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

January 11, 2013

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

Re: *October 2012 Indoor Air Sampling Report*

Dear Mr. Festa:

Attached are the October 2012 indoor air sampling results for the former Philips Display Components facility in Seneca Falls, New York. Volatile organic compounds (VOC), primarily trichloroethene, were reported in indoor air. Three subslab depressurization (SSD) and one ventilation system continue to operate.

The next monitoring event is tentatively scheduled for the week of March 25, 2013.

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

Sincerely,

Pam M. Cox /MAF

Pam M. Cox
Manager –Workplace Safety & Environmental Compliance

ATTACHMENTS
Attachment A – October 2012 Indoor Air Sampling Event Summary
Attachment B – Figures
Attachment C – Tables
Attachment D – Data Validation Report

cc:
Mr. Dale Carpenter
U.S. Environmental Protection Agency
290 Broadway
New York, NY 10007-1866

Ms. Melissa A. Menetti
New York State Department of Health
547 River Street
Troy, NY 12180

Mr. Sam Ezekwo
USEPA, Region 2
Div. of Environ. Planning and Protection
290 Broadway, 22nd Floor
New York, NY 10007-1866

Ms. Patricia Jones
Seneca County Industrial Development Agency
1 DiPronio Drive
Waterloo, NY 13165-1681

Mr. Matt Dukat
H.P. Neun
100 Dunn Road
Lyons NY 14489

ecc:
Mr. Ray Larkin
Environmental Consultant
9 Hawthorne Court
North Kingstown, RI 02852-4646

Ms. Denise Radtke
NYS Dept of Environmental Conservation
625 Broadway
Albany, New York 12233-7252

Ms. Marzi Sharfaei
ARCADIS U.S., Inc.
1515 E. Woodfield Road, Suite 360
Schaumburg, IL 60173

Mr. Daniel Lang
ARCADIS U.S., Inc.
855 Route 146, Suite 210
Clifton Park, NY 12065

Attachment A
October 2012 Indoor Air Sampling Event Summary

In October 2012, indoor air samples were collected at the former Philips Display Components facility in Seneca Falls, New York (Figure 1). Indoor air samples are collected and analyzed quarterly to monitor system effectiveness.

To minimize volatile organic compounds (VOC), primarily trichloroethene (TCE) concentrations in subslab vapor and indoor air, the following subslab depressurization (SSD) and ventilation systems have been installed:

- Building 9 Office Area crawl space ventilation system[1],
- Building 11 Area SSD system,
- Building 7 Area SSD system,
- Building 10 Area SSD system, and
- Building 1A sump/trench ventilation system.

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

On October 9, 2012, twelve indoor, one duplicate, one crawl space, and two outdoor (ambient) air samples were collected. The sample locations are shown on Figures 2 through 6. Samples were analyzed by TestAmerica Laboratories, Inc. of Burlington, Vermont for 16 site-specific VOCs. Crawl space and indoor- and outdoor-air samples were analyzed using low-level United States Environmental Protection Agency (USEPA) Method TO-15. Analytical results are provided in Tables 1 through 6 and displayed graphically on Figures 7 through 11.

Sampling, laboratory analysis, quality assurance and quality control, and data validation were conducted in accordance with the *Soil Vapor Intrusion Pathway Investigation Work Plan and Quality Assurance Project Plan* dated May 7, 2003. Data Validation Services, Inc. of North Creek, New York performed third-party data validation. Sample results are usable as reported or with minor qualifications (Attachment).

Concentration Trends

The October 2012 indoor air TCE concentrations ranged from 1.6 to 23 micrograms per cubic meter ($\mu g/m^3$), which was larger than the September 2011 concentration range (0.75 to 2.8$\mu g/m^3$) but within the historical range (0.091 to 30 $\mu g/m^3$) during SSD system operation.

Building 9 Area

The Building 9 office indoor air TCE concentration (5.8 $\mu g/m^3$) was higher than the September 2011 TCE concentration (1.8 $\mu g/m^3$) but within the previous concentration range (0.12 to 30 $\mu g/m^3$). The Building 9 warehouse indoor air TCE concentration (16 $\mu g/m^3$) was higher than the September 2011 TCE concentration (1.6 $\mu g/m^3$) but within the previous concentration range (0.091 to 51 $\mu g/m^3$).

[1]The Building 9 Office Area crawl space ventilation system operated from November 2004 to June 2010.

The Building 9 crawlspace air TCE concentration (29 μg/m^3) was lower than the September 2011 concentration (37 μg/m^3) and within the previous concentration range (2.8 to 210 μg/m^3) (Figure 7 and Table 1).

Building 11 Area

The Building 11 Area comprises parts of Buildings 11, 11A, 13, and 13A. Building 11 Area indoor air TCE concentrations ranged from 1.6 to 9.5 μg/m^3, which were higher than the September 2011 concentrations (1.2 to 1.8 μg/m^3) but within the previous concentration range (0.70 to 30 μg/m^3) during SSD system operation. The Building 11 Area SSD system continues to sustain subslab negative pressures greater than 100 feet from the extraction wells.

The following table summarizes the October 2012 and September 2011 Building 11 Area indoor air TCE concentrations.

Building	October 2012 TCE Concentration in Indoor Air (μg/m^3)	September 2011 TCE Concentration in Indoor Air (μg/m^3)
11	9.5	1.8
11A	7.2	1.2
13	3.3	2.8
13A	1.6	1.4

Building 7 Area

H.P. Neun relocated their primary administrative offices from Building 9 to Building 7 during 2011. Indoor air sampling in the Building 7 office area was initiated in September 2011. The October 2012 TCE concentration in the Building 7 office area (6.8 μg/m^3) was higher than the September 2011 concentration (0.82 μg/m^3) and the previous concentration range (0.82 to 3.8 μg/m^3).

The October 2012 warehouse indoor air TCE concentration (11 μg/m^3) was higher than the September 2011 concentration (1.3 μg/m^3) but within the previous concentration range (0.64 to 18 μg/m^3) during SSD system operation. The Building 7 SSD system continues to sustain negative subslab pressures greater than 45 feet from the extraction wells.

Building 10 Area

The Buildings 10 and 10A indoor air sample TCE concentrations were 23 and 7.9 μg/m^3, respectively. The concentrations were higher than the Building 10 and 10A September 2011 TCE concentrations (1.4 and 1.1 μg/m^3, respectively). The Building 10 SSD system sustains negative subslab pressures greater than 100 feet from the extraction wells.

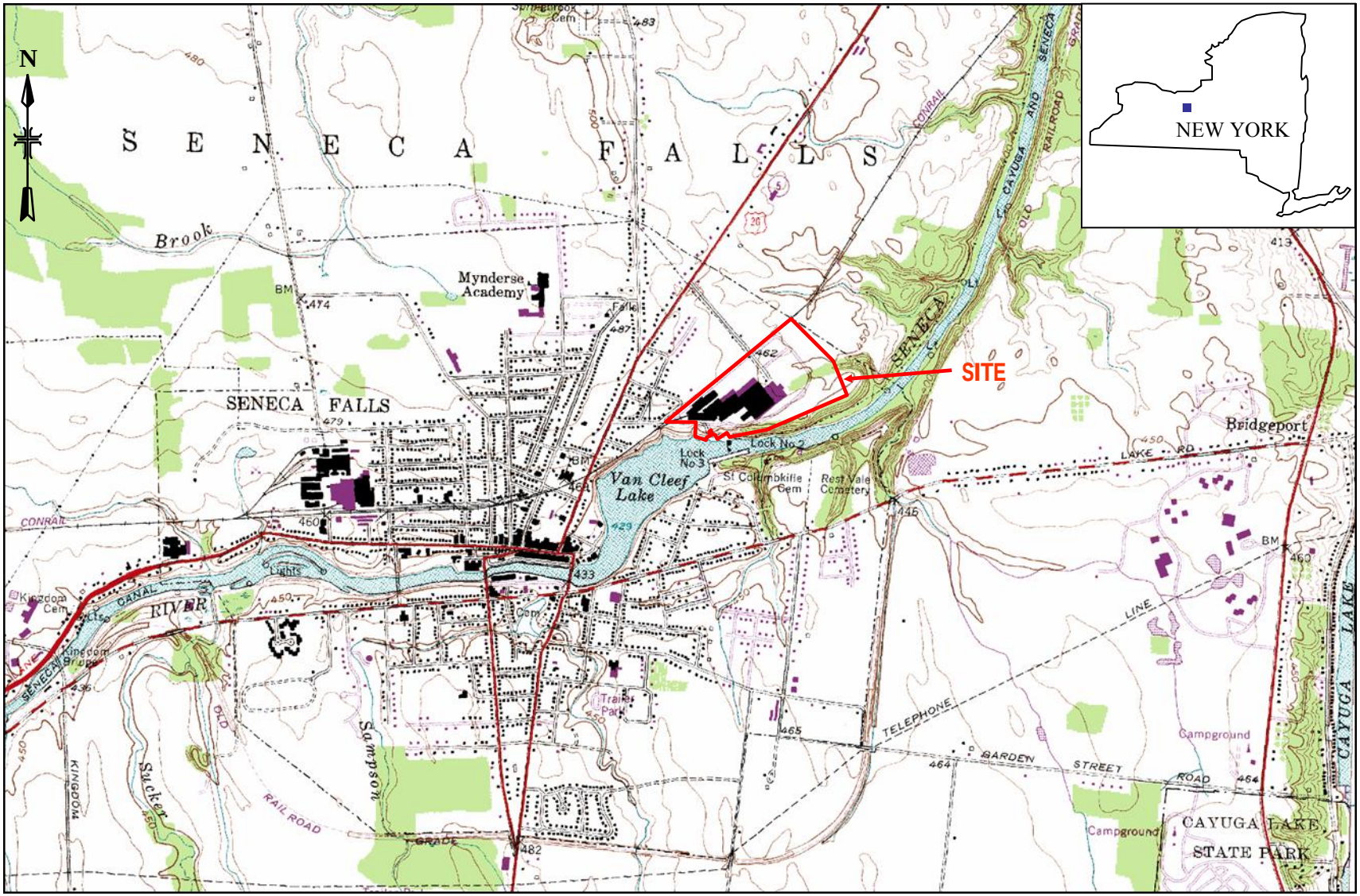
Building 1A Area

The Building 1A first floor indoor air TCE concentration (5.2 μg/m^3) was higher than the September 2011 concentration (0.75 μg/m^3) and within the previous concentration range (0.059 to 27 μg/m^3). The Building 1A basement indoor air TCE concentration (4.5 μg/m^3) was less than the September 2011 concentration (5.1 μg/m^3) and within the previous concentration range (0.081 to 160 μg/m^3). The Building 1A basement is uninhabitable.

Conclusions

The analytical results and field measurements indicate the ventilation and SSD systems are effective at sustaining negative differential pressures. Ventilation and SSD systems operation has continued to lower the subslab and indoor air VOC concentrations.

Attachment B
Figures



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

APPROXIMATE SCALE IN MILES

0 0.25 0.5 1

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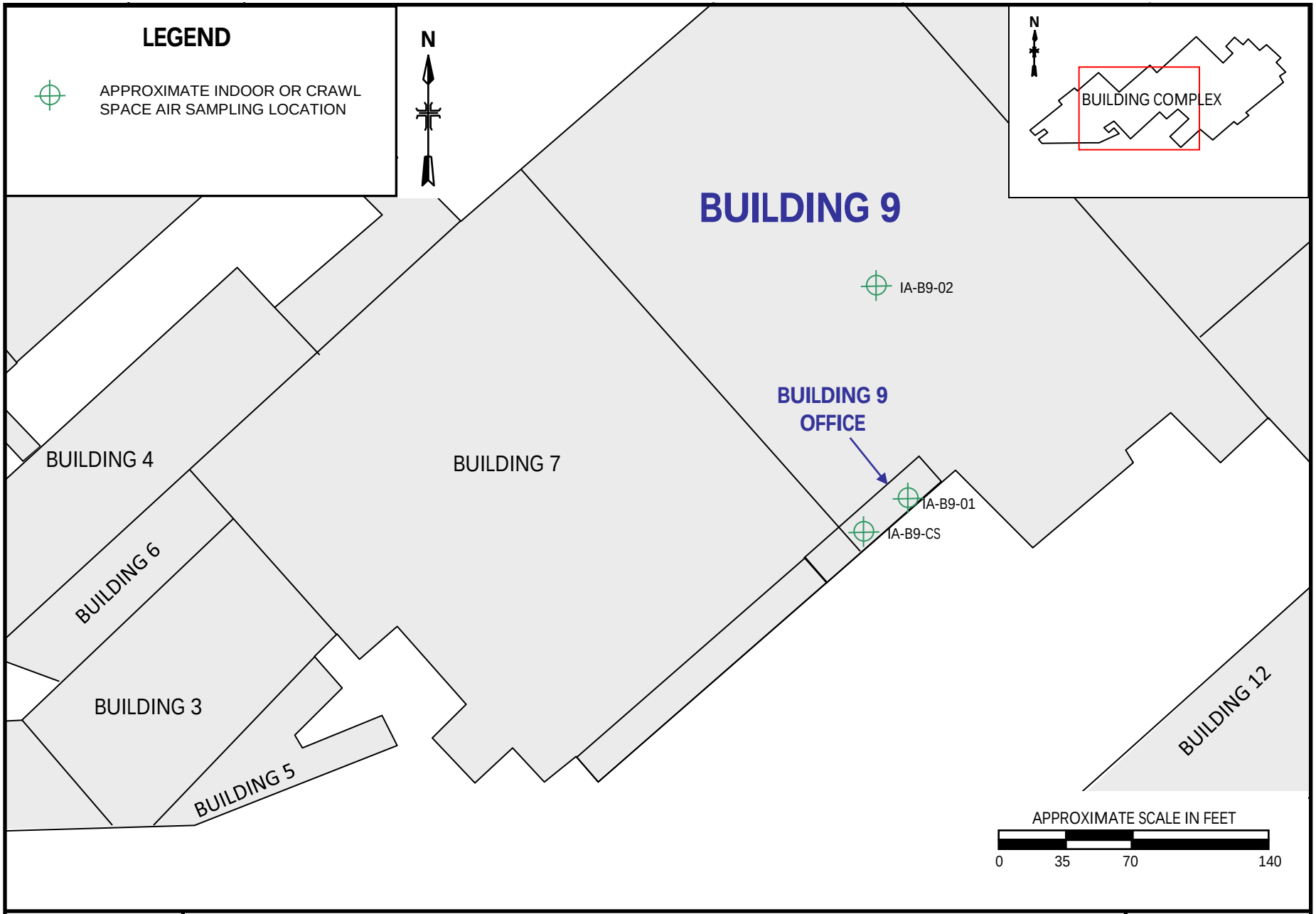
FORMER PHILIPS DISPLAY COMPONENTS FACILITY
SENECA FALLS, NEW YORK

SITE LOCATION

FIGURE 1



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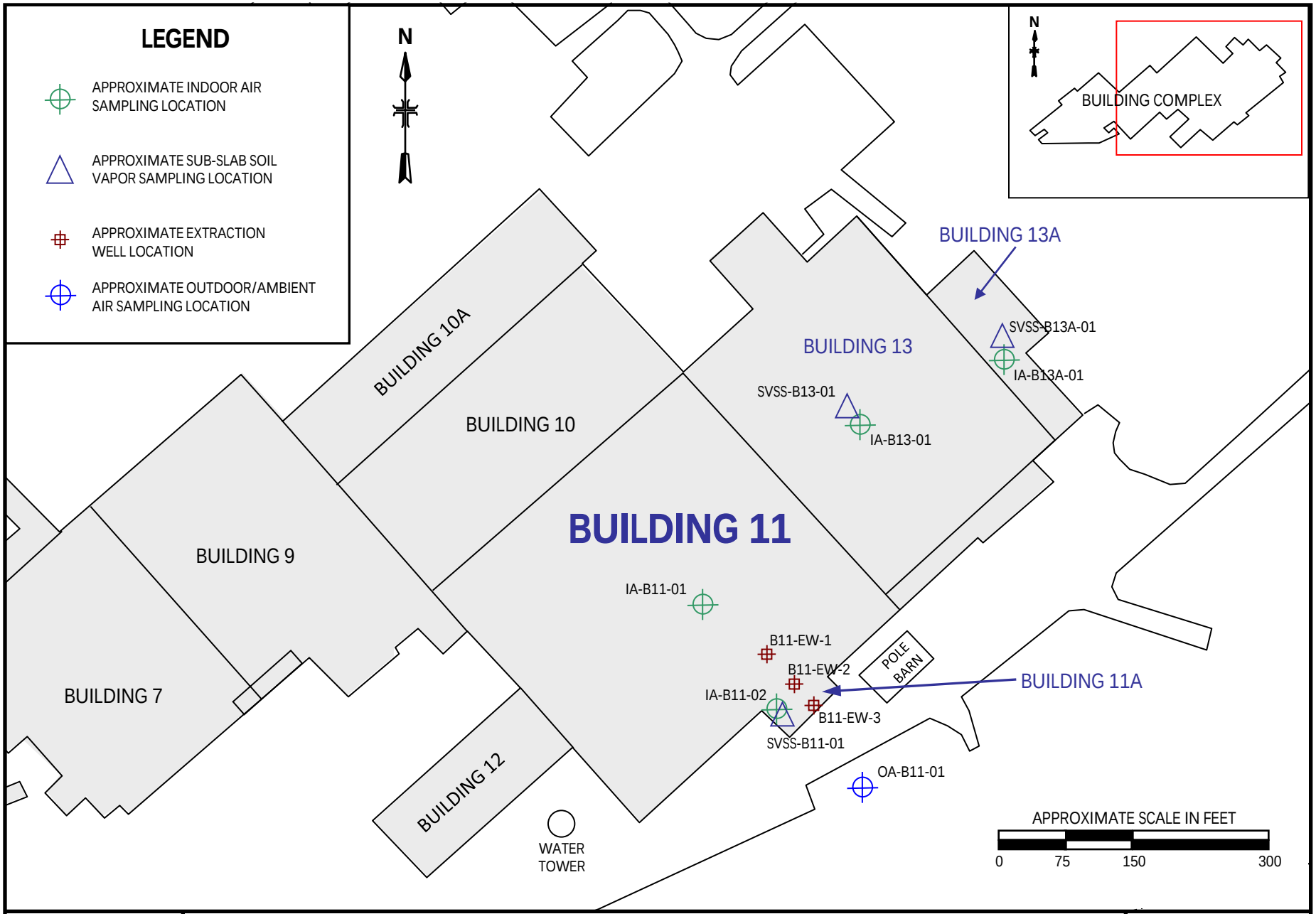
BUILDING 9 AREA SAMPLING LOCATIONS

FIGURE 2



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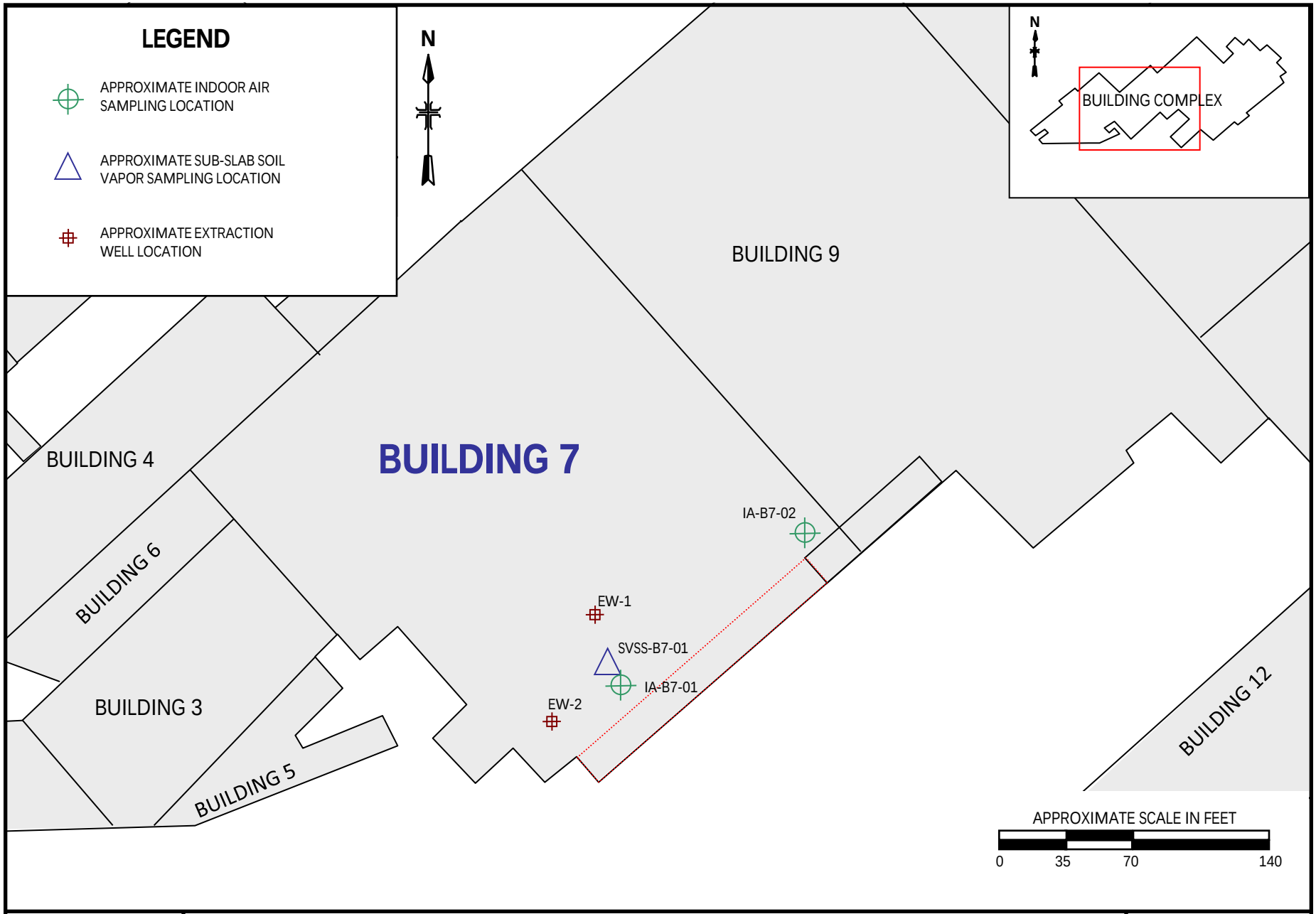
BUILDING 11 AREA SAMPLING LOCATIONS

