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June 19, 2009

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

Re: *March 2009 Indoor Air Sampling Report*

Dear Mr. Condon:

Attached are the results of the March 2009 indoor air sampling event at the Former Philips Display Components Facility in Seneca Falls, New York (Site).

Volatile organic compounds (VOCs), primarily trichloroethene (TCE), have been detected in sub-slab vapor and indoor air at the Site. Two sub-slab depressurization (SSD) systems and a crawl space ventilation system have been effective at reducing VOC concentrations in the subsurface.

Air samples will continue to be collected quarterly in 2009 to monitor the effects of the SSD systems and ventilation system on indoor air quality. The next confirmatory sampling event will be conducted on June 25, 2009.

If you have any questions concerning this letter, please do not hesitate to call me. I can be reached at (908) 559-3691.

Sincerely,

A handwritten signature in blue ink that reads "Pam Cox" with a stylized flourish at the end.

Pam M. Cox
Manager – Workplace Safety &
Environmental Compliance

ATTACHMENTS

Attachment A – March 2009 Indoor Air Sampling Event Summary
Attachment B – Figures
Attachment C – Tables
Attachment D – Data Validation Report

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Attachment A
March 2009 Indoor Air Sampling Event Summary

Introduction

In March 2009 indoor air, sub-slab vapor, and crawl space air samples were collected at the Former Philips Display Components Facility in Seneca Falls, New York (Site) (Figure 1). Samples were collected because volatile organic compounds (VOCs), primarily trichloroethene (TCE), have been detected in sub-slab vapor and indoor air.

One ventilation system and two sub-slab depressurization (SSD) systems have been installed to minimize the concentrations of VOCs. The Building 9 Office Area crawl space ventilation system began operating in November 2004, the Building 11 Area SSD system in November 2005, and the Building 7 Area SSD system in October 2006.

To confirm the systems are operating as designed, a digital manometer is used to measure pressure at sub-slab monitoring points and vapor extraction wells. The measurements are used to verify that negative pressures are sustained in the crawl space and the sub-slab.

Indoor air samples are collected quarterly and sub-slab vapor samples are collected annually to monitor changes in VOC concentrations. The sample locations are shown on Figures 2 through 4.

On March 26, 2008, the following air samples were collected:

- Nine indoor air samples and one duplicate indoor air sample;
- One crawl space air sample;
- One sub-slab vapor sample; and
- Two outdoor (ambient) air samples.

Samples were analyzed by TestAmerica Laboratories, Inc. of Burlington, Vermont for 16 site-specific VOCs using United States Environmental Protection Agency (USEPA) Method TO-15 (sub-slab vapor sample) and low level USEPA Method TO-15 (crawl space and indoor/outdoor air samples). Analytical results are provided in Tables 1 through 4 and graphically displayed on Figures 5 through 7.

Sampling, laboratory analysis, quality assurance/quality control, and data validation were conducted in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Soil Vapor Intrusion Pathway Investigation Work Plan and Quality Assurance Project Plan (Malcolm Pirnie, Inc., 2003). Data Validation Services, Inc. of North Creek, New York performed third-party data validation. Sample processing and reporting were conducted in compliance with project requirements and the data are usable as reported, or usable with minor qualification.

Contaminant Trends

The March 2009 indoor air TCE concentrations ranged from 1.2 to 31 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). The TCE concentrations are similar to concentrations from the last two spring sampling events (5.4 to 19 $\mu\text{g}/\text{m}^3$ in March 2007, and 2.6 to 10 $\mu\text{g}/\text{m}^3$ in March 2008).

Building 9 Area

The TCE concentration in the Building 9 office indoor air (1.2 $\mu\text{g}/\text{m}^3$) was less than the March 2007 and 2008 concentrations (14 and 5.3 $\mu\text{g}/\text{m}^3$, respectively). The TCE concentration in the Building 9 warehouse indoor air (24 $\mu\text{g}/\text{m}^3$) was greater than the March 2007 and 2008

concentrations (19 and 7 $\mu\text{g}/\text{m}^3$, respectively), but was within the range of previous concentrations (0.22 to 41 $\mu\text{g}/\text{m}^3$).

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

Building 11 Area

The Building 11 Area is comprised of portions of Building 11A, 10, 10A, 13, and 13A. TCE concentrations in the Building 11 Area indoor air ranged from 7.5 to 31 $\mu\text{g}/\text{m}^3$, which were greater than the respective March 2007 and 2008 concentration range of 2.6 to 17 $\mu\text{g}/\text{m}^3$, but less than the range of previous concentrations (1.5 to 97 $\mu\text{g}/\text{m}^3$) during the operation of the Building 11 SSD system.

Sub-slab vapor samples in the Building 11 Area are only collected annually (December). The Building 11 Area SSD system has sustained negative pressures in the sub-slab at effective radii of greater than 100 feet from the extraction wells.

Building 7 Area

The TCE concentration in the Building 7 indoor air was 4.8 $\mu\text{g}/\text{m}^3$, which was less than March 2007 and 2008 concentrations (18 and 9.7 $\mu\text{g}/\text{m}^3$, respectively).

TCE concentrations in the sub-slab vapor beneath Building 7 have decreased by two orders of magnitude from 3,300 $\mu\text{g}/\text{m}^3$ prior to SSD system operation to 59 $\mu\text{g}/\text{m}^3$ in March 2009 (Figure 7). The Building 7 SSD system has sustained negative pressures in the sub-slab at effective radii of greater than 45 feet from the extraction wells.

