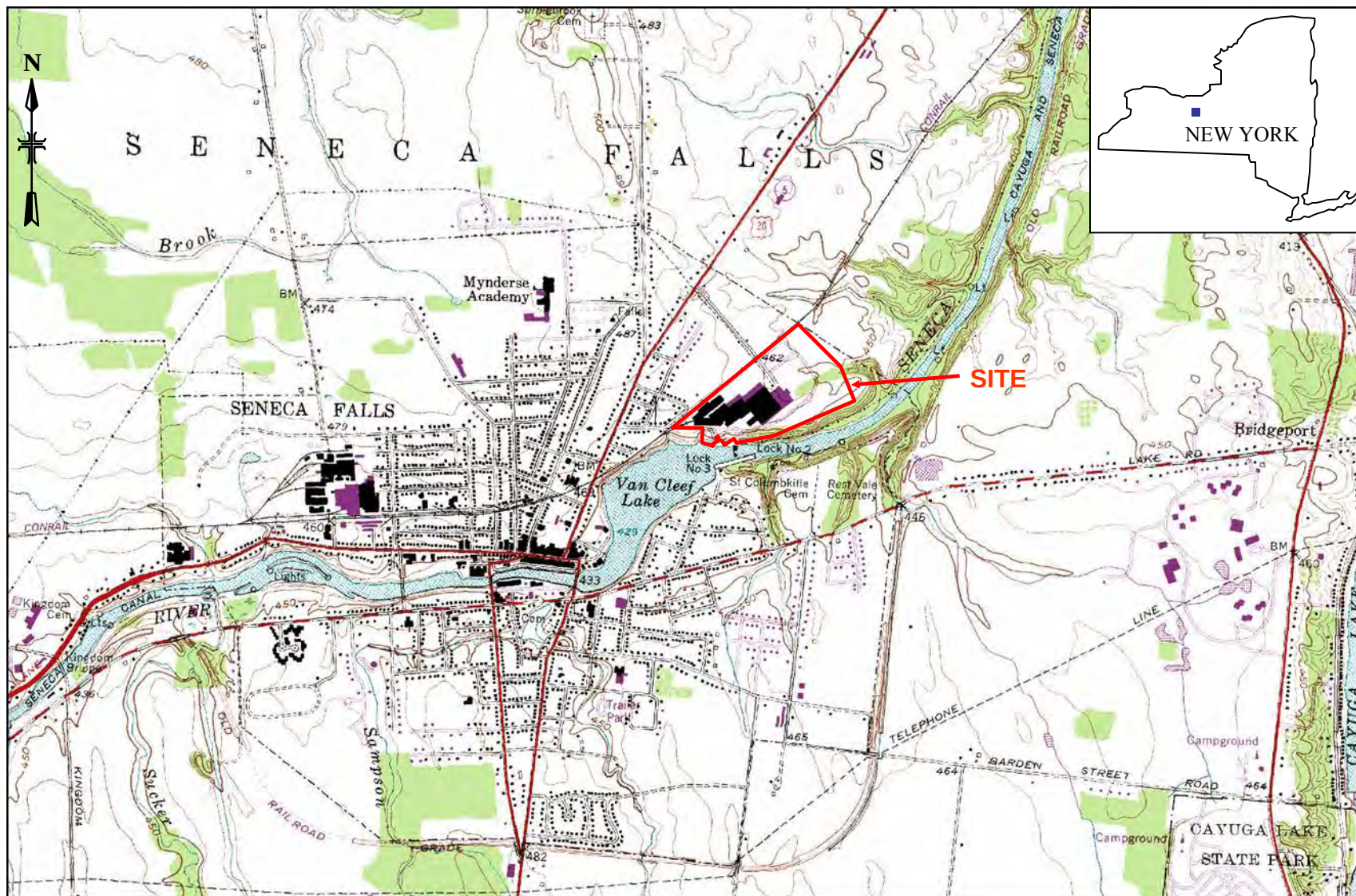
The TCE concentration in the indoor air was 4.7 $\mu\text{g}/\text{m}^3$, within the range of previous concentrations (0.64 to 18 $\mu\text{g}/\text{m}^3$) during system operation, and slightly less than the concentration in March 2009 (4.8 $\mu\text{g}/\text{m}^3$). TCE concentrations in the subslab vapor beneath Building 7 have decreased by two orders of magnitude since July 2003, from 3,300 to 43 $\mu\text{g}/\text{m}^3$ (Figure 7). The Building 7 SSD system continues to sustain negative pressures in the subslab greater than 45 feet from the extraction wells.

Conclusions

The analytical results and field measurements indicate that the systems are effective at sustaining negative differential pressures. Operation of the systems has significantly lowered the concentrations of VOCs in the subslab vapor, crawl space, and indoor air.

