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INDOOR AIR ASSESSMENT
PHASE IV SAMPLING EVENT

EMERSON POWER TRANSMISSION FACILITY
ITHACA, NEW YORK

PREPARED

BY

ENVIRONMENTAL STRATEGIES CONSULTING LLC

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A QUANTA TECHNICAL SERVICES COMPANY

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Acronym List

EPA	U.S. Environmental Protection Agency
EPT	Emerson Power Transmission
$\mu g/m^3$	micrograms per cubic meter
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	photoionization detector
QA/QC	quality assurance and quality control
TCE	trichloroethene
VOCs	volatile organic compounds

1.0 Introduction

Environmental Strategies Consulting LLC, on behalf of Emerson, has prepared this Indoor Air Assessment Report to summarize the methods and results of the Phase IV indoor air and sub-slab soil gas sampling activities conducted at selected residences in the South Hill neighborhood near the Emerson Power Transmission (EPT) facility in Ithaca, New York. The sampling activities were conducted in accordance with the approved original work plan dated September 23, 2005, and the New York State Department of Health's (NYSDOH's) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated February 2005. The Phase IV sampling activities were designed to further evaluate whether volatile organic compounds (VOCs) previously detected in groundwater and vadose zone soil gas samples collected in the area north of the EPT site are present in soil gas below specific residences and potentially affecting indoor air quality in these residences.

Section 2 of the report provides background information on the site and summarizes the previous phases of monitoring. This is followed by Section 3, which provides a description of the sampling methods, including the pre-sampling activities (access, interview, and material inventory process), sampling procedures/methods, sample analysis, and quality assurance/quality control procedures. The sampling results are discussed in Section 4.

2.0 Site Background

2.1 Site Location

The EPT facility is located at 620 South Aurora Street in Ithaca, New York (Figure 1). The site comprises approximately 110 acres within the City of Ithaca and the Town of Ithaca in Tompkins County and includes the New York State Electric and Gas substation property to the west. The area surrounding the facility is mostly residential. The campus of Ithaca College is located to the east across South Aurora Street. The southern portion of the property is unused and vacant. Wooded land and residential areas border the property to the west, and residential areas are located to the north. Cayuga Lake is approximately 2 miles north of the site.

2.2 Site History

The EPT plant was built in 1906 by Morse Industrial Corporation, which manufactured steel roller chain for the automobile industry. From approximately 1928 to 1982, Borg Warner owned the company and manufactured automotive components and power transmission equipment. Up until the early 1980s, Morse Industrial Corporation used trichloroethylene (TCE), a widely-used solvent for cleaning and degreasing metal parts. In 1983, Emerson purchased Morse Industrial Corporation from Borg-Warner Corporation and became known as Emerson Power Transmission. EPT manufactures industrial roller chain, bearings and clutching for the power transmission industry. Under Emerson's ownership, TCE was not used at the Ithaca facility. Investigations conducted by Emerson revealed onsite groundwater contamination in 1987, originating from a firewater reservoir located on the western portion of the facility property. Emerson promptly reported these findings to the New York State Department of Environmental Conservation (NYSDEC).

2.3 Previous Investigations

Three previous phases of indoor air sampling have been conducted in the South Hill neighborhood: Phase I was completed in the fall of 2004, Phase II in the winter of 2005, and Phase III in the fall of 2005. The study area for Phase I consisted of 51 homes, of which 43 were sampled (Figure 2). Eight homes were added to the study area for Phase II for a total of

59 homes, of which 54 homes were sampled (Figure 2). Based on a comparison of the sampling results from Phases I and II sampling with the NYSDOH indoor air matrices, 36 homes were designated as no further action, 16 homes required further monitoring, and 3 homes warranted mitigation. Mitigation systems were offered to the three homeowners. A mitigation system was accepted by one homeowner and was installed in January 2005. The two remaining homeowners elected to have their homes re-sampled, and the Phase II results did not show levels of site-related VOCs that warranted further action based on the NYSDOH Soil Vapor/Indoor Air Matrix. For confirmation purposes, these two homes were sampled again during Phase III.

Twenty-six new homes were added to the study area for the Phase III sampling (Figure 2). A total of 43 homes were sampled during Phase III, including 22 of the 26 new homes in the expanded study area and 21 homes that either required follow-up sampling or where access was newly obtained from homeowners that had not previously responded during the Phase I and/or Phase II sampling events. Based on a comparison of the sub-slab soil vapor and indoor air sampling results with the NYSDOH matrices, 10 homes were designated as no further action, 32 homes required further monitoring, and 3 homes warranted mitigation. Mitigation systems were offered to the owners of those three properties. All three homeowners accepted the offer, and the mitigation systems were installed in the winter/spring of 2006. The two properties that were offered mitigation based on the Phase I sample results were re-sampled in Phase II and Phase III; the results for one indicated no further action is necessary and the results for the other indicated required further monitoring based on NYSDOH matrix.

In summary, during Phases I, II, and III of the indoor air sampling a total of 85 homes were included in the study area. Of those 85 homes, 79 homes were sampled at least one time. No access was provided for four homes, and two homes for which access was granted in Phase III were not sampled due to scheduling issues. At the completion of Phase III sampling, 45 homes had no further action required, 32 home required further monitoring (including the 2 homes where access was received during Phase III but they were unable to be scheduled), and 4 homes had mitigation systems installed.

2.4 Previous Remediation

On March 6, 2006, Emerson announced a voluntary offer to mitigate homes in the study area in which TCE concentrations in indoor air were detected above 0.8 micrograms per cubic meter ($\mu g/m^3$) during at least one sampling event (Phase I, II, or III). Based on this criterion, 28 homes were offered voluntary mitigation. Homes that were offered voluntary mitigation were not re-sampled.

3.0 Indoor Air Sampling

The objective of the Phase IV indoor air sampling activities was to collect indoor air and sub-slab soil gas samples from residential buildings and ambient outdoor air samples to further evaluate whether VOCs are affecting indoor air quality. The Phase IV sampling event involved sampling 15 of the 18 new homes in the expanded study area plus follow-up sampling of 10 homes previously sampled and sampling of 1 home where access was newly obtained from the homeowner identified for sampling as part of the Phase II event. Access agreements were not received from three property owners (Properties 89, 90, and 98). Therefore, a total of 26 homes were sampled during Phase IV.

Random ID numbers were assigned to each of the 18 additional properties to protect the privacy of the property owners. The properties sampled during Phases I, II, III, and IV are listed in Table 1.

The sampling activities were conducted in accordance with the approved original work plan dated September 23, 2005 and the NYSDOH's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated February 2005. The pre-sampling activities were conducted at least 48 hours, and no more than 1 week, before the actual sampling event. Indoor air samples were collected in the basement and first-floor living spaces of each structure. In property 59, a first-floor sample was not collected due to the tenant's decision to not permit sampling within the unit. Sub-slab soil gas samples were collected from each structure with a complete or partial basement floor slab. Sub-slab soil gas samples were not collected from two properties (properties 96 and 103) due to the absence of a partial slab and the presence of a wood floor directly over dirt/bedrock. No soil vapor probes were installed at these properties with the verbal approval of the NYSDOH. In general, outdoor air samples were collected from two locations in the vicinity of the homes being sampled on a particular day to establish ambient conditions.

3.1 Pre-Sampling Activities

Initially, an access agreement was obtained from each homeowner and a pre-sampling interview was performed. During the initial site visit to the properties, a building inspection and materials inventory were conducted. If a partial or complete slab was present in the basement, a

soil gas probe was installed to prepare for sampling. Below, each of these activities is described in more detail.

3.1.1 Obtaining Property Access

A letter and an access agreement were sent to the 18 property owners in the expanded study area 30 to 60 days before the scheduled start of the sampling activities. The letter informed the property owner of the proposed sampling activities and the proposed project schedule and requested that the property owner sign and return the access agreement. The access agreement specified the conditions for granting access to conduct the sampling activities. Two attempts were made to obtain access from homeowners.

3.1.2 Pre-Sampling Interview

Homeowners were first contacted by telephone for purposes of explaining the scope of the proposed sampling activities and to obtain information on the construction of the residence (slab-on-grade, basement, crawl space, and type of basement floor). During the discussion, information was requested on materials stored in the home and a schedule was established for the sampling activities. A copy of the pre-site visit questionnaire is presented in Appendix A.

3.1.3 Building Inspection and Materials Inventory

A pre-sampling site inspection and materials inventory was conducted at each residence a minimum of 2 days before conducting the sampling activities. During the site inspection, Environmental Strategies verified the building construction information obtained during the pre-site visit telephone interview, completed the NYSDOH's indoor air quality questionnaire and building inventory form, and conducted an inventory of materials and equipment stored in the basement and the first floor living spaces. The materials and equipment of concern included petroleum products, gas-powered equipment, kerosene heaters, petroleum-based finishes, products containing petroleum distillates, cosmetics, perfumes and colognes, and pesticides. Each container was scanned with a photoionization detector (PID) for potential VOC vapors. For containers with recognizable VOC ingredients, the product name, the manufacturer's name, the container size, the ingredients, and the PID reading were recorded on the inventory form. For containers with no recognizable VOC ingredients and PID readings above ambient levels, the manufacturer's name, container size, the ingredients, and PID reading were recorded on the inventory form. Containers with no recognizable VOC ingredients and PID readings of ambient levels were not recorded on the inventory form. A copy of the NYSDOH's indoor air quality

questionnaire and building inventory form are presented in Appendix B. Homeowners with products containing chemicals of concern were asked to remove those products during the sampling event. Additionally, several homeowners removed the materials with PID readings above background from their homes before the Phase IV sampling. Notes regarding the removal of these types of products can be found on the inventory forms. A copy of the inventory forms for each residence sampled during Phase IV is included in Appendix C.

At the conclusion of the site inspection, Environmental Strategies reviewed the NYSDOH guidance with the property owner and discussed the activities that should be avoided 24 hours before, and during, sample collection.

3.1.4 Sub-Slab Soil Gas Probe Installation

In structures with a complete or partial basement floor slab, a sub-slab soil gas probe was installed in accordance with NYSDEC guidance and the approved work plan. The sub-slab soil gas probe consisted of 3/8-inch outside-diameter Teflon®-lined tubing, a silicone rubber stopper with a 3/8-inch-diameter perforation, and a modeling clay seal. To install the probe, an electric hammer drill was used to drill a 3/8-inch diameter "inner" hole through the slab and approximately 3 inches into the underlying soil or gravel. Next, a 1-inch-diameter "outer" hole was drilled approximately 1½ inches into the floor slab. A section of tubing was inserted through the stopper such that the tubing did not extend below the base of the slab to prevent the tubing from being plugged. Modeling clay was used to create a seal between the silicone stopper and the floor slab and a clamp was placed on the end of the tubing to prevent soil gas from entering the building. During Phase IV an additional clay seal was applied to the end of the tubing that was clamped shut. This clay was removed for sampling by cutting off the end of the tube.

3.2 Sampling Activities

3.2.1 Indoor Air Sampling

Indoor air samples were collected from the basement (labeled IAB) and first-floor living space (labeled IAF) of each residence, as appropriate (with the exception of property 59 where an IAF sample could not be collected). If the basement or first-floor living level was subdivided into multiple units, an indoor air sample was collected from one unit on each level. The indoor air samples were collected simultaneously with the sub-slab soil gas samples.

Indoor air samples were collected using evacuated 1-liter Entech® canisters positioned approximately 3 feet above the floor to be representative of the breathing zone. The flow regulators were pre-set by the laboratory to collect the samples over a 24-hour period and included a pressure gauge to allow for recording of the starting and final vacuum in the canister. The canisters were prelabeled with the sample name which included the property ID, the type of sample, and the date. In addition, the sample name, canister and regulator numbers, location, time, and date of sample collection were recorded in the field book. The flow regulator was connected to the canister to initiate sample collection. After 24 hours, the canister was disconnected from the regulator. The indoor air samples were then transported to Centek Laboratories LLC of Syracuse, New York, under chain-of-custody procedures.

3.2.2 Sub-Slab Soil Gas Sampling

A sub-slab soil gas sample (labeled SS) was collected from each residence that had at least a partial basement floor slab. Before the sub-slab soil gas sample was collected, a pre-sample purge was conducted to remove dilution air from the tubing and probe assembly. To conduct the pre-sample purge, the clay on the end of the tubing was trimmed off and the clamp on the tubing was released; two probe volumes of air, or approximately 60 cubic centimeters, were evacuated with a hand pump and into a Tedlar® bag at a rate not exceeding 0.2 liter per minute. The valve on the tedlar bag was then closed, removed from the hand pump, and taken outside to be discharged to the atmosphere. The tubing was reclamped before removing the hand pump from the sample tubing. Following the pre-sample purge, vapor samples were collected using evacuated 1-liter canisters and dedicated flow regulators that were pre-set by the laboratory to collect the soil gas sample over a 24-hour period. The canisters were prelabeled with the sample name. The sample name, canister and regulator numbers, location, time, and date of sample collection were recorded in the field book. After 24 hours, the canister was disconnected from the regulator. The soil gas samples were transported to Centek Laboratories LLC under strict chain-of-custody procedures. Following the completion of sampling, the sub-slab soil gas probes were removed from the slab in each home, and the holes were patched with Quikrete® concrete mix. The abandonment of the sub-slab soil gas probes was recorded in the field book along with photographic documentation of the concrete seal.