Conclusions

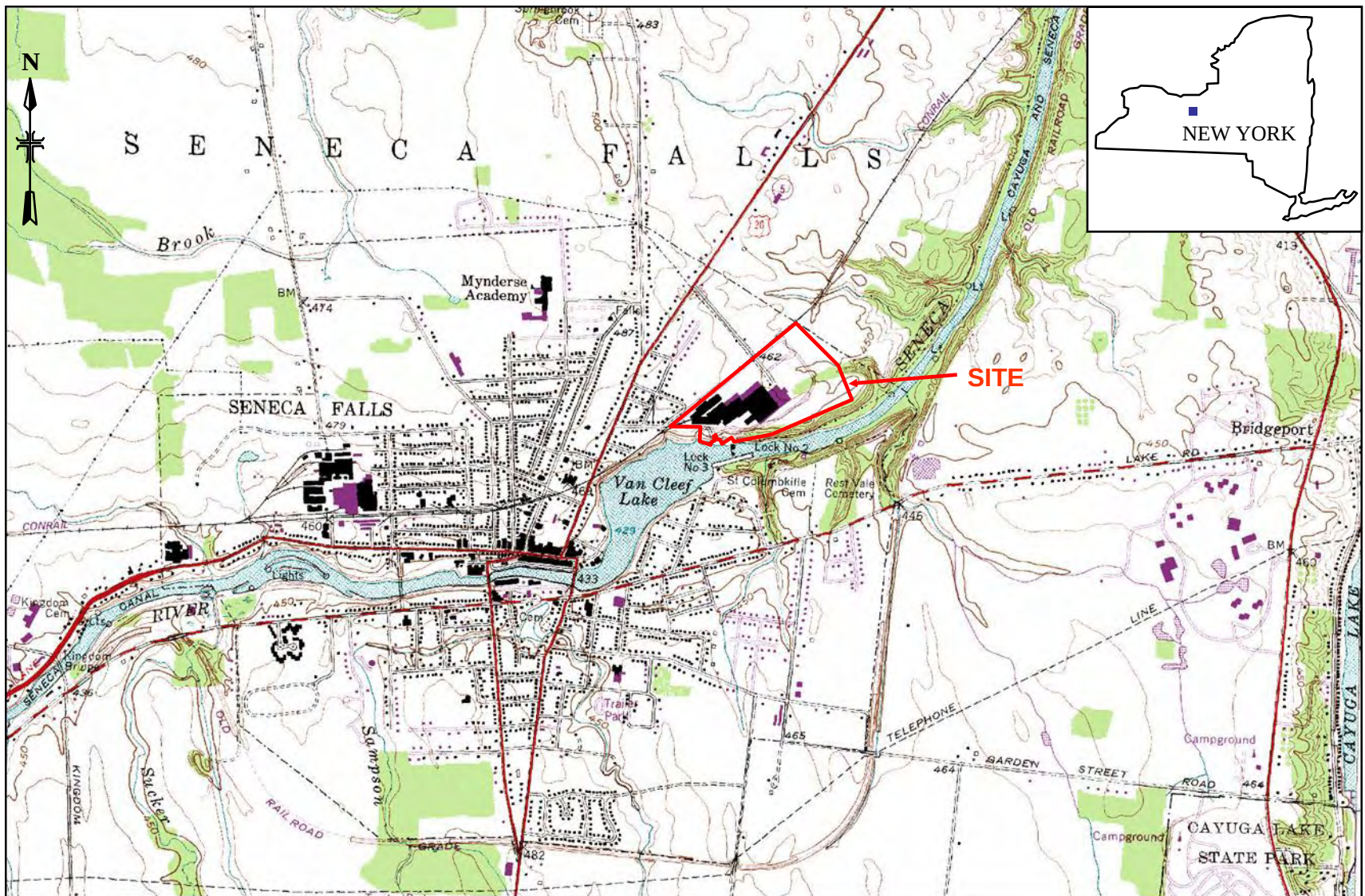
The analytical results and field measurements indicate that the systems are effective at sustaining negative differential pressures. Operation of the systems has significantly lowered the concentration of TCE and other VOCs in the sub-slab vapor, crawl space, and indoor air.

Changes in indoor air circulation may have contributed to a change in indoor air VOC concentrations in the Building 9 and 11 Areas. To address the VOC concentrations in sub-slab vapor in Building 10 and adjacent portions of Building 11, a SSD system is proposed for this area as discussed in the Building 10 Area Sub-Slab Depressurization System Design Plan (Malcolm Pirnie, Inc., 2009).

References

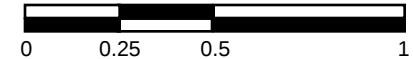
- Malcolm Pirnie, Inc. 2003. *Soil Vapor Intrusion Pathway Investigation Work Plan and Quality Assurance Project Plan*. May 7, 2003.
- Malcolm Pirnie, Inc. 2009. *Building 10 Area Sub-Slab Depressurization System Design Plan*. May 7, 2009.