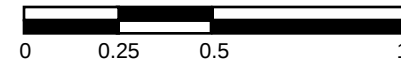
Attachment B

Figures



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

APPROXIMATE SCALE IN MILES



LEGEND



APPROXIMATE INDOOR OR CRAWL
SPACE AIR SAMPLING LOCATION



APPROXIMATE OUTDOOR AIR
SAMPLING LOCATION



BUILDING COMPLEX

BUILDING 9



IA-B9-02

**BUILDING 9
OFFICE**



IA-B9-01



IA-B9-CS

BUILDING 4

BUILDING 7

BUILDING 6

BUILDING 3

BUILDING 5

BUILDING 12



OA-B2-01

APPROXIMATE SCALE IN FEET



LEGEND



APPROXIMATE INDOOR AIR
SAMPLING LOCATION



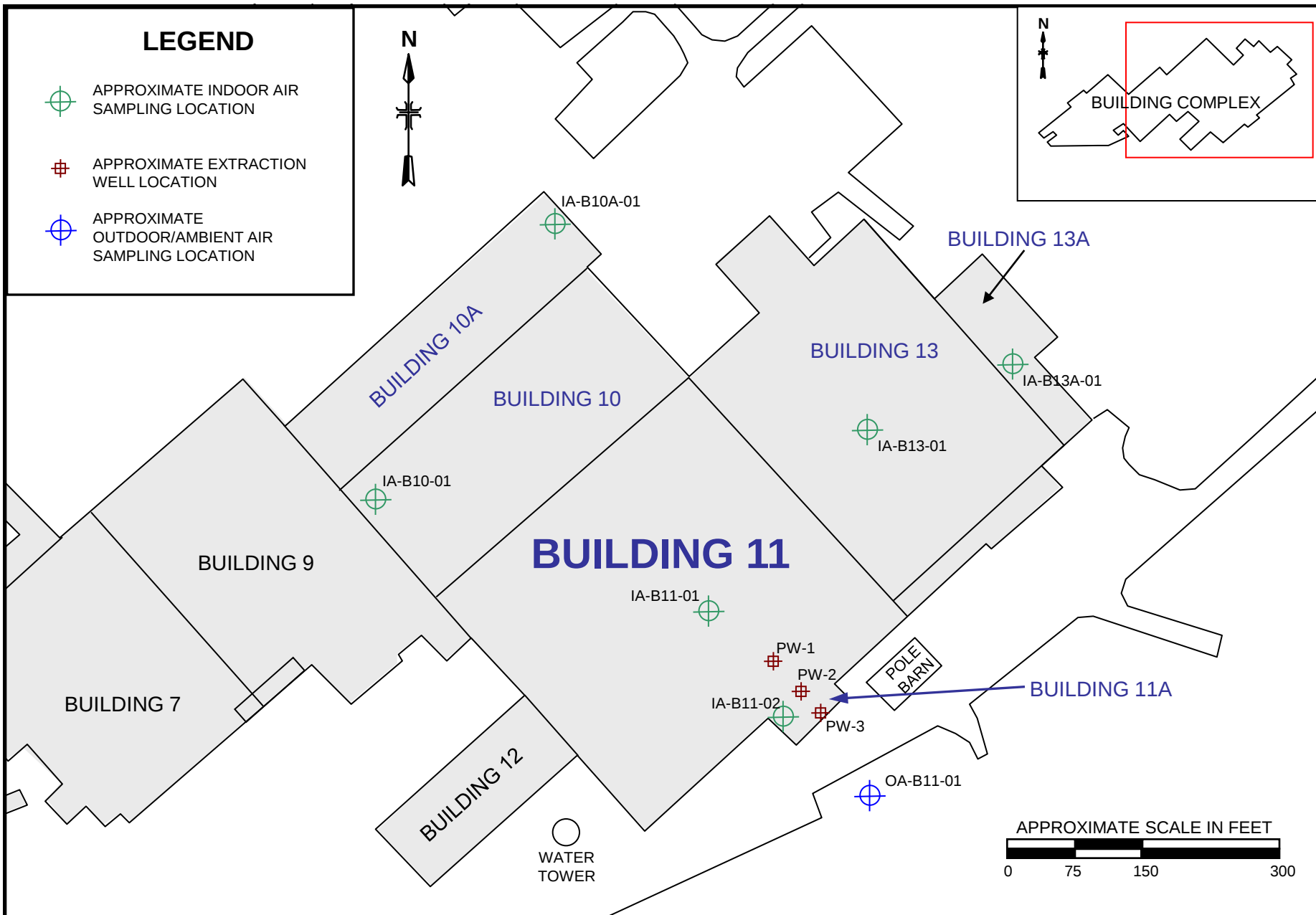
APPROXIMATE EXTRACTION
WELL LOCATION



APPROXIMATE
OUTDOOR/AMBIENT AIR
SAMPLING LOCATION



BUILDING COMPLEX



LEGEND



APPROXIMATE INDOOR AIR
SAMPLING LOCATION



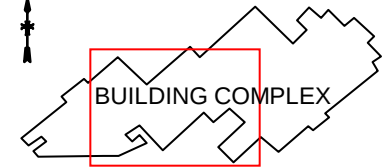
APPROXIMATE SUB-SLAB SOIL
VAPOR SAMPLING LOCATION



APPROXIMATE EXTRACTION
WELL LOCATION



APPROXIMATE
OUTDOOR/AMBIENT AIR
SAMPLING LOCATION



BUILDING COMPLEX

BUILDING 9

BUILDING 4

BUILDING 6

BUILDING 3

BUILDING 5

BUILDING 7

BUILDING 12

EW-1

SVSS-B7-01

IA-B7-01

EW-2



OA-B2-01

APPROXIMATE SCALE IN FEET



Figure 5: Building 9 Area TCE Concentrations