FIGURE 3



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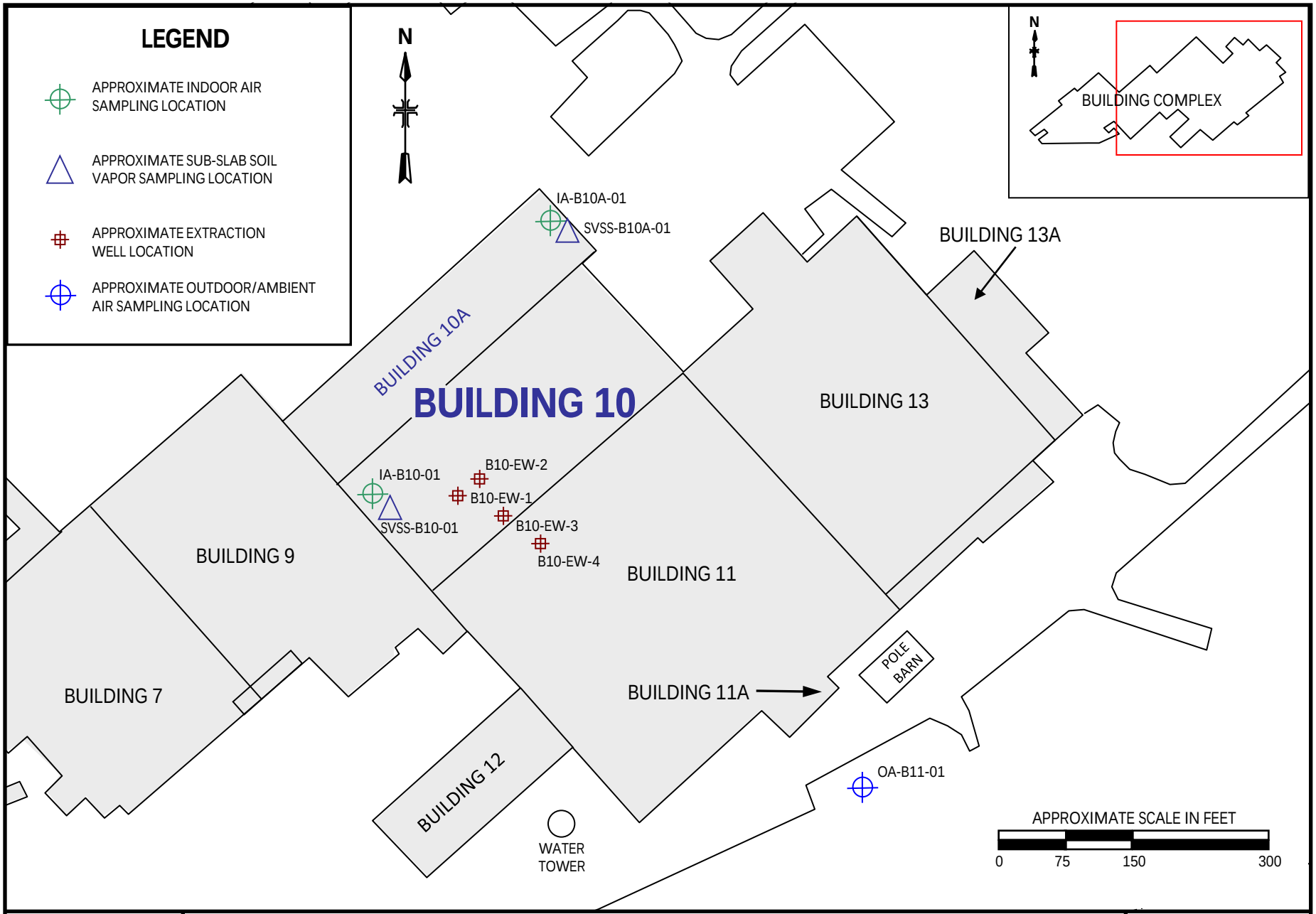
BUILDING 7 AREA SAMPLING LOCATIONS

FIGURE 4



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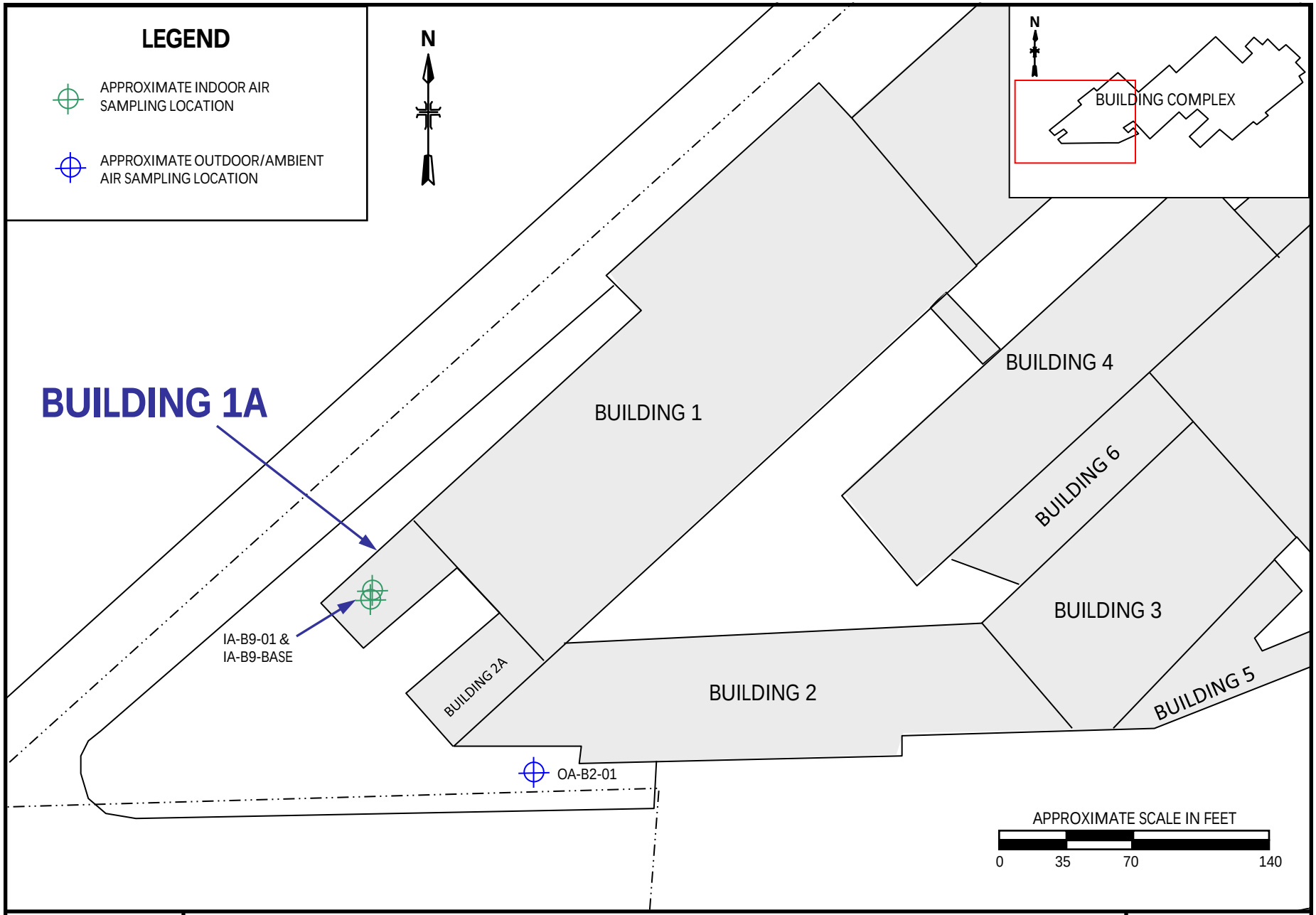
BUILDING 10 AREA SAMPLING LOCATIONS

FIGURE 5



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BUILDING 1A AREA SAMPLING LOCATIONS