3.2.3 Outdoor (Ambient) Air Sampling

On each day of sampling, outdoor (ambient) air samples were collected from two locations. On a given sampling day, the ambient outdoor air sampling locations were selected to be representative of the properties to be sampled that day and appropriate sampling locations were selected in the field. Near the end of the Phase IV sampling, fewer properties were sampled each day. If only two properties were being sampled in 1 day, then the ambient outdoor air samples were set up on those two properties. If only one sample was collected on a given sampling day, then only one outdoor air sample was collected and it was set up at the property being sampled.

In accordance with NYSDOH guidance, each outdoor air sample was collected approximately 3 to 5 feet above the ground and away from wind obstructions, if possible. Additionally, collection of the outdoor ambient air samples started approximately 1 hour before the indoor air sampling began. The outdoor ambient air samples were collected with 1-liter canisters over a 24-hour period using the same procedures and analytical methods described above for the indoor air samples.

3.3 Sample Analysis

All sample canisters were shipped to Centek Laboratories, LLC, of Syracuse, New York. As requested by the NYSDEC, the samples were analyzed for the complete list of compounds specified in U.S. Environmental Protection Agency (EPA) Method TO-15. The minimum detection limits using EPA Method TO-15 for all sample types was 0.25 $\mu g/m^3$ for TCE and 1 $\mu g/m^3$ for all other VOCs. Analytical results for all VOCs detected by EPA Method TO-15 and corresponding letters prepared for the property owners were submitted to the NYSDEC and NYSDOH for review. Upon approval by the NYSDOH, final letters transmitting the sampling results were forwarded to the homeowners.

3.4 Quality Assurance/Quality Control Procedures

The sampling canisters used for the sampling activities were certified clean by Centek Laboratories, LLC. This certification involved analyzing the background air inside a clean canister by EPA Method TO-15. If no target compounds were detected at concentrations above the reporting limits, then the canister was evacuated again and all canisters from that lot were

available for sampling. If target compounds were detected at concentrations above the reporting limits, then all canisters from that lot were re-cleaned and a single canister was reanalyzed for the target compounds. Two duplicate indoor air first floor, indoor air basement, and soil gas samples were collected during the Phase IV sampling event. One duplicate outdoor air sample was collected during the Phase IV sampling event. In addition, trip blanks prepared by the laboratory accompanied the containers for two indoor air samples to evaluate the potential for sample cross-contamination during shipment or during sample collection.

Quality assurance and quality control (QA/QC) procedures for validating the laboratory data package are summarized in a QA report included in Appendix D. In general, all data was acceptable as qualified.

4.0 Sampling Results

4.1 Regulatory Guidance

The soil vapor and indoor air matrices contained in the NYSDOH guidance were used to evaluate the indoor air and sub-slab sampling results for all homes. The matrices provide guidance on actions that should be taken to address current and potential exposures related to soil vapor intrusion. Guidance is provided for both sub-slab vapor concentration of a compound and indoor air concentrations of a compound. The NYSDOH soil vapor and indoor air matrices are provided in Table 2.

4.2 Results

The results of the Phase IV indoor air sampling for each home are included in Appendix E. The tables list the results for the eight site-related VOCs first, followed by the non-site-related VOCs analyzed by TO-15.

Based on a comparison of the sub-slab soil vapor and indoor air results with the NYSDOH matrices, 3 of the 26 homes sampled were designated as no further action, as agreed with the NYSDOH. For 21 homes further monitoring is appropriate based on a comparison of the results for sub-slab soil vapor samples and the indoor air basement or first floor samples with the Indoor Air matrix. The NYSDOH has agreed with these findings. The property IDs for homes requiring no further action or further monitoring are presented in Table 3.

Based on a comparison of the sub-slab soil vapor and indoor air results with the NYSDOH matrices, a mitigation system was offered to the owner of property 87 (Table 3). Based on Emerson's offer to voluntarily mitigate homes in the study area where TCE concentrations were detected in indoor air above 0.8 $\mu g/m^3$ during at least one sampling event, a mitigation system was offered to the owner of one property included in the Phase IV sampling event.

Figures

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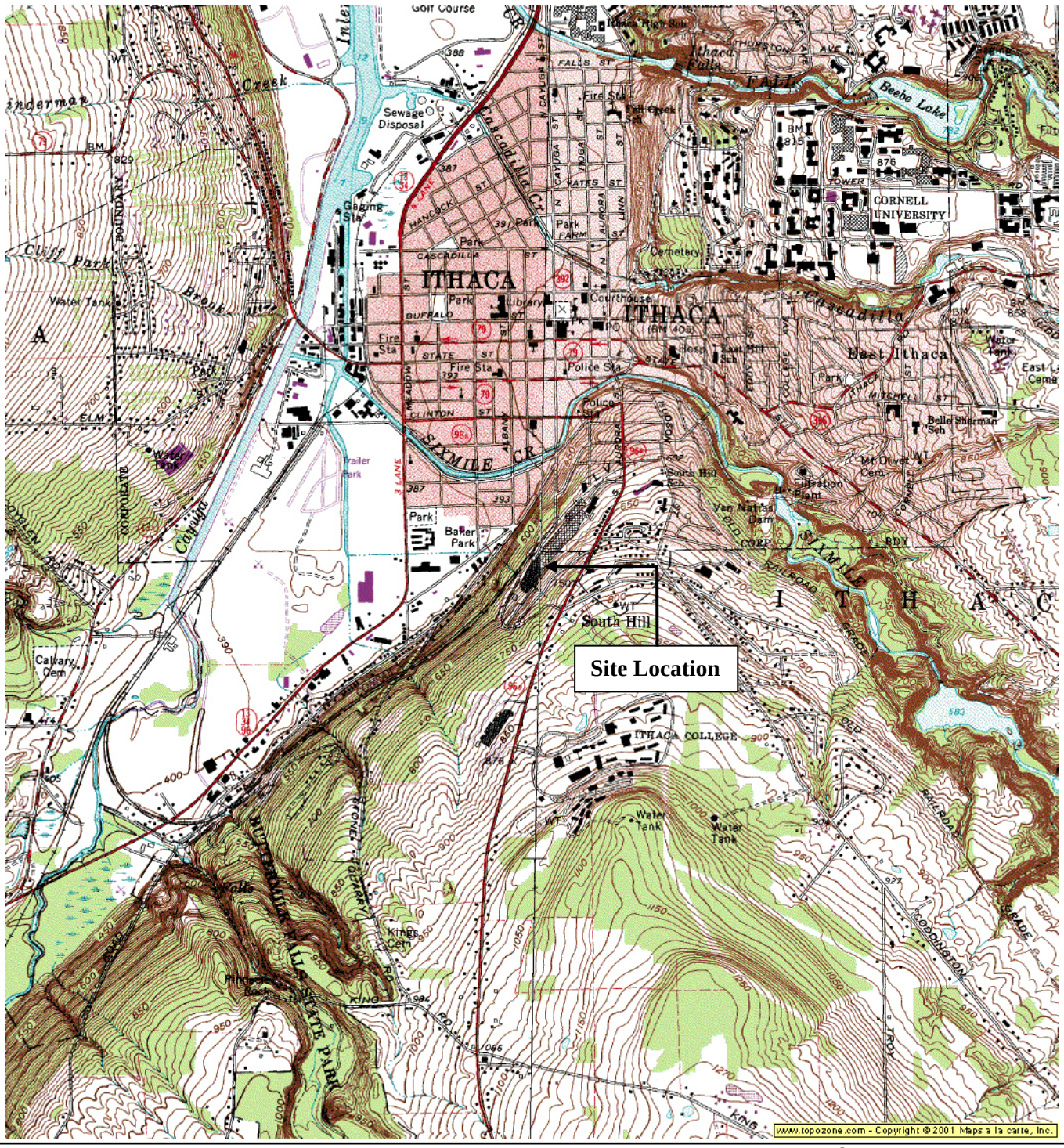

Reference
7.5 Minute Series Topographic Quadrangle
Ithaca East, New York
Photorevised 1976 Scale 1:25,000 Metric

N

Quadrangle Location

Scale in Meters
0 500 1000
0 1000 2000
Scale in Feet

ENVIRONMENTAL STRATEGIES CONSULTING LLC
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Figure 1
Site Location
Emerson Power Transmission
Ithaca, New York

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Figure 2
Phase I, II, III, and IV Study Area
Emerson Power Transmission
Ithaca, New York

127491223A.DWG

Tables

Table 1

Properties Sampled During Phase I, II, III, and IV
Indoor Air Assessment
Emerson Power Transmission Facility
Ithaca, New York

Property ID #	Phase I Fall 2004	Phase II Winter 2005	Phase III Fall 2005	Phase IV Winter 2006
1			✔	✔
2		✔		
3		✔		
4		✔		
5	✔	✔		
6	✔	✔	✔	
7	✔	✔	✔	
8	✔	✔	✔	
9	✔	✔		
10		✔		
11	✔	✔		
12	✔	✔		
13	✔	✔		
14	✔	✔	✔	
15	✔	✔		
16				
17	✔	✔	✔	
18		✔		
19	✔	✔		
20	✔	✔		
21	✔	✔		
23	✔	✔		
24		✔	✔	
25	✔	✔	✔	
26	✔	✔	✔	
27	✔	✔		
28	✔	✔	✔	
29	✔			
30	✔	✔	✔	
31	✔	✔	✔	
32	✔	✔		
33	✔	✔	✔	
34	✔	✔		
35	✔	✔		
36	✔	✔		
37	✔	✔		
38	✔	✔	✔	
39	✔	✔		

Table 1

Properties Sampled During Phase I, II, III, and IV
Indoor Air Assessment
Emerson Power Transmission Facility
Ithaca, New York

Property ID #	Phase I Fall 2004	Phase II Winter 2005	Phase III Fall 2005	Phase IV Winter 2006
40	✔	✔		
41	✔	✔	✔	
42	✔	✔		
43	✔	✔	✔	
44	✔	✔		
45	✔	✔		
46	✔	✔		
47	✔	✔		
48	✔	✔		
49	✔	✔	✔	
50	✔	✔		
51	✔	✔		
52	✔	✔		
53		✔		
54		✔		
55		✔	✔	✔
56		✔		
57			✔	
58		✔	✔	
59				✔
60		✔	✔	
61			✔	
62			✔	
63			✔	
64			✔	✔
65			✔	
66			✔	
67			✔	
68			✔	
69			✔	✔
70			✔	✔
71			✔	
72				
73			✔	
74			✔	
75			✔	✔
76			✔	
77			✔	✔

Table 1

Properties Sampled During Phase I, II, III, and IV
Indoor Air Assessment
Emerson Power Transmission Facility
Ithaca, New York

Property ID #	Phase I Fall 2004	Phase II Winter 2005	Phase III Fall 2005	Phase IV Winter 2006
78			✔	
79				✔
80				✔
81			✔	✔
82				
83			✔	
84			✔	
85			✔	
86			✔	
87				✔
88				✔
89				
90				
91				✔
92				✔
93				✔
94				✔
95				✔
96				✔
97				✔
98				
99				✔
100				✔
101				✔
102				✔
103				✔
104				✔

Notes: Property ID #22 eliminated, as #22 and #32 were attached homes. Property ID #32 applies to both.
Property ID #18 was split into two properties; second property labeled ID #60.
Property ID #16, 72, 89, 90, and 98 - No access agreements received.
Property ID #79 and 80 were unable to be scheduled during Phase III
Property ID#43 will be scheduled for sampling during Phase V

Table 2

NYSDOH Vapor Intrusion Guidance
Indoor Air Decision Matrices Emerson Power Transmission
Ithaca, New York (a)

HOMES WITHOUT SUBSLAB SOIL GAS SAMPLES

INDOOR AIR DECISION MATRIX - TCE

INDOOR AIR CONCENTRATION (µg/m^3)			
< 0.25	0.25 to < 2.5	2.5 to < 5.0	5.0 and above
No further action	**Identify source; reduce exposures**	**Identify source, reduce exposures, AND Monitor**	**Mitigate OR Identify source, reduce exposures, AND Monitor**

INDOOR AIR DECISION MATRIX - PCE or 1,1,1-TCA

INDOOR AIR CONCENTRATION (µg/m^3)			
< 3	3 to < 30	30 to < 100	100 and above
No further action	**Identify source; reduce exposures**	**Identify source, reduce exposures, AND Monitor**	**Mitigate OR Identify source, reduce exposures, AND Monitor**