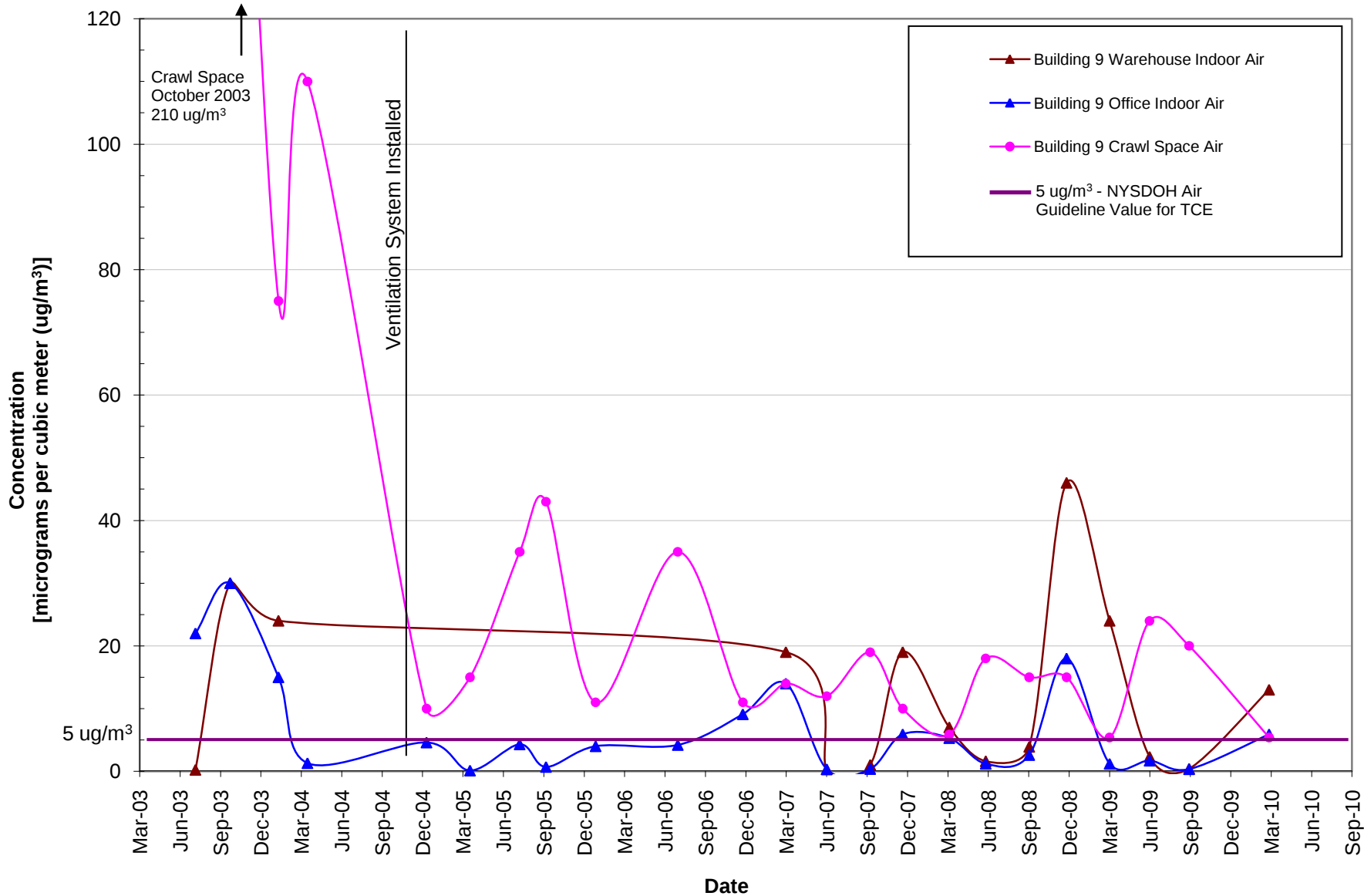


Figure 6: Building 11 Area TCE Concentrations

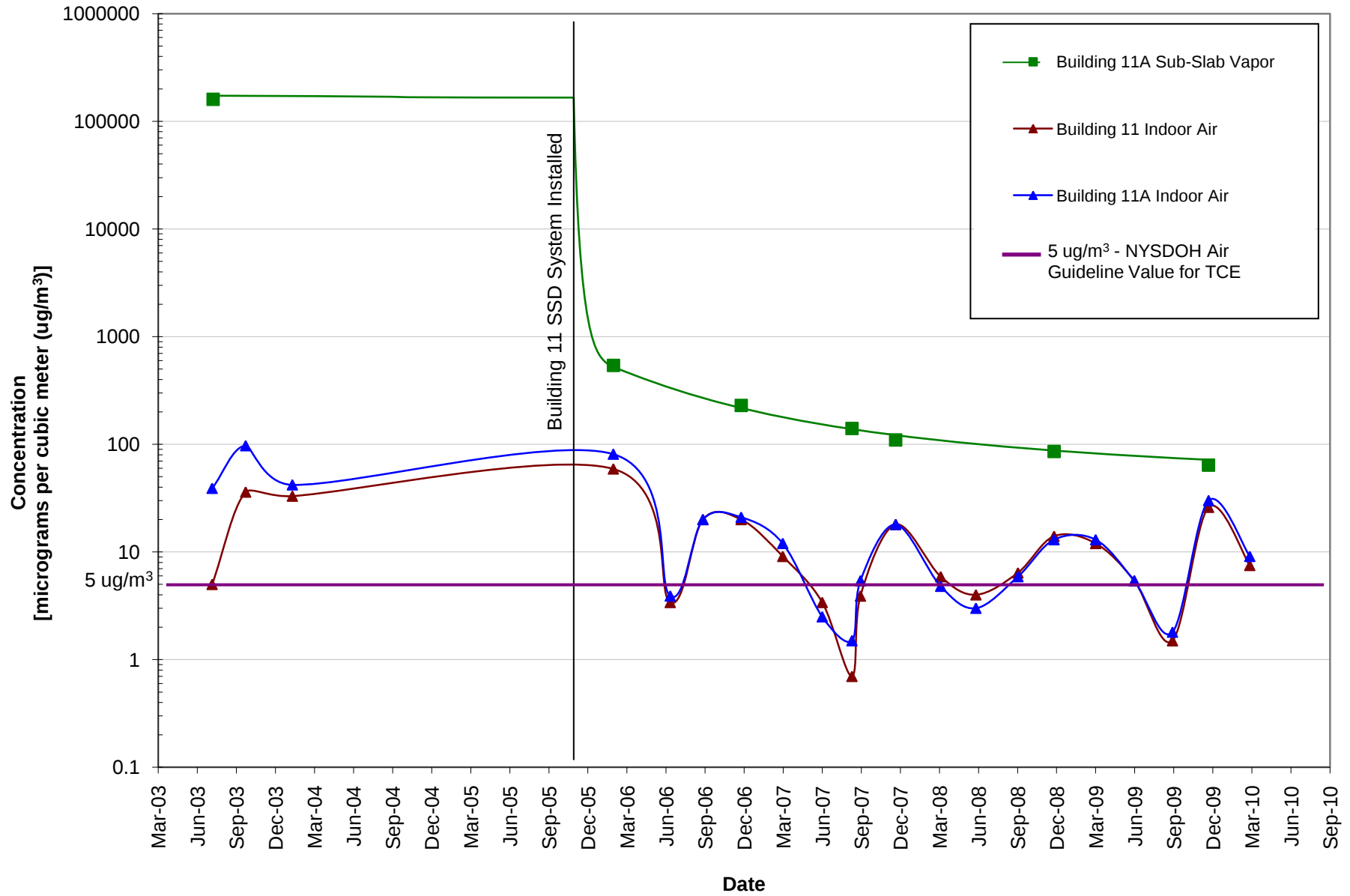
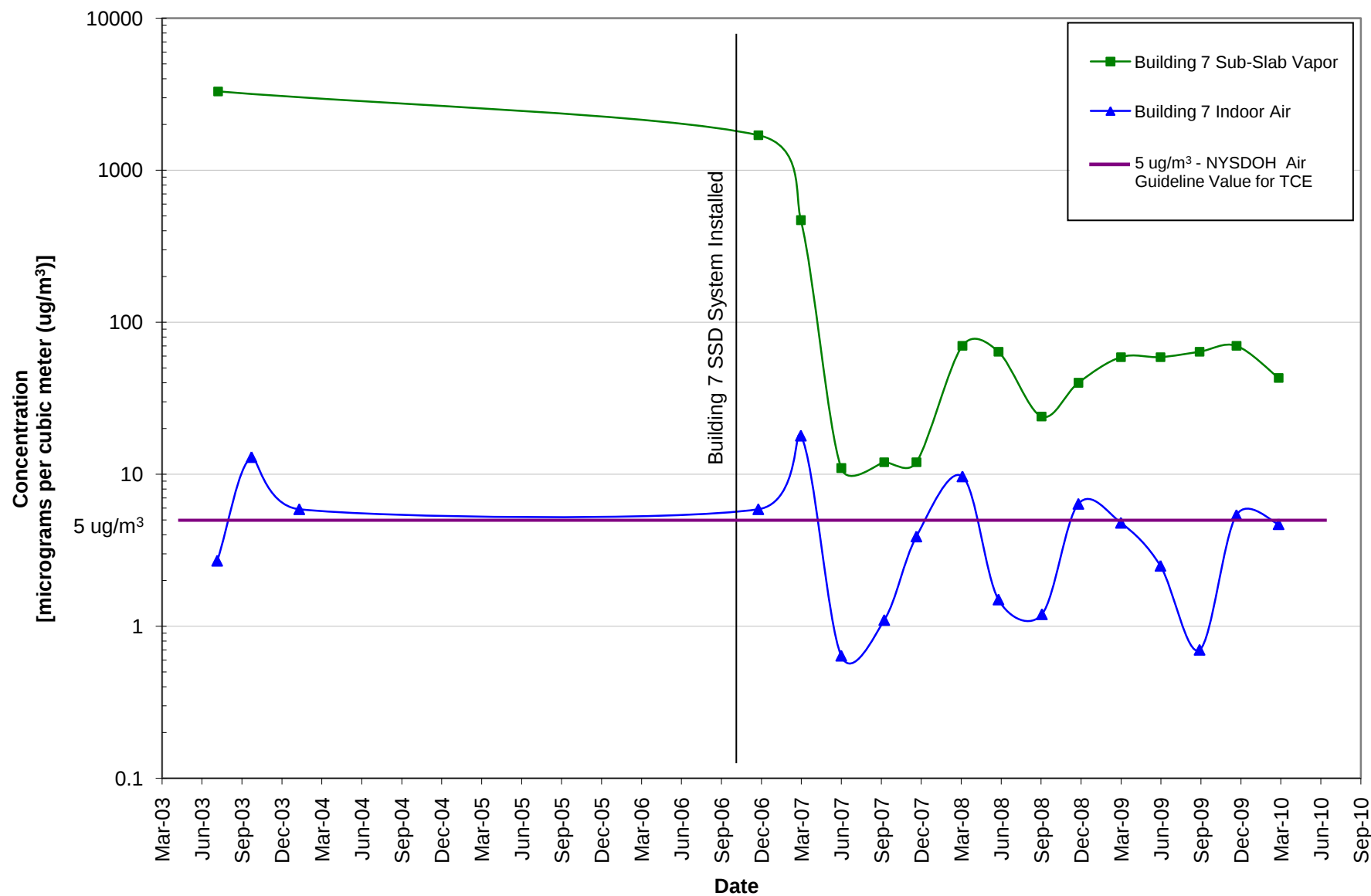


Figure 7: Building 7 Area TCE Concentrations



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	7/15/2003	10/2/2003	1/20/2004	3/26/2004	12/22/2004	3/31/2005	7/22/2005	9/20/2005	1/11/2006	7/17/2006	12/12/2006	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Sample Description	BUILDING 9 CRAWL SPACE AIR																							
Sample ID	IA-B9-CS																							
Date Collected	7/15/2003	10/2/2003	1/20/2004	3/26/2004	12/22/2004	3/31/2005	7/22/2005	9/20/2005	1/11/2006	7/17/2006	12/12/2006	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

Notes:
All values are shown in units of micrograms per cubic meter (µg/m³).
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 10 INDOOR AIR																			
Sample ID	IA-B10-01																			
Date Collected	7/15/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Building Number	BUILDING 10 SUB-SLAB VAPOR																			
Sample ID	SVSS-B10-01																			
Date Collected	7/17/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
Trichloroethene	2700	NS	NS	1100	NS	NS	3200	NS	NS	NS	1800	NS	NS	NS	1700	NS	NS	NS	1200	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
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
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

Notes:
All values are shown in units of micrograms per cubic meter (µg/m³).
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 10A INDOOR AIR																			
Sample ID	IA-B10A-01																			
Date Collected	7/15/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Building Number	BUILDING 10A SUB-SLAB VAPOR																			
Sample ID	SVSS-B10A-01																			
Date Collected	7/17/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
Tetrachloroethene	920	NS	NS	44	NS	NS	140	NS	NS	NS	81	NS	NS	NS	95	NS	NS	NS	100	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
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
Trichloroethene	120	NS	NS	11 U	NS	NS	20	NS	NS	NS	9.1	NS	NS	NS	10	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
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
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