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



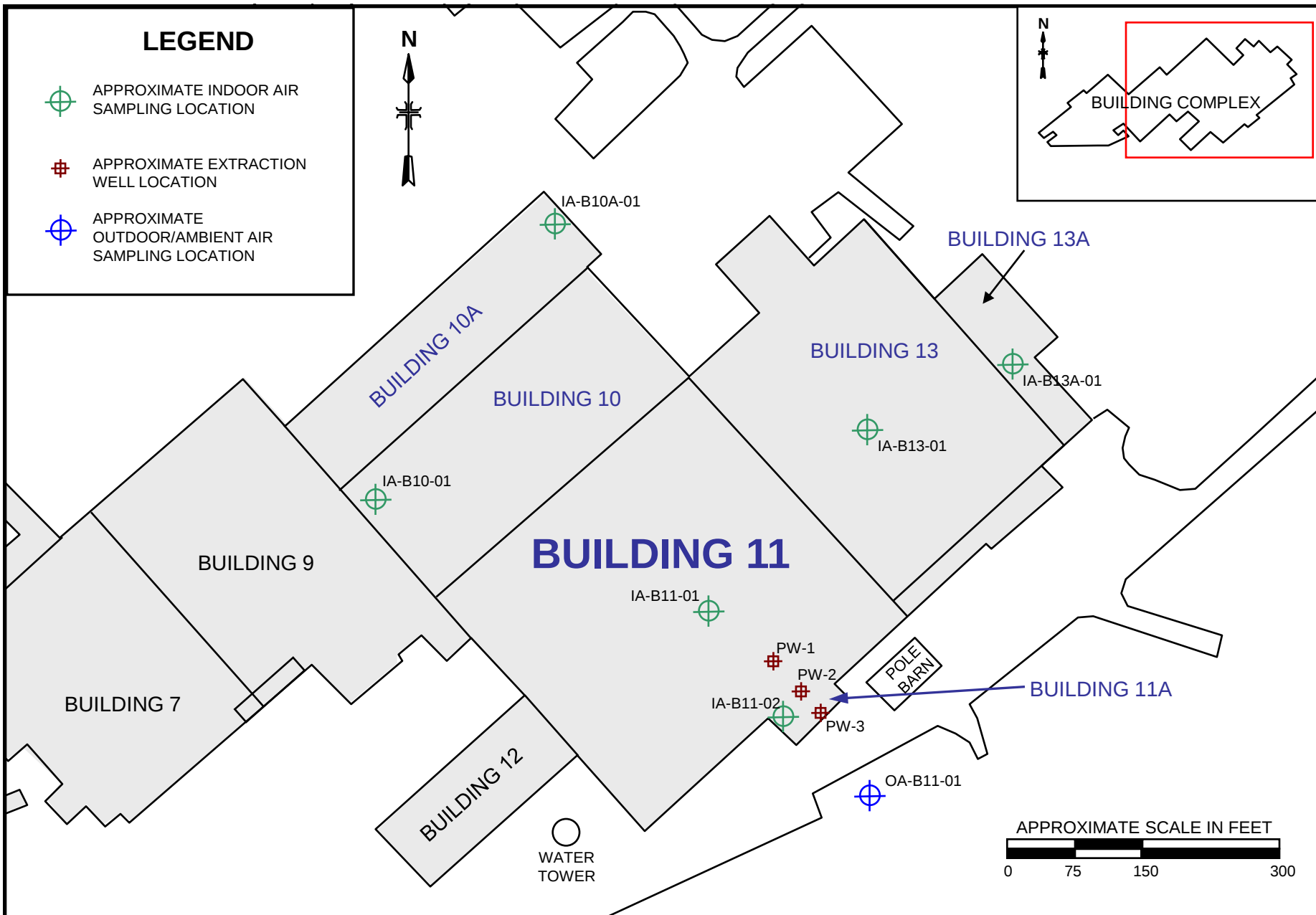
APPROXIMATE EXTRACTION
WELL LOCATION



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 4

BUILDING 6

BUILDING 3

BUILDING 5

BUILDING 7

BUILDING 9

BUILDING 12

EW-1

SVSS-B7-01