HOMES WITH SUBSLAB SOIL GAS SAMPLES

SOIL VAPOR/INDOOR AIR DECISION MATRIX - TCE

TCE SUBSLAB VAPOR CONCENTRATION (ug/m3)	INDOOR AIR CONCENTRATION (µg/m^3)			
	< 0.25	0.25 to < 2.5	2.5 to < 5.0	5.0 and above
< 5	**No further action**	**Identify source; reduce exposures**	**Identify source, reduce exposures, AND Monitor**	**Mitigate OR Identify source, reduce exposures, AND Monitor**
5 to < 50	**No further action**	**Monitor**	**Monitor**	**Mitigate**
50 to < 250	**Monitor**	**Monitor**	**Mitigate**	**Mitigate**
250 and above	**Mitigate**	**Mitigate**	**Mitigate**	**Mitigate**

SOIL VAPOR/INDOOR AIR DECISION MATRIX - PCE or 1,1,1-TCA

PCE or 1,1,1-TCA SUBSLAB VAPOR CONCENTRATION (ug/m3)	INDOOR AIR CONCENTRATION (µg/m^3)			
	< 3	3 to < 30	30 to < 100	100 and above
< 100	**No further action**	**Identify source; reduce exposures**	**Identify source, reduce exposures, AND monitor**	**Mitigate OR Identify source, reduce exposures, AND monitor**
100 to < 1,000	**Monitor**	**Monitor**	**Mitigate**	**Mitigate**
1,000 and above	**Mitigate**	**Mitigate**	**Mitigate**	**Mitigate**

a/ Matrices based on NYSDOH Vapor Intrusion Guidance

Table 3

Status of Indoor Air Assessment Activities
Emerson Power Transmission
Ithaca, New York

No Further Action		Further Monitoring (a)		Mitigation Offered Based on NYSDOH Matrix	Properties No Access
2	48	1		29	16
3	50	43		78	72
4	51	55		83	82
5	52	59	(a)	84	89
6	53	69		87	90
9	54	70			98
10	56	75			
11	58	79	(a)		
12	64	80	(a)		
13	77	88	(a)		
15	81	91	(a)		
18		92	(a)		
19		93	(a)		
20		94	(a)		
21		95	(a)		
23		96	(a)		
28		97	(a)		
32		99	(a)		
34		101	(a)		
35		102	(a)		
36		103	(a)		
37		104	(a)		
39					
40					
41					
42					
44					
45					
46					
47					

(a) Homes designated as further monitoring required that were sampled for the first time during Phase IV monitoring.

Appendix A - Example Pre-Site Visit Questionnaire

Preliminary Questions on Home Construction and Use

1. Is your home a [single-family, two-family, multi-family] home?

   If multi-family, how many rental units are on the first floor of the building?

   Can you provide us with access to each of the first floor (and basement) spaces?

   If multi-family, are there any rental units in the basement? How many units?

2. Does your home have a basement?

   If yes, is the floor of the basement completely covered by a concrete floor slab (i.e., no exposed dirt or rock)?

   If yes, does the basement underlie the entire structure?

   If not, is the remainder of the building slab-on-grade or does it have a crawl space?

3. Does the basement have floor drains or a sump?

4. Do you have water seeping into your basement?

5. Is the basement unfinished, or is it used as a living space (you will probably get this question answered above)?

6. Do you store materials in your basement, such as paints, thinners, varnishes, glues, or gas-powered equipment?

   How many of these containers would you say you currently store in your basement?

   Inform the owner that removing as many of these materials as possible before our visit will speed up the process and improve the sample results.

7. Have you done any recent painting in your house?

The second reason for this call is to schedule an initial inspection of your home. During the initial inspection, we will need to complete the following activities:

1. First, we will complete a brief questionnaire regarding the construction and heating of your home and prepare a sketch of your basement and first floor levels of your home.

2. Secondly, if your home has a complete concrete floor slab (no dirt floor or crawl space), we will need to select a location for the subslab vapor probe with your assistance. Once a location is selected, we will use an electric hammer drill to drill a 1-inch diameter hole through the floor slab and install a sample probe. The sample probe will consist of a rubber stopper equipped with a short section of teflon tubing which extends through the center of the stopper and under the in the hole. The rubber stopper will then be sealed in place with bees wax.

3. Third, we will need to prepare a detailed list of any materials stored in the basement and first floor of your home that could potentially affect the indoor air test results (e.g., paints, glues, solvents, certain cosmetics, gasoline powered equipment). This will require that we inspect all rooms in the basement and first floor spaces of the house, including bathrooms, kitchen, and bedrooms. Each material that could potentially affect the test results will have to be inventoried on a sheet of paper, including the ingredients.

Depending on the amount of materials to be inventoried, we anticipate that the entire inspection could last approximately 2 hours. It would be very helpful if someone could be present to approve the location for the soil gas probe, if required, so that we do not have to bother you again.

Appendix B – Example NYSDOH's Indoor Air Quality Questionnaire and Building Inventory Form

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name _____ Date/Time Prepared _____

Preparer's Affiliation _____ Phone No._____

Purpose of Investigation_____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	_____
1st Floor	_____
2nd Floor	_____
3rd Floor	_____
4th Floor	_____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?	Y / N	
b. Does the garage have a separate heating unit?	Y / N / NA	
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)	Y / N / NA	Please specify_____
d. Has the building ever had a fire?	Y / N	When?_____
e. Is a kerosene or unvented gas space heater present?	Y / N	Where? _____
f. Is there a workshop or hobby/craft area?	Y / N	Where & Type? _____
g. Is there smoking in the building?	Y / N	How frequently? _____
h. Have cleaning products been used recently?	Y / N	When & Type? _____
i. Have cosmetic products been used recently?	Y / N	When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented?_____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented?_____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type?_____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply:	Public Water	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	Public Sewer	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

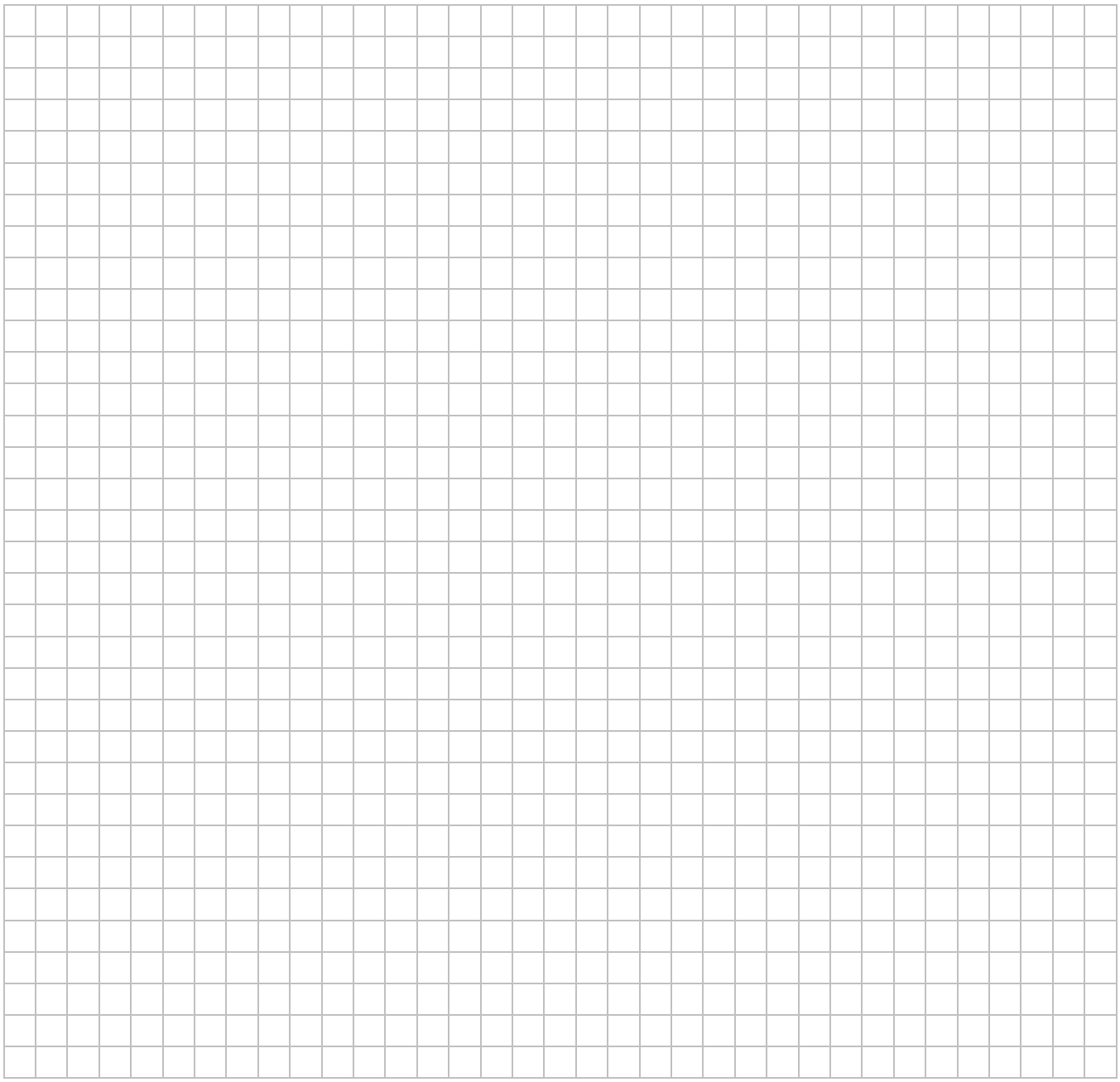
Basement:

First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix C – Actual Property Inventory Forms for Phase IV Sampling Events

Appendix D - QA/QC Validation Report and Laboratory Data Package (see hard copy)

Appendix E - Analytical Summary Tables for Phase IV Sampling

Table 1

Air Sample Results
Property ID 1
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	1				1			
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Dec 12-13, 2005				April 6-7, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
1,1,1-Trichloroethane	7.88	0.832 U	0.832 U	0.832 U	12	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	1.69	1.45	3.28	2.4	0.53 U	0.318 J	0.353 J	0.388 J
Tetrachloroethylene	8.07	1.03 U	1.03 U	1.65	14.5	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 UC	0.604 UC	0.604 UC	0.604 UC	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	16.4	0.218 U	0.218 U	0.218 U	22.1	0.328	0.218 U	0.765
Vinyl chloride	0.390 U	0.390 U	0.390 U	0.390 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 UC	1.05 UC	1.05 UC	1.05 UC	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.555 J	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.4	0.749 U	1.2	0.899	0.849	0.949	0.949	2.6
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.3	0.750 U	0.750 U	0.750 U	1.25	0.899	1.4	1.4
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 UC	0.337 UC	0.337 UC	0.337 UC
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.428 J	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.10 U	1.10 U	1.10 U	1.10 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 UC	0.712 UC	0.712 UC	0.712 UC	0.712 U	0.38 J	0.38 J	0.475 J
4-Ethyltoluene	0.8 C	0.75 UC	0.75 UC	0.75 UC	0.3 J	0.35 J	0.35 J	1.2
Acetone	0.724 U	0.724 U	0.724 U	0.724 U	13.1	19.1	0.724 U	7.1
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	1.4	0.877	2.31	1.85	0.487 J	1.36	1.59	1.82
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.526 J
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U	2.18	1.02 U	0.477 J	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 UC	0.592 UC	0.592 UC	0.592 UC	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.475 U	0.475 U	0.475 U	0.475 U	0.222 J	0.475 U	0.475 U	0.222 J
Carbon tetrachloride	0.64 J	0.64 J	0.703 J	0.64 J	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	13.9	0.744 U	0.794	0.744 U	21.6	0.744 U	1.84	0.744 U
Chloromethane	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.987	0.315 U	1.24
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 UC	0.525 UC	2.9 C	0.525 UC	0.315 J	0.525 J	0.525 U	0.525 U
Dibromochloromethane	1.30 UC	1.30 UC	1.30 UC	1.30 UC	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	1.54	0.53 J	0.53 J	0.75	0.441 J	0.75	0.706	1.46
Freon 11	1.43	1.71	1.71	1.83	1.48	1.54	1.48	1.54
Freon 113	1.17 U	1.17 U	1.17 U	0.779 J	0.701 J	0.701 J	0.701 J	0.701 J
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	4.52 C	4.73 C	5.03 C	4.57 C	2.82	2.97	2.82	2.87
Heptane	0.625 UC	0.625 UC	2 C	0.542 JC	0.625 U	0.666	0.958	1.54
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 1
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	1				1			
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Dec 12-13, 2005				April 6-7, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
Hexane	1.54 C	0.537 UC	7.31 C	1.25 C	0.502 J	1.33	1.68	0.537 U
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m-Xylene	3.93	1.06	1.24	1.99	1.19 J (c)	2.47 (c)	1.85 (c)	5.16 (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	0.25 J
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.550 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.68	0.53 J	0.618 J	0.883	0.574 J	0.971	0.794	1.85
p-Xylene	1.10	0.485 J	0.662 U	0.441 J	1.19 J (c)	2.47 (c)	1.85 (c)	5.16 (c)
Propylene	0.262 UC	0.262 UC	0.262 UC	0.262 UC	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	2.6	0.649 U	0.649 U	0.649 U	0.649 U	0.216 J	0.303 J	4.07
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	6.4	1.95	3.98	6.66	4.79	3.26	4.79	10.2
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.
b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on December 12-13, 2005; or April 6-7, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.
c/Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 55
Phases II, III, and IV (a)