Notes:
All values are shown in units of micrograms per cubic meter (µg/m³).
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 11 INDOOR AIR																				
Sample ID	IA-B11-01																				
Date Collected	7/15/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	8/30/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:
All values are shown in units of micrograms per cubic meter (µg/m³).
U - Not detected above reporting limit
J - Estimated
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 11A INDOOR AIR																				
Sample ID	IA-B11-02																				
Date Collected	7/15/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	8/30/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Sample Description	BUILDING 11A SUB-SLAB VAPOR																				
Sample ID	SVSS-B11-01																				
Date Collected	7/17/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	8/30/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
Tetrachloroethene	3700	NS	NS	31	NS	NS	18	NS	NS	16	20	12	NS	NS	NS	6.1	NS	NS	NS	5.6	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
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
Trichloroethene	160000	NS	NS	540	NS	NS	230	NS	NS	140	240	110	NS	NS	NS	86	NS	NS	NS	64	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
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
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

Notes:
All values are shown in units of micrograms per cubic meter (µg/m³).
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	7/15/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Building Number	BUILDING 13 SUB-SLAB VAPOR																			
Sample ID	SVSS-B13-01																			
Date Collected	7/17/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:

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

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	7/15/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Building Number	BUILDING 13A SUB-SLAB VAPOR																			
Sample ID	SVSS-B13A-01																			
Date Collected	7/17/2003	10/2/2003	1/20/2004	2/14/2006	6/28/2006	9/13/2006	12/12/2006	3/20/2007	6/21/2007	9/19/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:

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

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	7/15/2003	10/2/2003	1/20/2004	12/12/2006	3/20/2007	6/21/2007	9/28/2007	12/11/2007	3/26/2008	6/17/2008	9/25/2008	12/18/2008	3/26/2009	6/25/2009	9/23/2009	12/17/2009	3/24/2010
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Sample Description	BUILDING 7 SUB-SLAB VAPOR																
Sample ID	SVSS-B7-01																
Date Collected	7/17/2003	10/2/2003	1/20/2004	12/12/2006	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
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
1,1,2,2-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
1,1,2-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-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
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
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
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
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
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
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
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
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
Trichloroethene	3300	NS	NS	1700	470	11	12	12	70	64	24	40	59	59	64	70	43
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
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
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

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
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	7/15/2003	10/2/2003	1/20/2004	3/20/2007	6/21/2007	8/30/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Sample Description	AMBIENT AIR OUTSIDE OF BUILDING 11																
Sample ID	OA-B11-01																
Date Collected	7/15/2003	10/2/2003	1/20/2004	3/20/2007	6/21/2007	8/30/2007	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:

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

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

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April 21, 2010

Mark Flusche
Malcolm Pirnie, Inc.
855 Rt 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 2010
TestAmerica-VT SDG No. NY132392

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on 3/24/10 at the Seneca Falls site. Twelve 6-L summa canister indoor/outdoor air samples, an indoor air field duplicate, and one 6-L summa canister soil vapor sample 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 with 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, with the exception that one analyte in each of two field samples have minor qualification.

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

Volatile Analyses by EPA TO-15

The detected results for 1,2-dichloroethane in IA-B9-CS and OA-B11-01 have been qualified as being tentative in identification and estimated in value, due to mass spectral interferences.

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

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

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

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

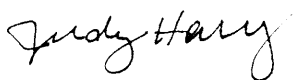
Laboratory Control Samples show acceptable recoveries.

The result for trichloroethene in IA-B9-CS was flagged by the laboratory as "E" to reflect a response above the instrument calibration range. However, to the accuracy determined by the allowable number of significant figures, the value is exactly at the upper end of the range, and therefore does not require qualification.

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 in those samples are elevated.

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

Very truly yours,



Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

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

**CLIENT and LABORATORY SAMPLE IDs
and CASE NARRATIVE**



TestAmerica Laboratories, Inc.

April 12, 2010

Mr. Daniel Lang
Malcolm Pirnie
855 Route 146
Suite 210
Clifton Park, NY 12065

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY136528

Dear Mr. Lang:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on March 26th, 2010. Laboratory identification numbers were assigned, and designated as follows:

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>Sample Matrix</u>
Received: 03/26/10 ETR No: 136528			
823977	OA-B11-01	03/24/10	AIR
823978	OA-B2-01	03/24/10	AIR
823979	IA-B1A-01	03/24/10	AIR
823980	IA-B1A-BASE	03/24/10	AIR
823981	IA-B11-02	03/24/10	AIR
823982	IA-B13-01	03/24/10	AIR
823983	IA-B13A-01	03/24/10	AIR
823984	IA-B10-01	03/24/10	AIR
823985	IA-B10A-01	03/24/10	AIR
823986	IA-B11-01	03/24/10	AIR
823987	IA-B9-01	03/24/10	AIR
823988	IA-B9-02	03/24/10	AIR
823989	IA-B9-CS	03/24/10	AIR
823990	IA-B7-01	03/24/10	AIR
823991	IA-DUPE	03/24/10	AIR
823992	SVSS-B7-01	03/24/10	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.



THE LEADER IN ENVIRONMENTAL TESTING

Each sample was analyzed for volatile organics by Method TO-15. The analytical results are reported both in terms of parts per billion on a volume/volume basis (ppbv) and micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Certain of the samples were analyzed at dilution based on screen analyses to ensure quantitation of all target analytes within the calibrated range.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

A handwritten signature in black ink, appearing to read 'Don Dawicki', written over a horizontal line.