FIGURE 6

Figure 7: Building 9 Area TCE Concentrations

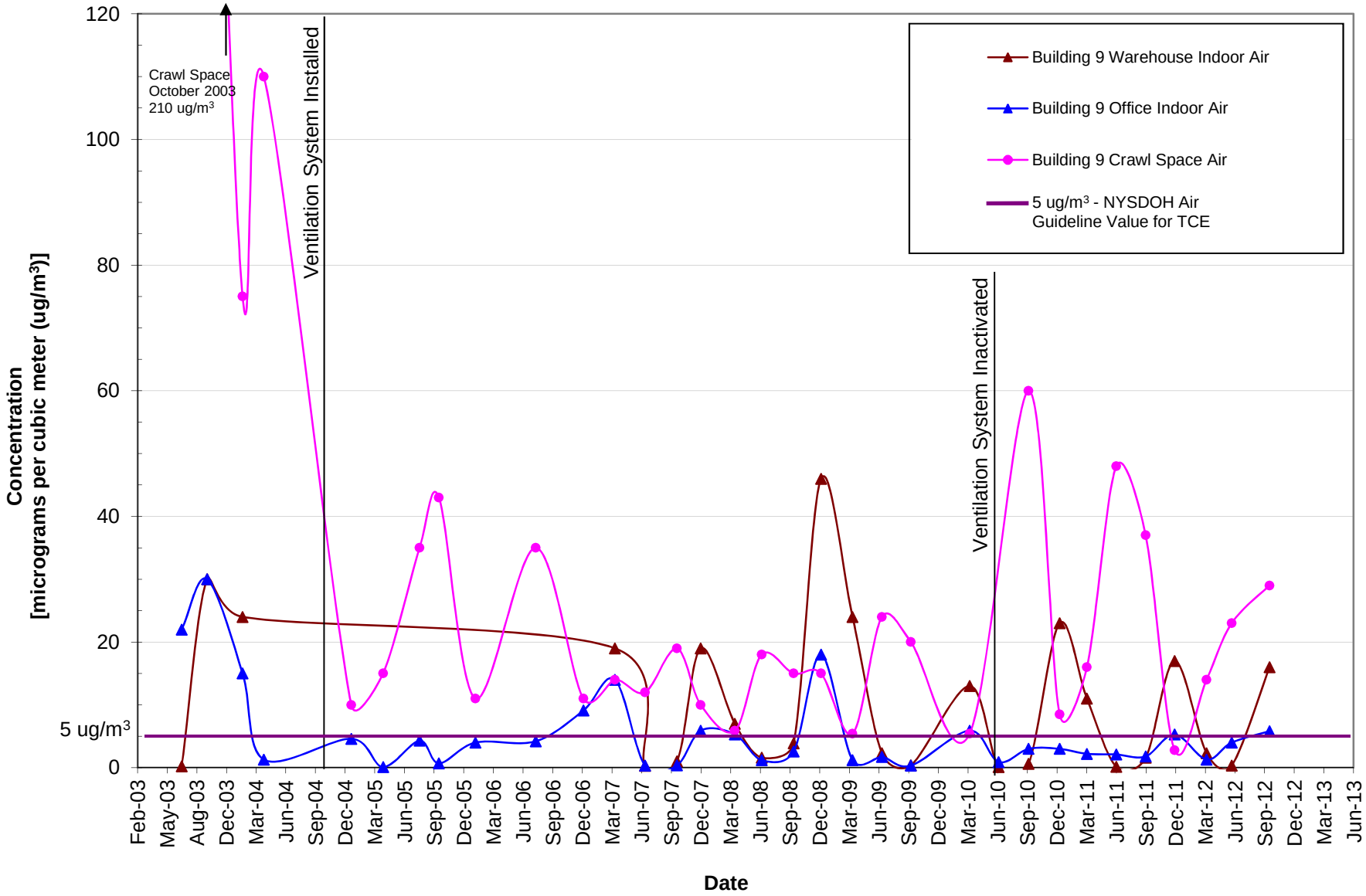


Figure 8: Building 11 Area TCE Concentrations

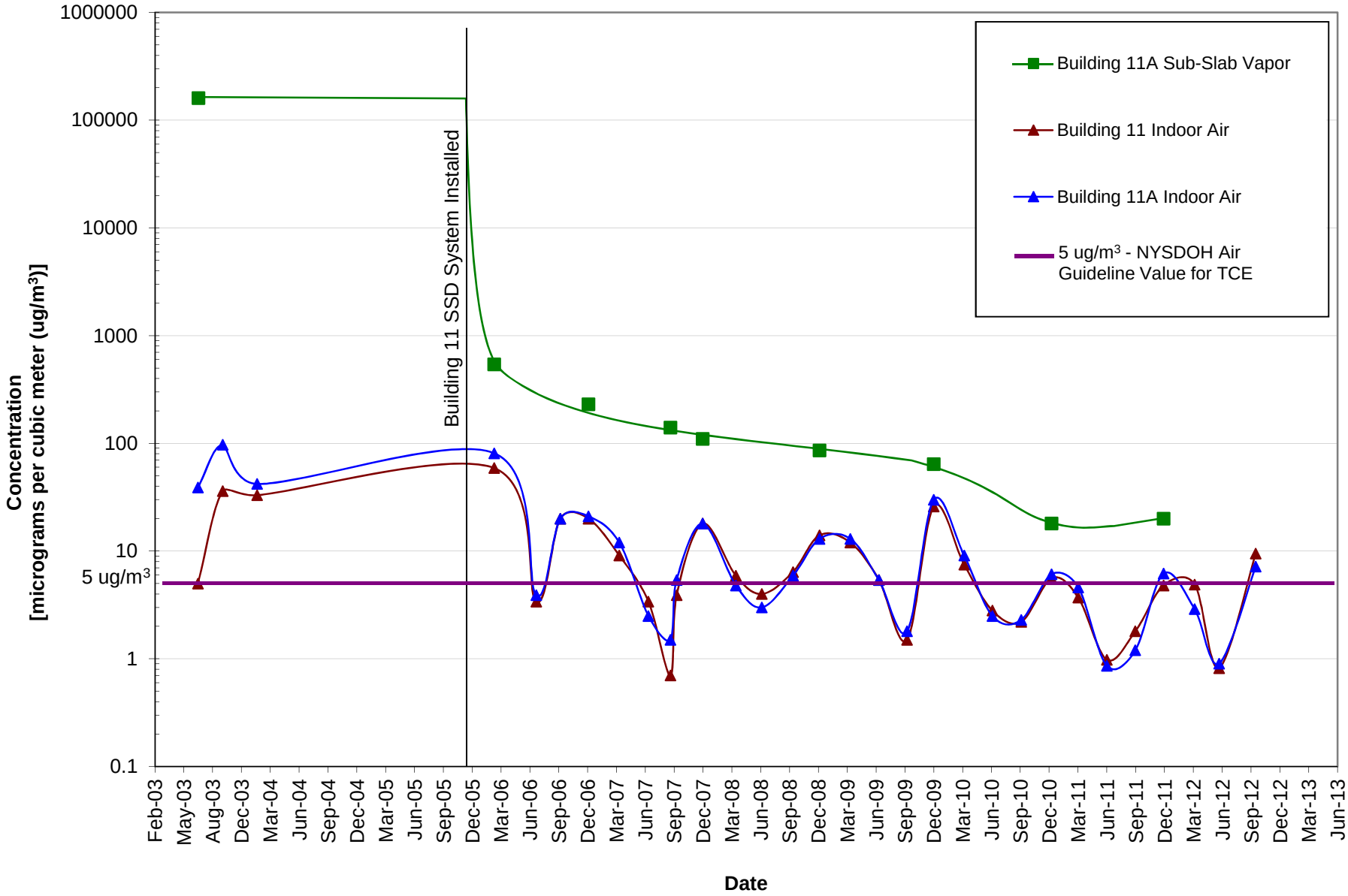


Figure 9: Building 7 Area TCE Concentrations

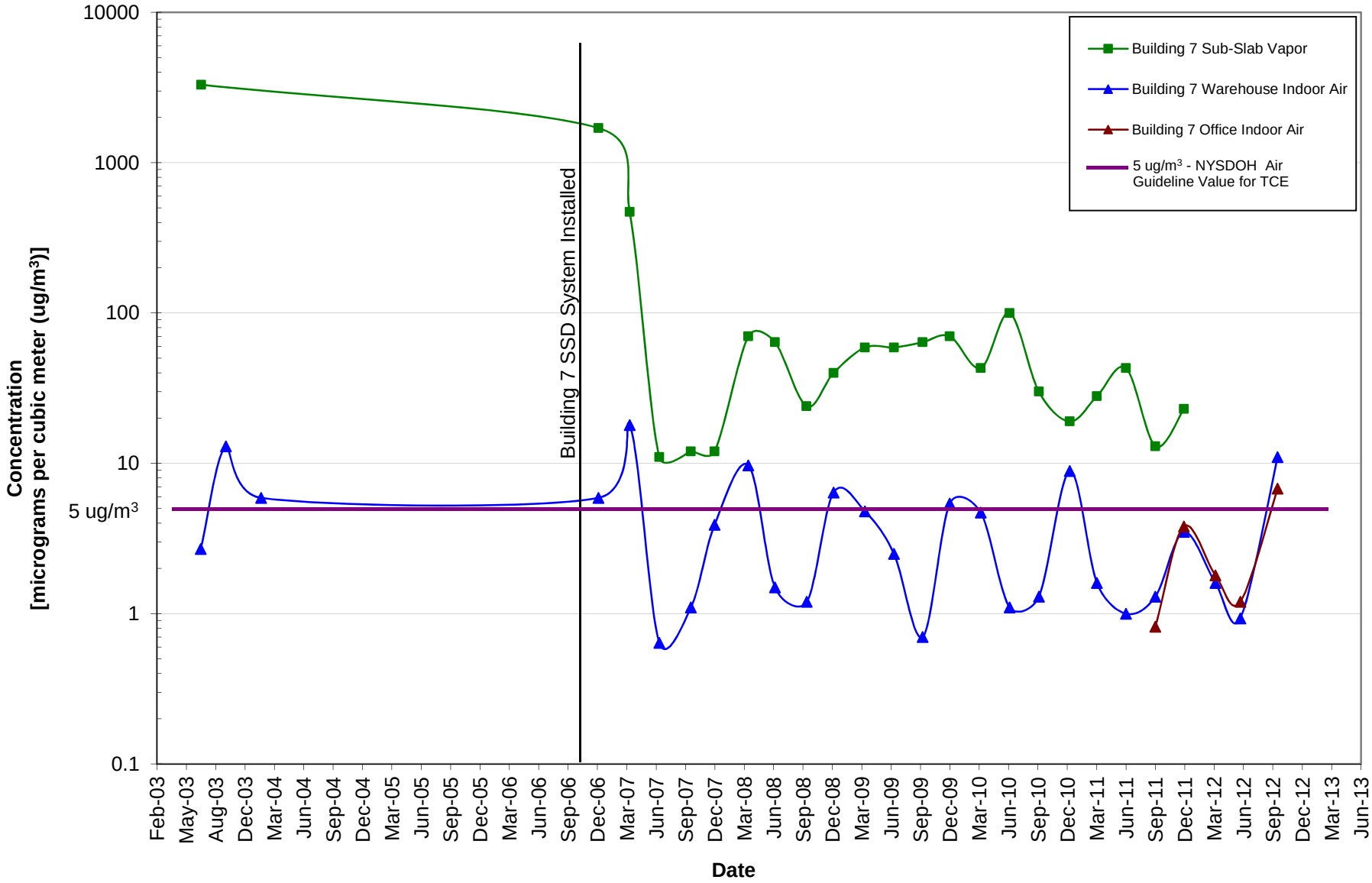


Figure 10: Building 10 Area TCE Concentrations

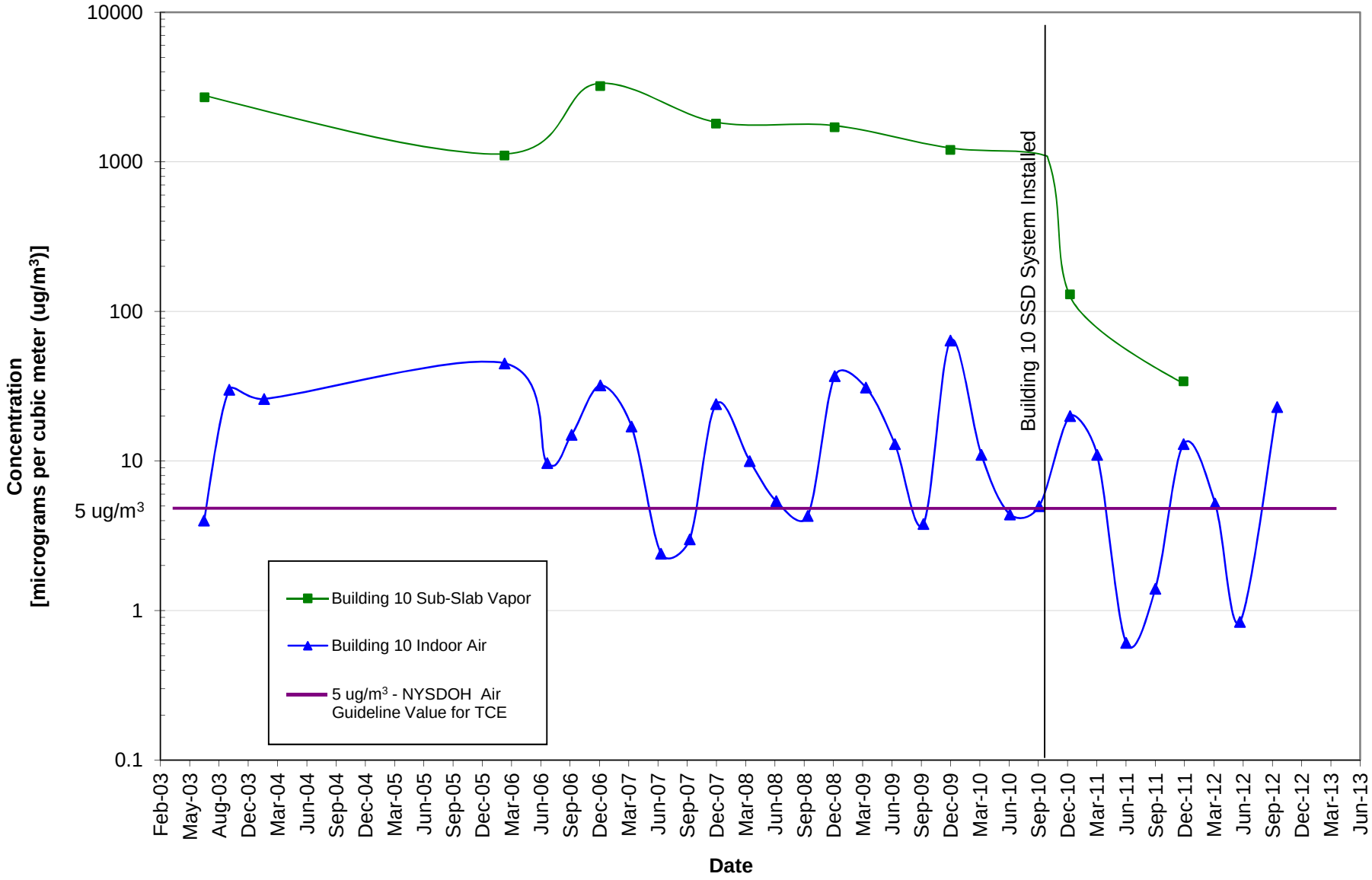
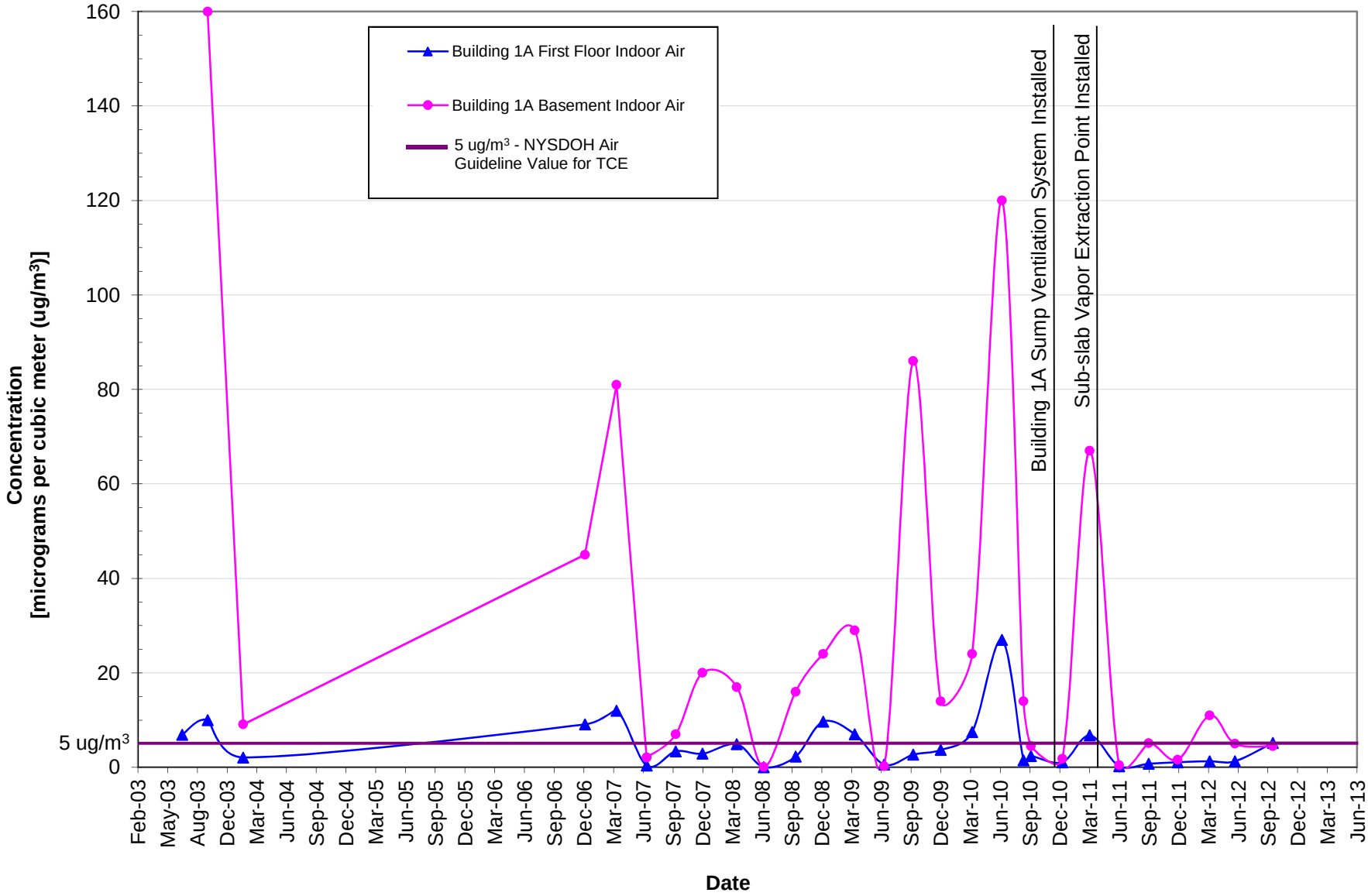


Figure 11: Building 1A Area TCE Concentrations



Attachment C
Tables

Table 1
Building 9 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	BUILDING 9 OFFICE INDOOR AIR																																		
Sample ID	IA-B9-01																																		
Date Collected	7/15/03	10/2/03	1/20/04	3/26/04	12/22/04	3/31/05	7/22/05	9/20/05	1/11/06	7/17/06	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/23/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.22	0.55 U	0.27 U	0.15 U	0.17	0.076	0.10	0.12	0.13	0.23	0.21	0.44	0.065	0.071	0.25	0.14	0.22 U	0.18	0.34	0.38	0.39	0.22 U	NS	0.27 U	0.16 U	0.11 U	0.82 U	0.055 U	0.11 U	0.084 NJ	0.11 U	0.16 U	0.11 U	0.16 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.069 U	0.069 U	0.069 U	0.14 U	0.069 U	0.21 U	0.14 U	0.27 U	0.069 U	0.069 U	0.10 U	0.14 U	0.27 U	0.069 U	0.38 UJ	0.082 U	0.34 U	0.27 U	NS	0.34 U	0.21 U	0.14 U	0.10 U	0.069 U	0.14 U	0.069 U	0.14 U	0.21 U	0.14 U	0.21 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.055 U	0.055 U	0.055 U	0.11 U	0.055 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.082 U	0.11 U	0.22 U	0.055 U	0.31 U	0.065 U	0.27 U	0.22 U	NS	0.27 U	0.16 U	0.11 U	0.082 U	0.055 U	0.11 U	0.055 U	0.11 U	0.16 U	0.11 U	0.16 U
1,1-Dichloroethane	0.080 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.081 U	0.040 U	0.12 U	0.081 U	0.16 U	0.040 U	0.040 U	0.061 U	0.081 U	0.160 U	0.040 U	0.230 U	0.049 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.081 U	0.061 U	0.040 U	0.081 U	0.040 U	0.081 U	0.12 U	0.081 U	0.12 U
1,1-Dichloroethene	0.040 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.16 U	0.040 U	0.12 U	0.079 U	0.16 U	0.040 U	0.040 U	0.059 U	0.079 U	0.160 U	0.040 U	0.220 U	0.048 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.079 U	0.059 U	0.040 U	0.079 U	0.040 U	0.079 U	0.12 U	0.079 U	0.12 U
1,2-Dichloroethane	0.087	0.40 U	0.20 U	0.093	0.077	0.049	0.04 U	0.081 U	0.093	0.34	0.16 U	0.32 U	0.081 U	0.081 U	0.12 U	0.16 U	0.32 U	0.081 U	0.45 U	0.11	0.4 U	0.32 U	NS	0.40 U	0.24 U	0.16 U	0.12 U	0.081 U	0.16 U	0.094 NJ	0.16 U	0.24 U	0.16 U	0.24 U
Benzene	1.3	2.2	2.3	2.7	2.7	0.77	2.0	1.3	3.5	3.1	2.9	3.1	0.42	0.51	1.5	1.4	0.61	0.51	2.8	1.1	1.4	0.96	NS	1.7	0.67	0.87	0.65	0.40	0.43	0.55	1.4	1.7	1.3	0.66
cis-1,2-Dichloroethene	0.22	0.67	0.2 U	0.38	0.27	0.04 U	0.16	0.16	0.17	1.1	0.27	0.52	0.040 NJ	0.040 U	0.31	0.40	0.52	0.075	0.67 NJ	0.12	0.24	0.16 U	NS	0.87	0.12 U	0.13	0.14	0.063	0.078	0.055	0.12	0.12 U	0.14 NJ	0.12 NJ
Ethylbenzene	1.4	1.1	2.7	0.91	0.87	0.28	2.9	0.96	2.0	4.0	1.3	1.1	0.43	0.32	0.52	0.48	0.69	0.43	1.4	0.43	1.5	0.91	NS	1.1	0.69	0.58	0.22	0.27	0.54	0.056	0.48	0.6	0.73	0.30
m-Xylene & p-Xylene	5	2.8	10	3.1	3.3	0.91	8.3	3.6	5.6	18.0	4.3	3.8	1.8	1	1.6	1.8	2.6	1.6	5.2	1.4	5.6	3.3	NS	4	2.5	1.9	0.69	0.78	1.6	0.087	1.6	2.0	1.8	0.91
o-Xylene	2	1.2	3.2	1.2	1.2	0.33	2.4	1.2	3.0	6.5	1.6	1.3	0.61	0.36	0.56	0.65	0.91	0.56	1.8	0.52	2.1	1.3	NS	1.4	1 J	0.7	0.25	0.26	0.65	0.043 U	0.54	0.71	0.70	0.29
Tetrachloroethene	0.77	0.68 U	0.75	0.6	3.1	0.088	0.52	2.6	0.51	8.8	2.0	2.0	0.35	0.31	1.6	0.52	1.1	1.6	0.38 U	0.16	0.34 U	0.27 U	NS	1.1	0.20 U	0.14	0.10 U	0.088	0.18	0.10	0.90	5.80	1.2	0.20 U
Toluene	9.6	4.1	11	7.5	5.7	1.4	9.4	2.9	9.4	10	6.8	4.5	1.5	1.8	3.1	4.1	11	2.8	8.3	4.1	12	14	NS	12	5.7	4.2	3.2	1.9	3.5	0.66	6.5	6.0	5.5	1.7
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.04 U	0.12 U	0.079 U	0.16 U	0.040 U	0.040 U	0.059 U	0.079 U	0.160 U	0.040 U	0.220 U	0.048 U	0.20 U	0.16 U	NS	0.20 U	0.12 U	0.079 U	0.059 U	0.040 U	0.079 U	0.040 U	0.079 U	0.12 U	0.079 U	0.12 U
Trichloroethene	22	30	15	1.3	4.6	0.12	4.3	0.70	4.0	4.2	9.1	14	0.34	0.37	5.9	5.3	1.2	2.6	18	1.2	1.7	0.34	NS	5.9	0.91	3.0	3.0	2.2	2.1	1.8	5.3	1.3	4.0	5.8
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.026 U	0.028	0.026 U	0.026 U	0.051 U	0.026 U	0.15 U	0.1 U	0.2 U	0.051 U	0.051 U	0.077 U	0.10 U	0.20 U	0.051 U	0.28 U	0.064 U	0.26 U	0.20 U	NS	0.26 U	0.15 U	0.10 U	0.077 U	0.051 U	0.10 U	0.051 U	0.10 U	0.15 U	0.10 U	0.15 U

Sample Description	BUILDING 9 CRAWL SPACE AIR																																		
Sample ID	IA-B9-CS																																		
Date Collected	7/15/03	10/2/03	1/20/04	3/26/04	12/22/04	3/31/05	7/22/05	9/20/05	1/11/06	7/17/06	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
Differential Pressure (inches water)	NA	NA	NA	NA	-0.03	-0.07	-0.15*	-0.15	-0.15	-0.15	-0.15	-0.11	-0.10	-0.08	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03	0	-0.12	0	0	0	0	0	0	0	0	0	0	0
1,1,1-Trichloroethane	NS	0.55 U	0.27 U	0.18	0.14	0.040 U	0.093	0.55 U	0.12	0.44 U	0.17	0.27	0.22 U	0.27 U	0.16 U	0.082 U	0.27 U	0.22 U	0.22 U	0.11 U	0.43 U	0.27 U	NS	0.060	NS	0.68 U	0.11 U	0.27 U	0.55 U	0.55 U	0.055 U	0.27 UJ	0.44 U	0.55 U
1,1,2,2-Tetrachloroethane	NS	0.69 U	0.34 U	0.069 U	0.069 U	0.069 U	0.069 U	0.69 U	0.069 U	0.55 U	0.21 U	0.21 U	0.27 U	0.34 U	0.21 U	0.10 U	0.34 U	0.27 U	0.27 UJ	0.14 U	0.54 U	0.34 U	NS	0.069 U	NS	0.86 U	0.14 U	0.34 U	0.69 U	0.69 U	0.069 U	0.34 UJ	0.55 U	0.69 U
1,1,2-Trichloroethane	NS	0.55 U	0.27 U	0.055 U	0.055 U	0.055 U	0.055 U	0.55 U	0.055 U	0.44 U	0.16 U	0.16 U	0.22 U	0.27 U	0.16 U	0.082 U	0.27 U	0.22 U	0.22 U	0.11 U	0.43 U	0.27 U	NS	0.055 U	NS	0.68 U	0.11 U	0.27 U	0.55 U	0.55 U	0.055 U	0.27 UJ	0.44 U	0.55 U
1,1-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	0.061 U	0.200 U	0.16 U	0.16 U	0.081 U	0.32 U	0.20 U	NS	0.040 U	NS	0.51 U	0.081 U	0.20 U	0.40 U	0.40 U	0.040 U	0.20 UJ	0.32 U	0.40 U
1,1-Dichloroethene	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.79 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.059 U	0.200 U	0.16 U	0.16 U	0.079 U	0.31 U	0.20 U	NS	0.040 U	NS	0.50 U	0.079 U	0.20 U	0.40 U	0.40 U	0.040 U	0.20 UJ	0.32 U	0.40 U
1,2-Dichloroethane	NS	0.40 U	0.20 U	0.081	0.057	0.040	0.040 U	0.40 U	0.040 U	0.65 U	0.24 U	0.24 U	0.32 U	0.40 U	0.24 U	0.12 U	0.40 U	0.32 U	0.32 U	0.16 U	0.65 U	0.40 U	NS	0.081 NJ	NS	1.0 U	0.16 U	0.40 U	0.81 U	0.81 U	0.081 U	0.40 UJ	0.65 U	0.81 U
Benzene	NS	0.64	1.6	1.7	1.7	0.51	0.96	0.96	2.4	2.9	2.8	2.1	0.13 U	0.38	1.1	1.1	0.42	0.38	1.6	0.8	1.5	0.99	NS	1.2	NS	0.99	0.489	0.45	0.39	1.7	0.22	0.66 J	0.80	0.49
cis-1,2-Dichloroethene	NS	1.6	0.95 NJ	2.4	0.24	0.19	0.87	1.1	0.29	1.2	0.29	0.56	0.44	0.48	0.21	0.23	0.87	0.18 NJ	0.31 NJ	0.18	0.39 NJ	0.40	NS	0.29	NS	0.69	0.12	0.20 U	0.42	0.40 U	0.13	0.20 UJ	0.32 U	0.40 U
Ethylbenzene	NS	0.48	1.4	0.78	0.61	0.22	1.7	0.83	1.2	3.5	1.6	0.65	0.17 U	0.24	0.32	0.38	0.56	0.25	0.78	0.28	1.4	0.69	NS	0.61	NS	0.65	0.11	0.22 U	0.52	0.43 U	0.043 U	0.58 J	0.41	0.43 U
m-Xylene & p-Xylene	NS	1.2	4.8	2.7	2.1	0.65	5.2	3.0	3.8	15	5.2	2.4	0.35 U	0.61	1.0	1.3	1.9	0.87	2.6	0.91	4.8	2.5	NS	2.4	NS	2.4	0.29	0.43 U	1.4	0.87 U	0.043 U	2.3 J	1.0	0.87 U
o-Xylene	NS	0.52	1.7	1.1	0.87	0.22	2.7	1.0	1.6	5.6	1.9	0.83	0.17 U	0.25	0.40	0.48	0.65	0.33	0.96	0.37	1.7	0.83	NS	0.87	NS	0.83	0.11	0.22 U	0.50	0.43 U	0.043 U	0.87 J	0.35	0.43 U
Tetrachloroethene	NS	0.88	0.54	3.7	1.2	0.14	0.41	1.4	0.35	4.8	1.5	1.0	0.27 U	0.55	0.75	0.23	0.62	0.37	0.27 U	0.22	0.54 U	0.34 U	NS	0.38	NS	0.85 U	0.14 U	0.34 U	0.68 U	0.68 U	0.068 U	0.87 J	0.58	0.68 U
Toluene	NS	1.3	7.2	9.8	4.1	0.90	4.5	3.0	6.4	16	7.5	3.1	0.15 U	0.87	1.9	2.8	3.5	1.8	4.5	1.7	17	5.7	NS	3.5	NS	4.5	0.71	0.44	4.6	2.5	0.091	5.8 J	2.2	0.76
trans-1,2-Dichloroethene	NS	0.40 U	0.20 U	0.040 U	0.040 U	0.040 U	0.040 U	0.40 U	0.040 U	0.32 U	0.12 U	0.12 U	0.16 U	0.20 U	0.12 U	0.059 U	0.200 U	0.16 U	0.16 U	0.079 U	0.31 U	0.20 U	NS	0.04 U	NS	0.50 U	0.079 U	0.20 U	0.40 U	0.40 U	0.040 U	0.20 UJ	0.32 U	0.40 U
Trichloroethene	NS	210	75	110	10	15	35	43	11	35	11	14	12	19	10	5.9	18	15	15	5.4	24	20	NS	5.4	NS	60	8.5	16	48	37	2.8	14 J	23	29
Vinyl chloride	NS	0.26 U	0.13 U	0.026 U	0.026 U	0.026 U	0.026 U	0.26 U	0.026 U	0.41 U	0.15 U	0.15 U	0.20 U	0.26 U	0.15 U	0.077 U	0.260 U	0.20 U	0.20 U	0.10 U	0.41 U	0.26 U	NS	0.051 U	NS	0.64 U	0.10 U	0.26 U	0.51 U	0.51 U	0.051 U	0.26 UJ	0.41 U	0.51 U