	Phase II				Phase III					Phase IV				
				Background (b)					Background (b)					Background (b)
Property ID	55			55	55				70	55				
Sample Type	SS	IAB	IAF	AA	SS	SSR	IAB	IAF	AA	SS	IAB	IABR	IAF	AA
Sample Date	Mar 30, 2005	Mar 30-31, 2005			Oct 25-26, 2005					Mar 16-17, 2006				
VOCs by EPA Method TO-15 (ug/m3)														
1,1,1-Trichloroethane	57.4	0.832 U	0.555 J	0.832 U	94.3	91	0.832 U	0.832 U	0.832 U	49.4	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.62 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	1.57	0.604 U	0.604 U	0.604 U	0.604 J	0.6 U	0.604 U	0.604 U	0.806	1.69	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	2.01	0.53 U	0.53 J	0.53 U	0.53 U	0.353 JC
Tetrachloroethylene	61	1.03 U	1.17	1.03 U	110	140	1.24	1.1	1.03 J	175	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.6 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	29.8	0.218 U	0.218 U	0.218 U	58.4	47	0.218 U	0.218 U	3.17	39.3	0.546	0.437	0.273 U	0.437
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 UC	0.39 UC	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.83 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	4.28	4.24	0.617 U	0.617 U	0.617 U	4.9	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 UC	1.13 UC	1.13 UC	1.13 UC	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	3.2 C	3.15 C	21	2.75 C	3	2.65	4.95	1.95	8.44	1.85	4.75	3.85	1.5	3.85
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	1.41	0.92 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.71 U	0.705 U	0.705 U	0.705 U	0.705 UC	0.705 UC	0.705 UC	0.705 UC	0.705 U
1,3,5-Trimethylbenzene	1.8	1.95	7.55	0.75 U	2.35	1.8	1.95	1.2	2.85	1.25	2	1.3	0.999	1.2
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.34 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.92 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 UC	0.92 UC	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	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
2,2,4-Trimethylpentane	0.712 U	0.617 J	0.712 U	0.617 J	0.712 U	0.71 U	0.712 U	0.712 U	1.71	0.712 U	0.712 U	0.712 U	0.712 U	0.712 U
4-Ethyltoluene	0.849 C	0.899 C	9.39 C	0.75 UC	0.849 C	0.849 C	1.8	0.65 J	2.2	0.55 J	1.8	1.5	0.6 J	1.25
Acetone	0.724 U	31.4	26.6	19.3	0.724 U	7.24	4.3	0.724 U	0.724 U	19.1	15.9	20.3	21	59.4
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.48 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 UC
Benzene	3.67	1.66	1.43	1.2	1.01	1.23	0.812	0.779	3.96	0.487 UC	1.23 C	0.974 C	0.747 C	1.49
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.88 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 UC	1.02 UC	1.02 UC	1.02 UC	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.37 J	1.68	1.26 J	1.79	2.52 C
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.59 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.728	0.475 U	0.475 U	0.475 U	1.49	2.15	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U	0.57 U	0.696 C
Carbon tetrachloride	0.959 U	1.09	1.09	1.22	0.959 J	0.9 J	0.767 J	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.7 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.4 U	0.402 U	0.402 U	0.885	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	10.2	0.744 U	1.29	0.744 U	19.9	19.4	1.39	0.744 U	0.893	16.9	0.744 U	0.744 U	0.744 U	0.744 U
Chloromethane	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.32 U	0.315 U	0.315 U	1.43	0.315 U	0.924	0.84	0.945	0.987
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.69 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U

Table 1

Air Sample Results
Property ID 55
Phases II, III, and IV (a)

	Phase II				Phase III					Phase IV				
				Background (b)					Background (b)					Background (b)
Property ID	55			55	55				70	55				
Sample Type	SS	IAB	IAF	AA	SS	SSR	IAB	IAF	AA	SS	IAB	IABR	IAF	AA
Sample Date	Mar 30, 2005	Mar 30-31, 2005			Oct 25-26, 2005					Mar 16-17, 2006				
VOCs by EPA Method TO-15 (ug/m3)														
Cyclohexane	0.525 U	0.525 U	0.525 U	0.525 U	0.525 UC	0.53 UC	0.385 J	0.525 U	2.24	0.525 U	0.525 U	1.92	0.56 U	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.92 U	0.916 U	0.916 U	0.916 U	2.01	0.916 U	1.14	0.916 U	0.916 U
Ethylbenzene	1.28	0.706	1.02	0.618 J	1.63 C	2.16 C	0.397 J	0.485 J	4.41	0.662 U	1.06	0.971	0.662 U	0.971
Freon 11	2 C	3.6 C	3.08 C	2 C	1.94	2	1.83	2.17	4.97	1.26	1.2	1.03	1.37	1.77
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U	1.09 J	1.17 J	1.17 U	1.09 J	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	3.97	3.97	4.22	3.27	3.62	3.52	3.37	3.22	3.37	2.51	2.01	1.86	2.21	2.21
Heptane	7.04	0.625 U	7	0.625 U	0.916	0.92	1.42	0.583 J	2.79	0.75	1.37	1.54	0.583 J	5.25
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	8.06	0.537 U	2.44	0.537 U	1.22	0.68	0.573 J	0.537 U	7.81	0.967	1.15	3.62	0.752	1.97
Isopropyl alcohol	0.375 U	15.5	0.375 U	5.07	0.375 U	0.38 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m-Xylene	4.28	1.77	3.09	1.59	4.02	4.85	0.971	0.971	14.6	0.794 J (c)	3.49 (c)	3.53 (c)	0.971 J (c)	3.18 (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.9 U	0.899 U	0.899 U	0.899 U	2.46 C	3.81 C	1.65 C	2.67 C	2.01
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	2.3	1.24	2.69	1.1	2.3	2.56	0.883	0.75	5.91	0.662 U	1.37	1.24	0.618 J	1.15
p-Xylene	2.6	1.06	1.28	0.706	2.52	2.43	0.441 J	0.662 U	4.99	0.794 J (c)	3.49 (c)	3.53 (c)	0.971 J (c)	3.18 (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 UC	0.26 UC	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	0.649 U	2.64 C	2.25 C	0.649 U	0.649 U	1.21	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	12.8	5.94	12.6	5.63	8.04	7.66	3.33	2.6	34.5	1.88	6.89	7.28	2.34	5.9
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.69 U	0.692 U	0.692 U	0.692 U	0.692 UC	0.692 UC	0.692 UC	0.692 UC	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 UC	0.54 UC	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.67 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
SSR = duplicate subslab soil gas sample;
IAB = indoor air sample collected from basement;
IABR = duplicate indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 30-31, 2005; October 25-26, 2005; or March 16-17, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment is located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 59
Phase IV (a)

	Phase IV					
					Background (b)	
Property ID	59					
Sample Type	SS	SSR	IAB	IAF	AA	AAR
Sample Date	Mar 30-31, 2006					
VOCs by EPA Method TO-15 (ug/m3)						
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	NS	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	NS	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	NS	0.604 U	0.604 U
Methylene chloride	0.353 J	0.636	0.53 U	NS	0.353 J	0.53 U
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	NS	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	NS	0.604 U	0.604 U
Trichloroethene	0.492	0.71	0.218 U	NS	0.601	0.71
Vinyl chloride	0.39 U	0.39 U	0.39 U	NS	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	NS	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	NS	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	NS	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	NS	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	NS	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2 I	4.6	0.749 J	NS	4	4.3
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	NS	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	NS	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	NS	0.705 U	0.705 U
1,3,5-Trimethylbenzene	0.65 JI	1.1	0.75 U	NS	1.3	1.55
1,3-Butadiene	0.337 U	0.337 U	0.337 U	NS	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	NS	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	NS	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	NS	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.902	0.712 U	NS	0.712 U	0.712 U
4-Ethyltoluene	0.7 JCI	1.95 C	0.75 UC	NS	1.65 C	1.6 C
Acetone	26.8	52.2	15	NS	82.1	69.5
Allyl chloride	0.477 U	0.477 U	0.477 U	NS	0.477 U	0.477 U
Benzene	2.34	6.33	0.909	NS	3.08	3.05
Benzyl chloride	0.877 U	0.877 U	0.877 U	NS	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	NS	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	NS	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	NS	0.592 U	0.592 U
Carbon disulfide	1.08	2.94	0.475 U	NS	1.27	1.27
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	NS	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	NS	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	NS	0.402 U	0.402 U
Chloroform	1.94	1.39	1.19	NS	0.744 U	0.744 U
Chloromethane	0.546	0.315 U	0.84	NS	1.2	1.05
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	NS	0.692 U	0.692 U
Cyclohexane	0.35 J	0.7	0.525 U	NS	0.525 U	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	NS	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	NS	0.916 U	0.916 U
Ethylbenzene	1.1 I	2.25	0.662 U	NS	2.6 C	2.43 C
Freon 11	1.31	1.2	1.43	NS	1.14	1.09
Freon 113	1.17 U	1.17 U	1.17 U	NS	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	NS	1.07 U	1.07 U
Freon 12	2.46	2.06	2.46	NS	2.21	2.06
Heptane	1.54	3.21	0.625 J	NS	15.4	18.3
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	NS	1.63 U	1.63 U
Hexane	2.11	4.16	1.25	NS	9.31	7.16

Table 1

Air Sample Results
Property ID 59
Phase IV (a)