IA-B7-01

EW-2

FORMER TRAIN SHED



OA-B2-01

APPROXIMATE SCALE IN FEET



Figure 5: Building 9 Area TCE Concentrations

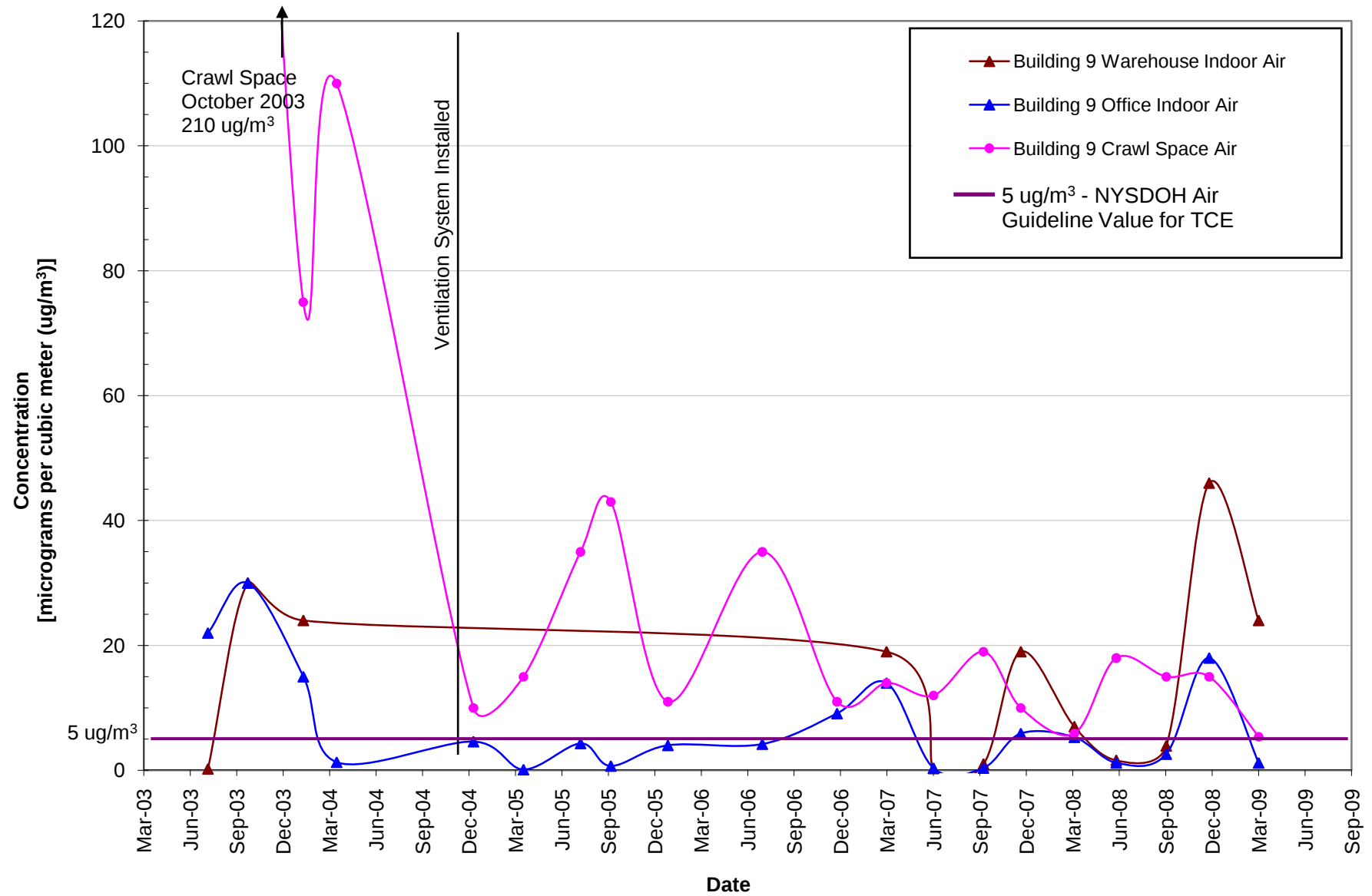


Figure 6: Building 11 Area TCE Concentrations

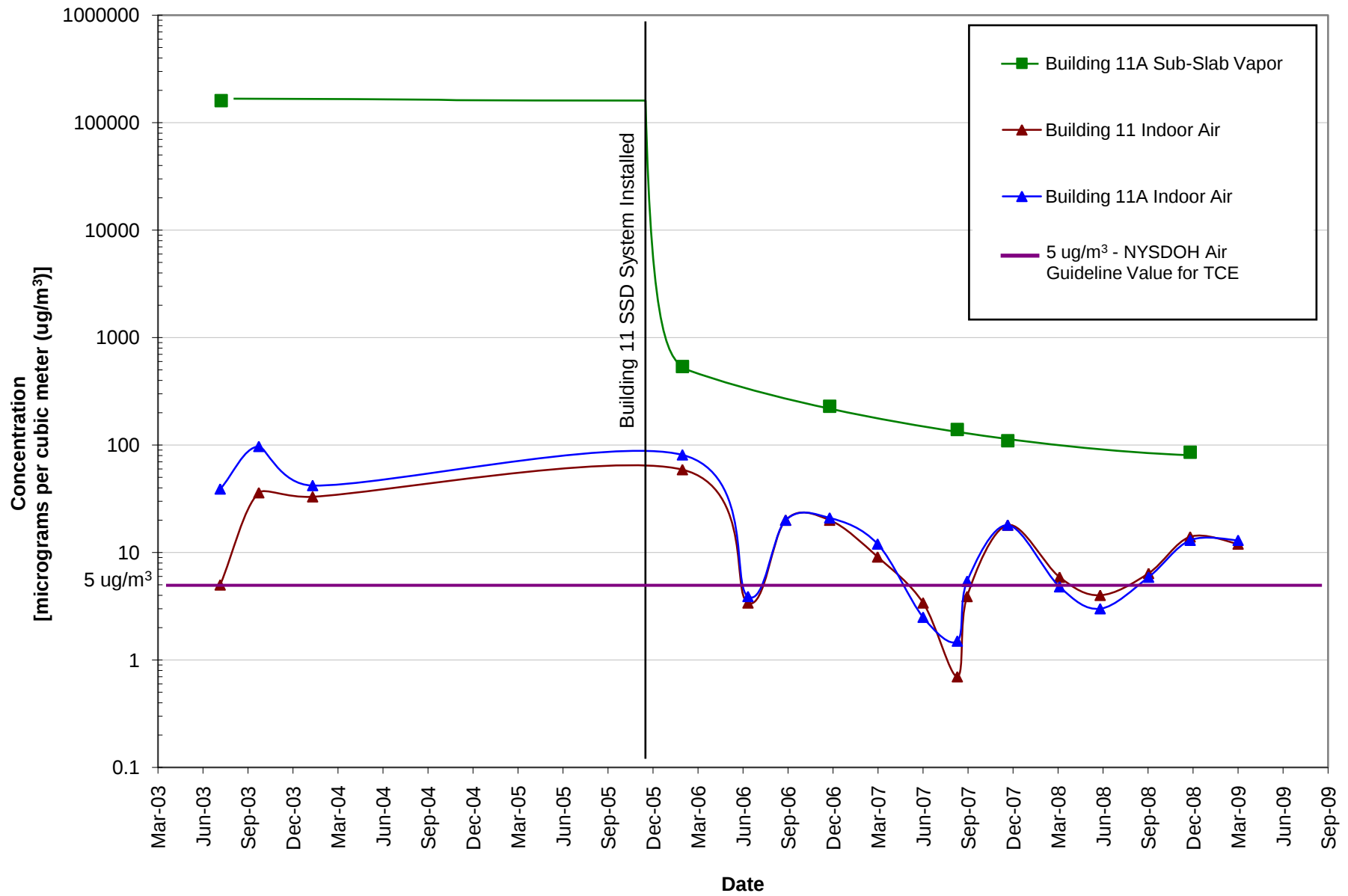
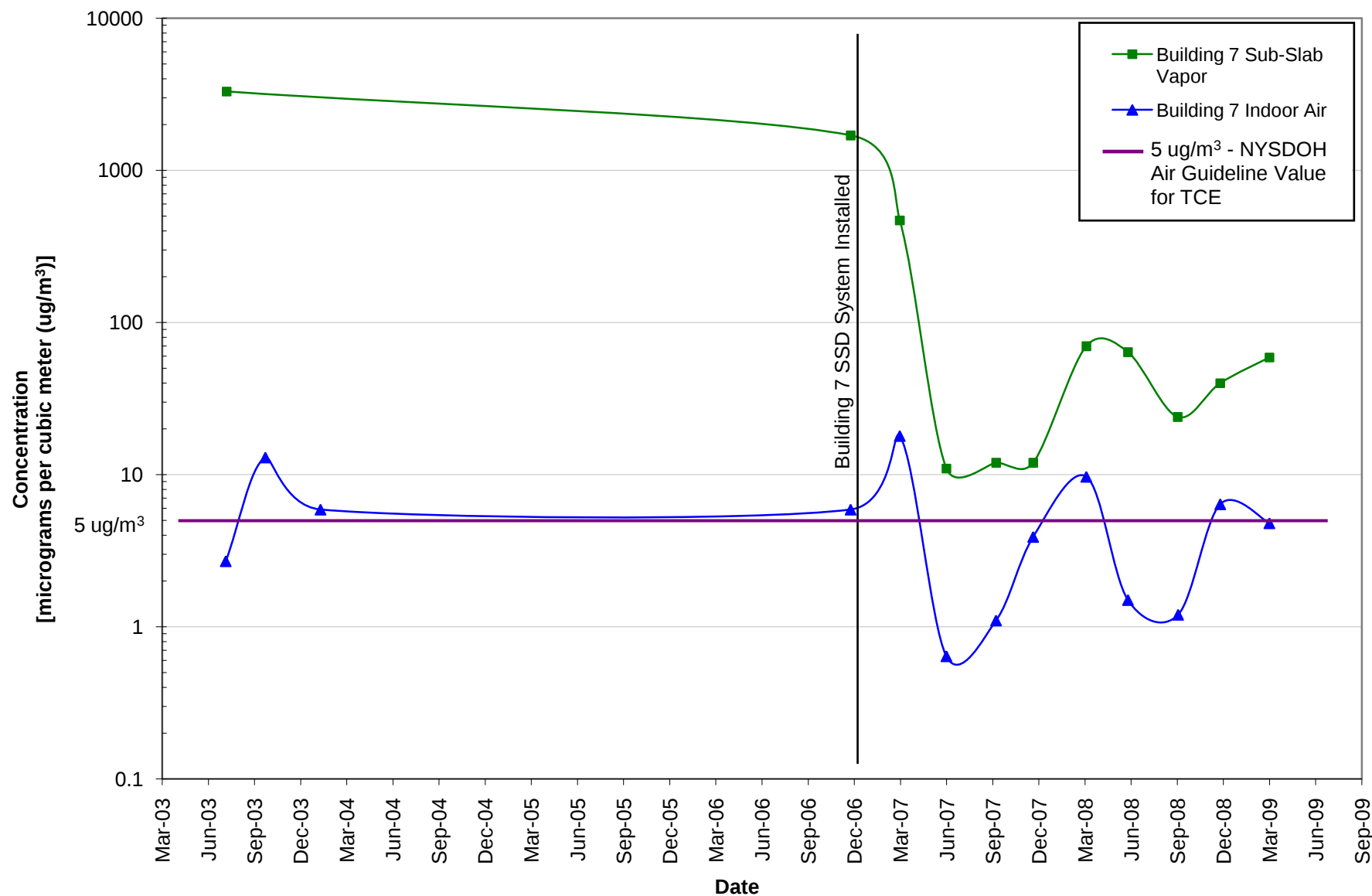