Sample Description	BUILDING 9 WAREHOUSE INDOOR AIR																																		
Sample ID	IA-B9-02																																		
Date Collected	7/15/03	10/2/03	1/20/04	3/26/04	12/22/04	3/31/05	7/22/05	9/20/05	1/11/06	7/17/06	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.15	0.55 U	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	0.49	0.055 U	0.060	0.33 U	0.14	0.10	0.11 U	0.55 U	0.43 U	0.43 U	0.065	0.87 U	0.22 U	0.055 U	0.068 U	0.34 U	0.11	0.055 U	0.36	0.22 U	0.22 U	0.27 U	0.43 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	NS	NS	NS	NS	NS	NS	NS	NS	0.34 U	0.069 U	0.069 U	0.41 U	0.14 U	0.069 U	0.14 U	0.69 UJ	0.54 U	0.54 U	0.069 U	1.1 U	0.27 U	0.069 U	0.086 U	0.43 U	0.14 U	0.069 U	0.069 U	0.27 U	0.27 U	0.34 U	0.55 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.41 U	NS	NS	NS	NS	NS	NS	NS	NS	0.27 U	0.055 U	0.055 U	0.33 U	0.11 U	0.055 U	0.11 U	0.55 U	0.43 U	0.43 U	0.055 U	0.87 U	0.22 U	0.055 U	0.068 U	0.34 U	0.11 U	0.055 U	0.055 U	0.22 U	0.22 U	0.27 U	0.43 U
1,1-Dichloroethane	0.080 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.081 U	0.040 U	0.081 U	0.40 U	0.32 U	0.32 U	0.040 U	0.65 U	0.16 U	0.040 U	0.051 U	0.25 U	0.081 U	0.040 U	0.040 U	0.16 U	0.16 U	0.20 U	0.32 U
1,1-Dichloroethene	0.040 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.079 U	0.040 U	0.079 U	0.40 U	0.31 U	0.31 U	0.040 U	0.63 U	0.16 U	0.040 U	0.050 U	0.25 U	0.079 U	0.040 U	0.50	0.16 U	0.16 U	0.20 U	0.31 U
1,2-Dichloroethane	0.080 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	0.40 U	0.081 U	0.081 U	0.49 U	0.16 U	0.081 U	0.16 U	0.81 U	0.65	0.65 U	0.081 U	1.3 U	0.32 U	0.081 U	0.10 U	0.51 U	0.16 U	0.081 U	0.081 U	0.32 U	0.32 U	0.40 U	0.64 U
Benzene	1.1	3.1	5.1	NS	NS	NS	NS	NS	NS	NS	NS	3.8	0.45	0.51	2.5	0.83	0.58	0.83	4.8	3.8 U	3.5	1.2	2.4	2.8	0.38	3.0	3.1	3.3	0.62	0.70	1.1	3.5	1.1	1.1
cis-1,2-Dichloroethene	0.056 U	2.2	3.0	NS	NS	NS	NS	NS	NS	NS	NS	0.87	0.083 NJ	0.040 U	0.99	1.1	0.79	0.14	1.8 NJ	1.1	0.79	0.04 U	1.7	1.9	0.040 U	0.11	1.7	0.67	0.040 U	0.60	0.49	0.17	0.20 U	0.33 NJ
Ethylbenzene	0.35	0.65	16	NS	NS	NS	NS	NS	NS	NS	NS	1.1	0.48	0.20	0.74	0.087 U	0.83	0.52	2.0	1.1	3.5	0.40	0.87	1.5	0.16	0.73	0.67	1.6	0.54	0.66	0.17 U	1.4	0.81	0.69
m-Xylene & p-Xylene	0.93	1.7	65	NS	NS	NS	NS	NS	NS	NS	NS	3.6	1.4	0.43	2.4	0.17 U	2.8	1.7	6.9	3.3	12	1.2	2.9	5.6	0.48	2.2	2.0	3.6	0.98	1.2	0.17 U	3.8	1.1	1.6
o-Xylene	0.34	0.61	16	NS	NS	NS	NS	NS	NS	NS	NS	1.1	0.37	0.15	0.87	0.087 U	0.91	0.56	2.7	1.2	4.0	0.40	1.0	1.9	0.21 J	0.72	0.76	1.2	0.35	0.42	0.17 U	1.3	0.43	0.76
Tetrachloroethene	1.9	2.0	7.5	NS	NS	NS	NS	NS	NS	NS	NS	2.8	0.39	0.21	5.5	0.14	0.56	12	0.68 U	0.54 U	0.75	0.11	1.1 U	2.0	0.088	0.12	0.68	0.58	0.19	0.13	1.7	14	7.6	0.54 U
Toluene	2.1	2.4	9.8	NS	NS	NS	NS	NS	NS	NS	NS	3.8	2.1	0.83	4.5	0.21	2.3	3.0	12	6.8	26	1.9	4.1	5.3	0.68	4.6	3.7	4.1	0.99	1.5	0.43	5.6	1.6	1.5
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	NS	NS	NS	NS	NS	NS	NS	NS	0.20 U	0.040 U	0.040 U	0.24 U	0.079 U	0.040 U	0.079 U	0.40 U	0.31 U	0.31 U	0.04 U	0.63 U	0.16 U	0.040 U	0.050 U	0.25 U	0.079 U	0.040 U	0.040 U	0.16 U	0.16 U	0.20 U	0.31 U
Trichloroethene	0.22	30	24	NS	NS	NS	NS	NS	NS	NS	NS	19	0.30	1.0	19	7.0	1.6	3.9	46	24	2.3	0.39	51	13	0.091	0.63	23	11	0.15	1.6	17	2.3	0.35	16
Vinyl chloride	0.020 U	0.26 U	0.19 U	NS	NS	NS	NS	NS	NS	NS	NS	0.26 U	0.051 U	0.051 U	0.31 U	0.10 U	0.051 U	0.1 U	0.51 U	0.41 U	0.41 U	0.051 U	0.82 U	0.20 U	0.051 U	0.064 U	0.32 U	0.10 U	0.051 U	0.051 U	0.20 U	0.20 U	0.26 U	0.41 U

Notes:

All values are shown in units of micrograms per cubic meter (mg/m^3).
U - Not detected above reporting limit
E - Estimated
NA - Not Applicable
NJ - Tentative in identification and estimated
NS - Not Sampled
* - This differential pressure was maintained during the sampling event, but the ventilation system operated intermittenly and was inoperable for one week prior to the sampling event.

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	BUILDING 11 INDOOR AIR																														
Sample ID	IA-B11-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	8/30/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.29	2.0	0.65	0.65	0.24	0.40	0.82	0.87	0.25	0.093	0.15	0.87 J	0.25	0.25	0.16	0.60	0.22 U	0.37	0.14	0.55	0.37	0.12	0.11 NJ	0.34	0.34	0.15 U	0.13 NJ	0.28	0.14 U	0.27 U	0.36
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.51 U	0.069 U	0.27 U	0.34 U	0.27 U	0.21 U	0.10 U	0.069 U	0.069 U	0.34 U	0.12 U	0.12 U	0.10 U	0.21 UJ	0.27 U	0.43 U	0.069 U	0.62 U	0.14 U	0.082 U	0.11 U	0.14 U	0.14 U	0.19 U	0.069 U	0.14 U	0.17 U	0.34 U	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	0.34 U	0.055 U	0.50 U	0.11 U	0.065 U	0.091 U	0.11 U	0.11 U	0.15 U	0.055 U	0.11 U	0.14 U	0.27 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	0.25 U	0.04 U	0.37 U	0.081 U	0.049 U	0.068 U	0.81 U	0.081 U	0.11 U	0.04 U	0.081 U	0.10 U	0.20 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	0.25 U	0.04 U	0.36 U	0.12	0.048 U	0.066 U	0.79 U	0.094	0.11 U	0.04 U	0.079 U	0.099 U	0.20 U	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	0.49 U	0.081 U	0.73 U	0.16 U	0.10 U	0.14 U	0.16 U	0.16 U	0.23 U	0.081 U	0.16 U	0.20 U	0.40 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	3.1	1.5	2.4	1.9	0.99	1.7	2.4	1.9	0.99	1.5	1.3	2.2	2.1	1.3
cis-1,2-Dichloroethene	0.55	4.8	2.5	1.6	0.91	0.83 NJ	1.6	1.5	1.2	0.25	0.52	2.3	1.2	2.1	0.95	1.9	2.1	2.6	0.35	3.2	3.3	1.0	0.78	1.2	1.1	0.47	0.52	0.65	0.75	0.59	0.66
Ethylbenzene	1.4	1.0	3.0	1.9	1.6	0.74	2.6	1.1	0.69	0.52	0.30	1.0	0.91	1.80	0.19	1.1	3.2	3.6	0.96	1.5	2.7	1.1	0.83	0.63	1.1	1.5	1	1.2	3.6	4.4	0.75
m,p-Xylene	3.5	3.0	11	4.3	7.4	2.2	7.4	4.3	2.2	1.4	0.91	3.7	3.5	6.9	0.25	3.8	13	13	3.5	5.6	12	4.3	3.2	2.3	4.2	5.9	3.8	4.5	11	2.5	2.9
o-Xylene	1.2	1.0	2.9	2.6	2.9	0.83	2.4	1.4	0.83	0.52	0.31	1.3	1.2	2.3	0.078	1.3	4.3	4.8	1.3	2.0	4.3	1.5 J	1.1	0.85	1.6	2.3	1.4	1.7	3.9	1.1	1.0
Tetrachloroethene	7.8	6.8	4.7	6.6	14	6.0	6.4	3.5	7.5	1.8	0.75	8.8	1.5	2.7	1.8	0.64	0.75	1.2	0.37	0.62 U	0.68	0.42	0.82	1.1	1.3	1.6	0.49	2.9	2.5	0.83	0.27 U
Toluene	12	11	6.0	5.3 J	3.7	3.6	11	7.5	2.2	1.5	1.2	5.3	5.3	2.5	1.4	5.3	7.9	17	3.4	6.0	5.7	3.0	4.6	2.6	2.7	4.5	2	1.9	5.4	4.6	0.92
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.30 U	0.040 U	0.16 U	0.20 U	0.16 U	0.12 U	0.059 U	0.04 U	0.040 U	0.20 U	0.067 U	0.067 U	0.059 U	0.12 U	0.16 U	0.25 U	0.04 U	0.36 U	0.079 U	0.048 U	0.066 U	0.79 U	0.079 U	0.110 U	0.040 U	0.079 U	0.099 U	0.20 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	5.4	1.5	26	7.5	2.8	2.2	5.6	3.7	0.98	1.8	4.8	4.9	0.82	9.5
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	0.064 U	0.085 U	0.10 U	0.10 U	0.14 U	0.05 U	0.10 U	0.13 U	0.26 U	0.20 U

Sample Description	BUILDING 11A INDOOR AIR																														
Sample ID	IA-B11-02																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	8/30/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.56	2.2	0.65	0.65	0.23	0.49	0.87	0.98	0.22	0.11	0.21	0.82 J	0.23	0.21	0.15	0.49	0.19 NJ	0.51	0.12	0.65	0.40	0.14	0.11 U	0.39	0.43	0.079 NJ	0.11 NJ	0.35	0.14 U	0.27 U	0.36
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.21 U	0.34 U	0.27 U	0.21 U	0.096 U	0.069 U	0.10 U	0.34 U	0.21 U	0.21 U	0.10 U	0.27 UJ	0.23 U	0.43 U	0.10 U	0.62 U	0.14 U	0.069 U	0.14 U	0.10 U	0.14 U	0.069 U	0.069 U	0.10 U	0.17 U	0.34 U	0.27 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.16 U	0.27 U	0.22 U	0.16 U	0.076 U	0.055 U	0.082 U	0.27 U	0.16 U	0.16 U	0.082 U	0.22 U	0.18 U	0.34 U	0.082 U	0.50 U	0.11 U	0.055 U	0.11 U	0.082 U	0.11 U	0.055 U	0.055 U	0.082 U	0.14 U	0.27 U	0.22 U
1,1-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 UJ	0.12 U	0.20 U	0.16 U	0.12 U	0.057 U	0.04 U	0.061 U	0.20 U	0.12 U	0.12 U	0.061 U	0.16 U	0.13 U	0.25 U	0.061 U	0.37 U	0.081 U	0.040 U	0.081 U	0.061 U	0.081 U	0.040 U	0.040 U	0.061 U	0.10 U	0.20 U	0.16 U
1,1-Dichloroethene	0.04 U	0.40 U	0.20 U	0.079	0.12 U	0.20 U	0.16 U	0.12 U	0.056 U	0.04 U	0.059 U	0.20 U	0.12 U	0.12 U	0.059 U	0.16 U	0.13 U	0.40 NJ	0.059 U	0.36 U	0.13	0.040 U	0.079 U	0.11 U	0.13 U	0.04 U	0.04 U	0.085 NJ	0.099 U	0.20 U	0.16 U
1,2-Dichloroethane	0.08 U	0.40 U	0.20 U	0.040 U	0.24 U	0.40 U	0.32 U	0.24 U	0.12 U	0.081 U	0.12 U	0.40 U	0.24 U	0.24 U	0.12 U	0.32 U	0.27 U	0.49 U	0.12 U	0.73 U	0.16 U	0.085 NJ	0.16 U	0.12 U	0.16 U	0.081 U	0.081 U	0.12 U	0.20 U	0.40 U	0.32 U
Benzene	1.6	3.5	3.0	4.2	1.9	2.9	7.3	4.8	1.2	0.61	0.80	3.8	3.1	1.1	1.2	3.2	4.5	1.9	1.3	2.8	2.3	1.2	1.6	2.8	2.4	0.8	1.1	1.4	1.4	2.5	1.1
cis-1,2-Dichloroethene	1.8	5.6	3.0	1.5	1.1	1.1 NJ	2.0	1.7	0.71	0.39	0.79	2.3	1.1	1.3	0.87	2.1	2.3	0.95 NJ	0.30	3.5	3.8	1.3	0.90	1.2	1.4	0.38	0.34	0.84	0.44	0.50	0.62
Ethylbenzene	4.7	1.0	3.0	2.0	1.8	0.91	2.6	1.3	0.87	0.74	0.52	1.1	1.0	2.2 NJ	1.0	1.4	3.3	2.4 J	0.87	1.4	3.3	1.7	0.86	0.72	1.3	1.7	0.86	1.5 J	2.8	4.1	0.79
m,p-Xylene	15	3.2	12	6.9 J	6.9	2.8	6.9	4.8	2.9	2.4	2.0	4.1	3.8	8.7	4.0	5.2	13	7.8 J	3.2	5.6	15	7.8	3.3	2.6	5.2	6	3.2	5.7 J	8.3	4.0	3.0
o-Xylene	3.7	1.0	3.0	3.0 J	2.9	1.1	2.3	1.6	1.0	0.78	0.61	1.4	1.3	2.8	1.7	1.8	4.2	2.3 J	1.2	2.0	5.2	2.8 J	1.1	0.89	1.9	2.2	1.2	2.2 J	2.9	1.6	1.0
Tetrachloroethene	18	8.1	5.4	14 J	14	6.8	6.8	4.5	5.6	3	1.3	8.8	1.3	1.2	0.75	0.68	0.81	0.81	0.31	0.62 U	0.81	0.59	0.93	1.3	1.6	1.3	0.38	3.6 J	1.7	1.5	0.27 U
Toluene	10	9.8	6	7.5 J	4.5	3.8	9.8	7.9	2.9	2.1	2.1	7.5	7.9	2.9	3.0	6.8	9.0	11	3.2	6.0	6.8	3.8 J	4.8	3.3	3.3	2.7	1.3	2.4 J	4.8	4.6	0.99
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.040 U	0.12 U	0.20 U	0.16 U	0.12 U	0.056 U	0.04 U	0.059 U	0.20 U	0.12 U	0.12 U	0.059 U	0.16 U	0.13 U	0.25 U	0.12	0.36 U	0.079 U	0.040 U	0.079 U	0.059 U	0.079 U	0.040 U	0.040 U	0.059 U	0.099 U	0.20 U	0.16 U
Trichloroethene	39	97	42	81	3.9	20	21	12	2.5	1.5	5.4	18	4.8	3.0	5.9	13	13	5.4	1.8	30	9.1	2.5	2.3	6.1	4.6	0.86	1.2	6.2	2.9	0.90	7.2
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.072 J	0.15 U	0.26 U	0.20 U	0.15 U	0.074 U	0.051 U	0.077 U	0.26 U	0.15 U	0.15 U	0.077 U	0.20 U	0.17 U	0.31 U	0.077 U	0.46 U	0.10 U	0.051 U	0.10 U	0.77 U	0.10 U	0.05 U	0.05 U	0.077 U	0.13 U	0.26 U	0.20 U

Sample Description	BUILDING 11A SUB-SLAB VAPOR																														
Sample ID	SVSS-B11-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	8/30/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	1900 U	NS	NS	11 U	NS	NS	1.6 U	NS	NS	1.1 U	1.6 U	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS
1,1,2,2-Tetrachloroethane	2400 U	NS	NS	14 U	NS	NS	2.1 U	NS	NS	1.4 U	2.1 U	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS
1,1,2-Trichloroethane	1900 U	NS	NS	11 U	NS	NS	1.6 U	NS	NS	1.1 U	1.6 U	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS
1,1-Dichloroethane	1400 U	NS	NS	8.1 U	NS	NS	1.2 U	NS	NS	0.81 U	1.2 U	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS
1,1-Dichloroethene	1400 U	NS	NS	7.9 U	NS	NS	1.2 U	NS	NS	0.79 U	1.2 U	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
1,2-Dichloroethane	1400 U	NS	NS	8.1 U	NS	NS	1.2 U	NS	NS	0.81 U	1.2 U	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS
Benzene	1100 U	NS	NS	6.4 U	NS	NS	0.96 U	NS	NS	0.64 U	0.96 U	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	2.2	NS	NS	NS	0.64	NS	NS	NS
cis-1,2-Dichloroethene	2600	NS	NS	11	NS	NS	12	NS	NS	6.7	17	10	NS	NS	NS	11	NS	NS	NS	5.2	NS	NS	NS	2.2	NS	NS	NS	1.7	NS	NS	NS
Ethylbenzene	1500 U	NS	NS	8.7 U	NS	NS	1.3 U	NS	NS	0.87 U	1.3 U	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87	NS	NS	NS	0.87 U	NS	NS	NS
m,p-Xylene	1500 U	NS	NS	22 U	NS	NS	3.3 U	NS	NS	2.2 U	3.3 U	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2	NS	NS	NS	2.2 U	NS	NS	NS
o-Xylene	1600 U	NS	NS	8.7 U	NS	NS	1.3 U	NS	NS	0.87 U	1.3 U	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS
Tetrachloroethene	3700	NS	NS	31	NS	NS	18	NS	NS	16	20	12	NS	NS	NS	6.1	NS	NS	NS	5.6	NS	NS	NS	2.5	NS	NS	NS	4.3	NS	NS	NS
Toluene	1300 U	NS	NS	7.5 U	NS	NS	3.4 J	NS	NS	0.75 U	1.1 U	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	3.8	NS	NS	NS	1.3	NS	NS	NS
trans-1,2-Dichloroethene	1400 U	NS	NS	7.9 U	NS	NS	1.2 U	NS	NS	0.79 U	1.2 U	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
Trichloroethene	160000	NS	NS	540	NS	NS	230	NS	NS	140	240	110	NS	NS	NS	86	NS	NS	NS	64	NS	NS	NS	18	NS	NS	NS	20	NS	NS	NS
Vinyl chloride	900 U	NS	NS	5.1 U	NS	NS	0.77 U	NS	NS	0.51 U	0.77 U	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS

Notes:

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

U - Not detected above reporting limit

J - Estimated

NJ - Tentative in identification and estimated

NS - Not Sampled

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	BUILDING 13 INDOOR AIR																													
Sample ID	IA-B13-01																													
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.55	2.8	1.0	1.0	0.22 U	1.6	1.1	0.82	0.38	0.45	0.87 J	0.20	0.21	1.6	1.4	0.65	0.53	0.39	1.4	1.2	0.93	0.27 J	0.59	0.72	0.21	0.82	0.68	0.39	0.27 U	0.6
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.14 U	0.069 U	0.27 U	0.21 U	0.27 U	0.14 U	0.10 U	0.14 U	0.27 U	0.12 U	0.12 U	0.10 U	0.14 UJ	0.14 U	0.27 U	0.14 U	0.069 U	0.069 U	0.14 U	0.27 UJ	0.14 U	0.069 U	0.10 U	0.069 U	0.069 U	0.34 U	0.34 U	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	0.22 U	0.11 U	0.055 U	0.055 U	0.110 U	0.22 UJ	0.11 U	0.055 U	0.082 U	0.055 U	0.055 U	0.27 U	0.27 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	0.16 U	0.081 U	0.053	0.049	0.081 U	0.16 UJ	0.081 U	0.040 U	0.061 U	0.04 U	0.040 U	0.20 U	0.20 U	0.08 U
1,1-Dichloroethene	0.044	0.52	0.23	0.14	0.16 U	0.12 U	0.16 U	0.17 J	0.067	0.079 U	0.16 U	0.067 U	0.079	0.39	0.29 NJ	0.14	0.27	0.079 U	0.40	0.34	0.31	0.16 UJ	0.21	0.18	0.058	0.15	0.22 NJ	0.20 U	0.20 U	0.20
1,2-Dichloroethane	0.080 U	0.20 U	0.12	0.040 U	0.32 U	0.24 U	0.32 U	0.16 U	0.12 U	0.16 U	0.32 U	0.14 U	0.13 U	0.12 U	0.16 U	0.16 U	0.32 U	0.16 U	0.081 U	0.081 U	0.16 U	0.32 UJ	0.16 U	0.081 U	0.12 U	0.081 U	0.085 U	0.40 U	0.40 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	1.9	2.2	0.48	0.73	1.5	3.5 J	2.1	0.79	2.2	1.7	1.3	2.1	1.5	0.68
cis-1,2-Dichloroethene	1.1	4.0	2.1	1.1	0.44	1.5 NJ	2.1	0.83	0.95	1.3	1.7	0.48	0.52	0.63	0.56	1.3	0.95	0.95	0.19	0.33	1.3	1.1 J	0.25	0.44	0.39	0.97	0.25 NJ	0.61	0.20 U	0.46
Ethylbenzene	2.4	0.69	0.74	3.9	4.2	2.9	3.6	1.3	2.0	2.0	1.3	0.83	2.9 NJ	0.96	0.74	1.4	2.6	1.8	0.16	0.48	2.1	1.3 J	0.54	0.45	1.4	1.8	1.3	7.1	9.4	0.55
m,p-Xylene	7.5	2.0	2.6	9.6	19	10	9.1	4.3	6.5	6.9	4.3	3.0	11 EJ	3.5	2.3	5.2	8.7	6.9	0.52	1.7	7.8	4.6 J	1.6	1.7	5.0	7.1	2.5	3.0	1.5	2.2
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	2.6	2.2	0.18	0.56	2.4 J	1.5 J	0.58	0.60	1.5	2.5	1.0 NJ	1.6 NJ	1.3	0.72
Tetrachloroethene	19	4.8	2.6	3.8	5.2	9.5	7.5	1.8	4.5	1.3	7.5	0.61	8.1	0.31	0.22	0.63	0.75	0.66	0.068 U	0.16	0.51	1.2 J	0.54	0.67	2.2	1.2	1.4	0.90	0.34	0.14 U
Toluene	11	3.8	3.1	6.8 J	4.1	5.7	9.8	7.5 EJ	4.1	2.9	6.0	3.7	3.3	3.8	3.8	5.3	11	6.4	0.60	2.1	4.5	7.3 J	5.2	1.3	4.6	3	3.5	9.8	7.9	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	0.079 U	0.16 UJ	0.079 U	0.040 U	0.059 U	0.040 U	0.040 U	0.20 U	0.20 U	0.08 U
Trichloroethene	11	13	8.6	41	1.6	16	21	5.4	2.6	6.4	12	2.6	1.5	4.1	5.2	7.5	5.4	3.5	2.4	1.8	6.4	3.7 J	6.9	2.1	1.5	2.8	3.1	3.9	0.53	3.3
Vinyl chloride	0.026	0.13 U	0.051 U	0.056 J	0.2 U	0.15 U	0.20 U	0.10 U	0.077 U	0.10 U	0.20 U	0.087 U	0.084 U	0.077 U	0.10 U	0.10 U	0.20 U	0.10 U	0.051 U	0.051 U	0.10 U	0.20 UJ	0.10 U	0.051 U	0.077 U	0.051 U	0.051 U	0.26 U	0.26 U	0.1 U