Don Dawicki
Project Manager

QUALIFIED SAMPLE RESULTS FORMS

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

OA-B11-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 823977

Date Analyzed: 04/01/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.020	U	0.020	0.051	U	0.051
1,1-Dichloroethene	75-35-4	0.010	U	0.010	0.040	U	0.040
trans-1,2-Dichloroethene	156-60-5	0.010	U	0.010	0.040	U	0.040
1,1-Dichloroethane	75-34-3	0.010	U	0.010	0.040	U	0.040
cis-1,2-Dichloroethene	156-59-2	0.010	U	0.010	0.040	U	0.040
1,1,1-Trichloroethane	71-55-6	0.010	U	0.010	0.055	U	0.055
Benzene	71-43-2	0.16		0.010	0.51		0.032
1,2-Dichloroethane	107-06-2	0.020	NJ	0.020	0.081	NJ	0.081
Trichloroethene	79-01-6	0.015		0.010	0.081		0.054
Toluene	108-88-3	0.28		0.010	1.1		0.038
1,1,2-Trichloroethane	79-00-5	0.010	U	0.010	0.055	U	0.055
Tetrachloroethene	127-18-4	0.014		0.010	0.095		0.068
Ethylbenzene	100-41-4	0.035		0.010	0.15		0.043
Xylene (m,p)	1330-20-7	0.10		0.020	0.43		0.087
Xylene (o)	95-47-6	0.036		0.010	0.16		0.043
1,1,2,2-Tetrachloroethane	79-34-5	0.010	U	0.010	0.069	U	0.069

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

OA-B2-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 1.50

Sample Matrix: AIR

Lab Sample No.: 823978

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.030	U	0.030	0.077	U	0.077
1,1-Dichloroethene	75-35-4	0.015	U	0.015	0.059	U	0.059
trans-1,2-Dichloroethene	156-60-5	0.015	U	0.015	0.059	U	0.059
1,1-Dichloroethane	75-34-3	0.015	U	0.015	0.061	U	0.061
cis-1,2-Dichloroethene	156-59-2	0.015	U	0.015	0.059	U	0.059
1,1,1-Trichloroethane	71-55-6	0.015	U	0.015	0.082	U	0.082
Benzene	71-43-2	0.32		0.015	1.0		0.048
1,2-Dichloroethane	107-06-2	0.030	U	0.030	0.12	U	0.12
Trichloroethene	79-01-6	0.015	U	0.015	0.081	U	0.081
Toluene	108-88-3	1.1		0.015	4.1		0.057
1,1,2-Trichloroethane	79-00-5	0.015	U	0.015	0.082	U	0.082
Tetrachloroethene	127-18-4	0.038		0.015	0.26		0.10
Ethylbenzene	100-41-4	0.12		0.015	0.52		0.065
Xylene (m,p)	1330-20-7	0.41		0.030	1.8		0.13
Xylene (o)	95-47-6	0.12		0.015	0.52		0.065
1,1,2,2-Tetrachloroethane	79-34-5	0.015	U	0.015	0.10	U	0.10

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B11-02

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 823981

Date Analyzed: 04/01/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.040	U	0.040	0.10	U	0.10
1,1-Dichloroethene	75-35-4	0.034		0.020	0.13		0.079
trans-1,2-Dichloroethene	156-60-5	0.020	U	0.020	0.079	U	0.079
1,1-Dichloroethane	75-34-3	0.020	U	0.020	0.081	U	0.081
cis-1,2-Dichloroethene	156-59-2	0.96		0.020	3.8		0.079
1,1,1-Trichloroethane	71-55-6	0.074		0.020	0.40		0.11
Benzene	71-43-2	0.73		0.020	2.3		0.064
1,2-Dichloroethane	107-06-2	0.040	U	0.040	0.16	U	0.16
Trichloroethene	79-01-6	1.7		0.020	9.1		0.11
Toluene	108-88-3	1.8		0.020	6.8		0.075
1,1,2-Trichloroethane	79-00-5	0.020	U	0.020	0.11	U	0.11
Tetrachloroethene	127-18-4	0.12		0.020	0.81		0.14
Ethylbenzene	100-41-4	0.76		0.020	3.3		0.087
Xylene (m,p)	1330-20-7	3.4		0.040	15		0.17
Xylene (o)	95-47-6	1.2		0.020	5.2		0.087
1,1,2,2-Tetrachloroethane	79-34-5	0.020	U	0.020	0.14	U	0.14

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B13-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 823982

Date Analyzed: 04/01/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.020	U	0.020	0.051	U	0.051
1,1-Dichloroethene	75-35-4	0.085		0.010	0.34		0.040
trans-1,2-Dichloroethene	156-60-5	0.010	U	0.010	0.040	U	0.040
1,1-Dichloroethane	75-34-3	0.012		0.010	0.049		0.040
cis-1,2-Dichloroethene	156-59-2	0.084		0.010	0.33		0.040
1,1,1-Trichloroethane	71-55-6	0.22		0.010	1.2		0.055
Benzene	71-43-2	0.23		0.010	0.73		0.032
1,2-Dichloroethane	107-06-2	0.020	U	0.020	0.081	U	0.081
Trichloroethene	79-01-6	0.34		0.010	1.8		0.054
Toluene	108-88-3	0.55		0.010	2.1		0.038
1,1,2-Trichloroethane	79-00-5	0.010	U	0.010	0.055	U	0.055
Tetrachloroethene	127-18-4	0.023		0.010	0.16		0.068
Ethylbenzene	100-41-4	0.11		0.010	0.48		0.043
Xylene (m,p)	1330-20-7	0.38		0.020	1.7		0.087
Xylene (o)	95-47-6	0.13		0.010	0.56		0.043
1,1,2,2-Tetrachloroethane	79-34-5	0.010	U	0.010	0.069	U	0.069

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B13A-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 823983

Date Analyzed: 04/01/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.020	U	0.020	0.051	U	0.051
1,1-Dichloroethene	75-35-4	0.10		0.010	0.40		0.040
trans-1,2-Dichloroethene	156-60-5	0.010	U	0.010	0.040	U	0.040
1,1-Dichloroethane	75-34-3	0.015		0.010	0.061		0.040
cis-1,2-Dichloroethene	156-59-2	0.10		0.010	0.40		0.040
1,1,1-Trichloroethane	71-55-6	0.24		0.010	1.3		0.055
Benzene	71-43-2	0.21		0.010	0.67		0.032
1,2-Dichloroethane	107-06-2	0.020	U	0.020	0.081	U	0.081
Trichloroethene	79-01-6	0.39		0.010	2.1		0.054
Toluene	108-88-3	0.50		0.010	1.9		0.038
1,1,2-Trichloroethane	79-00-5	0.010	U	0.010	0.055	U	0.055
Tetrachloroethene	127-18-4	0.028		0.010	0.19		0.068
Ethylbenzene	100-41-4	0.14		0.010	0.61		0.043
Xylene (m,p)	1330-20-7	0.46		0.020	2.0		0.087
Xylene (o)	95-47-6	0.15		0.010	0.65		0.043
1,1,2,2-Tetrachloroethane	79-34-5	0.010	U	0.010	0.069	U	0.069