	Phase IV					
					Background (b)	
Property ID	59					
Sample Type	SS	SSR	IAB	IAF	AA	AAR
Sample Date	Mar 30-31, 2006					
VOCs by EPA Method TO-15 (ug/m3)						
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	NS	0.375 U	0.375 U
m&p-Xylene	3.49 I	7.15	0.794 J	NS	9	7.68
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	NS	1.25 U	1.25 U
Methyl ethyl ketone	3.66 C	6.89 C	0.659 JC	NS	9.89 C	12.9 C
Methyl isobutyl ketone	1.25 U	1.25 U	0.666 J	NS	1.25 U	0.666 J
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	NS	0.55 U	0.55 U
o-Xylene	1.24 I	1.99	0.662 U	NS	2.87	2.69
Propylene	0.262 U	0.262 U	0.262 U	NS	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	NS	0.649 U	0.736
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	NS	0.45 U	0.45 U
Toluene	8.81	25.7	2.49	NS	14.2	16.9
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	NS	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	NS	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	NS	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
SSR = duplicate subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
AAR = duplicate ambient (outdoor) air sample;
NS = not sampled because first floor tenant would not allow access;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 30-31, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 64
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	64			25	64			102
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Oct 11-12, 2005				Feb 21-22, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
1,1,1-Trichloroethane	0.61 JC	0.832 U	0.832 UC	0.832 U	0.832 UI	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 UI	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 UI	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.53 U	0.53 U	0.565	0.565	0.53 J	0.388 J
Tetrachloroethylene	7.17	1.03 U	1.03 U	0.758 J	1.38	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 UI	0.604 U	0.604 U	0.604 U
Trichloroethene	2.51	0.655	0.218 U	0.218 U	0.765	0.218 U	0.218 U	0.71
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 UIC	0.39 UC	0.39 UC	0.39 UC
1,1,2,2-Tetrachloroethane	1.05 UC	1.05 U	1.05 UC	1.05 U	1.05 UI	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 UC	0.832 U	0.832 UC	0.832 U	0.832 UI	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 UIC	0.617 UC	0.617 UC	0.617 UC
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 UIC	0.605 UC	0.605 UC	0.605 UC
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 UIC	1.13 UC	1.13 UC	1.13 UC
1,2,4-Trimethylbenzene	5.2	5.75	5.35	1.9	1.45 C	1.7 C	1.6 C	1.5 C
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 UI	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 UI	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 UI	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	3.7	4.65	2.9	1.6	0.899 C	1.05 C	0.999 C	0.5 JC
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 UI	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 UIC	0.917 UC	0.917 UC	0.917 UC
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 UI	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UI	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.38 J	0.712 U	0.712 U	0.712 UI	0.427 J	0.475 J	0.76
4-Ethyltoluene	1.15	2	0.849	0.5 J	0.45 J	0.3 J	0.45 J	0.35 J
Acetone	0.724 U	19.8	0.724 U	5.17	26.8	23.7	35	30.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 UI	0.477 U	0.477 U	0.477 U
Benzene	0.714	1.04	1.36	1.07	0.552	1.88	3.08	1.75
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 UIC	0.877 UC	0.877 UC	0.877 UC
Bromodichloromethane	1.02 UC	1.02 U	1.43 C	1.02 U	1.02 UI	1.02 U	1.02 U	1.02 U
Bromoform	1.58 UC	1.58 U	1.58 UC	1.58 U	1.58 UI	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 UIC	0.592 UC	0.592 UC	0.592 UC
Carbon disulfide	1.8	0.475 U	0.475 U	1.01	0.475 UI	0.475 U	0.475 U	0.38 J
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.64 J	0.703 JC	0.703 JC	0.64 JC	0.959 UC
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 UI	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 UC	0.402 U	0.402 U	0.402 UIC	0.402 UC	0.402 UC	0.402 UC
Chloroform	0.794	0.943	7.3	0.744 U	1.19 C	0.744 UC	0.645 JC	0.744 UC
Chloromethane	0.315 U	0.315 U	0.315 U	0.315 U	0.315 JC	1.2 C	1.53 C	1.11 C
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 UI	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.525 U	0.525 U	0.525 U	0.7	1.92	2.41	0.28 J
Dibromochloromethane	1.3 UC	1.3 U	1.3 UC	1.3 U	1.3 UI	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.366 J	0.769 J	1.9	0.916 U
Ethylbenzene	1.15	1.54	0.794	0.662 J	0.485 J	0.662 J	0.662 J	0.839
Freon 11	1.94	4.11	3.83	1.43	1.6	1.77	2.23	1.6
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U	0.779 JC	0.701 JC	0.701 JC	0.779 JC
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 UIC	1.07 UC	1.07 UC	1.07 UC
Freon 12	2.76	3.02	2.36	2.87	4.57	3.47	3.17	2.92
Heptane	0.625 U	1.21	0.625 U	0.625 U	1.04	1.54	2.58	1.62
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 UI	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 64
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	64			25	64			102
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Oct 11-12, 2005				Feb 21-22, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
Hexane	1.15	0.967	2.4	0.681	0.896	1.79	4.23	1.83
Isopropyl alcohol	0.375 U	0.375 UC	0.375 U	0.375 U	1.32	1.82	3.22	0.899
m-Xylene	3.31	4.46	2.43	1.41	1.54 (c)	2.3 (c)	2.12 (c)	3.27 (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	0.916 J	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	0.899 UI	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 UI	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 UI	0.55 U	0.55 U	0.55 U
o-Xylene	1.59	2.6	1.32	0.662 J	0.574 J	0.839	0.839	1.37
p-Xylene	1.02	1.68	0.927	0.574 J	1.54 (c)	2.3 (c)	2.12 (c)	3.27 (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 UI	0.262 U	0.262 U	0.262 U
Styrene	3.94	0.649 U	0.649 U	0.649 U	0.649 UI	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 UI	0.45 U	0.45 U	0.45 U
Toluene	6.44	5.17	4.14	3.79	3.52	5.44	4.63	6.01
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 UIC	0.692 UC	0.692 UC	0.692 UC
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 UI	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 UI	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on October 11-12, 2005, or February 22-23, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 69
Phases III and IV (a)

	Phase III				Phase IV				
				Background (b)					Background (b)
Property ID	69				69				66
Sample Type	SS	IAB	IAF	AA	SS	SSR	IAB	IAF	AA
Sample Date	Oct 11-12, 2005				Feb 22-23, 2006				
VOCs by EPA Method TO-15 (ug/m3)									
1,1,1-Trichloroethane	73.8	0.832 UC	0.832 UC	0.832 U	7.93	8.21	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	5.33	0.53 U	0.388 J	0.353 J	0.989	0.636	0.565	0.6
Tetrachloroethylene	13.3	0.758 J	1.86	3.24	8.62 C	10.1 C	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	5.35	0.218 U	0.218 U	0.218 U	5.03	4.64	0.382	0.164 J	0.601
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 UC	0.39 UC	0.39 UC	0.39 UC	0.39 UC
1,1,2,2-Tetrachloroethane	1.05 UC	1.05 UC	1.05 UC	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 UC	0.832 UC	0.832 UC	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.946	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 UC	0.617 UC	0.617 UC
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 UC	0.605 UC	0.605 UC
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 UC	1.13 UC	1.13 UC
1,2,4-Trimethylbenzene	1.2	3.55	4.2	1.7	4.8	5.3	1.6 C	1.4 C	2 C
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	0.75 U	4.75	4.25	1.5	2.35	1.65	1.95 C	1.65 C	0.849 C
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 UC	0.917 UC	0.917 UC	0.917 UC	0.917 UC
1,4-Dichlorobenzene	0.917 U	0.917 U	1.28	0.917 U	0.917 UC	0.917 UC	0.917 U	0.917 U	0.917 U
1,4-Dioxane	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
2,2,4-Trimethylpentane	0.712 U	0.57 J	0.617 J	0.712 U	12.3	5.13	0.475 J	0.427 J	0.475 J
4-Ethyltoluene	0.75 U	0.999	1.1	0.4 J	1.7	1.7	0.6 J	0.35 J	0.6 J
Acetone	82.1	24.6	0.724 U	5.41	28	32.8	40.1	34.5	21.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	0.877	1.69	1.07	0.877	2.37	2.4	2.4	1.36	1.88
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 UC	0.877 UC	0.877 UC
Bromodichloromethane	1.02 UC	1.02 UC	1.02 UC	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 UC	1.58 UC	1.58 UC	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 UC	0.592 UC	0.592 UC	0.592 UC	0.592 UC
Carbon disulfide	2.37	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.64 J	0.767 J	0.767 J	0.703 JC	0.703 JC	0.703 JC
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 UC	0.402 U	0.402 U	0.402 U	0.402 UC	0.402 UC	0.402 UC	0.402 UC	0.402 UC
Chloroform	9.93	5.11	3.42	0.347 J	1.19	1.44	1.44 C	1.54 C	0.744 UC
Chloromethane	0.315 U	0.315 U	0.315 U	0.315 U	0.252 JC	0.315 UC	1.41 C	1.51 C	1.2 C
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.525 U	2.1	0.525 U	1.05	0.945	0.245 J	0.42 J	0.525 U
Dibromochloromethane	1.3 UC	1.3 UC	1.3 UC	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	41.4	0.916 U	0.293 J	0.916 U	2.67	2.05	0.916 U
Ethylbenzene	0.662 J	1.37	1.68	0.662 J	3.62	3.97	1.19	0.662 J	1.54
Freon 11	4.34	1.54	1.43	1.54	2.06	2.4	1.77	1.6	1.6
Freon 113	1.17 U	1.17 U	1.17 U	0.779 J	0.701 J	1.01 J	0.857 JC	0.701 JC	0.779 JC
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 UC	1.07 UC	1.07 UC
Freon 12	2.82	3.07	2.87	3.07	3.27	4.22	3.22	3.32	3.47
Heptane	0.625 U	1.12	2.62	0.625 U	1.37	1.46	1.67	5.21	1.21
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 69
Phases III and IV (a)

	Phase III				Phase IV				
				Background (b)					Background (b)
Property ID	69				69				66
Sample Type	SS	IAB	IAF	AA	SS	SSR	IAB	IAF	AA
Sample Date	Oct 11-12, 2005				Feb 22-23, 2006				
VOCs by EPA Method TO-15 (ug/m3)									
Hexane	0.86	2.33	0.537 U	0.609	1.07	1.47	2.44	1.33	1.58
Isopropyl alcohol	0.375 UC	0.375 U	0.375 U	0.375 U	1.5	0.375 U	54	14	1.75
m-Xylene	1.24	2.74	3.97	1.02	16.8 (c)	23.4 (c)	4.28 (c)	2.07 (c)	5.47 (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	0.791 J	0.958 J	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	2.46	0.899 U	1.23	0.899 U	0.6 J
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.96	1.96	1.96	1.25 U	0.916 J
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	0.53 J	1.41	1.9	0.618 J	4.15	5.03	1.54	0.883	1.72
p-Xylene	0.574 J	1.37	1.24	0.662 J	16.8 (c)	23.4 (c)	4.28 (c)	2.07 (c)	5.47 (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	1.73	0.649 U	1.13	0.649 U	0.736	0.649 U	0.476 J	0.303 J	0.39 J
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	7.35	7.66	8.54	3.41	24.9	29.5	5.29	5.44	7.66
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 UC	0.692 UC	0.692 UC
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
SSR = duplicate subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on October 11-12, 2005, or February 22-23, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 70
Phases III and IV (a)

	Phase III				Phase IV				
				Background (b)					Background (b)
Property ID	70				70				
Sample Type	SS	IAB	IAF	AA	SS	IAB	IABR	IAF	AA
Sample Date	Oct 25-26, 2005				Mar 7-8, 2006	Mar 1-2, 2006			
VOCs by EPA Method TO-15 (ug/m3)									
1,1,1-Trichloroethane	1.33	0.832 U	0.832 U	0.832 U	1.72	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.806	0.604 U	0.604 U	0.403 J	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.53 U	2.01	0.388 J	0.353 J	0.388 J	0.53 J	0.53 U
Tetrachloroethylene	8	1.03 U	1.03 U	1.03 J	7.52	1.03 J	3.52	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	26.8	0.218 U	0.218 U	3.17	28.4	0.546	0.765	0.218 U	0.382
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.55	1.3	1.45	8.44	2.2	1.7	1.7	0.949	0.749 J
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	2.3	1.05	0.75 U	2.85	1.15	0.6 J	0.6 J	0.5 J	0.75 U
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 UC	0.337 UC	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	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
2,2,4-Trimethylpentane	0.522 J	0.712 U	0.712 U	1.71	0.712 U	0.712 U	0.712 U	0.712 U	0.522 J
4-Ethyltoluene	0.75 J	0.75 U	0.75 U	2.2	0.7 J	0.55 J	0.849	0.75 U	0.75 U
Acetone	0.724 U	4.68	0.724 U	0.724 U	19.8	18.6	663	31.4	16.4 C
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 UC	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	3.31	0.974	0.942	3.96	0.455 J	1.46	1.46	1.3	0.974
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 UC	1.58 UC	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	1.11	0.475 U	0.76	0.475 U	0.348 JC	0.475 U	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.959 U	0.959 U	0.703 J	0.959 U	0.767 J	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.885	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	2.63	0.744 U	1.99	0.893	2.23	0.645 J	1.04	1.09	0.744 U
Chloromethane	0.315 U	0.315 U	0.861	1.43	0.315 U	1.07	1.2	1.07	0.84
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	10.1	0.525 U	0.525 U	2.24	0.35 J	1.19	1.12	1.22	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	1.06	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	2.12	0.441 J	0.662 U	4.41	0.441 J	1.15	1.24	0.53 J	0.662 U
Freon 11	1.94	1.6	1.54	4.97	1.77	1.6	1.54	1.71	1.14
Freon 113	1.01 J	1.17 U	1.01 J	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	3.52	3.02	3.12	3.37	3.07	2.56	2.66	2.61	2.41
Heptane	13.3	0.333 J	0.625 U	2.79	0.791	1.12	0.958	0.833	0.875
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 70
Phases III and IV (a)