Figure 7: Building 7 Area TCE Concentrations



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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
Trichloroethene	NS	210	75	110	10	15	35	43	11	35	11	14	12	19	10	5.9	18	15	15	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
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
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

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

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
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
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
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
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
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
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
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
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
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
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
Toluene	2.1	2.4	9.8	3.8	2.1	0.83	4.5	0.21	2.3	3.0	12	6.8
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
Trichloroethene	0.22	30	24	19	0.30	1.0	19	7.0	1.6	3.9	46	24
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
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
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

Notes:

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

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 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
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
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
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
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
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
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
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
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
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
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
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
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
Trichloroethene	4.0	30	26	45	9.7	15	32	17	2.4	3.0	24	10	5.4	4.3	37	31
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
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
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

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
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
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
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
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
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
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
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
cis-1,2-Dichloroethene	38	NS	NS	11	NS	NS	26	NS	NS	NS	14	NS	NS	NS	6.7 NJ	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
Tetrachloroethene	32 U	NS	NS	14 U	NS	NS	20 U	NS	NS	NS	14 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
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
Trichloroethene	2700	NS	NS	1100	NS	NS	3200	NS	NS	NS	1800	NS	NS	NS	1700	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
m,p-Xylene	20 U	NS	NS	22 U	NS	NS	33 U	NS	NS	NS	22 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

Notes:

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

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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
1,1,1-Trichloroethane	14	NS	NS	11 U	NS	NS	3.4	NS	NS	NS	1.1	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
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
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
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
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
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
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
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
Tetrachloroethene	920	NS	NS	44	NS	NS	140	NS	NS	NS	81	NS	NS	NS	95	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
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
Trichloroethene	120	NS	NS	11 U	NS	NS	20	NS	NS	NS	9.1	NS	NS	NS	10	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
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
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

Notes:

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

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 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
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
1,1,1,2,2-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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:

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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
cis-1,2-Dichloroethene	2600	NS	NS	11	NS	NS	12	NS	NS	6.7	17	10	NS	NS	NS	11	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
Tetrachloroethene	3700	NS	NS	31	NS	NS	18	NS	NS	16	20	12	NS	NS	NS	6.1	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
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
Trichloroethene	2E+05	NS	NS	540	NS	NS	230	NS	NS	140	240	110	NS	NS	NS	86	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
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
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

Notes:

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

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	7/15/2003	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
1,1,1-Trichloroethane	18	NS	NS	11 U	NS	NS	8.2	NS	NS	NS	3.9	NS	NS	NS	3.5	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
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
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
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
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
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
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
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
Tetrachloroethene	37	NS	NS	14 U	NS	NS	13	NS	NS	NS	5.8	NS	NS	NS	3.5	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
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
Trichloroethene	2.8	NS	NS	11 U	NS	NS	1.3	NS	NS	NS	1.1	NS	NS	NS	1.6	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
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
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

Notes:

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

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	7/15/2003	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
Trichloroethene	53	NS	NS	34	NS	NS	64	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
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
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

Notes:

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

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	7/15/2003	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
1,1,2,2-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
1,1,2-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-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
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
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
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
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
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
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
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
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
Trichloroethene	3300	NS	NS	1700	470	11	12	12	70	64	24	40	59
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
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
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

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												
Sampling Event	Summer 2003	Fall 2003	Winter 2004	Confirmatory	Confirmatory	Confirmatory	Confirmatory	Confirmatory	Confirmatory	Confirmatory	Confirmatory	Confirmatory	Confirmatory
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:

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

U - Not detected above reporting limit

NS - Not Sampled

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 4, 2009

Mark Flusche
Malcolm Pirnie, Inc.
43 British American Blvd.
Latham, NY 12110

RE: Validation of Former Philips Display Components Facility, Seneca Falls site data package-
Indoor Air and Soil Vapor samples- March 2009
TestAmerica-VT SDG No. NY130892

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (STL-VT) that pertains to air samples collected on 3/26/09 at the Seneca Falls site. This report covers twelve 6-L summa canister indoor/outdoor air samples, an indoor air field duplicate, and one 6-L summa canister soil vapor sample. The 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). Two samples reported in the data package did not undergo validation.