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B10-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 2.99

Sample Matrix: AIR

Lab Sample No.: 823984

Date Analyzed: 04/01/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.060	U	0.060	0.15	U	0.15
1,1-Dichloroethene	75-35-4	0.030	U	0.030	0.12	U	0.12
trans-1,2-Dichloroethene	156-60-5	0.030	U	0.030	0.12	U	0.12
1,1-Dichloroethane	75-34-3	0.030	U	0.030	0.12	U	0.12
cis-1,2-Dichloroethene	156-59-2	1.1		0.030	4.4		0.12
1,1,1-Trichloroethane	71-55-6	0.045		0.030	0.25		0.16
Benzene	71-43-2	0.79		0.030	2.5		0.096
1,2-Dichloroethane	107-06-2	0.060	U	0.060	0.24	U	0.24
Trichloroethene	79-01-6	2.0		0.030	11		0.16
Toluene	108-88-3	1.9		0.030	7.2		0.11
1,1,2-Trichloroethane	79-00-5	0.030	U	0.030	0.16	U	0.16
Tetrachloroethene	127-18-4	0.22		0.030	1.5		0.20
Ethylbenzene	100-41-4	0.48		0.030	2.1		0.13
Xylene (m,p)	1330-20-7	2.0		0.060	8.7		0.26
Xylene (o)	95-47-6	0.67		0.030	2.9		0.13
1,1,2,2-Tetrachloroethane	79-34-5	0.030	U	0.030	0.21	U	0.21

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B10A-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 2.99

Sample Matrix: AIR

Lab Sample No.: 823985

Date Analyzed: 04/01/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.060	U	0.060	0.15	U	0.15
1,1-Dichloroethene	75-35-4	0.030	U	0.030	0.12	U	0.12
trans-1,2-Dichloroethene	156-60-5	0.030	U	0.030	0.12	U	0.12
1,1-Dichloroethane	75-34-3	0.030	U	0.030	0.12	U	0.12
cis-1,2-Dichloroethene	156-59-2	1.3		0.030	5.2		0.12
1,1,1-Trichloroethane	71-55-6	0.052		0.030	0.28		0.16
Benzene	71-43-2	0.86		0.030	2.7		0.096
1,2-Dichloroethane	107-06-2	0.060	U	0.060	0.24	U	0.24
Trichloroethene	79-01-6	1.8		0.030	9.7		0.16
Toluene	108-88-3	2.2		0.030	8.3		0.11
1,1,2-Trichloroethane	79-00-5	0.030	U	0.030	0.16	U	0.16
Tetrachloroethene	127-18-4	0.16		0.030	1.1		0.20
Ethylbenzene	100-41-4	0.58		0.030	2.5		0.13
Xylene (m,p)	1330-20-7	2.4		0.060	10		0.26
Xylene (o)	95-47-6	0.82		0.030	3.6		0.13
1,1,2,2-Tetrachloroethane	79-34-5	0.030	U	0.030	0.21	U	0.21

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B11-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 823986

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.040	U	0.040	0.10	U	0.10
1,1-Dichloroethene	75-35-4	0.030		0.020	0.12		0.079
trans-1,2-Dichloroethene	156-60-5	0.020	U	0.020	0.079	U	0.079
1,1-Dichloroethane	75-34-3	0.020	U	0.020	0.081	U	0.081
cis-1,2-Dichloroethene	156-59-2	0.84		0.020	3.3		0.079
1,1,1-Trichloroethane	71-55-6	0.068		0.020	0.37		0.11
Benzene	71-43-2	0.58		0.020	1.9		0.064
1,2-Dichloroethane	107-06-2	0.040	U	0.040	0.16	U	0.16
Trichloroethene	79-01-6	1.4		0.020	7.5		0.11
Toluene	108-88-3	1.5		0.020	5.7		0.075
1,1,2-Trichloroethane	79-00-5	0.020	U	0.020	0.11	U	0.11
Tetrachloroethene	127-18-4	0.10		0.020	0.68		0.14
Ethylbenzene	100-41-4	0.63		0.020	2.7		0.087
Xylene (m,p)	1330-20-7	2.8		0.040	12		0.17
Xylene (o)	95-47-6	1.0		0.020	4.3		0.087
1,1,2,2-Tetrachloroethane	79-34-5	0.020	U	0.020	0.14	U	0.14

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B9-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 5.00

Sample Matrix: AIR

Lab Sample No.: 823987

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.10	U	0.10	0.26	U	0.26
1,1-Dichloroethene	75-35-4	0.050	U	0.050	0.20	U	0.20
trans-1,2-Dichloroethene	156-60-5	0.050	U	0.050	0.20	U	0.20
1,1-Dichloroethane	75-34-3	0.050	U	0.050	0.20	U	0.20
cis-1,2-Dichloroethene	156-59-2	0.22		0.050	0.87		0.20
1,1,1-Trichloroethane	71-55-6	0.050	U	0.050	0.27	U	0.27
Benzene	71-43-2	0.54		0.050	1.7		0.16
1,2-Dichloroethane	107-06-2	0.10	U	0.10	0.40	U	0.40
Trichloroethene	79-01-6	1.1		0.050	5.9		0.27
Toluene	108-88-3	3.2		0.050	12		0.19
1,1,2-Trichloroethane	79-00-5	0.050	U	0.050	0.27	U	0.27
Tetrachloroethene	127-18-4	0.16		0.050	1.1		0.34
Ethylbenzene	100-41-4	0.25		0.050	1.1		0.22
Xylene (m,p)	1330-20-7	0.92		0.10	4.0		0.43
Xylene (o)	95-47-6	0.32		0.050	1.4		0.22
1,1,2,2-Tetrachloroethane	79-34-5	0.050	U	0.050	0.34	U	0.34