	Phase III				Phase IV				
				Background (b)					Background (b)
Property ID	70				70				
Sample Type	SS	IAB	IAF	AA	SS	IAB	IABR	IAF	AA
Sample Date	Oct 25-26, 2005				Mar 7-8, 2006	Mar 1-2, 2006			
VOCs by EPA Method TO-15 (ug/m3)									
Hexane	63	0.466 J	0.43 J	7.81	0.788	1.22	1.25	1.25	1.25
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m-Xylene	4.63	0.927	0.794	14.6	1.46 (c)	3.93 (c)	4.19 (c)	1.68 (c)	1.1 J (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	0.458 J	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	2.37	2.07	2.52	2.19	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 UC	1.25 UC	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	2.25	0.53 J	0.485 J	5.91	0.618 J	1.37	1.54	0.706	0.485 J
p-Xylene	2.12	0.662 U	0.485 J	4.99	1.46 (c)	3.93 (c)	4.19 (c)	1.68 (c)	1.1 J (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	8.4	0.649 U	0.649 U	1.21	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	1.02	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	13	3.26	2.37	34.5	1.99	7.35	7.51	3.1	2.3
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 UC	0.537 UC	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IABR = duplicate indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on October 25-26, 2005; or March 1-2, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 75
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	75			66	75			94
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Nov 1-2, 2005				Mar 30-31, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
1,1,1-Trichloroethane	3.27 C	0.832 UC	0.832 UC	0.832 UC	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.411 J	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	32.8	6.43	5.61	4.45	0.53 U	0.53 U	0.53 J	0.53 J
Tetrachloroethylene	5.58	1.03 U	1.03 U	1.59	1.24	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	149	0.218 U	0.218 U	0.218 U	5.68	0.273	0.273	0.437
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.7	0.749 U	1.15	1.85	0.799	1.85	2.25 I	3.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 UC	0.705 UC	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	3.45	0.949	1.6	1.4	0.75 U	0.75 J	1.9 I	1.25
1,3-Butadiene	0.337 U	1.48	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 UC	0.237 JC	0.712 U	0.712 U	0.712 U	0.57 J	0.902
4-Ethyltoluene	0.65 J	0.75 U	0.75 U	0.65 J	0.75 UC	0.8 C	0.8 CI	1.65 C
Acetone	0.724 U	9.95	19	0.724 U	13.5	17.1	94.6	37.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	7.79	1.2	20.5	1.66	0.909	1.04	21.8	2.34
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	0.681 J	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	5.95	0.475 U	0.475 U	0.633	0.475 U	0.475 U	0.475 U	0.855
Carbon tetrachloride	0.959 UC	0.959 U	0.959 U	0.959 UC	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	2.18	0.744 U	6.95	0.744 U	0.744 U	0.744 U	7.25	0.744 U
Chloromethane	0.315 U	0.735	0.315 U	0.315 U	0.525	0.777	3.74	2.14
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	22.7	0.525 U	0.525 U	0.525 U	0.525 U	0.525 U	0.665	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	4.91	0.916 U
Ethylbenzene	3	0.441 J	0.794	1.46	0.662 U	0.53 JC	1.72 CI	2.07 C
Freon 11	1.26 C	1.26	1.83	1.09 C	1.31	1.14	1.26	1.26
Freon 113	1.17 U	0.312 J	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	3.7	3.48	1.07 U	3.34	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	0.754 U	0.754 U	0.754 U	0.754 U	2.36	2.01	2.31	2.11
Heptane	122	0.458 J	1.04	0.625 U	0.833	0.666	6.58	4.96
Hexachloro-1,3-butadiene	1.63 UC	1.63 UC	1.63 UC	1.63 UC	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 75
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	75			66	75			94
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Nov 1-2, 2005				Mar 30-31, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
Hexane	52.7	0.896	1.43	0.537 U	1.07	1	3.01	4.8
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m-Xylene	8.69	0.839	1.24	3.35	0.485 J (c)	1.5 (c)	4.94 I (c)	7.77 (c)
Methyl butyl ketone	1.25 U	1.25 UC	1.25 UC	1.25 U	1.25 U	0.541 J	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	1.92 C	2.4 J	7.49 J	3.99
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	4.55	0.53 J	0.706	1.63	0.662 U	0.706	1.37 I	2.74
p-Xylene	5.34	0.397 JC	0.485 JC	1.59	0.485 J (c)	1.5 (c)	4.94 (c)	7.77 (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.563 J	1.82	0.649 U	0.649 U	2.29 I	0.649 U
Tetrahydrofuran	0.45 UC	0.45 U	0.45 U	0.45 UC	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	34.9	2.99	5.44	8.5	1.07	2.64	13.4	10.3
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 UC	0.537 U	0.537 U	0.537 UC	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on November 1-2, 2005; or March 30-31, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 77
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	77				77			
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Nov 16-17, 2005				April 11-12, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
1,1,1-Trichloroethane	0.832 UC	0.832 U	0.832 UC	0.832 UC	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 UC	0.604 U	0.604 UC	0.604 UC	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	34.3	14.4	45.2	32.1	2.54 C	0.459 JC	1.77 C	1.55 C
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	1.04	0.218 U	0.765	0.218 U	0.218 U	0.218 U	0.218 U	0.218 U
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 UC	1.13 U	1.13 UC	1.13 UC	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.7	0.749 U	2	2.45	0.799	1.1	1.25	1.05
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	2.65 C	0.75 U	2.65 C	1.25 C	0.75 U	0.5 J	0.899	0.65 J
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 UC	0.917 U	0.917 UC	0.917 UC	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.57 J	0.712 U	0.712 U	0.712 U	0.712 UC	0.712 UC	0.712 UC	0.712 UC
4-Ethyltoluene	0.5 J	0.75 U	0.4 J	0.899	0.75 UC	0.75 UC	0.75 UC	0.75 UC
Acetone	0.724 U	4.52	0.724 U	0.724 U	10.1	11.8	27.5	23.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 UC	0.477 UC	0.477 UC	0.477 UC
Benzene	2.05	0.909	1.82	1.2	0.649	1.14	1.72	0.974
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 UC	0.877 UC	0.877 UC	0.877 UC
Bromodichloromethane	1.02 UC	1.02 U	1.02 UC	1.02 UC	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	6.77	0.475 U	0.317 J	0.475 U	0.475 U	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.703 JC	1.02	0.767 JC	0.959 UC	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 UC	0.744 U	2.23 C	0.744 UC	1.54	0.744 U	1.94	0.744 U
Chloromethane	0.315 U	0.819	0.315 U	0.315 U	0.462	0.525	1.57	0.63
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	6.75	0.525 U	0.525 U	0.525 U	0.525 UC	0.525 UC	0.525 UC	0.525 UC
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 UC	0.916 UC	10.3	0.916 UC
Ethylbenzene	1.24 C	0.662 U	0.883 C	3.97 C	0.662 U	0.662 U	0.53 J	0.662 U
Freon 11	2.06 C	2.06	2.28 C	2.06 C	1.31	1.2	1.31	1.31
Freon 113	1.17 U	0.857 J	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	3.72 C	4.02	3.82 C	3.67 C	2.01	2.06	2.21	2.01
Heptane	13.3	0.625 U	0.625 U	0.625 U	0.958	0.625 U	0.791	0.417 J
Hexachloro-1,3-butadiene	1.63 UC	1.63 U	1.63 UC	1.63 UC	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 77
Phases III and IV (a)

	Phase III				Phase IV			
				Background (b)				Background (b)
Property ID	77				77			
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	AA
Sample Date	Nov 16-17, 2005				April 11-12, 2006			
VOCs by EPA Method TO-15 (ug/m3)								
Hexane	16.5	0.537 U	0.537 U	1.04	0.967 C	0.681 C	1.4 C	0.681 C
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	24.2	0.375 U
m-Xylene	3.49	0.662 U	2.16	7.24	1.02 J (c)	1.15 J (c)	1.72 (c)	1.15 J (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 UC	1.25 UC	1.25 UC	1.25 UC
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	0.48 JC	0.899 UC	3.06 C	1.38 C
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 UC	1.25 UC	1.25 UC	1.25 UC
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 UC	0.55 UC	0.55 UC	0.55 UC
o-Xylene	1.63	0.662 U	0.883	2.87	0.441 J	0.441 J	0.662 J	0.574 J
p-Xylene	2.21	0.662 U	0.839	3.09	1.02 J (c)	1.15 J (c)	1.72 (c)	1.15 J (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	4.68	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 UC	0.45 UC	0.45 UC	0.45 UC
Toluene	8.81	1.8	5.29	8.08	2.11	2.03	4.02	2.37
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 UC	0.537 UC	0.537 UC	0.537 UC
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on November 16-17, 2005; or April 11-12, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 79
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	79			
Sample Type	SS	IAB	IAF	AA
Sample Date	April 5-6, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	1.44	1.22	1.16	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	1.17	1.31	1.34	0.318 J
Tetrachloroethylene	7.72	3.45	3.31	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	1.15	0.437	0.382	0.218 U
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	1.65	1.4	1.45	1.25
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	2.45	1.05	1.65	0.65 J
1,3-Butadiene	0.337 UC	0.337 UC	0.337 UC	0.337 UC
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 U	0.712 U	0.712 U
4-Ethyltoluene	0.55 J	0.5 J	0.5 J	0.55 J
Acetone	42.3	19.9	18	5.63
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	1.23	0.942	0.974	1.3
Benzyl chloride	0.877 U	0.877 U	0.292 J	0.877 U
Bromodichloromethane	0.341 J	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.348 J	0.253 J	0.253 J	0.475 U
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	2.18	1.94	2.03	0.744 U
Chloromethane	1.07	0.315 U	1.24	1.47
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.665	0.525 U	0.665	0.245 J
Dibromochloromethane	1.3 U	1.3 U	1.3 U	0.779 J
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	0.794	0.706	0.794	0.839
Freon 11	1.54	1.6	1.6	1.54
Freon 113	0.701 J	0.701 J	0.701 J	0.701 J
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.76	3.02	2.97	2.92
Heptane	1	0.833	0.75	0.833
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	1.29	1.33	1.61	0.788

Table 1

Air Sample Results
Property ID 79
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	79			
Sample Type	SS	IAB	IAF	AA
Sample Date	April 5-6, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Isopropyl alcohol	8	0.375 U	0.375 U	0.375 U
m&p-Xylene	2.82	2.3	2.38	2.87
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.02	0.839	0.883	1.02
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.563 J	0.779	0.866	2.51
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	6.24	4.63	7.05	8.08
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on April 5-6, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 80
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	80			92
Sample Type	SS	IAB	IAF	AA
Sample Date	April 6-7, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.444 J	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.699	0.37 J	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.282 J	0.318 J	0.388 J	0.53 U
Tetrachloroethylene	0.827 J	0.965 J	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	2.24	0.437	0.218 U	0.218 U
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.1	1.1	1.45	1.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.85	1.1	1.65	1.1
1,3-Butadiene	0.337 UC	0.337 UC	0.337 UC	0.337 UC
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.95	0.427 J	0.427 J	0.427 J
4-Ethyltoluene	1.1	0.45 J	0.55 J	0.7 J
Acetone	0.724 U	0.724 U	0.724 U	8.21
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	2.5	1.33	2.08	1.43
Benzyl chloride	0.409 J	0.877 U	0.409 J	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	11.9	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.443 J	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.268 J	0.402 U	0.402 U	0.402 U
Chloroform	0.844	0.645 J	0.546 J	0.744 U
Chloromethane	0.315 U	1.05	0.315 U	1.34
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	1.01	0.525 U	0.525 U	0.315 J
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	1.94	0.706	1.02	0.971
Freon 11	1.77	1.83	2.91	1.48
Freon 113	0.701 J	0.701 J	0.701 J	0.701 J
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	3.07	3.12	2.97	2.87
Heptane	2.08	0.625 J	0.666	1.25
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	1.97	1.22	1.11	0.967

Table 1

Air Sample Results
Property ID 80
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	80			92
Sample Type	SS	IAB	IAF	AA
Sample Date	April 6-7, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	6	2.12	2.96	3.35
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	0.208 J
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	2.16	0.839	1.1	1.24
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	1.56	0.216 J	0.563 J	2.6
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	13.9	4.06	4.98	7.12
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on April 6-7, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 81
Phases III and IV (a)

	Phase III				Phase IV				
				Background (b)					Background (b)
Property ID	81			66	81				
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	IAF	AA
Sample Date	Nov 1-2, 2005				Feb 28-Mar 1, 2006	Mar 7-8, 2006	Feb 28-Mar 1, 2006	Mar 1-2, 2006	Feb 28-Mar 1, 2006
VOCs by EPA Method TO-15 (ug/m3)									
1,1,1-Trichloroethane	0.998 C	0.832 UC	0.832 UC	0.832 UC	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	3.21	0.918	1.09	4.45	0.459 J	0.388 J	0.6	0.494 J	0.53 U
Tetrachloroethylene	1.03 U	0.689 J	1.03 U	1.59	0.758 J	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	3.88	0.601	0.218 U	0.218 U	0.382	0.273	0.218 U	0.218 U	0.218 J
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	1.7	1.7	1.6	1.85	1.1	1.6	1.9	1.1	0.6 J
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 UC	0.705 UC	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.45	1.85	1.65	1.4	0.75 U	0.7 J	0.55 J	0.5 J	0.75 U
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	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
2,2,4-Trimethylpentane	0.712 U	0.38 JC	0.285 JC	0.712 U	0.712 U	0.522 J	0.712 U	0.712 U	0.712 U
4-Ethyltoluene	0.6 J	0.5 J	0.65 J	0.65 J	0.75 U	0.65 J	0.75 J	0.55 J	0.75 U
Acetone	0.724 U	5.41	0.724 U	0.724 U	32.4	15.5	24.1 CI	38.4	15.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 UC	0.477 U	0.477 U	0.477 U
Benzene	1.33	1.2	1.27	1.66	0.747	1.23	1.04	1.2	1.04
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.728	0.443 J	0.475 U	0.633	0.475 U	0.475 UC	0.475 U	0.317 J	0.38 J
Carbon tetrachloride	0.959 UC	0.959 U	0.959 U	0.959 UC	0.959 U	0.703 J	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	1.64	0.496 J	1.14	0.744 U	0.744 U	0.744 U	0.744 U	0.744 U	0.744 U
Chloromethane	0.315 U	0.315 U	0.798	0.315 U	0.672	0.819	0.798	0.945	0.84
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	1.05	0.945	0.595	0.525 U	0.49 J	0.525 U	0.49 J	0.595	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	1.54	1.19	0.971	1.46	0.309 J	0.794	0.662 J	0.485 J	0.485 J
Freon 11	1.26 C	1.43	1.54	1.09 C	1.2	1.6	1.26	1.43	1.09
Freon 113	0.545 J	1.17 U	1.17 U	1.17 U	1.17 U	0.779 J	1.17 U	1.17 U	1.17 U
Freon 114	3.41	3.91	3.41	3.34	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	0.754 U	0.754 U	0.754 U	0.754 U	2.41	3.07	2.26	2.66	2.31
Heptane	2.42	2.62	1.5	0.625 U	0.708	0.666	0.958	0.708	0.958
Hexachloro-1,3-butadiene	1.63 UC	1.63 UC	1.63 UC	1.63 UC	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 81
Phases III and IV (a)