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, or usable with minor qualification.

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

Chain-of-Custody

The down-arrow for the date entry on the second page of the custody was not present.

Strikeovers should have been dated and initialed.

Volatile Analyses by EPA TO-15

Results initially reported with the laboratory "E" flag reflect responses above the instrument calibration range, and are therefore derived from the dilution analysis of the sample.

The detected result for 1,1,1-trichloroethane in IA-B11-02 has 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 were acceptable.

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

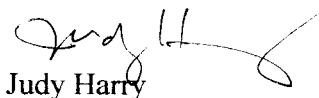
Method and canister blanks show no contamination. The clean canister certification raw data documentation was reviewed during validation.

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.

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

Very truly yours,



Judy Harry

VALIDATION QUALIFIER DEFINITIONS

DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the national qualifiers assigned to results in the data review process. If the Regions choose to use additional qualifiers, a complete explanation of those qualifiers should accompany the data review.

- U** - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- N** - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."
- NJ** - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- UJ** - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R** - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

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



THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

April 22, 2009

Mr. Daniel Lang
Malcolm Pirnie
43 British American Boulevard
Latham, NY 12110

Re: Laboratory Project No. 29000
Case: 29000; SDG: NY130892

Dear Mr. Lang:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on March 27th, 2009. 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: 03/27/09 ETR No: 130892			
790246	IA-B11-02	03/26/09	AIR
790247	IA-B11-01	03/26/09	AIR
790248	IA-B13-01	03/26/09	AIR
790249	IA-B13A-01	03/26/09	AIR
790250	IA-B10A-01	03/26/09	AIR
790251	IA-B10-01	03/26/09	AIR
790252	IA-B9-02	03/26/09	AIR
790253	SVSS-B7-01	03/26/09	AIR
790254	IA-B7-01	03/26/09	AIR
790255	IA-B1A-01	03/26/09	AIR
790256	IA-B1A-BASE	03/26/09	AIR
790257	OA-B2-01	03/26/09	AIR
790258	IA-B9-01	03/26/09	AIR
790259	IA-B9-CS	03/26/09	AIR
790260	OA-B11-01	03/26/09	AIR
790261	DUP	03/26/09	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.

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 ($\mu\text{g}/\text{m}^3$). The majority of samples were analyzed at dilution based on screen analyses to ensure quantitation of all target analytes within the calibrated range.



THE LEADER IN ENVIRONMENTAL TESTING

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". The signature is written in a cursive style with a large, stylized "D" and "W".

for

Don Dawicki
Project Manager

QUALIFIED SAMPLE RESULTS FORMS

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B11-02

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 790246

Date Analyzed: 4/10/2009

Date Received: 3/27/2009

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	0.067	U	0.067	0.17	U	0.17
1,1-Dichloroethene	75-35-4	0.033	U	0.033	0.13	U	0.13
trans-1,2-Dichloroethene	156-60-5	0.033	U	0.033	0.13	U	0.13
1,1-Dichloroethane	75-34-3	0.033	U	0.033	0.13	U	0.13
cis-1,2-Dichloroethene	156-59-2	0.57		0.033	2.3		0.13
1,1,1-Trichloroethane	71-55-6	0.035	NJ	0.033	0.19	NJ	0.18
Benzene	71-43-2	1.4		0.033	4.5		0.11
1,2-Dichloroethane	107-06-2	0.067	U	0.067	0.27	U	0.27
Trichloroethene	79-01-6	2.5		0.033	13		0.18
Toluene	108-88-3	2.4		0.033	9.0		0.12
1,1,2-Trichloroethane	79-00-5	0.033	U	0.033	0.18	U	0.18
Tetrachloroethene	127-18-4	0.12		0.033	0.81		0.22
Ethylbenzene	100-41-4	0.75		0.033	3.3		0.14
Xylene (m,p)	1330-20-7	3.1		0.067	13		0.29
Xylene (o)	95-47-6	0.96		0.033	4.2		0.14
1,1,2,2-Tetrachloroethane	79-34-5	0.033	U	0.033	0.23	U	0.23

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B11-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 4.00

Sample Matrix: AIR

Lab Sample No.: 790247

Date Analyzed: 4/10/2009

Date Received: 3/27/2009

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	0.54		0.040	2.1		0.16
1,1,1-Trichloroethane	71-55-6	0.040	U	0.040	0.22	U	0.22
Benzene	71-43-2	1.2		0.040	3.8		0.13
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	2.2		0.040	12		0.21
Toluene	108-88-3	2.1		0.040	7.9		0.15
1,1,2-Trichloroethane	79-00-5	0.040	U	0.040	0.22	U	0.22
Tetrachloroethene	127-18-4	0.11		0.040	0.75		0.27
Ethylbenzene	100-41-4	0.73		0.040	3.2		0.17
Xylene (m,p)	1330-20-7	3.1		0.080	13		0.35
Xylene (o)	95-47-6	1.0		0.040	4.3		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-B13-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 790248

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.035		0.020	0.14		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	0.32		0.020	1.3		0.079
1,1,1-Trichloroethane	71-55-6	0.12		0.020	0.65		0.11
Benzene	71-43-2	0.60		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	1.4		0.020	5.3		0.075
1,1,2-Trichloroethane	79-00-5	0.020	U	0.020	0.11	U	0.11
Tetrachloroethene	127-18-4	0.093		0.020	0.63		0.14
Ethylbenzene	100-41-4	0.32		0.020	1.4		0.087
Xylene (m,p)	1330-20-7	1.2		0.040	5.2		0.17
Xylene (o)	95-47-6	0.38		0.020	1.7		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-B13A-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 1.50