Building Number	BUILDING 13 SUB-SLAB VAPOR																													
Sample ID	SVSS-B13-01																													
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	18	NS	NS	11 U	NS	NS	8.2	NS	NS	NS	3.9	NS	NS	NS	3.5	NS	NS	NS	3.2	NS	NS	NS	2.1	NS	NS	NS	5.5 U	NS	NS	NS
1,1,2,2-Tetrachloroethane	0.14 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	6.9 U	NS	NS	NS
1,1,2-Trichloroethane	0.1 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	5.5 U	NS	NS	NS
1,1-Dichloroethane	0.08 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	4.0 U	NS	NS	NS
1,1-Dichloroethene	0.04 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	4.0 U	NS	NS	NS
1,2-Dichloroethane	0.08 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	4.0 U	NS	NS	NS
Benzene	3.6	NS	NS	6.4 U	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.67	NS	NS	NS	0.64 U	NS	NS	NS	0.68	NS	NS	NS	3.2 U	NS	NS	NS
cis-1,2-Dichloroethene	0.056 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	4.0 U	NS	NS	NS
Ethylbenzene	1.5	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	4.3 U	NS	NS	NS
m,p-Xylene	22	NS	NS	22 U	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	11 U	NS	NS	NS
o-Xylene	6.6	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	4.3 U	NS	NS	NS
Tetrachloroethene	37	NS	NS	14 U	NS	NS	13	NS	NS	NS	5.8	NS	NS	NS	3.5	NS	NS	NS	3.3	NS	NS	NS	2.6	NS	NS	NS	6.8 U	NS	NS	NS
Toluene	11	NS	NS	7.5 U	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	1.3	NS	NS	NS	0.75 U	NS	NS	NS	1.1	NS	NS	NS	3.8 U	NS	NS	NS
trans-1,2-Dichloroethene	0.056 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	4.0 U	NS	NS	NS
Trichloroethene	2.8	NS	NS	11 U	NS	NS	1.3	NS	NS	NS	1.1	NS	NS	NS	1.6	NS	NS	NS	1.1	NS	NS	NS	2.1	NS	NS	NS	5.4 U	NS	NS	NS
Vinyl chloride	0.02 U	NS	NS	5.1 U	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	2.6 U	NS	NS	NS

Notes:

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

U - Not detected above reporting limit

J - Estimated

E - Result exceeded upper limit of calibration range

NJ - Tentative in identification and estimated

NS - Not Sampled

Table 2
Building 11 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	BUILDING 13A INDOOR AIR																														
Sample ID	IA-B13A-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.58	1.9	1.0	0.93	0.23	1.5	1.1	1.1	0.41	0.45	0.93 J	0.27	0.25	1.3	1.3	0.65	0.35	0.35	1.5	1.3	0.82	0.26	0.75	0.54	0.33 NJ	0.46	0.50	0.36	0.27 U	0.33
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.21 U	0.069 U	0.27 U	0.27 U	0.27 U	0.21 U	0.082 U	0.14 U	0.27 U	0.14 U	0.14 U	0.069 U	0.14 UJ	0.10 U	0.17 U	0.14 U	0.069 U	0.069 U	0.10 U	0.17 U	0.069 U	0.069 U	0.14 U	0.069 U	0.069 U	0.34 U	0.34 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.16 U	0.055 U	0.22 U	0.22 U	0.22 U	0.16 U	0.065 U	0.11 U	0.22 U	0.11 U	0.11 U	0.055 U	0.11 U	0.082 U	0.14 U	0.11 U	0.055 U	0.055 U	0.082 U	0.14 U	0.055 U	0.055 U	0.11 U	0.055 U	0.055 U	0.27 U	0.27 U	0.055 U
1,1-Dichloroethane	0.080 U	0.040 U	0.12 U	0.040 UJ	0.16 U	0.16 U	0.16 U	0.12 U	0.049 U	0.081 U	0.16 U	0.081 U	0.081 U	0.040 U	0.081 U	0.061 U	0.10 U	0.081 U	0.065	0.061	0.061 U	0.10 U	0.041 NJ	0.040 U	0.081 U	0.040 U	0.040 U	0.20 U	0.20 U	0.04 U
1,1-Dichloroethene	0.054	0.25	0.12 U	0.12	0.16 U	0.16 U	0.16 U	0.12 U	0.095	0.079 U	0.16 U	0.079 U	0.079 U	0.33	0.28 NJ	0.14	0.11	0.11	0.37	0.40	0.25	0.10 U	0.20	0.12	0.079 U	0.12	0.17 NJ	0.20 U	0.20 U	0.12
1,2-Dichloroethane	0.080 U	0.040 U	0.12 U	0.040 U	0.32 U	0.32 U	0.32 U	0.24 U	0.10 U	0.16 U	0.32 U	0.16 U	0.16 U	0.081 U	0.16 U	0.12 U	0.20 U	0.16 U	0.081 U	0.081 U	0.12 U	0.20 U	0.081 U	0.081 U	0.16 U	0.081 U	0.081 U	0.40 U	0.40 U	0.08 U
Benzene	2.6	1.8	1.2	2.7	2.4	3.5	6.7	3.5	1.2	1.3	2.5	1.9	1.7	0.70	1.30	2.1	1.9	2.3	0.54	0.67	1.2	3.1	1.3	0.75	1.5	1.7	0.97	1.8	1.4	0.44
cis-1,2-Dichloroethene	1.2	3.1	1.5	0.91	0.67	1.8 NJ	1.8	1.4	1.1	1.3	1.7	0.95	0.75	0.48	0.56	1.2	0.48	0.59	0.25	0.40	0.67	1.1	0.10	0.39	0.40	0.51 NJ	0.25	0.52	0.20 U	0.25
Ethylbenzene	3.1	0.78	0.56	3.9	4.8	3.0	3.7	1.9	3.7	2.6	1.3	1.4	4.3	0.96	0.52	1.6	2.7	2.0	0.36	0.61	2.8	1.4	0.26	0.47	1.8	1.4	1.2	5.8	9.6	0.69
m,p-Xylene	9.6	2.6	1.7	12	21	11	9.1	6.1	9.6	9.1	4.3	5.2	17 E	3.5	1.7	5.6	9.1	6.9	1.2	2.0	9.6	4.6	0.67 U	1.7	6.8	5.4	2.7	2.5	3.1	2.5
o-Xylene	3.1	0.043 U	0.56	3.9	8.3	4.3	3.0	2.1	3.5	3.1	1.5	1.8	6.1	1.1	0.61	1.8	2.6	2.2	0.38	0.65	3.0 J	1.6	0.24	0.59	2.2	1.9	1.1 NJ	1.4 NJ	1.8 U	0.89
Tetrachloroethene	20	3.9	2.2	2.9	8.1	8.1	6.8	3.0	5.2	1.3	8.1	1.2	0.75	0.25	0.22	0.88	0.50	0.54	0.095	0.19	0.41	1.2	0.14	0.62	2.9	0.57	1.4	0.66	0.35	0.068 U
Toluene	12	4.1	2.6	6.8 J	4.5	6.0	9.0	8.7 J	4.1	3.5	4.5	4.9	4.5	3.3	2.4	4.1	7.9	5.3	0.94	1.9	4.5	7.1	1.4	1.2	3.0	3	3.1	7.9	8.0	1.0
trans-1,2-Dichloroethene	0.056 U	0.04 U	0.12 U	0.040 U	0.16 U	0.16 U	0.16 U	0.12 U	0.048 U	0.079 U	0.16 U	0.079 U	0.079 U	0.040 U	0.079 U	0.059 U	0.099 U	0.079 U	0.04 U	0.040 U	0.059 U	0.10 U	0.040 U	0.040 U	0.079 U	0.040 U	0.040 U	0.20 U	0.20 U	0.04 U
Trichloroethene	11	12	7.0	15	2.2	15	19	10	3.1	6.4	12	5.2	1.9	3.3	4.7	8.1	3.3	3.4	2.7	2.1	4.7	3.4	2.3	1.8	2.4	1.4	2.7	3.2	0.72	1.6
Vinyl chloride	0.020 U	0.026 U	0.077 U	0.049 J	0.20 U	0.20 U	0.20 U	0.15 U	0.064 U	0.10 U	0.20 U	0.10 U	0.10 U	0.051 U	0.10 U	0.08 U	0.13 U	0.10 U	0.051 U	0.051 U	0.077 U	0.13 U	0.51 U	0.051 U	0.10 U	0.051 U	0.051 U	0.26 U	0.26 U	0.051 U

Building Number	BUILDING 13A SUB-SLAB VAPOR																														
Sample ID	SVSS-B13A-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	1.4	NS	NS	11 U	NS	NS	1.9	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS
1,1,2,2-Tetrachloroethane	0.28 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS
1,1,2-Trichloroethane	0.2 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS
1,1-Dichloroethane	0.16 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS
1,1-Dichloroethene	0.08 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
1,2-Dichloroethane	0.16 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS
Benzene	0.32	NS	NS	6.4 U	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS
cis-1,2-Dichloroethene	1.2	NS	NS	7.9 U	NS	NS	11	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
Ethylbenzene	0.17 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS
m,p-Xylene	0.59	NS	NS	22 U	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS
o-Xylene	0.24	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS
Tetrachloroethene	5.1	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS
Toluene	0.35	NS	NS	7.5 U	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	1.1	NS	NS	NS
trans-1,2-Dichloroethene	0.11 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
Trichloroethene	53	NS	NS	34	NS	NS	64	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS
Vinyl chloride	0.04 U	NS	NS	5.1 U	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS

Notes:

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

U - Not detected above reporting limit

J - Estimated

E - Result exceeded upper limit of calibration range

NJ - Tentative in identification and estimated

NS - Not Sampled

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

Sample Description	BUILDING 7 WAREHOUSE INDOOR AIR																									
Sample ID	IA-B7-01																									
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/25/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.42	0.45	0.35	0.28	0.43	0.055	0.060	0.16 U	0.14	0.11 U	0.16 UJ	0.60 U	0.18 U	0.27 U	0.082 U	0.11 U	0.16 U	0.14 U	0.33 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.55 U	0.27 U	0.22 U
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.21 U	0.34 U	0.34 U	0.069 U	0.069 U	0.21 U	0.14 U	0.14 U	0.21 UJ	0.76 UJ	0.23 U	0.34 U	0.10 U	0.14 U	0.21 U	0.17 U	0.41 U	0.21 U	0.14 U	0.27 U	0.069 U	0.099 U	0.69 U	0.34 U	0.27 U
1,1,2-Trichloroethane	0.1 U	0.27 U	0.16 U	0.27 U	0.27 U	0.055 U	0.055 U	0.16 U	0.11 U	0.11 U	0.16 UJ	0.60 U	0.18 U	0.27 U	0.082 U	0.11 U	0.16 U	0.14 U	0.33 U	0.16 U	0.11 U	0.22 U	0.055 U	0.055 U	0.55 U	0.27 U	0.22 U
1,1-Dichloroethane	0.08 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.081 U	0.081 U	0.12 UJ	0.45 U	0.13 U	0.20 U	0.061 U	0.081 U	0.12 U	0.10 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U	0.40 U	0.20 U	0.16 U
1,1-Dichloroethene	0.04 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.079 U	0.079 U	0.12 UJ	0.44 U	0.13 U	0.20 U	0.059 U	0.079 U	0.12 U	0.099 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U	0.40 U	0.20 U	0.16 U
1,2-Dichloroethane	0.08 U	0.2 U	0.12 U	0.4 U	0.4 U	0.081 U	0.081 U	0.24 U	0.16 U	0.16 U	0.24 UJ	0.89 U	0.27 U	0.40 U	0.12 U	0.16 U	0.24 U	0.20 U	0.49 U	0.24 U	0.16 U	0.32 U	0.081 U	0.094	0.81 U	0.40 U	0.32 U
Benzene	1.1	1.4	2.5	6.1	3.5	0.29 NJ	0.42	2.0	2.2	1.2	1.2 J	5.8	2.1	2.8	1.1	2.8	3.2	0.73	1.7	2.0	1.7	1.1	0.90	0.87	2.7	1.8	1.3
cis-1,2-Dichloroethene	0.21	0.95	1.0	0.52	0.95	0.095 NJ	0.075	0.63	0.75	0.44	0.12 J	0.52	4.4	0.34 NJ	0.067	0.26	0.75	0.099	0.24 U	0.66	0.14	0.16 U	0.083	0.17	0.40 U	0.20 U	0.30
Ethylbenzene	1.1	1.6	2.6	2.6	0.87	0.24	0.23	0.78	0.87	1.3	1.1 J	4.3	0.91	2.1	0.74	1.5	1.9	0.61	1.1	0.79	0.89	1.5	0.85	0.68	2.1	1.0	0.74
m-Xylene & p-Xylene	3.6	3.0	10	9.1	2.8	0.74	0.56	2.5	3.2	4.8	4.0 J	14	3.1	6.5	2.2	5.6	6.9	2.0	3.4	2.5	3.0	5.3	3.1	2.6	5.6	2.3	2.4
o-Xylene	1.3	0.87	3.1	3.2	1.0	0.24	0.22	0.87	1.1	1.7	1.6 J	4.8	1.2	2.4	0.83	2.1	2.4	0.87 J	1.3	0.85	0.98	2.0	1.1	0.99	2.0	0.84	0.80
Tetrachloroethene	0.62	0.62	2.2	4.5	2.4	0.19	0.14	3.0	0.75	0.35	0.28 J	0.75 U	0.36	0.34 U	0.10 U	0.14 U	1.2	0.17 U	0.41 U	0.38	0.19	0.30	0.10	3.4	8.1	3.6	0.27 U
Toluene	7.0	2.5	9.4	16	5.3	1.4	1.4	5.3	7.2	6.8	8.3 J	27	8.3	13	4.5	7.2	11	4.9	9.7	6.3	4.2	9.9	3.7	2.7	17	3.4	5.7
trans-1,2-Dichloroethene	0.056 U	0.2 U	0.12 U	0.2 U	0.2 U	0.040 U	0.040 U	0.12 U	0.079 U	0.079 U	0.12 UJ	0.44 U	0.13 U	0.20 U	0.059 U	0.079 U	0.12 U	0.099 U	0.24 U	0.12 U	0.08 U	0.16 U	0.040 U	0.040 U	0.40 U	0.20 U	0.16 U
Trichloroethene	2.7	13	5.9	5.9	18	0.64	1.1	3.9	9.7	1.5	1.2 J	6.4	4.8	2.5	0.70	5.4	4.7	1.1	1.3	8.9	1.6	1.0	1.3	3.5	1.6	0.93	11
Vinyl chloride	0.02 U	0.13 U	0.077 U	0.26 U	0.26 U	0.051 U	0.051 U	0.15 U	0.10 U	0.10 U	0.15 UJ	0.56 U	0.95	0.26 U	0.077 U	0.10 U	0.15 U	0.13 U	0.31 U	0.15 U	0.10 U	0.20 U	0.051 U	0.051 U	0.51 U	0.26 U	0.20 U

Sample Description	BUILDING 7 SUB-SLAB VAPOR																									
Sample ID	SVSS-B7-01																									
Date Collected	7/17/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	33 U	NS	NS	11 U	4.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	NS	NS	NS
1,1,2,2-Tetrachloroethane	41 U	NS	NS	14 U	5.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 UJ	NS	NS	NS
1,1,2-Trichloroethane	33 U	NS	NS	11 U	4.4 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	NS	NS	NS
1,1-Dichloroethane	24 U	NS	NS	8.1 U	3.2 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 UJ	NS	NS	NS
1,1-Dichloroethene	24 U	NS	NS	7.9 U	3.2 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 UJ	NS	NS	NS
1,2-Dichloroethane	24 U	NS	NS	8.1 U	3.2 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 UJ	NS	NS	NS
Benzene	19 U	NS	NS	6.4 U	2.6 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.67	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	1.0	0.64 UJ	NS	NS	NS
cis-1,2-Dichloroethene	24 U	NS	NS	7.9 U	3.2 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 UJ	NS	NS	NS
Ethylbenzene	26 U	NS	NS	8.7 U	3.5 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	2.5	0.87 UJ	NS	NS	NS
m-Xylene & p-Xylene	26 U	NS	NS	22 U	8.7 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	1.7 U	1.7 U	2.2 U	2.2 U	2.2 U	2.7	10	2.2 UJ	NS	NS	NS
o-Xylene	27 U	NS	NS	8.7 U	3.5 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.87 U	0.85	3.4	0.87 UJ	NS	NS	NS
Tetrachloroethene	40	NS	NS	17	8.1	1.7	1.4 U	1.4 U	1.4 U	2.0	1.4 U	1.4 U	2.0	2.2	1.5	1.4 U	1.4 U	2.6	1.4 U	2.2	1.7	2.8	1.4 U	3.8 J	NS	NS	NS
Toluene	22 U	NS	NS	7.5 U	3.0 U	1.2	0.79	0.75 U	0.75 U	0.75 U	1.2	0.75 U	0.75 U	1.1	0.75 U	2.5	0.75 U	0.75 U	0.75 U	0.75 U	0.94	1.7	15	0.75 UJ	NS	NS	NS
trans-1,2-Dichloroethene	24 U	NS	NS	7.9 U	3.2 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 UJ	NS	NS	NS
Trichloroethene	3300	NS	NS	1700	470	11	12	12	70	64	24	40	59	59	64	70	43	100	30	19	28	43	13	23 J	NS	NS	NS
Vinyl chloride	15 U	NS	NS	5.1 U	2.0 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 UJ	NS	NS	NS

Sample Description	BUILDING 7 OFFICE INDOOR AIR																									
Sample ID	IA-B7-02																									
Date Collected																						9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane																						0.055 U	0.22 U	0.16 U	0.11 U	0.22 U
1,1,2,2-Tetrachloroethane																						0.069 U	0.27 U	0.21 U	0.14 U	0.27 U
1,1,2-Trichloroethane																						0.055 U	0.22 U	0.16 U	0.11 U	0.22 U
1,1-Dichloroethane																						0.04 U	0.16 U	0.12 U	0.081 U	0.16 U
1,1-Dichloroethene																						0.04 U	0.16 U	0.12 U	0.079 U	0.16 U
1,2-Dichloroethane																						0.081 U	0.32 U	0.49	1.3	0.43
Benzene																						0.38	1.5	3.0	1.8	0.60
cis-1,2-Dichloroethene																						0.04 U	0.17	0.12 U	0.19 NJ	0.16 U
Ethylbenzene																						0.21	0.57	1.5	3.9	0.37
m-Xylene & p-Xylene																						0.63	1.7	3.9	9.7	0.94
o-Xylene																						0.21	0.62	1.4	3.3	0.35
Tetrachloroethene																						0.068 U	2.0	9.5	2.6	0.27 U
Toluene																						1.4	14	6.3	6.7	1.5
trans-1,2-Dichloroethene																						0.04 U	0.16 U	0.12 U	0.079 U	0.16 U
Trichloroethene																						0.82	3.8	1.8	1.2	6.8
Vinyl chloride																						0.051 U	0.20 U	0.15 U	0.10 U	0.20 U

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$).
U - Not detected above reporting limit
J - Estimated
NJ - Tentative in identification and estimated
NS - Not Sampled