	Phase III				Phase IV				
				Background (b)					Background (b)
Property ID	81			66	81				
Sample Type	SS	IAB	IAF	AA	SS	IAB	IAF	IAF	AA
Sample Date	Nov 1-2, 2005				Feb 28-Mar 1, 2006	Mar 7-8, 2006	Feb 28-Mar 1, 2006	Mar 1-2, 2006	Feb 28-Mar 1, 2006
VOCs by EPA Method TO-15 (ug/m3)									
Hexane	2.22	1.47	1.43	0.537 U	1	0.896	1.18	1.18	1.07
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m-Xylene	3	2.56	2.03	3.35	1.15 J (c)	2.56 (c)	2.21 (c)	1.54 (c)	1.54 (c)
Methyl butyl ketone	1.25 U	1.25 UC	1.25 UC	1.25 U	0.583 J	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	1.71	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.5	1.15	1.06	1.63	0.485 J	1.06	0.971	0.618 J	0.574 J
p-Xylene	1.32	1.02 C	0.75 C	1.59	1.15 J (c)	2.56 (c)	2.21 (c)	1.54 (c)	1.54 (c)
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	2.81	0.649 U	0.649 U	1.82	0.649 U	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 UC	0.45 U	0.45 U	0.45 UC	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	13.2	7.58	8.89	8.5	2.6	4.06	3.75	4.33	3.75
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 UC	0.537 U	0.537 U	0.537 UC	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on November 1-2, 2005; or February 28-March 1, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

c/ Result is for m&p-xylene.

Table 1

Air Sample Results
Property ID 87
Phase IV (a)

	Phase IV				
					Background (b)
Property ID	87				94
Sample Type	SS	IAB	IAF	IAFR	AA
Sample Date	Mar 30-31, 2006				
VOCs by EPA Method TO-15 (ug/m3)					
1,1,1-Trichloroethane	9.32	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	3.46	0.617 U	0.617 U	0.453 J	0.617 U
cis-1,2-Dichloroethene	1.01	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	6.6	33.9	15.9	17.7	0.53 J
Tetrachloroethylene	8.89	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	507	1.53	0.765	1.53	0.437
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.65	6	4.45	5	3.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.2	1.75	1.2	1.4	1.25
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.522 J	0.665 J	0.712 J	0.902
4-Ethyltoluene	0.999 C	2.6 C	1.9 C	2 C	1.65 C
Acetone	26.1	90.3	73.4	64.7	37.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	2.08	1.33	2.73	2.73	2.34
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	3.78	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.443 J	0.475 U	1.04	0.886	0.855
Carbon tetrachloride	1.22	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	14.9	0.744 U	1.29	1.49	0.744 U
Chloromethane	0.567	0.861	1.07	1.07	2.14
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.455 J	0.385 J	0.595	0.84	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.769 J	1.39	1.79	0.916 U
Ethylbenzene	1.15	1.46 C	2.87 C	3.09 C	2.07 C
Freon 11	1.26	1.14	1.09	1.14	1.26
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.16	1.96	2.16	2.06	2.11
Heptane	1.67	4.29	6.37	7	4.96
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	2.62	3.47	2.72	3.3	4.8
Isopropyl alcohol	0.375 U	47.7	222	190	0.375 U
m&p-Xylene	4.15	4.15	8.52	9.93	7.77
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	0.583 J	1.25 U
Methyl ethyl ketone	4.98 C	6.09	5.1	7.79 JC	3.99

Table 1

Air Sample Results
Property ID 87
Phase IV (a)

	Phase IV				
					Background (b)
Property ID	87				94
Sample Type	SS	IAB	IAF	IAFR	AA
Sample Date	Mar 30-31, 2006				
VOCs by EPA Method TO-15 (ug/m3)					
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.41	2.12	2.87	3.09	2.74
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.866	0.476 J	0.649 U	0.52 J	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	9.19	13.4	16.9	15.3	10.3
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
IAFR = duplicate indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 30-31, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 88
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	88			
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 7-8, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.353 J	2.44	0.424 J	0.353 J
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	1.42	0.218 U	0.218 U	0.218 U
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	1.9	0.799	1.6	0.5 J
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	0.8	0.75 U	0.6 J	0.75 U
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	1.38	0.712 U	0.712 U	0.712 U
4-Ethyltoluene	0.8	0.75 U	0.75 U	0.75 U
Acetone	22	127	29.7	5.53
Allyl chloride	0.477 UC	0.477 UC	0.477 UC	0.477 UC
Benzene	2.47	1.07	1.17	1.07
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.791 C	0.475 UC	0.475 UC	0.475 UC
Carbon tetrachloride	0.959 U	0.64 J	0.703 J	0.703 J
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.744 U	0.744 U
Chloromethane	0.252 J	0.693	0.735	0.945
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.35 J	1.36	0.525 U	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	1.19	0.441 J	0.53 J	0.662 U
Freon 11	1.48	1.54	2.06	1.31
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.87	2.87	2.66	2.66
Heptane	3.42	2.62	1	0.833
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 88
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	88			
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 7-8, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	2.62	4.59	1	0.896
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	3.8	1.24 J	1.81	0.927 J
Methyl butyl ketone	0.541 J	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	1.29	44.4	4.92	0.45 J
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.46	0.485 J	0.706	0.662 U
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	1.56	29.1	2.85	0.45 U
Toluene	8.81	2.34	3.26	1.88
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 7-8, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 91
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	91			93
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 15-16, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.388 J	0.53 U	0.53 U	0.742 C
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	3.33	0.218 U	0.218 U	0.655
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	4.55	11.4	8.69	2.7
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 UC	0.705 UC	0.705 UC	0.705 U
1,3,5-Trimethylbenzene	1.7	2.8	1.8	1.25
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	2.14	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	2.18	0.712 U	0.712 U	0.522 J
4-Ethyltoluene	2.6	2.6	2.5	1.45
Acetone	290	170	35	58.4
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 UC
Benzene	5.2 C	0.649 C	0.617 C	2.14
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 UC	1.02 UC	1.02 UC	1.02 U
Bromoform	1.58 U	2.31	1.89	1.58 JC
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	13.9	0.475 U	0.475 U	0.696 C
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	13.4	0.744 J	1.09	0.744 U
Chloromethane	1.41	0.735	0.798	1.28
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	1.22	0.525 U	0.525 U	0.42 J
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	2.05	3.48	12.1	0.916 U
Ethylbenzene	2.03	0.662 U	0.662 U	1.77
Freon 11	1.09	1.14	1.54	1.77
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.06	2.06	2.01	2.21
Heptane	8.21	0.625 U	0.75	4.92
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 91
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	91			93
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 15-16, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	4.73	0.86	1.43	2.51
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	5.56	0.927 J	1.15 J	5.74
Methyl butyl ketone	5	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	42.6	1.8 C	1.65 C	2.55
Methyl isobutyl ketone	2.25	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	2.25	0.485 J	0.662 J	2.07
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.476 J	0.649 U	0.649 U	0.433 J
Tetrahydrofuran	3.66	0.45 U	0.45 U	0.45 U
Toluene	27.6	2.03	3.75	13.8
trans-1,3-Dichloropropene	0.692 UC	0.692 UC	0.692 UC	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 15-16, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 92
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	92			
Sample Type	SS	IAB	IAF	AA
Sample Date	April 6-7, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.535 J	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.282 J	0.604 U	0.604 U	0.604 U
Methylene chloride	0.388 J	0.388 J	0.459 J	0.53 U
Tetrachloroethylene	1.03 U	1.03 U	1.17	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	0.273	0.218 U	0.218 U	0.218 U
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.555 J	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.4	3.35	3.7	1.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.75	3.35	2.85	1.1
1,3-Butadiene	0.337 UC	0.337 UC	0.337 UC	0.337 UC
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	1.04	2.04	1.71	0.427 J
4-Ethyltoluene	0.999	1.35	1.45	0.7 J
Acetone	10.7	19.1	0.724 U	8.21
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	1.88	1.75	1.75	1.43
Benzyl chloride	0.877 U	0.351 J	0.467 J	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.475 U	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.695 J	0.744 U
Chloromethane	0.315 U	1.41	1.13	1.34
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.7	0.525 U	1.33	0.315 J
Dibromochloromethane	1.3 U	1.3 U	0.779 J	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	1.28	2.07	1.9	0.971
Freon 11	1.54	1.71	1.77	1.48
Freon 113	0.701 J	0.701 J	0.701 J	0.701 J
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.87	2.76	2.76	2.87
Heptane	0.916	1.37	1.54	1.25
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	1.72	2.22	2.15	0.967
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U

Table 1

Air Sample Results
Property ID 92
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	92			
Sample Type	SS	IAB	IAF	AA
Sample Date	April 6-7, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
m&p-Xylene	3.75	6.36	6.36	3.35
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	0.208 J
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.77	3	3	1.24
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.52 J	0.39 J	0.909	2.6
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	9.19	10.9	12.4	7.12
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on April 6-7, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 93
Phase IV (a)

	Phase IV				
				Background (b)	
Property ID	93			93	97
Sample Type	SS	IAB	IAF	AA	AA
Sample Date	Mar 16-17, 2006			Mar 15-16, 2006	Mar 16-17, 2006
VOCs by EPA Method TO-15 (ug/m3)					
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.353 J	0.742 C	0.424 JC
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	3.17	0.218 U	0.218 J	0.655	0.328
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.4	9.54	8.49	2.7	2.9
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 UC	0.705 UC	0.705 UC	0.705 U	0.705 U
1,3,5-Trimethylbenzene	0.8	1.75	2.55	1.25	1.1
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 U	0.712 U	0.522 J	0.712 U
4-Ethyltoluene	0.65 J	2.2	2.5	1.45	1.35
Acetone	14.7	11.8	30.7	58.4	31.6
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 UC	0.477 UC
Benzene	0.422 JC	0.584 C	0.779 C	2.14	1.27
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 UC	1.02 UC	1.02 UC	1.02 U	1.02 U
Bromoform	3.26	1.16 J	2.31	1.58 JC	1.68 C
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.665	0.475 U	0.475 U	0.696 C	0.38 JC
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.496 J	0.744 U	0.744 U
Chloromethane	0.315 U	0.651	0.693	1.28	1.07
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.525 U	0.525 U	0.42 J	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.806 J	0.879 J	3.7	0.916 U	0.916 U
Ethylbenzene	0.662 U	0.662 U	0.485 J	1.77	0.971
Freon 11	1.31	1.09	1.66	1.77	1.77
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.56	2.16	4.02	2.21	2.21
Heptane	0.542 J	0.625 U	0.791	4.92	1.83
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 93
Phase IV (a)

	Phase IV				
				Background (b)	
Property ID	93			93	97
Sample Type	SS	IAB	IAF	AA	AA
Sample Date	Mar 16-17, 2006			Mar 15-16, 2006	Mar 16-17, 2006
VOCs by EPA Method TO-15 (ug/m3)					
Hexane	0.788	1.11	1.11	2.51	1.43
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	0.927 J	1.02 J	1.37	5.74	3.13
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	2.46 C	1.56 C	2.64 C	2.55	1.68
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	0.662 U	0.485 J	0.618 J	2.07	1.15
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	0.433 J	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	3.22	2.22	3.26	13.8	7.66
trans-1,3-Dichloropropene	0.692 UC	0.692 UC	0.692 UC	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 16-17, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 94
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	94			
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 30-31, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	1.17	8.12	3.07	0.53 J
Tetrachloroethylene	3.24	13.8	6.27	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	49.7	0.655	0.546	0.437
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.1	11	4	3.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.1	2.85	1.25	1.25
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.475 J	0.475 J	0.902
4-Ethyltoluene	0.65 JC	3.35 C	1.4 C	1.65 C
Acetone	14.2	21	27	37.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	0.552	1.66	1.3	2.34
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.475 U	0.475 U	0.475 U	0.855
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.695 J	0.744 U	0.744 U	0.744 U
Chloromethane	0.315 U	0.315 U	0.315 U	2.14
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.63	0.56	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	0.485 J	1.54 C	1.15 C	2.07 C
Freon 11	1.2	1.14	0.857 J	1.26
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.21	2.16	1.96	2.11
Heptane	0.583 J	1.79	1.62	4.96
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	0.645	2.29	2.33	4.8
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	1.5	4.94	3.97	7.77
Methyl butyl ketone	1.25 U	1.25 U	0.541 J	1.25 U
Methyl ethyl ketone	2.85 C	3.96	1.71	3.99