Sample Matrix: AIR

Lab Sample No.: 790249

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.036		0.015	0.14		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	0.30		0.015	1.2		0.059
1,1,1-Trichloroethane	71-55-6	0.12		0.015	0.65		0.082
Benzene	71-43-2	0.65		0.015	2.1		0.048
1,2-Dichloroethane	107-06-2	0.030	U	0.030	0.12	U	0.12
Trichloroethene	79-01-6	1.5		0.015	8.1		0.081
Toluene	108-88-3	1.1 1.5	E	0.015	4.1 5.7	E	0.057
1,1,2-Trichloroethane	79-00-5	0.015	U	0.015	0.082	U	0.082
Tetrachloroethene	127-18-4	0.13		0.015	0.88		0.10
Ethylbenzene	100-41-4	0.36		0.015	1.6		0.065
Xylene (m,p)	1330-20-7	1.3		0.030	5.6		0.13
Xylene (o)	95-47-6	0.42		0.015	1.8		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-B10A-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 7.94

Sample Matrix: AIR

Lab Sample No.: 790250

Date Analyzed: 4/10/2009

Date Received: 3/27/2009

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	0.16	U	0.16	0.41	U	0.41
1,1-Dichloroethene	75-35-4	0.079	U	0.079	0.31	U	0.31
trans-1,2-Dichloroethene	156-60-5	0.079	U	0.079	0.31	U	0.31
1,1-Dichloroethane	75-34-3	0.079	U	0.079	0.32	U	0.32
cis-1,2-Dichloroethene	156-59-2	1.3		0.079	5.2		0.31
1,1,1-Trichloroethane	71-55-6	0.079	U	0.079	0.43	U	0.43
Benzene	71-43-2	1.3		0.079	4.2		0.25
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
Trichloroethene	79-01-6	4.0		0.079	21		0.42
Toluene	108-88-3	3.1		0.079	12		0.30
1,1,2-Trichloroethane	79-00-5	0.079	U	0.079	0.43	U	0.43
Tetrachloroethene	127-18-4	0.26		0.079	1.8		0.54
Ethylbenzene	100-41-4	0.54		0.079	2.3		0.34
Xylene (m,p)	1330-20-7	2.2		0.16	9.6		0.69
Xylene (o)	95-47-6	0.68		0.079	3.0		0.34
1,1,2,2-Tetrachloroethane	79-34-5	0.079	U	0.079	0.54	U	0.54

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B10-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 7.94

Sample Matrix: AIR

Lab Sample No.: 790251

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.16	U	0.16	0.41	U	0.41
1,1-Dichloroethene	75-35-4	0.079	U	0.079	0.31	U	0.31
trans-1,2-Dichloroethene	156-60-5	0.079	U	0.079	0.31	U	0.31
1,1-Dichloroethane	75-34-3	0.079	U	0.079	0.32	U	0.32
cis-1,2-Dichloroethene	156-59-2	0.81		0.079	3.2		0.31
1,1,1-Trichloroethane	71-55-6	0.079	U	0.079	0.43	U	0.43
Benzene	71-43-2	1.3		0.079	4.2		0.25
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
Trichloroethene	79-01-6	5.8		0.079	31		0.42
Toluene	108-88-3	3.0		0.079	11		0.30
1,1,2-Trichloroethane	79-00-5	0.079	U	0.079	0.43	U	0.43
Tetrachloroethene	127-18-4	0.17		0.079	1.2		0.54
Ethylbenzene	100-41-4	0.48		0.079	2.1		0.34
Xylene (m,p)	1330-20-7	1.7		0.16	7.4		0.69
Xylene (o)	95-47-6	0.56		0.079	2.4		0.34
1,1,2,2-Tetrachloroethane	79-34-5	0.079	U	0.079	0.54	U	0.54

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B9-02

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 7.94

Sample Matrix: AIR

Lab Sample No.: 790252

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.16	U	0.16	0.41	U	0.41
1,1-Dichloroethene	75-35-4	0.079	U	0.079	0.31	U	0.31
trans-1,2-Dichloroethene	156-60-5	0.079	U	0.079	0.31	U	0.31
1,1-Dichloroethane	75-34-3	0.079	U	0.079	0.32	U	0.32
cis-1,2-Dichloroethene	156-59-2	0.28		0.079	1.1		0.31
1,1,1-Trichloroethane	71-55-6	0.079	U	0.079	0.43	U	0.43
Benzene	71-43-2	1.2		0.079	3.8		0.25
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
Trichloroethene	79-01-6	4.4		0.079	24		0.42
Toluene	108-88-3	1.8		0.079	6.8		0.30
1,1,2-Trichloroethane	79-00-5	0.079	U	0.079	0.43	U	0.43
Tetrachloroethene	127-18-4	0.079	U	0.079	0.54	U	0.54
Ethylbenzene	100-41-4	0.25		0.079	1.1		0.34
Xylene (m,p)	1330-20-7	0.76		0.16	3.3		0.69
Xylene (o)	95-47-6	0.27		0.079	1.2		0.34
1,1,2,2-Tetrachloroethane	79-34-5	0.079	U	0.079	0.54	U	0.54

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B7-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 3.33

Sample Matrix: AIR

Lab Sample No.: 790254

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.37		0.067	0.95		0.17
1,1-Dichloroethene	75-35-4	0.033	U	0.033	0.13	U	0.13
trans-1,2-Dichloroethene	156-60-5	0.033	U	0.033	0.13	U	0.13
1,1-Dichloroethane	75-34-3	0.033	U	0.033	0.13	U	0.13
cis-1,2-Dichloroethene	156-59-2	1.1		0.033	4.4		0.13
1,1,1-Trichloroethane	71-55-6	0.033	U	0.033	0.18	U	0.18
Benzene	71-43-2	0.66		0.033	2.1		0.11
1,2-Dichloroethane	107-06-2	0.067	U	0.067	0.27	U	0.27
Trichloroethene	79-01-6	0.89		0.033	4.8		0.18
Toluene	108-88-3	2.2		0.033	8.3		0.12
1,1,2-Trichloroethane	79-00-5	0.033	U	0.033	0.18	U	0.18
Tetrachloroethene	127-18-4	0.053		0.033	0.36		0.22
Ethylbenzene	100-41-4	0.21		0.033	0.91		0.14
Xylene (m,p)	1330-20-7	0.71		0.067	3.1		0.29
Xylene (o)	95-47-6	0.27		0.033	1.2		0.14
1,1,2,2-Tetrachloroethane	79-34-5	0.033	U	0.033	0.23	U	0.23