Table 4
Building 10 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	BUILDING 10 INDOOR AIR																													
Sample ID	IA-B10-01																													
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.20	1.4	0.50	0.55	0.25	0.29 NJ	1.0	0.76	0.13	0.082	0.65 J	0.27	0.24	0.14 U	0.55 U	0.43 U	0.43	0.12	1.1 U	0.25	0.16	0.13 NJ	0.34 U	0.14 U	0.11 U	0.071 NJ	0.21	0.27 U	0.27 U	0.55 U
1,1,2,2-Tetrachloroethane	0.14 U	0.69 U	0.34 U	0.069 U	0.27 U	0.27 U	0.55 U	0.27 U	0.069 U	0.069 U	0.55 U	0.17 U	0.17 U	0.17 U	0.69 UJ	0.54 U	0.54 U	0.069 U	1.4 U	0.21 U	0.069 U	0.14 U	0.43 U	0.17 U	0.14 U	0.069 U	0.17 U	0.34 U	0.34 U	0.69 U
1,1,2-Trichloroethane	0.10 U	0.55 U	0.27 U	0.055 U	0.22 U	0.22 U	0.44 U	0.22 U	0.055 U	0.055 U	0.44 U	0.14 U	0.14 U	0.14 U	0.55 U	0.43 U	0.43 U	0.055 U	1.1 U	0.16 U	0.055 U	0.11 U	0.34 U	0.14 U	0.11 U	0.055 U	0.14 U	0.27 U	0.27 U	0.55 U
1,1-Dichloroethane	0.08 U	0.4 U	0.20 U	0.040 UJ	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.10 U	0.10 U	0.10 U	0.40 U	0.32 U	0.32 U	0.040 U	0.81 U	0.12 U	0.040 U	0.081 U	0.25 U	0.10 U	0.081 U	0.04 U	0.10 U	0.20 U	0.20 U	0.40 U
1,1-Dichloroethene	0.04 U	0.4 U	0.20 U	0.075	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.099 U	0.099 U	0.099 U	0.40 U	0.31 U	0.31 U	0.040 U	0.79 U	0.12 U	0.040 U	0.079 U	0.25 U	0.10 U	0.079 U	0.04 U	0.099 U	0.20 U	0.20 U	0.40 U
1,2-Dichloroethane	0.08 U	0.4 U	0.20 U	0.040 U	0.32 U	0.32 U	0.65 U	0.32 U	0.081 U	0.081 U	0.65 U	0.20 U	0.20 U	0.20 U	0.81 U	0.65 U	0.65 U	0.081 U	1.6 U	0.24 U	0.081 U	0.16 U	0.51 U	0.20 U	0.16 U	0.081 U	0.20 U	0.40 U	0.40 U	0.81 U
Benzene	0.90	3.1	3.5	3.8	3.2	2.2	7.0	6.4	0.67	0.58	2.6	2.8	0.77	0.70	4.2	4.2	4.5	1.4	3.2	2.5	1.2	1.7	4.1	2.6	1.3	0.84	1.7	2.8	1.5	1.5
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	1.8	1.8	2.3	0.96	0.31	0.64	1.3	0.70	0.81	0.81
Ethylbenzene	0.59	0.91	6.9	1.7	1.6	0.65	2.4	1.0	0.39	0.24	0.74	0.74	1.90	0.42	1.7	2.1	4.8	0.69	1.4	2.1	0.83	0.89	0.72	1.1	0.74	0.61	0.93	1.9	1.6	0.46
m,p-Xylene	1.8	2.8	29	4.3	6.1	2.0	6.9	3.5	1.3	0.61	2.5	2.8	6.9	1.4	6.5	7.4	18	2.3	4.3	8.7	3.0	3.2	2.2	2.9	2.4	2.0	2.5	4.1	1.5	1.2
o-Xylene	0.69	1.0	6.9	2.3	2.5	0.74	2.5	1.1	0.43	0.21	0.91	0.87	2.3	0.52	2.1	2.4	6.1	0.87	1.6	2.9	1.0 J	1.0	0.84	1.0	0.84	0.70	0.95	1.4	0.59	0.43 U
Tetrachloroethene	6.4	5.2	8.1	22	20	4.1	10	6.2	2.5	0.43	9.5	2.8	1.7	12	1.0	1.2	3.1	0.66	1.4 U	1.5	0.75	0.50	0.71	0.64	0.79	0.19	3.2	5.5	5.9	0.68 U
Toluene	4.3	5.3	8.7	4.9 J	4.5	3.5	9.4	6.0 J	1.6	1.1	3.8	4.5	2.6	2.2	11	11	28	2.8	7.2	7.2	2.2	5.1	3.9	3.7	3.8	1.5	2.0	7.2	2.9	0.98
trans-1,2-Dichloroethene	0.056 U	0.40 U	0.20 U	0.044	0.16 U	0.16 U	0.32 U	0.16 U	0.040 U	0.040 U	0.32 U	0.099 U	0.099 U	0.099 U	0.40 U	0.31 U	0.31 U	0.040 U	0.79 U	0.12 U	0.040 U	0.079 U	0.25 U	0.10 U	0.079 U	0.040 U	0.099 U	0.20 U	0.20 U	0.40 U
Trichloroethene	4.0	30	26	45	9.7	15	32	17	2.4	3.0	24	10	5.4	4.3	37	31	13	3.8	64	11	4.4	5.0	20	11	0.61	1.4	13	5.2	0.84	23
Vinyl chloride	0.020 U	0.26 U	0.13 U	0.074 J	0.20 U	0.20 U	0.41 U	0.20 U	0.051 U	0.051 U	0.41 U	0.13 U	0.13 U	0.13 U	0.51 U	0.41 U	0.41 U	0.087	1.0 U	0.15 U	0.056 NJ	0.10 U	0.32 U	0.13 U	0.10 U	0.051 U	0.13 U	0.26 U	0.26 U	0.51 U

Building Number	BUILDING 10 SUB-SLAB VAPOR																													
Sample ID	SVSS-B10-01																													
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	26 U	NS	NS	11 U	NS	NS	16 U	NS	NS	NS	11 U	NS	NS	NS	8.7 U	NS	NS	NS	8.7 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 UJ	NS	NS	NS
1,1,2,2-Tetrachloroethane	32 U	NS	NS	14 U	NS	NS	21 U	NS	NS	NS	14 U	NS	NS	NS	11 U	NS	NS	NS	11 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 UJ	NS	NS	NS
1,1,2-Trichloroethane	26 U	NS	NS	11 U	NS	NS	16 U	NS	NS	NS	11 U	NS	NS	NS	8.7 U	NS	NS	NS	8.7 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 UJ	NS	NS	NS
1,1-Dichloroethane	19 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	NS	8.1 U	NS	NS	NS	6.5 U	NS	NS	NS	6.5 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 UJ	NS	NS	NS
1,1-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	12 U	NS	NS	NS	7.9 U	NS	NS	NS	6.3 U	NS	NS	NS	6.3 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 UJ	NS	NS	NS
1,2-Dichloroethane	19 U	NS	NS	8.1 U	NS	NS	12 U	NS	NS	NS	8.1 U	NS	NS	NS	6.5 U	NS	NS	NS	6.5 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 UJ	NS	NS	NS
Benzene	15 U	NS	NS	6.4 U	NS	NS	9.6 U	NS	NS	NS	6.4 U	NS	NS	NS	5.1 U	NS	NS	NS	5.1 U	NS	NS	NS	0.6 U	NS	NS	NS	0.64 UJ	NS	NS	NS
cis-1,2-Dichloroethene	38	NS	NS	11	NS	NS	26	NS	NS	NS	14	NS	NS	NS	6.7 NJ	NS	NS	NS	6.3	NS	NS	NS	2.9	NS	NS	NS	0.79 UJ	NS	NS	NS
Ethylbenzene	20 U	NS	NS	8.7 U	NS	NS	13 U	NS	NS	NS	8.7 U	NS	NS	NS	6.9 U	NS	NS	NS	6.9 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 UJ	NS	NS	NS
m,p-Xylene	20 U	NS	NS	22 U	NS	NS	33 U	NS	NS	NS	22 U	NS	NS	NS	17 U	NS	NS	NS	17 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 UJ	NS	NS	NS
o-Xylene	21 U	NS	NS	8.7 U	NS	NS	13 U	NS	NS	NS	8.7 U	NS	NS	NS	6.9 U	NS	NS	NS	6.9 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 UJ	NS	NS	NS
Tetrachloroethene	32 U	NS	NS	14 U	NS	NS	20 U	NS	NS	NS	14 U	NS	NS	NS	11 U	NS	NS	NS	11 U	NS	NS	NS	3.6	NS	NS	NS	6.5 J	NS	NS	NS
Toluene	18 U	NS	NS	7.5 U	NS	NS	11 U	NS	NS	NS	7.5 U	NS	NS	NS	6.0 U	NS	NS	NS	6.0 U	NS	NS	NS	3.7	NS	NS	NS	1.3 J	NS	NS	NS
trans-1,2-Dichloroethene	19 U	NS	NS	7.9 U	NS	NS	12 U	NS	NS	NS	7.9 U	NS	NS	NS	6.3 U	NS	NS	NS	6.3 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 UJ	NS	NS	NS
Trichloroethene	2700	NS	NS	1100	NS	NS	3200	NS	NS	NS	1800	NS	NS	NS	1700	NS	NS	NS	1200	NS	NS	NS	130	NS	NS	NS	34 J	NS	NS	NS
Vinyl chloride	12 U	NS	NS	5.1 U	NS	NS	7.7 U	NS	NS	NS	5.1 U	NS	NS	NS	4.1 U	NS	NS	NS	4.1 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 UJ	NS	NS	NS

Notes:

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

U - Not detected above reporting limit

J - Estimated

NJ - Tentative in identification and estimated

NS - Not Sampled

Table 4
Building 10 Area Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	BUILDING 10A INDOOR AIR																														
Sample ID	IA-B10A-01																														
Date Collected	7/15/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.30	1.1	0.49	0.49	0.29	0.34	1.4	0.76	0.21	0.27	0.82 J	0.28	0.19	0.19	0.51	0.43 U	0.65	0.28	0.43 U	0.28	0.34	0.17	0.29	0.24	0.14 NJ	0.14 NJ	0.28	0.17	0.27 U	0.37
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.21 U	0.069 U	0.34 U	0.14 U	0.55 U	0.27 U	0.069 U	0.082 U	0.41 U	0.14 U	0.14 U	0.10 U	0.41 UJ	0.54 U	0.54 U	0.10 U	0.54 U	0.21 U	0.10 U	0.21 U	0.21 U	0.14 U	0.069 U	0.069 U	0.17 U	0.21 U	0.34 U	0.27 U
1,1,2-Trichloroethane	0.10 U	0.27 U	0.16 U	0.055 U	0.27 U	0.11 U	0.44 U	0.22 U	0.055 U	0.065 U	0.33 U	0.11 U	0.11 U	0.082 U	0.33 U	0.43 U	0.43 U	0.082 U	0.43 U	0.16 U	0.082 U	0.16 U	0.17 U	0.11 U	0.055 U	0.055 U	0.14 U	0.16 U	0.27 U	0.22 U
1,1-Dichloroethane	0.08 U	0.20 U	0.12 U	0.040 UJ	0.20 U	0.081 U	0.32 U	0.16 U	0.040 U	0.049 U	0.24 U	0.081 U	0.081 U	0.061 U	0.24 U	0.32 U	0.32 U	0.061 U	0.32 U	0.12 U	0.061 U	0.12 U	0.13 U	0.081 U	0.040 U	0.04 U	0.10 U	0.12 U	0.20 U	0.16 U
1,1-Dichloroethene	0.04 U	0.20 U	0.12 U	0.056	0.20 U	0.079 U	0.32 U	0.16 U	0.040 U	0.048 U	0.24 U	0.079 U	0.079 U	0.059 U	0.24 U	0.31 U	0.31 U	0.059 U	0.31 U	0.12 U	0.059 U	0.12 U	0.12 U	0.079 U	0.040 U	0.04 U	0.099 U	0.12 U	0.20 U	0.16 U
1,2-Dichloroethane	0.08 U	0.20 U	0.15	0.040 U	0.40 U	0.16 U	0.65 U	0.32 U	0.081 U	0.10 U	3.1 J	0.16 U	0.16 U	0.12 U	0.49 U	0.65 U	0.65 U	0.12 U	0.65 U	0.24 U	0.12 U	0.24 U	0.25 U	0.16 U	0.081 U	0.081 U	0.20 U	0.24 U	0.40 U	0.32 U
Benzene	2.3	1.5	2.7	2.8	2.7	1.4	7.7	3.8	0.64	0.70	2.6	2.7	0.64	0.83	3.5	4.2	4.5	2.6	2.9	2.7	1.3	1.9	5.9	2.2	1.9	1.3	1.8	2.6	0.70	0.81
cis-1,2-Dichloroethene	0.89	2.2	4.8	1.1	4.8	0.38 NJ	3.0	1.9	1.3	1.2	3.3	3.2	1.4	1.5	3.3	5.2	8.7	4.0	4.0	5.2	4.4	1.9	3.6	1.9	0.51	0.67	2.1	1.3	0.42	1.3
Ethylbenzene	2.1	0.65	2.3	1.3	2.3	0.69	2.8	0.78	0.52	0.42	0.78	0.87	1.4 NJ	0.48	1.5	2.3	5.2	1.0	1.3	2.5	1.2	0.91	1.1	1.1	0.75	0.61	0.98	2.3	0.77	0.38
m,p-Xylene	7.5	2.0	9.1	3.4	9.1	2.3	7.8	2.9	1.7	1.3	2.2	3.2	5.2	1.8	6.1	9.6	17	3.4	4.8	10	4.8	3.2	3.4	3.6	2.6	2.1	3.3	4.6	0.73	1.1
o-Xylene	2.7	0.74	2.4	1.8	3.6	0.78	2.5	1.0	0.56	0.48	0.69	1.1	1.8	0.65	1.9	3.0	5.2	1.2	1.6	3.6	1.6 J	1.1	1.2	1.2	0.93	0.76	1.2	1.7	0.25	0.37
Tetrachloroethene	7.6	2.7	5.4	6.0	22	3.0	12	6.1	3.2	0.81	12	2.6	1.2	3.1	1.3	1.8	4.1	1.8	0.88	1.1	1.4	0.72	0.97	0.80	1.2	0.24	3.7	3.7	0.80	0.27 U
Toluene	11	3.3	6.0	3.8 J	6.4	2.8	10	4.9 J	2.4	1.5	4.1	4.5	2.1	2.3	8.7	12	28	4.5	7.2	8.3	4.1	5.3	6.4	4.9	2.2	1.7	2.7	5.6	1.4	0.76
trans-1,2-Dichloroethene	0.056 U	0.20 U	0.12 U	0.040 U	0.20 U	0.079 U	0.32 U	0.16 U	0.040 U	0.048 U	0.24 U	0.079 U	0.079 U	0.059 U	0.24 U	0.31 U	0.31 U	0.059 U	0.31 U	0.12 U	0.059 U	0.12 U	0.12 U	0.079 U	0.040 U	0.04 U	0.099 U	0.12 U	0.20 U	0.16 U
Trichloroethene	4.5	12	19	32	9.1	7.0	32	15	3.0	4.9	23	9.7	2.8	4.8	19	21	15	4.6	25	9.7	6.4	3.8	13	5.7	0.91	1.1	8.0	5.7	0.40	7.9
Vinyl chloride	0.020 U	0.13 U	0.10 NJ	0.066 J	0.26 U	0.10 U	0.41 U	0.20 U	0.051 U	0.064 U	0.31 U	0.10 U	0.10 U	0.077 U	0.31 U	0.41 U	0.41 U	0.12	0.41 U	0.15 U	0.095 NJ	0.15 U	0.16 U	0.1 U	0.051 U	0.051 U	0.13 U	0.15 U	0.26 U	0.20 U

Building Number	BUILDING 10A SUB-SLAB VAPOR																														
Sample ID	SVSS-B10A-01																														
Date Collected	7/17/03	10/2/03	1/20/04	2/14/06	6/28/06	9/13/06	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	14	NS	NS	11 U	NS	NS	3.4	NS	NS	NS	1.1	NS	NS	NS	2.5	NS	NS	NS	2.2	NS	NS	NS	2.5	NS	NS	NS	2.3	NS	NS	NS
1,1,2,2-Tetrachloroethane	3.2 U	NS	NS	14 U	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS	1.4 U	NS	NS	NS
1,1,2-Trichloroethane	2.3 U	NS	NS	11 U	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS	1.1 U	NS	NS	NS
1,1-Dichloroethane	2.5	NS	NS	8.1 U	NS	NS	2.1	NS	NS	NS	0.81 U	NS	NS	NS	1.5	NS	NS	NS	1.4	NS	NS	NS	1.8	NS	NS	NS	1.8	NS	NS	NS
1,1-Dichloroethene	0.9 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
1,2-Dichloroethane	1.8 U	NS	NS	8.1 U	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS	0.81 U	NS	NS	NS
Benzene	3.4 U	NS	NS	6.4 U	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS	0.64 U	NS	NS	NS
cis-1,2-Dichloroethene	10	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
Ethylbenzene	2 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	1.0	NS	NS	NS	0.87 U	NS	NS	NS
m,p-Xylene	3.8 U	NS	NS	22 U	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	2.2 U	NS	NS	NS	4.0	NS	NS	NS	2.2 U	NS	NS	NS
o-Xylene	2 U	NS	NS	8.7 U	NS	NS	0.87 U	NS	NS	NS	0.9 U	NS	NS	NS	0.87 U	NS	NS	NS	0.87 U	NS	NS	NS	1.7	NS	NS	NS	0.87 U	NS	NS	NS
Tetrachloroethene	920	NS	NS	44	NS	NS	140	NS	NS	NS	81	NS	NS	NS	95	NS	NS	NS	100	NS	NS	NS	49	NS	NS	NS	50	NS	NS	NS
Toluene	3.2	NS	NS	7.5 U	NS	NS	2.6	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	0.75 U	NS	NS	NS	3.3	NS	NS	NS	0.96	NS	NS	NS
trans-1,2-Dichloroethene	1.3 U	NS	NS	7.9 U	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS	0.79 U	NS	NS	NS
Trichloroethene	120	NS	NS	11 U	NS	NS	20	NS	NS	NS	9.1	NS	NS	NS	10	NS	NS	NS	13	NS	NS	NS	13	NS	NS	NS	12	NS	NS	NS
Vinyl chloride	0.45 U	NS	NS	5.1 U	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS	0.51 U	NS	NS	NS

Notes:

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

U - Not detected above reporting limit

J - Estimated

NJ - Tentative in identification and estimated

NS - Not Sampled

Table 5
Building 1A Basement and First Floor Indoor Air Sample Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Location	BUILDING 1A FIRST FLOOR																											
Sample ID	IA-B1A-01																											
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/24/10	8/30/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.63	0.35 JT	0.19	0.21	0.26	0.06	1.0	0.093	0.098	0.055 U	0.22 U	0.16 U	0.18 U	0.18 U	0.82 U	0.11 U	0.11 U	0.44 U	0.069	0.33 U	0.055 U	0.11 U	0.055 U	0.096 NJ	0.055 U	0.11 U	0.068 U	0.28
1,1,2,2-Tetrachloroethane	0.14 U	0.34 U	0.14 U	0.21 U	0.27 U	0.069 U	0.69 U	0.10 U	0.100 U	0.069 U	0.27 U	0.21 U	0.23 U	0.23 U	1 U	0.14 U	0.14 U	0.56 U	0.069 U	0.41 U	0.069 U	0.14 U	0.069 U	0.069 U	0.069 U	0.14 U	0.086 U	0.21 U
1,1,2-Trichloroethane	0.1 U	0.27 U	0.11 U	0.16 U	0.22 U	0.055 U	0.55 U	0.082 U	0.082 U	0.055 U	0.22 U	0.16 U	0.18 U	0.18 U	0.82 U	0.11 U	0.11 U	0.44 U	0.055 U	0.33 U	0.055 U	0.11 U	0.055 U	0.055 U	0.055 U	0.11 U	0.068 U	0.16 U
1,1-Dichloroethane	0.08 U	0.2 U	0.081 U	0.12 U	0.16 U	0.04 U	0.4 U	0.061 U	0.061 U	0.040 U	0.16 U	0.12 U	0.13 U	0.13 U	0.61 U	0.081 U	0.081 U	0.33 U	0.040 U	0.24 U	0.040 U	0.081 U	0.040 U	0.040 U	0.040 U	0.081 U	0.051 U	0.12 U
1,1-Dichloroethene	0.04 U	0.2 U	0.079 U	0.12 U	0.16 U	0.04 U	0.4 U	0.059 U	0.059 U	0.040 U	0.16 U	0.12 U	0.13 U	0.13 U	0.59 U	0.079 U	0.079 U	0.32 U	0.040 U	0.24 U	0.040 U	0.079 U	0.040 U	0.040 U	0.040 U	0.079 U	0.050 U	0.12 U
1,2-Dichloroethane	0.95	0.2 U	0.14	0.24 U	0.32 U	0.081 U	0.97	0.12 U	0.12 U	0.081 U	0.32 U	0.24 U	0.27 U	0.27 U	1.2 U	0.16 U	0.16 U	0.65 U	0.081 U	0.49 U	0.081 U	0.16 U	0.081 U	0.22	0.11	0.16 U	0.14	0.33 NJ
Benzene	1.8	1.3	0.89	3.5	2.3	0.24	1.2	1.4	1.4	0.14	0.89	4.8	3.8	1.7	2.4	2.7	1.3	1.9	0.70	1.6	1.8	2.0	0.35	0.44	0.52	0.32	1.1	0.83
cis-1,2-Dichloroethene	0.89	1.5	0.59	0.71	0.75	0.04 U	0.67	0.32	0.280	0.040 U	0.48	0.59	1.0	0.27	0.59 U	0.52	1.0	2.7	0.094	0.24 U	0.071	0.59	0.040 U	0.16	0.086	0.079 U	0.29	0.55
Ethylbenzene	3.4	0.91	0.61	2.0	0.78	0.21	3.8	0.61	0.74	0.65	1.0	0.78	1.1	1.1	6.1	0.69	1.0	2.0	0.67	2.4	0.17	0.45	0.48	0.094	0.80	0.38	0.54	0.74
m-Xylene & p-Xylene	12	2.6	1.7	6.1	2.6	0.74	12	1.7	2.6	2.6	3.2	2.9	3.7	3.8	17	2.3	3.2	6.5	2.0	11	0.35	1.3	1.3	0.32	3.7	0.82	1.8	2.4
o-Xylene	3.5	0.74	0.56	1.4	0.61	0.18	2.1	0.4	0.69	0.74	0.96	1.0	1.2	1.1	3.9	1.1	0.8	1.8	0.67	2.9	0.19	0.46	0.47	0.12	1.4	0.29	0.62	0.74
Tetrachloroethene	25	1.9	8.1	3.6	0.88	0.095	2.4	1.6	0.75	0.068 U	0.88	0.56	0.46	0.22 U	1.0 U	0.58	0.60	0.75	0.13	0.43	0.10	0.58	0.11	0.081	2.8	0.18	0.16	1.1
Toluene	52	11	2.8	8.7	3.4	1.5	17	2.9	1.9	2.1	11	6.8	8.7	7.2	37	4.5	4.9	9.0	3.4	16	1.6	2.5	3.5	0.40	1.3	3.5	3.8	4.0
trans-1,2-Dichloroethene	0.06 U	0.2 U	0.079 U	0.12 U	0.16 U	0.04 U	0.4 U	0.059 U	0.059 U	0.04 U	0.16 U	0.12 U	0.13 U	0.13 U	0.59 U	0.079 U	0.079 U	0.32 U	0.040 U	0.24 U	0.040 U	0.079 U	0.040 U	0.04 U	0.040 U	0.079 U	0.050 U	0.120 U
Trichloroethene	6.9	10	2.1	9.1	12	0.39	3.4	2.9	4.9	0.059	2.3	9.7	7.0	0.59	2.7	3.7	7.5	27	1.5	2.4	1.1	6.8	0.26	0.75	1.1	1.3	1.3	5.2
Vinyl chloride	0.02 U	0.13 U	0.051 U	0.15 U	0.2 U	0.051 U	1.6	0.077 U	0.077 U	0.051 U	0.20 U	0.15 U	0.17 U	0.17 U	0.77 U	0.10 U	0.10 U	0.41 U	0.051 U	0.31 U	0.51 U	0.10 U	0.05 U	0.051 U	0.051 U	0.10 U	0.064 U	0.150 U