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B9-02

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 4.00

Sample Matrix: AIR

Lab Sample No.: 823988

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.080	U	0.080	0.20	U	0.20
1,1-Dichloroethene	75-35-4	0.040	U	0.040	0.16	U	0.16
trans-1,2-Dichloroethene	156-60-5	0.040	U	0.040	0.16	U	0.16
1,1-Dichloroethane	75-34-3	0.040	U	0.040	0.16	U	0.16
cis-1,2-Dichloroethene	156-59-2	0.48		0.040	1.9		0.16
1,1,1-Trichloroethane	71-55-6	0.040	U	0.040	0.22	U	0.22
Benzene	71-43-2	0.88		0.040	2.8		0.13
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	2.4		0.040	13		0.21
Toluene	108-88-3	1.4		0.040	5.3		0.15
1,1,2-Trichloroethane	79-00-5	0.040	U	0.040	0.22	U	0.22
Tetrachloroethene	127-18-4	0.29		0.040	2.0		0.27
Ethylbenzene	100-41-4	0.35		0.040	1.5		0.17
Xylene (m,p)	1330-20-7	1.3		0.080	5.6		0.35
Xylene (o)	95-47-6	0.43		0.040	1.9		0.17
1,1,2,2-Tetrachloroethane	79-34-5	0.040	U	0.040	0.27	U	0.27

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B9-CS

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 823989

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.020	U	0.020	0.051	U	0.051
1,1-Dichloroethene	75-35-4	0.010	U	0.010	0.040	U	0.040
trans-1,2-Dichloroethene	156-60-5	0.010	U	0.010	0.040	U	0.040
1,1-Dichloroethane	75-34-3	0.010	U	0.010	0.040	U	0.040
cis-1,2-Dichloroethene	156-59-2	0.074		0.010	0.29		0.040
1,1,1-Trichloroethane	71-55-6	0.011		0.010	0.060		0.055
Benzene	71-43-2	0.39		0.010	1.2		0.032
1,2-Dichloroethane	107-06-2	0.020	NS	0.020	0.081	NS	0.081
Trichloroethene	79-01-6	1.0	E	0.010	5.4	E	0.054
Toluene	108-88-3	0.94		0.010	3.5		0.038
1,1,2-Trichloroethane	79-00-5	0.010	U	0.010	0.055	U	0.055
Tetrachloroethene	127-18-4	0.056		0.010	0.38		0.068
Ethylbenzene	100-41-4	0.14		0.010	0.61		0.043
Xylene (m,p)	1330-20-7	0.55		0.020	2.4		0.087
Xylene (o)	95-47-6	0.20		0.010	0.87		0.043
1,1,2,2-Tetrachloroethane	79-34-5	0.010	U	0.010	0.069	U	0.069

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B7-01

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 2.99

Sample Matrix: AIR

Lab Sample No.: 823990

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.060	U	0.060	0.15	U	0.15
1,1-Dichloroethene	75-35-4	0.030	U	0.030	0.12	U	0.12
trans-1,2-Dichloroethene	156-60-5	0.030	U	0.030	0.12	U	0.12
1,1-Dichloroethane	75-34-3	0.030	U	0.030	0.12	U	0.12
cis-1,2-Dichloroethene	156-59-2	0.19		0.030	0.75		0.12
1,1,1-Trichloroethane	71-55-6	0.030	U	0.030	0.16	U	0.16
Benzene	71-43-2	1.0		0.030	3.2		0.096
1,2-Dichloroethane	107-06-2	0.060	U	0.060	0.24	U	0.24
Trichloroethene	79-01-6	0.87		0.030	4.7		0.16
Toluene	108-88-3	2.9		0.030	11		0.11
1,1,2-Trichloroethane	79-00-5	0.030	U	0.030	0.16	U	0.16
Tetrachloroethene	127-18-4	0.17		0.030	1.2		0.20
Ethylbenzene	100-41-4	0.43		0.030	1.9		0.13
Xylene (m,p)	1330-20-7	1.6		0.060	6.9		0.26
Xylene (o)	95-47-6	0.55		0.030	2.4		0.13
1,1,2,2-Tetrachloroethane	79-34-5	0.030	U	0.030	0.21	U	0.21

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-DUPE

Lab Name: TAL Burlington

SDG Number: NY136528

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 823991

Date Analyzed: 04/02/10

Date Received: 03/26/10

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Vinyl Chloride	75-01-4	0.040	U	0.040	0.10	U	0.10
1,1-Dichloroethene	75-35-4	0.030		0.020	0.12		0.079
trans-1,2-Dichloroethene	156-60-5	0.020	U	0.020	0.079	U	0.079
1,1-Dichloroethane	75-34-3	0.020	U	0.020	0.081	U	0.081
cis-1,2-Dichloroethene	156-59-2	0.94		0.020	3.7		0.079
1,1,1-Trichloroethane	71-55-6	0.070		0.020	0.38		0.11
Benzene	71-43-2	0.69		0.020	2.2		0.064
1,2-Dichloroethane	107-06-2	0.040	U	0.040	0.16	U	0.16
Trichloroethene	79-01-6	1.6		0.020	8.6		0.11
Toluene	108-88-3	1.8		0.020	6.8		0.075
1,1,2-Trichloroethane	79-00-5	0.020	U	0.020	0.11	U	0.11
Tetrachloroethene	127-18-4	0.12		0.020	0.81		0.14
Ethylbenzene	100-41-4	0.80		0.020	3.5		0.087
Xylene (m,p)	1330-20-7	3.6		0.040	16		0.17
Xylene (o)	95-47-6	1.3		0.020	5.6		0.087
1,1,2,2-Tetrachloroethane	79-34-5	0.020	U	0.020	0.14	U	0.14