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

OA-B2-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790257

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.030		0.010	0.12		0.040
1,1,1-Trichloroethane	71-55-6	0.012		0.010	0.065		0.055
Benzene	71-43-2	0.22		0.010	0.70		0.032
1,2-Dichloroethane	107-06-2	0.020		0.020	0.081		0.081
Trichloroethene	79-01-6	0.016		0.010	0.086		0.054
Toluene	108-88-3	0.26		0.010	0.98		0.038
1,1,2-Trichloroethane	79-00-5	0.010	U	0.010	0.055	U	0.055
Tetrachloroethene	127-18-4	0.021		0.010	0.14		0.068
Ethylbenzene	100-41-4	0.057		0.010	0.25		0.043
Xylene (m,p)	1330-20-7	0.30		0.020	1.3		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-B9-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 1.25

Sample Matrix: AIR

Lab Sample No.: 790258

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.025	U	0.025	0.064	U	0.064
1,1-Dichloroethene	75-35-4	0.012	U	0.012	0.048	U	0.048
trans-1,2-Dichloroethene	156-60-5	0.012	U	0.012	0.048	U	0.048
1,1-Dichloroethane	75-34-3	0.012	U	0.012	0.049	U	0.049
cis-1,2-Dichloroethene	156-59-2	0.031		0.012	0.12		0.048
1,1,1-Trichloroethane	71-55-6	0.070		0.012	0.38		0.065
Benzene	71-43-2	0.33		0.012	1.1		0.038
1,2-Dichloroethane	107-06-2	0.028		0.025	0.11		0.10
Trichloroethene	79-01-6	0.23		0.012	1.2		0.064
Toluene	108-88-3	1.1		0.012	4.1		0.045
1,1,2-Trichloroethane	79-00-5	0.012	U	0.012	0.065	U	0.065
Tetrachloroethene	127-18-4	0.024		0.012	0.16		0.081
Ethylbenzene	100-41-4	0.10		0.012	0.43		0.052
Xylene (m,p)	1330-20-7	0.33		0.025	1.4		0.11
Xylene (o)	95-47-6	0.12		0.012	0.52		0.052
1,1,2,2-Tetrachloroethane	79-34-5	0.012	U	0.012	0.082	U	0.082

**TO-14/15
Result Summary**

CLIENT SAMPLE NO.

IA-B9-CS

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 790259

Date Analyzed: 4/14/2009

Date Received: 3/27/2009

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	0.020	U	0.020	0.079	U	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	0.045		0.020	0.18		0.079
1,1,1-Trichloroethane	71-55-6	0.020	U	0.020	0.11	U	0.11
Benzene	71-43-2	0.25		0.020	0.80		0.064
1,2-Dichloroethane	107-06-2	0.040	U	0.040	0.16	U	0.16
Trichloroethene	79-01-6	1.0		0.020	5.4		0.11
Toluene	108-88-3	0.46		0.020	1.7		0.075
1,1,2-Trichloroethane	79-00-5	0.020	U	0.020	0.11	U	0.11
Tetrachloroethene	127-18-4	0.033		0.020	0.22		0.14
Ethylbenzene	100-41-4	0.064		0.020	0.28		0.087
Xylene (m,p)	1330-20-7	0.21		0.040	0.91		0.17
Xylene (o)	95-47-6	0.085		0.020	0.37		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.

OA-B11-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790260

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.021		0.010	0.083		0.040
1,1,1-Trichloroethane	71-55-6	0.013		0.010	0.071		0.055
Benzene	71-43-2	0.21		0.010	0.67		0.032
1,2-Dichloroethane	107-06-2	0.021		0.020	0.085		0.081
Trichloroethene	79-01-6	0.014		0.010	0.075		0.054
Toluene	108-88-3	0.25		0.010	0.94		0.038
1,1,2-Trichloroethane	79-00-5	0.010	U	0.010	0.055	U	0.055
Tetrachloroethene	127-18-4	0.021		0.010	0.14		0.068
Ethylbenzene	100-41-4	0.042		0.010	0.18		0.043
Xylene (m,p)	1330-20-7	0.095		0.020	0.41		0.087
Xylene (o)	95-47-6	0.037		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.

DUP

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 4.00

Sample Matrix: AIR

Lab Sample No.: 790261

Date Analyzed: 4/11/2009

Date Received: 3/27/2009

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	0.64		0.040	2.5		0.16
1,1,1-Trichloroethane	71-55-6	0.040	U	0.040	0.22	U	0.22
Benzene	71-43-2	1.4		0.040	4.5		0.13
1,2-Dichloroethane	107-06-2	0.080	U	0.080	0.32	U	0.32
Trichloroethene	79-01-6	2.5		0.040	13		0.21
Toluene	108-88-3	2.6		0.040	9.8		0.15
1,1,2-Trichloroethane	79-00-5	0.040	U	0.040	0.22	U	0.22
Tetrachloroethene	127-18-4	0.14		0.040	0.95		0.27
Ethylbenzene	100-41-4	0.84		0.040	3.6		0.17
Xylene (m,p)	1330-20-7	3.6		0.080	16		0.35
Xylene (o)	95-47-6	1.1		0.040	4.8		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.

SVSS-B7-01

Lab Name: TAL Burlington

SDG Number: NY130892

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 790253

Date Analyzed: 3/31/2009

Date Received: 3/27/2009

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	0.20	U	0.20	0.51	U	0.51
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
Trichloroethene	79-01-6	11		0.20	59		1.1
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.30		0.20	2.0		1.4
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4