Sample Location	BUILDING 1A BASEMENT																											
Sample ID	IA-B1A-BASE																											
Date Collected	7/15/03	10/2/03	1/20/04	12/12/06	3/20/07	6/21/07	9/19/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/24/10	8/30/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	NS	0.6 NJ	0.27 U	0.55 U	1.1 U	0.11 U	0.43	0.22 U	0.22 U	0.055 U	0.27 U	0.35 U	0.55 U	0.071	1.4 U	0.33 U	0.27 U	2.2 U	0.19 U	0.22 U	0.055 U	0.82 U	0.055 U	0.12 NJ	0.055 U	0.22 U	0.11 U	0.11
1,1,2,2-Tetrachloroethane	NS	0.69 U	0.34 U	0.69 U	1.4 U	0.14 U	0.14 U	0.27 U	0.27 U	0.069 U	0.34 U	0.45 U	0.69 U	0.069 U	1.7 U	0.41 U	0.34 U	2.7 U	0.24 U	0.27 U	0.069 U	1.0 U	0.069 U	0.10 U	0.069 U	0.27 U	0.14 U	0.14 U
1,1,2-Trichloroethane	NS	0.55 U	0.27 U	0.55 U	1.1 U	0.11 U	0.11 U	0.22 U	0.22 U	0.055 U	0.27 U	0.35 U	0.55 U	0.055 U	1.4 U	0.33 U	0.27 U	2.2 U	0.19 U	0.22 U	0.055 U	0.82 U	0.055 U	0.082 U	0.055 U	0.22 U	0.11 U	0.11 U
1,1-Dichloroethane	NS	0.4 U	0.2 U	0.4 U	0.81 U	0.081 U	0.081 U	0.16 U	0.16 U	0.040 U	0.20 U	0.26 U	0.40 U	0.04 U	1.00 U	0.24 U	0.20 U	1.6 U	0.14 U	0.16 U	0.040 U	0.61 U	0.040 U	0.061 U	0.040 U	0.16 U	0.081 U	0.081 U
1,1-Dichloroethene	NS	0.4 U	0.2 U	0.4 U	0.79 U	0.079 U	0.079 U	0.16 U	0.16 U	0.040 U	0.20 U	0.26 U	0.40 U	0.04 U	0.99 U	0.24 U	0.20 U	1.6 U	0.14 U	0.16 U	0.040 U	0.59 U	0.040 U	0.059 U	0.040 U	0.16 U	0.079 U	0.079 U
1,2-Dichloroethane	NS	0.4 U	0.2 U	0.81 U	1.6 U	0.16 U	0.16 U	0.32 U	0.32 U	0.081 U	0.40 U	0.53 U	0.81 U	0.08 U	2.00 U	0.49 U	0.40 U	3.3 U	0.28 U	0.32 U	0.081 U	1.2 U	0.081 U	0.27 U	0.081 U	0.32 U	0.16	0.16 U
Benzene	NS	0.77	1.1	2.7	3.5	0.35	0.45	1.1	0.73	0.14	0.70	2.0	1.7	1.5	2.8	1.1	0.86	2.3	1.9	1.8	0.96	4.4	0.28	0.55	0.49	0.47	0.73	0.28
cis-1,2-Dichloroethene	NS	5.2	0.71	2.8	4.8	0.14	0.29	1.5	1.1	0.040 U	0.83	1.5	1.9	0.079	3.8	0.91	1.7	12	0.77	0.16 U	0.074	5.2	0.040 U	0.24	0.11	0.52	0.24	0.22
Ethylbenzene	NS	0.43 U	0.3	1.7	0.87 U	1.4	0.48	0.48	0.32	0.091	0.48	0.56	0.56	0.43	2.9	0.26 U	0.52	1.7 U	1.1	0.91	0.17 NJ	0.65 U	0.32	0.35	0.43	0.18	0.46	0.11
m-Xylene & p-Xylene	NS	1	0.74	5.2	2.1	3.7	1.4	1.4	0.91	0.33	1.7	2.1	2.2	1.6	7.8	0.78	1.6	4.8	3.5	3.9	0.53	1.3 U	1.1	0.73	2.0	0.58	1.5	0.37
o-Xylene	NS	0.43 U	0.27	1.3	0.87 U	0.83	0.32	0.37	0.30	0.10	0.56	0.78	1.1	0.52	2	0.28	0.40	1.7 U	1.1	1.1	0.17	0.65 U	0.39	0.19	0.79	0.20	0.52	0.13
Tetrachloroethene	NS	1.8	3.1	3.8	1.4 U	0.24	1.1	1.2	0.56	0.068 U	0.81	0.52	0.68 U	0.095	1.7 U	0.54	0.68	2.7 U	0.26	0.27 U	0.18	1.0 U	0.12	0.81	1.6	0.28	0.20	0.36
Toluene	NS	3.1	1.5	6	3.3	4.5	2.2	1.9	1.0	1.8	5.7	4.5	4.1	3.1	18	1.5	1.7	6.0	7.2	9.4	2.0	1.0	2.7	2.3	0.71	1.0	2.6	0.69
trans-1,2-Dichloroethene	NS	0.4 U	0.2 U	0.4 U	0.79 U	0.079 U	0.079 U	0.16 U	0.16 U	0.04 U	0.20 U	0.26 U	0.40 U	0.04 U	0.99 U	0.24 U	0.20 U	1.6 U	0.14 U	0.16 U	0.040 U	0.59 U	0.040 U	0.059 U	0.040 U	0.16 U	0.079 U	0.079 U
Trichloroethene	NS	160	9.1	45	81	2.1	7	20	17	0.081	16	24	29	0.27	86	14	24	120	14	4.5	1.8	67	0.43	5.1	1.6	11	5.0	4.5
Vinyl chloride	NS	0.26 U	0.13 U	0.51 U	1.0 U	0.10 U	0.10 U	0.20 U	0.20 U	0.05 U	0.26 U	0.33 U	0.51 U	0.051 U	1.3 U	0.31 U	0.26 U	2.1 U	0.18 U	0.20 U	0.051 U	0.77 U	0.051 U	0.077 U	0.051 U	0.2 U	0.10 U	0.10 U

Notes:
All values are shown in units of micrograms per cubic meter ($\mu g/m^3$).
U - Not detected above reporting limit shown
J - Estimated by data validator
NJ - Tentative in identification and estimated
NS - Not sampled

Table 6
Ambient Air Sample Analytical Data Summary
Former Philips Display Components Facility - Seneca Falls, New York

Sample Description	AMBIENT AIR OUTSIDE OF BUILDING 2																									
Sample ID	OA-B2-01																									
Date Collected	7/15/03	10/2/03	1/20/04	3/20/07	6/21/07	8/30/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.21	0.16	0.12	0.15	0.060	NS	0.055 U	0.065	0.055 U	0.060	0.055 U	0.055	0.065	0.11 U	0.065	0.055 U	0.082 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.14 U	0.055 U	0.055 U
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.069 U	0.069 U	0.069 U	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 UJ	0.069 U	0.14 U	0.069 U	0.069 U	0.100 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.17 U	0.069 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.055 U	0.055 U	0.055 U	NS	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.11 U	0.055 U	0.055 U	0.082 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.14 U	0.055 U	0.055 U
1,1-Dichloroethane	0.080 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.081 U	0.040 U	0.040 U	0.061 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.10 U	0.040 U	0.040 U
1,1-Dichloroethene	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.040 U	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.099 U	0.040 U	0.040 U
1,2-Dichloroethane	0.080 U	0.040 U	0.040 U	0.089	0.081 U	NS	0.081 U	0.085	0.081 U	0.081 U	0.081 U	0.081 U	0.081	0.16 U	0.081 U	0.081 U	0.12 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.20 U	0.081 U	0.081 U
Benzene	0.44	0.38	0.45	0.58	0.21	NS	0.32	0.51	0.28	0.24	0.16	0.70	0.08	0.54	0.42	0.42	1.0	0.22	0.58	0.49	0.41	0.28	0.19	0.53	0.31	0.28	0.23
cis-1,2-Dichloroethene	0.056 U	0.040 U	0.040 U	0.040 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.120	0.079 U	0.040 U	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.099 U	0.040 U	0.040 U
Ethylbenzene	0.35	0.13	0.19	0.043 U	0.087	NS	0.15	0.10	0.078	0.16	0.091	0.22	0.25	0.69	0.48	0.061	0.52	0.069	0.29	0.11	0.084	0.32	0.085	0.052	0.50	0.19	0.043 U
m-Xylene & p-Xylene	1.1	0.35	0.48	0.087 U	0.23	NS	0.38	0.26	0.20	0.52	0.26	0.69	1.3	1.7	0.74	0.15	1.8	0.11	0.90	0.26 U	0.20	0.96	0.21	0.14	0.95	0.74	0.087 U
o-Xylene	0.35	0.13	0.19	0.043 U	0.083	NS	0.13	0.10	0.078	0.20	0.091	0.29	0.65	0.56	0.26	0.056	0.52	0.043 U	0.32	0.10	0.079	0.33	0.077	0.058	0.34	0.28	0.043 U
Tetrachloroethene	0.30	0.068 U	0.075	0.088	0.068 U	NS	0.11	0.068 U	0.068 U	0.068 U	0.068 U	0.088	0.14	0.14 U	0.075	0.068 U	0.26	0.068	0.077	0.068 U	0.071 U	0.12	0.068 U	0.11	0.17 U	0.068 U	0.068 U
Toluene	3.2	0.64	0.90	0.22	0.49	NS	1.0	0.53	0.36	1.7	0.57	1.2	0.98	5.3	1.2	0.35	4.1	0.45	2.4	0.65	0.48	3.3	0.82	0.47	4.7	0.59	0.35
trans-1,2-Dichloroethene	0.056 U	0.04 U	0.04 U	0.04 U	0.040 U	NS	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.079 U	0.075	0.040 U	0.059 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.04 U	0.040 U	0.099 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	0.86	0.91	0.054 U	0.081 U	0.075	0.066	0.21	0.054 U	0.066	0.054 U	0.054 U	0.13 U	0.054 U	0.11
Vinyl chloride	0.020 U	0.026 U	0.026 U	0.051 U	0.051 U	NS	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.10 U	0.051 U	0.051 U	0.077 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.13 U	0.051 U	0.051 U

Sample Description	AMBIENT AIR OUTSIDE OF BUILDING 11																									
Sample ID	OA-B11-01																									
Date Collected	7/15/03	10/2/03	1/20/04	3/20/07	6/21/07	8/30/07	9/28/07	12/11/07	3/26/08	6/17/08	9/24/08	12/18/08	3/26/09	6/25/09	9/23/09	12/17/09	3/24/10	6/22/10	9/22/10	12/28/10	3/23/11	6/22/11	9/21/11	12/20/11	3/28/12	6/14/12	10/9/12
1,1,1-Trichloroethane	0.18	0.15	0.11	0.15	0.055 U	0.055 U	0.055	0.065	0.060	0.055 U	0.055 U	0.055 U	0.071	0.071	0.060	0.055 U	0.055 U	0.065	0.055 U	0.055 U	0.055 U	0.055 U	0.057 NJ	0.055 U	0.055 U	0.055 U	0.055 U
1,1,2,2-Tetrachloroethane	0.14 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 UJ	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
1,1,2-Trichloroethane	0.10 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
1,1-Dichloroethane	0.080 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
1,1-Dichloroethene	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
1,2-Dichloroethane	0.080 U	0.040 U	0.040 U	0.081 U	0.081 U	0.081 U	0.081 U	0.085	0.081 U	0.081 U	0.081 U	0.081 U	0.085	0.081 U	0.081 U	0.081 U	0.081 NJ	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U	0.081 U
Benzene	0.32	0.30	0.45	0.54	0.15	0.17	0.29	0.58	0.31	0.13	0.14	0.54	0.67	0.32	0.26	0.38	0.51	0.31	0.42	0.73	0.39	0.20	0.54	0.45	0.29	0.26	0.28
cis-1,2-Dichloroethene	0.056 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.083	0.040 U	0.040 U	0.040 NJ	0.040 U	0.079	0.040 U	0.14	0.040 U	0.040 U	0.084	0.040 U	0.040 U	0.058	0.066
Ethylbenzene	0.16	0.091	0.15	0.10	0.061	0.091	0.15	0.19	0.065	0.12	0.096	0.18	0.18	0.23	0.14	0.065	0.15	0.16	0.19	0.28	0.061	0.10	0.22	0.043 U	0.11	0.32	0.086
m,p-Xylene	0.32	0.26	0.34	0.29	0.16	0.22	0.43	0.56	0.20	0.38	0.24	0.48	0.41	0.69	0.43	0.18	0.43	0.48	0.46	0.72	0.18	0.30	0.66	0.043 U	0.31	0.46	0.24
o-Xylene	0.14	0.10	0.13	0.11	0.052	0.078	0.13	0.21	0.083	0.11	0.083	0.21	0.16	0.23	0.17	0.074	0.16	0.19 J	0.17	0.25	0.077	0.12	0.24	0.043 U	0.12	0.17	0.10
Tetrachloroethene	0.14 U	0.068 U	0.068	0.075	0.068 U	0.081	0.12	0.068 U	0.068 U	0.068 U	0.068 U	0.095	0.14	0.088	0.068 U	0.068 U	0.095	0.081	0.068 U	0.33	0.068 U	0.068 U	0.16	0.068 U	0.068 U	0.11	0.068 U
Toluene	1.4	0.45	0.68	0.38	0.32	0.49	0.60	0.72	0.37	0.75	0.64	1.1	0.94	1.4	0.83	0.35	1.1	0.79	1.1	2.3	0.30	0.55	1.1	0.16	0.56	0.83	0.47
trans-1,2-Dichloroethene	0.056 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Trichloroethene	0.074	0.13	0.12	0.14	0.12	0.12	0.11	0.086	0.054 U	0.086	0.07	0.13	0.075	0.075	0.51	0.11	0.081	0.22	0.077	3.4	0.068	0.054 U	0.32	0.21	0.056	1.2	0.19
Vinyl chloride	0.020 U	0.026 U	0.026 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U

Notes:

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

U - Not detected above reporting limit

NS - Not Sampled

* - Recovery or RPD exceeds control limits

J - Estimated

NJ - Tentative in identification and estimated

Attachment D
Data Validation Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
Facsimile 518-251-4428

November 2, 2012

Mark Flusche
ARCADIS
855 Route 146 Suite 210
Clifton Park, NY 12065

RE: Validation of the Former Philips Display Components Facility, Seneca Falls Site Data Package
Indoor and Outdoor Air Samples- October 2012
TestAmerica-VT SDG No. 200-13133-1

Dear Mr. Flusche:

Review has been completed for the data package generated by TestAmerica Laboratories (TAL-VT) that pertains to air samples collected on October 9, 2012 at the Seneca Falls, NY site. Fifteen 6-L summa canisters and a field duplicate were analyzed for sixteen site-specific volatile analytes using USEPA method TO-15.

Data validation was performed using guidance from the 2006 USEPA Region II validation SOP HW-31, with consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Internal Standard Recoveries
* Method and Canister Blanks
* Blind Field Duplicate Correlation
* Laboratory Control Samples (LCSs)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

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

In summary, sample processing was conducted in compliance with project requirements. All sample results are usable either as reported or with minor qualification.

The client and laboratory sample identifications and the laboratory case narrative are attached to this text, and should be reviewed in conjunction with this report. Also attached are the laboratory sample result forms, qualified with the validation qualifiers noted below.

Volatile Analyses by EPA TO-15

The following detected results are qualified as tentative in identification and estimated in value due to interferences in the mass spectra:

- 1,2-dichoroethane in IA-B1A-01
- cis-1,2-dichloroethene in IA-B9-01 and IA-B9-02

Holding times and instrument tunes meet requirements. Internal standard recoveries are within the required ranges. Method and canister blanks show no contamination. The clean canister certifications were reviewed during validation.

The blind field duplicate evaluation of IA-B11-02 shows good correlations.

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.

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

Very truly yours,

Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

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

CLIENT and LABORATORY SAMPLE IDs and CASE NARRATIVE

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-13133-2	IA-B7-01	Air	10/09/2012 1412	10/10/2012 1000
200-13133-3	IA-B11-02	Air	10/09/2012 1502	10/10/2012 1000
200-13133-4	IA-B11-01	Air	10/09/2012 1546	10/10/2012 1000
200-13133-5	OA-B11-01	Air	10/09/2012 1545	10/10/2012 1000
200-13133-6	OA-B2-01	Air	10/09/2012 1533	10/10/2012 1000
200-13133-7	IA-B1A-01	Air	10/09/2012 1535	10/10/2012 1000
200-13133-8	IA-B7-02	Air	10/09/2012 1608	10/10/2012 1000
200-13133-9	IA-B1A-BASE	Air	10/09/2012 1534	10/10/2012 1000
200-13133-10	IA-DUPE	Air	10/09/2012 1502	10/10/2012 1000
200-13133-11	IA-B9-02	Air	10/09/2012 1530	10/10/2012 1000
200-13133-12	IA-B13-01	Air	10/09/2012 1548	10/10/2012 1000
200-13133-13	IA-B9-01	Air	10/09/2012 1607	10/10/2012 1000
200-13133-14	IA-B9-CS	Air	10/09/2012 1609	10/10/2012 1000
200-13133-15	IA-B10-01	Air	10/09/2012 1555	10/10/2012 1000
200-13133-16	IA-B10A-01	Air	10/09/2012 1558	10/10/2012 1000
200-13133-17	IA-B13A-01	Air	10/09/2012 1550	10/10/2012 1000

CASE NARRATIVE

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Project: Seneca Falls

Report Number: 200-13133-1

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

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

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

RECEIPT

The samples were received on 10/10/2012; the samples arrived in good condition.

LOW LEVEL VOLATILE ORGANIC COMPOUNDS

Samples IA-B7-01, IA-B11-02, IA-B11-01, OA-B11-01, OA-B2-01, IA-B1A-01, IA-B7-02, IA-B1A-BASE, IA-DUPE, IA-B9-02, IA-B13-01, IA-B9-01, IA-B9-CS, IA-B10-01, IA-B10A-01 and IA-B13A-01 were analyzed for Low Level Volatile Organic Compounds in accordance with EPA Method TO-15. The samples were analyzed on 10/16/2012 and 10/17/2012.

Samples IA-B7-01[4X], IA-B11-02[4X], IA-B11-01[4X], IA-B1A-01[3X], IA-B7-02[4X], IA-B1A-BASE[2X], IA-DUPE[3X], IA-B9-02[8X], IA-B13-01[2X], IA-B9-01[3X], IA-B9-CS[10X], IA-B10-01[10X] and IA-B10A-01[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Low Level VOC analyses.

All quality control parameters were within the acceptance limits.

QUALIFIED SAMPLE RESULTS FORMS

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-2
Client Matrix: Air

Date Sampled: 10/09/2012 1412
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf006.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	10/16/2012 1338			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1338			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.075		0.040	0.040
1,1,1-Trichloroethane	0.040	U	0.040	0.040
Benzene	0.42		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	2.0		0.040	0.040
Toluene	1.5		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.17		0.040	0.040
o-Xylene	0.18		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.56		0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.30		0.16	0.16
1,1,1-Trichloroethane	0.22	U	0.22	0.22
Benzene	1.3		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	11		0.21	0.21
Toluene	5.7		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.74		0.17	0.17
o-Xylene	0.80		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	2.4		0.17	0.35

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-3
Client Matrix: Air

Date Sampled: 10/09/2012 1502
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf007.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	10/16/2012 1432			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1432			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.16		0.040	0.040
1,1,1-Trichloroethane	0.065		0.040	0.040
Benzene	0.35		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	1.3		0.040	0.040
Toluene	0.26		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.18		0.040	0.040
o-Xylene	0.23		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.69		0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.62		0.16	0.16
1,1,1-Trichloroethane	0.36		0.22	0.22
Benzene	1.1		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	7.2		0.21	0.21
Toluene	0.99		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.79		0.17	0.17
o-Xylene	1.0		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	3.0		0.17	0.35

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-4
Client Matrix: Air

Date Sampled: 10/09/2012 1546
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf008.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	10/16/2012 1526			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1526			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.17		0.040	0.040
1,1,1-Trichloroethane	0.066		0.040	0.040
Benzene	0.41		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	1.8		0.040	0.040
Toluene	0.24		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.17		0.040	0.040
o-Xylene	0.24		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.67		0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.66		0.16	0.16
1,1,1-Trichloroethane	0.36		0.22	0.22
Benzene	1.3		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	9.5		0.21	0.21
Toluene	0.92		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.75		0.17	0.17
o-Xylene	1.0		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	2.9		0.17	0.35

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-5
Client Matrix: Air

Date Sampled: 10/09/2012 1545
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf009.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	10/16/2012 1619			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1619			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.017		0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.089		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.036		0.010	0.010
Toluene	0.13		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.020		0.010	0.010
o-Xylene	0.023		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.056		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.066		0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.28		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.19		0.054	0.054
Toluene	0.47		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.086		0.043	0.043
o-Xylene	0.10		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.24		0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-6
Client Matrix: Air

Date Sampled: 10/09/2012 1533
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf010.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	10/16/2012 1714			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1714			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.010	U	0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1,1-Trichloroethane	0.010	U	0.010	0.010
Benzene	0.074		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.020		0.010	0.010
Toluene	0.092		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.010	U	0.010	0.010
o-Xylene	0.010	U	0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.020	U	0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.055	U	0.055	0.055
Benzene	0.23		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	0.11		0.054	0.054
Toluene	0.35		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.043	U	0.043	0.043
o-Xylene	0.043	U	0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	0.087	U	0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-7
Client Matrix: Air

Date Sampled: 10/09/2012 1535
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf011.d
Dilution:	2.99			Initial Weight/Volume:	167 mL
Analysis Date:	10/16/2012 1808			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1808			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.060	U	0.060	0.060
1,1-Dichloroethene	0.030	U	0.030	0.030
trans-1,2-Dichloroethene	0.030	U	0.030	0.030
1,1-Dichloroethane	0.030	U	0.030	0.030
cis-1,2-Dichloroethene	0.14		0.030	0.030
1,1,1-Trichloroethane	0.051		0.030	0.030
Benzene	0.26		0.030	0.030
1,2-Dichloroethane	0.082	NJ	0.060	0.060
Trichloroethene	0.97		0.030	0.030
Toluene	1.1		0.030	0.030
1,1,2-Trichloroethane	0.030	U	0.030	0.030
Tetrachloroethene	0.17		0.030	0.030
Ethylbenzene	0.17		0.030	0.030
o-Xylene	0.17		0.030	0.030
1,1,2,2-Tetrachloroethane	0.030	U	0.030	0.030
m-Xylene & p-Xylene	0.55		0.030	0.060

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.15	U	0.15	0.15
1,1-Dichloroethene	0.12	U	0.12	0.12
trans-1,2-Dichloroethene	0.12	U	0.12	0.12
1,1-Dichloroethane	0.12	U	0.12	0.12
cis-1,2-Dichloroethene	0.55		0.12	0.12
1,1,1-Trichloroethane	0.28		0.16	0.16
Benzene	0.83		0.096	0.096
1,2-Dichloroethane	0.33	NJ	0.24	0.24
Trichloroethene	5.2		0.16	0.16
Toluene	4.0		0.11	0.11
1,1,2-Trichloroethane	0.16	U	0.16	0.16
Tetrachloroethene	1.1		0.20	0.20
Ethylbenzene	0.74		0.13	0.13
o-Xylene	0.74		0.13	0.13
1,1,2,2-Tetrachloroethane	0.21	U	0.21	0.21
m-Xylene & p-Xylene	2.4		0.13	0.26

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-8
Client Matrix: Air

Date Sampled: 10/09/2012 1608
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf012.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	10/16/2012 1902			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1902			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1,1-Trichloroethane	0.040	U	0.040	0.040
Benzene	0.19		0.040	0.040
1,2-Dichloroethane	0.11		0.080	0.080
Trichloroethene	1.3		0.040	0.040
Toluene	0.39		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.084		0.040	0.040
o-Xylene	0.081		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.22		0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1,1-Trichloroethane	0.22	U	0.22	0.22
Benzene	0.60		0.13	0.13
1,2-Dichloroethane	0.43		0.32	0.32
Trichloroethene	6.8		0.21	0.21
Toluene	1.5		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.37		0.17	0.17
o-Xylene	0.35		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	0.94		0.17	0.35

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-9
Client Matrix: Air

Date Sampled: 10/09/2012 1534
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf013.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	10/16/2012 1956			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 1956			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.020	U	0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.056		0.020	0.020
1,1,1-Trichloroethane	0.021		0.020	0.020
Benzene	0.088		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	0.84		0.020	0.020
Toluene	0.18		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.053		0.020	0.020
Ethylbenzene	0.026		0.020	0.020
o-Xylene	0.030		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.084		0.020	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.22		0.079	0.079
1,1,1-Trichloroethane	0.11		0.11	0.11
Benzene	0.28		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	4.5		0.11	0.11
Toluene	0.69		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.36		0.14	0.14
Ethylbenzene	0.11		0.087	0.087
o-Xylene	0.13		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	0.37		0.087	0.17

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

Client Sample ID: **IA-DUPE**

Lab Sample ID: 200-13133-10
Client Matrix: Air

Date Sampled: 10/09/2012 1502
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf014.d
Dilution:	2.99			Initial Weight/Volume:	167 mL
Analysis Date:	10/16/2012 2050			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 2050			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.060	U	0.060	0.060
1,1-Dichloroethene	0.030	U	0.030	0.030
trans-1,2-Dichloroethene	0.030	U	0.030	0.030
1,1-Dichloroethane	0.030	U	0.030	0.030
cis-1,2-Dichloroethene	0.16		0.030	0.030
1,1,1-Trichloroethane	0.063		0.030	0.030
Benzene	0.38		0.030	0.030
1,2-Dichloroethane	0.060	U	0.060	0.060
Trichloroethene	1.4		0.030	0.030
Toluene	0.27		0.030	0.030
1,1,2-Trichloroethane	0.030	U	0.030	0.030
Tetrachloroethene	0.030	U	0.030	0.030
Ethylbenzene	0.20		0.030	0.030
o-Xylene	0.28		0.030	0.030
1,1,2,2-Tetrachloroethane	0.030	U	0.030	0.030
m-Xylene & p-Xylene	0.82		0.030	0.060

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.15	U	0.15	0.15
1,1-Dichloroethene	0.12	U	0.12	0.12
trans-1,2-Dichloroethene	0.12	U	0.12	0.12
1,1-Dichloroethane	0.12	U	0.12	0.12
cis-1,2-Dichloroethene	0.65		0.12	0.12
1,1,1-Trichloroethane	0.34		0.16	0.16
Benzene	1.2		0.096	0.096
1,2-Dichloroethane	0.24	U	0.24	0.24
Trichloroethene	7.4		0.16	0.16
Toluene	1.0		0.11	0.11
1,1,2-Trichloroethane	0.16	U	0.16	0.16
Tetrachloroethene	0.20	U	0.20	0.20
Ethylbenzene	0.85		0.13	0.13
o-Xylene	1.2		0.13	0.13
1,1,2,2-Tetrachloroethane	0.21	U	0.21	0.21
m-Xylene & p-Xylene	3.6		0.13	0.26

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-11
Client Matrix: Air

Date Sampled: 10/09/2012 1530
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf015.d
Dilution:	7.94			Initial Weight/Volume:	63 mL
Analysis Date:	10/16/2012 2144			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 2144			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.16	U	0.16	0.16
1,1-Dichloroethene	0.079	U	0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.079	U	0.079	0.079
cis-1,2-Dichloroethene	0.083	NJ	0.079	0.079
1,1,1-Trichloroethane	0.079	U	0.079	0.079
Benzene	0.35		0.079	0.079
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	3.0		0.079	0.079
Toluene	0.39		0.079	0.079
1,1,2-Trichloroethane	0.079	U	0.079	0.079
Tetrachloroethene	0.079	U	0.079	0.079
Ethylbenzene	0.16		0.079	0.079
o-Xylene	0.18		0.079	0.079
1,1,2,2-Tetrachloroethane	0.079	U	0.079	0.079
m-Xylene & p-Xylene	0.37		0.079	0.16

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.41	U	0.41	0.41
1,1-Dichloroethene	0.31	U	0.31	0.31
trans-1,2-Dichloroethene	0.31	U	0.31	0.31
1,1-Dichloroethane	0.32	U	0.32	0.32
cis-1,2-Dichloroethene	0.33	NJ	0.31	0.31
1,1,1-Trichloroethane	0.43	U	0.43	0.43
Benzene	1.1		0.25	0.25
1,2-Dichloroethane	0.64	U	0.64	0.64
Trichloroethene	16		0.43	0.43
Toluene	1.5		0.30	0.30
1,1,2-Trichloroethane	0.43	U	0.43	0.43
Tetrachloroethene	0.54	U	0.54	0.54
Ethylbenzene	0.69		0.34	0.34
o-Xylene	0.76		0.34	0.34
1,1,2,2-Tetrachloroethane	0.55	U	0.55	0.55
m-Xylene & p-Xylene	1.6		0.34	0.69

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-12
Client Matrix: Air

Date Sampled: 10/09/2012 1548
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf016.d
Dilution:	2.0			Initial Weight/Volume:	250 mL
Analysis Date:	10/16/2012 2239			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 2239			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.040	U	0.040	0.040
1,1-Dichloroethene	0.051		0.020	0.020
trans-1,2-Dichloroethene	0.020	U	0.020	0.020
1,1-Dichloroethane	0.020	U	0.020	0.020
cis-1,2-Dichloroethene	0.12		0.020	0.020
1,1,1-Trichloroethane	0.11		0.020	0.020
Benzene	0.21		0.020	0.020
1,2-Dichloroethane	0.040	U	0.040	0.040
Trichloroethene	0.61		0.020	0.020
Toluene	0.27		0.020	0.020
1,1,2-Trichloroethane	0.020	U	0.020	0.020
Tetrachloroethene	0.020	U	0.020	0.020
Ethylbenzene	0.13		0.020	0.020
o-Xylene	0.17		0.020	0.020
1,1,2,2-Tetrachloroethane	0.020	U	0.020	0.020
m-Xylene & p-Xylene	0.50		0.020	0.040

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.10	U	0.10	0.10
1,1-Dichloroethene	0.20		0.079	0.079
trans-1,2-Dichloroethene	0.079	U	0.079	0.079
1,1-Dichloroethane	0.081	U	0.081	0.081
cis-1,2-Dichloroethene	0.46		0.079	0.079
1,1,1-Trichloroethane	0.60		0.11	0.11
Benzene	0.68		0.064	0.064
1,2-Dichloroethane	0.16	U	0.16	0.16
Trichloroethene	3.3		0.11	0.11
Toluene	1.0		0.075	0.075
1,1,2-Trichloroethane	0.11	U	0.11	0.11
Tetrachloroethene	0.14	U	0.14	0.14
Ethylbenzene	0.55		0.087	0.087
o-Xylene	0.72		0.087	0.087
1,1,2,2-Tetrachloroethane	0.14	U	0.14	0.14
m-Xylene & p-Xylene	2.2		0.087	0.17

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-13
Client Matrix: Air

Date Sampled: 10/09/2012 1607
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf017.d
Dilution:	2.99			Initial Weight/Volume:	167 mL
Analysis Date:	10/16/2012 2333			Final Weight/Volume:	500 mL
Prep Date:	10/16/2012 2333			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.060	U	0.060	0.060
1,1-Dichloroethene	0.030	U	0.030	0.030
trans-1,2-Dichloroethene	0.030	U	0.030	0.030
1,1-Dichloroethane	0.030	U	0.030	0.030
cis-1,2-Dichloroethene	0.031	NJ	0.030	0.030
1,1,1-Trichloroethane	0.030	U	0.030	0.030
Benzene	0.21		0.030	0.030
1,2-Dichloroethane	0.060	U	0.060	0.060
Trichloroethene	1.1		0.030	0.030
Toluene	0.45		0.030	0.030
1,1,2-Trichloroethane	0.030	U	0.030	0.030
Tetrachloroethene	0.030	U	0.030	0.030
Ethylbenzene	0.070		0.030	0.030
o-Xylene	0.067		0.030	0.030
1,1,2,2-Tetrachloroethane	0.030	U	0.030	0.030
m-Xylene & p-Xylene	0.21		0.030	0.060

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.15	U	0.15	0.15
1,1-Dichloroethene	0.12	U	0.12	0.12
trans-1,2-Dichloroethene	0.12	U	0.12	0.12
1,1-Dichloroethane	0.12	U	0.12	0.12
cis-1,2-Dichloroethene	0.12	NJ	0.12	0.12
1,1,1-Trichloroethane	0.16	U	0.16	0.16
Benzene	0.66		0.096	0.096
1,2-Dichloroethane	0.24	U	0.24	0.24
Trichloroethene	5.8		0.16	0.16
Toluene	1.7		0.11	0.11
1,1,2-Trichloroethane	0.16	U	0.16	0.16
Tetrachloroethene	0.20	U	0.20	0.20
Ethylbenzene	0.30		0.13	0.13
o-Xylene	0.29		0.13	0.13
1,1,2,2-Tetrachloroethane	0.21	U	0.21	0.21
m-Xylene & p-Xylene	0.91		0.13	0.26

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-14
Client Matrix: Air

Date Sampled: 10/09/2012 1609
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf018.d
Dilution:	10			Initial Weight/Volume:	50 mL
Analysis Date:	10/17/2012 0028			Final Weight/Volume:	500 mL
Prep Date:	10/17/2012 0028			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1,1-Trichloroethane	0.10	U	0.10	0.10
Benzene	0.15		0.10	0.10
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	5.3		0.10	0.10
Toluene	0.20		0.10	0.10
1,1,2-Trichloroethane	0.10	U	0.10	0.10
Tetrachloroethene	0.10	U	0.10	0.10
Ethylbenzene	0.10	U	0.10	0.10
o-Xylene	0.10	U	0.10	0.10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.10
m-Xylene & p-Xylene	0.20	U	0.10	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.51	0.51
1,1-Dichloroethene	0.40	U	0.40	0.40
trans-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1-Dichloroethane	0.40	U	0.40	0.40
cis-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1,1-Trichloroethane	0.55	U	0.55	0.55
Benzene	0.49		0.32	0.32
1,2-Dichloroethane	0.81	U	0.81	0.81
Trichloroethene	29		0.54	0.54
Toluene	0.76		0.38	0.38
1,1,2-Trichloroethane	0.55	U	0.55	0.55
Tetrachloroethene	0.68	U	0.68	0.68
Ethylbenzene	0.43	U	0.43	0.43
o-Xylene	0.43	U	0.43	0.43
1,1,2,2-Tetrachloroethane	0.69	U	0.69	0.69
m-Xylene & p-Xylene	0.87	U	0.43	0.87

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-15
Client Matrix: Air

Date Sampled: 10/09/2012 1555
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf019.d
Dilution:	10			Initial Weight/Volume:	50 mL
Analysis Date:	10/17/2012 0122			Final Weight/Volume:	500 mL
Prep Date:	10/17/2012 0122			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.10	U	0.10	0.10
trans-1,2-Dichloroethene	0.10	U	0.10	0.10
1,1-Dichloroethane	0.10	U	0.10	0.10
cis-1,2-Dichloroethene	0.20		0.10	0.10
1,1,1-Trichloroethane	0.10	U	0.10	0.10
Benzene	0.46		0.10	0.10
1,2-Dichloroethane	0.20	U	0.20	0.20
Trichloroethene	4.2		0.10	0.10
Toluene	0.26		0.10	0.10
1,1,2-Trichloroethane	0.10	U	0.10	0.10
Tetrachloroethene	0.10	U	0.10	0.10
Ethylbenzene	0.11		0.10	0.10
o-Xylene	0.10	U	0.10	0.10
1,1,2,2-Tetrachloroethane	0.10	U	0.10	0.10
m-Xylene & p-Xylene	0.29		0.10	0.20

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.51	U	0.51	0.51
1,1-Dichloroethene	0.40	U	0.40	0.40
trans-1,2-Dichloroethene	0.40	U	0.40	0.40
1,1-Dichloroethane	0.40	U	0.40	0.40
cis-1,2-Dichloroethene	0.81		0.40	0.40
1,1,1-Trichloroethane	0.55	U	0.55	0.55
Benzene	1.5		0.32	0.32
1,2-Dichloroethane	0.81	U	0.81	0.81
Trichloroethene	23		0.54	0.54
Toluene	0.98		0.38	0.38
1,1,2-Trichloroethane	0.55	U	0.55	0.55
Tetrachloroethene	0.68	U	0.68	0.68
Ethylbenzene	0.46		0.43	0.43
o-Xylene	0.43	U	0.43	0.43
1,1,2,2-Tetrachloroethane	0.69	U	0.69	0.69
m-Xylene & p-Xylene	1.2		0.43	0.87

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-17
Client Matrix: Air

Date Sampled: 10/09/2012 1550
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf021.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Analysis Date:	10/17/2012 0312			Final Weight/Volume:	500 mL
Prep Date:	10/17/2012 0312			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.020	U	0.020	0.020
1,1-Dichloroethene	0.030		0.010	0.010
trans-1,2-Dichloroethene	0.010	U	0.010	0.010
1,1-Dichloroethane	0.010	U	0.010	0.010
cis-1,2-Dichloroethene	0.062		0.010	0.010
1,1,1-Trichloroethane	0.061		0.010	0.010
Benzene	0.14		0.010	0.010
1,2-Dichloroethane	0.020	U	0.020	0.020
Trichloroethene	0.29		0.010	0.010
Toluene	0.27		0.010	0.010
1,1,2-Trichloroethane	0.010	U	0.010	0.010
Tetrachloroethene	0.010	U	0.010	0.010
Ethylbenzene	0.16		0.010	0.010
o-Xylene	0.20		0.010	0.010
1,1,2,2-Tetrachloroethane	0.010	U	0.010	0.010
m-Xylene & p-Xylene	0.57		0.010	0.020

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.051	U	0.051	0.051
1,1-Dichloroethene	0.12		0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.25		0.040	0.040
1,1,1-Trichloroethane	0.33		0.055	0.055
Benzene	0.44		0.032	0.032
1,2-Dichloroethane	0.081	U	0.081	0.081
Trichloroethene	1.6		0.054	0.054
Toluene	1.0		0.038	0.038
1,1,2-Trichloroethane	0.055	U	0.055	0.055
Tetrachloroethene	0.068	U	0.068	0.068
Ethylbenzene	0.69		0.043	0.043
o-Xylene	0.89		0.043	0.043
1,1,2,2-Tetrachloroethane	0.069	U	0.069	0.069
m-Xylene & p-Xylene	2.5		0.043	0.087

Client: Malcolm Pirnie, Inc. Invoice to Arcadis

Job Number: 200-13133-1
Sdg Number: 200-13133

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

Lab Sample ID: 200-13133-16
Client Matrix: Air

Date Sampled: 10/09/2012 1558
Date Received: 10/10/2012 1000

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

Analysis Method:	TO15 LL	Analysis Batch:	200-46563	Instrument ID:	E.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	eevaf020.d
Dilution:	4.0			Initial Weight/Volume:	125 mL
Analysis Date:	10/17/2012 0217			Final Weight/Volume:	500 mL
Prep Date:	10/17/2012 0217			Injection Volume:	500 mL

Analyte	Result (ppb v/v)	Qualifier	MDL	RL
Vinyl chloride	0.080	U	0.080	0.080
1,1-Dichloroethene	0.040	U	0.040	0.040
trans-1,2-Dichloroethene	0.040	U	0.040	0.040
1,1-Dichloroethane	0.040	U	0.040	0.040
cis-1,2-Dichloroethene	0.32		0.040	0.040
1,1,1-Trichloroethane	0.067		0.040	0.040
Benzene	0.25		0.040	0.040
1,2-Dichloroethane	0.080	U	0.080	0.080
Trichloroethene	1.5		0.040	0.040
Toluene	0.20		0.040	0.040
1,1,2-Trichloroethane	0.040	U	0.040	0.040
Tetrachloroethene	0.040	U	0.040	0.040
Ethylbenzene	0.088		0.040	0.040
o-Xylene	0.086		0.040	0.040
1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
m-Xylene & p-Xylene	0.25		0.040	0.080

Analyte	Result (ug/m3)	Qualifier	MDL	RL
Vinyl chloride	0.20	U	0.20	0.20
1,1-Dichloroethene	0.16	U	0.16	0.16
trans-1,2-Dichloroethene	0.16	U	0.16	0.16
1,1-Dichloroethane	0.16	U	0.16	0.16
cis-1,2-Dichloroethene	1.3		0.16	0.16
1,1,1-Trichloroethane	0.37		0.22	0.22
Benzene	0.81		0.13	0.13
1,2-Dichloroethane	0.32	U	0.32	0.32
Trichloroethene	7.9		0.21	0.21
Toluene	0.76		0.15	0.15
1,1,2-Trichloroethane	0.22	U	0.22	0.22
Tetrachloroethene	0.27	U	0.27	0.27
Ethylbenzene	0.38		0.17	0.17
o-Xylene	0.37		0.17	0.17
1,1,2,2-Tetrachloroethane	0.27	U	0.27	0.27
m-Xylene & p-Xylene	1.1		0.17	0.35