Table 1

Air Sample Results
Property ID 94
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	94			
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 30-31, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Methyl isobutyl ketone	1.25 U	1.25 U	0.749 J	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	0.706	2.16	1.59	2.74
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.433 J	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	4.29	6.93	5.44	10.3
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 30-31, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 95
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	95			
Sample Type	SS	IAB	IAF	AA
Sample Date	April 18-19, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.494 J	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.424 J	0.53 U
Tetrachloroethylene	1.03 U	1.03 U	1.52	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	0.218 U	0.218 U	0.218 U	0.765
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	3.65	1.05	1.55	3.4
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	2.4	0.949	1.75	1.95
1,3-Butadiene	0.337 UC	0.337 UC	0.337 UC	0.337 UC
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.522 J	0.712 U	0.712 J	0.57 J
4-Ethyltoluene	1.3 C	0.75 UC	0.6 JC	1.35 C
Acetone	66.4	0.724 U	0.724 U	20.4
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	1.49	0.909	2.5	2.79
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 UC	1.58 UC	1.58 UC	1.58 UC
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.601	0.475 U	0.475 U	0.475 J
Carbon tetrachloride	0.703 J	0.959 U	0.64 J	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.496 J	0.744 U	0.744 U
Chloromethane	0.315 U	1.36	0.315 U	0.315 U
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	1.47	1.47	0.525 U	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	21.7	0.916 U
Ethylbenzene	1.59	0.485 J	0.662 J	1.24
Freon 11	2	2.86	3.26	1.54
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	3.42	3.12	1.96	2.21
Heptane	4.62	1.08	1.71	6.87
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 95
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	95			
Sample Type	SS	IAB	IAF	AA
Sample Date	April 18-19, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	3.69	7.16	5.59	7.92
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	5.78	1.37	2.03	4.63
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	2.12	0.53 J	0.883	1.94
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.52 J	0.649 U	0.649 U	0.736
Tetrahydrofuran	0.45 UC	0.45 UC	0.45 UC	0.45 UC
Toluene	26.4	5.25	4.52	6.13
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on April 18-19, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 96
Phase IV (a)

	Phase IV		
			Background (b)
Property ID	96		93
Sample Type	IAB	IAF	AA
Sample Date	Mar 14-15, 2066		Mar 15-16, 2006
VOCs by EPA Method TO-15 (ug/m3)			
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.742 C
Tetrachloroethylene	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U
Trichloroethene	0.218 J	0.273	0.655
Vinyl chloride	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	0.799	2.6	2.7
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 UC	0.705 UC	0.705 U
1,3,5-Trimethylbenzene	1.05	1.75	1.25
1,3-Butadiene	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 U	0.522 J
4-Ethyltoluene	0.75 U	0.7 J	1.45
Acetone	15.2	30.9	58.4
Allyl chloride	0.477 U	0.477 U	0.477 UC
Benzene	0.52 C	0.682 C	2.14
Benzyl chloride	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 UC	1.02 UC	1.02 U
Bromoform	2.21	1.37 J	1.58 JC
Bromomethane	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.475 U	0.57	0.696 C
Carbon tetrachloride	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.744 U
Chloromethane	0.651	0.756	1.28
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.525 U	0.42 J
Dibromochloromethane	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.842 J	0.916 U
Ethylbenzene	0.662 U	0.485 J	1.77
Freon 11	1.09	1.09	1.77
Freon 113	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U
Freon 12	1.96	1.96	2.21
Heptane	0.625 U	0.708	4.92
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 96
Phase IV (a)

	Phase IV		
			Background (b)
Property ID	96		93
Sample Type	IAB	IAF	AA
Sample Date	Mar 14-15, 2066		Mar 15-16, 2006
VOCs by EPA Method TO-15 (ug/m3)			
Hexane	0.537 J	1.33	2.51
Isopropyl alcohol	0.375 U	0.375 U	0.375 U
m&p-Xylene	0.618 J	1.37	5.74
Methyl butyl ketone	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	1.59 C	4.5 C	2.55
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U
o-Xylene	0.662 U	0.618 J	2.07
Propylene	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.433 J
Tetrahydrofuran	0.45 U	0.45 U	0.45 U
Toluene	1.3	4.83	13.8
trans-1,3-Dichloropropene	0.692 UC	0.692 UC	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U

a/ IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.
(A subslab sample was not collected because building does not have a concrete slab and the bedrock is too close to the surface to collect a subsurface soil vapor sample.)
b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 14-15, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 97
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	97			
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 16-17, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	4.99	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.494 J	0.424 JC
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	2.62	0.218 U	0.273	0.328
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	2.1	0.799	1.9	2.9
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 UC	0.705 UC	0.705 UC	0.705 U
1,3,5-Trimethylbenzene	1.5	0.75 U	1.15	1.1
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 U	0.712 U	0.712 U
4-Ethyltoluene	0.7 J	0.75 U	0.5 J	1.35
Acetone	30.2	16.4	25.8	31.6
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 UC
Benzene	0.779 C	0.747 C	1.75 C	1.27
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 UC	1.02 UC	1.02 UC	1.02 U
Bromoform	1.68	1.58 U	2.42	1.68 C
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.475 U	0.475 U	0.475 U	0.38 JC
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	10.3	0.744 U	1.59	0.744 U
Chloromethane	0.315 U	0.84	0.756	1.07
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.525 U	1.08	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.623 J	5.79	0.916 U
Ethylbenzene	0.662 U	0.662 U	0.441 J	0.971
Freon 11	1.31	1.83	4.8	1.77
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.36	3.12	14.1	2.21
Heptane	2.83	0.583 J	2.29	1.83
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 97
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	97			
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 16-17, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	4.37	0.788	10.4	1.43
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	2.52	0.794 J	1.37	3.13
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 UC	1.77 C	1.29 C	1.68
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	0.53 J	0.662 U	0.574 J	1.15
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	5.9	1.65	13.4	7.66
trans-1,3-Dichloropropene	0.692 UC	0.692 UC	0.692 UC	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 16-17, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 99
Phase IV (a)

	Phase IV				
					Background (b)
Property ID	99				94
Sample Type	SS	IABE	IABW	IAF	AA
Sample Date	Mar 30-31, 2006				
VOCs by EPA Method TO-15 (ug/m3)					
1,1,1-Trichloroethane	0.887	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.53 U	0.53 U	0.53 J
Tetrachloroethylene	0.689 JI	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	0.983	0.328	0.218 J	0.328	0.437
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	4.05 I	1.35	1.35	1.3	3.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.35 I	1.15	0.5 J	0.949	1.25
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.665 J	0.712 U	0.712 U	0.712 U	0.902
4-Ethyltoluene	1.65 CI	0.75 UC	0.5 JC	0.75 UC	1.65 C
Acetone	33.1	17.4	19.6	20.8	37.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	2.5	1.27	1.27	1.01	2.34
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.601	0.475 U	0.475 U	0.475 U	0.855
Carbon tetrachloride	0.959 U	0.959 U	0.64 J	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.744 U	0.744 U	0.744 U
Chloromethane	0.315 U	0.693	0.798	0.798	2.14
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.35 J	0.525 U	0.525 U	0.525 U	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	0.916 U	0.916 U	0.916 U
Ethylbenzene	1.54 I	0.441 J	0.441 J	0.53 JC	2.07 C
Freon 11	1.26	1.26	1.37	1.14	1.26
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.36	2.06	2.31	2.11	2.11
Heptane	1.79	0.625 U	0.542 J	1	4.96
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 99
Phase IV (a)

	Phase IV				
					Background (b)
Property ID	99				94
Sample Type	SS	IABE	IABW	IAF	AA
Sample Date	Mar 30-31, 2006				
VOCs by EPA Method TO-15 (ug/m3)					
Hexane	1.72	0.86	0.788	0.824	4.8
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	5.08 I	1.32 J	1.19 J	2.07	7.77
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	4.47 C	1.74 C	1.86 C	1.44	3.99
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	1.77 I	0.618 J	0.574 J	0.75	2.74
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.476 JI	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	13.8	2.68	2.72	3.06	10.3
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IABE = indoor air sample collected from eastern side of basement;
IABW= indoor air sample collected from western side of basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit.
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 30-31, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 100
Phase IV (a)

	Phase IV				
					Background (b)
Property ID	100				97
Sample Type	SS	IAB	IAF	IAFR	AA
Sample Date	Mar 16-17, 2006				
VOCs by EPA Method TO-15 (ug/m3)					
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.459 J	1.73	1.34	1.41	0.424 JC
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	0.765	1.04	1.31	1.31	0.328
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	10.4	2.25	10.5	3.7	2.9
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 UC	0.705 UC	0.705 UC	0.705 UC	0.705 U
1,3,5-Trimethylbenzene	2.2	1.6	2.95	1.6	1.1
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 U	0.712 U	0.712 U	0.712 U
4-Ethyltoluene	2.35	0.65 J	3.75	1.55	1.35
Acetone	20.8	30.9	38.6	43.9	31.6
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U	0.477 UC
Benzene	0.682 C	1.17 C	1.62 C	1.59 C	1.27
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 UC	1.02 UC	1.02 UC	1.02 UC	1.02 U
Bromoform	1.47 J	1.79	2	1.79	1.68 C
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.475 U	0.475 U	0.601	0.633	0.38 JC
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.893	0.943	0.744 U
Chloromethane	1.09	1.13	1.05	0.987	1.07
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.7	0.49 J	0.735	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.842 J	2.31	4.03	0.916 U
Ethylbenzene	0.662 U	0.574 J	2.96	2.47	0.971
Freon 11	1.14	1.26	1.37	1.48	1.77
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.26	2.11	2.26	2.11	2.21
Heptane	0.666	1.87	2.79	2.92	1.83
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 100
Phase IV (a)

	Phase IV				
					Background (b)
Property ID	100				97
Sample Type	SS	IAB	IAF	IAFR	AA
Sample Date	Mar 16-17, 2006				
VOCs by EPA Method TO-15 (ug/m3)					
Hexane	0.896	2.33	1.97	2.65	1.43
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	0.927 J	1.68	7.94 J	8.43	3.13
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	1.77 C	5.01 C	7.79 C	5.52 C	1.68
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	0.441 J	0.618 J	3.71	2.78	1.15
Propylene	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	1.08	0.909	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	2.22	6.4	12.6	14.9	7.66
trans-1,3-Dichloropropene	0.692 UC	0.692 UC	0.692 UC	0.692 UC	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
IAFR =duplicate indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 16-17, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 101
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	101			94
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 30-31, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	2.43	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	2.97	3.71	2.05	0.53 J
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	2.08	0.218 U	0.437	0.437
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	3 I	2.45	3.5	3.55
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	1.4 I	0.999	1.7	1.25
1,3-Butadiene	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.522 J	0.712 U	0.522 J	0.902
4-Ethyltoluene	0.8 CI	0.65 JC	0.949 C	1.65 C
Acetone	47.1	11.3	29.9	37.2
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	2.76	0.909	1.62	2.34
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	1.3	0.475 U	0.475 U	0.855
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	1.09	0.744 U
Chloromethane	0.945	0.819	1.01	2.14
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	1.08	0.56	0.63	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	1.14	0.916 U
Ethylbenzene	1.77 I	1.1 C	1.41 C	2.07 C
Freon 11	1.31	1.48	1.66	1.26
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.11	2.36	2.16	2.11
Heptane	8.37	4.71	3.29	4.96
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 101
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	101			94
Sample Type	SS	IAB	IAF	AA
Sample Date	Mar 30-31, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	5.48	1.97	2.65	4.8
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	6.18 I	4.1	4.59	7.77
Methyl butyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	10.2 C	5.76	6.06	3.99
Methyl isobutyl ketone	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	1.5	0.55 U
o-Xylene	2.03 I	1.32	1.63	2.74
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.606 JI	0.649 U	0.433 J	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	26.8	19.9	14.6	10.3
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on March 30-31, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 102
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	102			
Sample Type	SS	IAB	IAF	AA
Sample Date	Feb 21-22, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.333 J	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 UI	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 UI	0.604 U	0.604 U	0.604 U
Methylene chloride	0.742	0.6	0.6	0.388 J
Tetrachloroethylene	8	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 UI	0.604 U	0.604 U	0.604 U
Trichloroethene	11	0.328	0.218 J	0.71
Vinyl chloride	0.39 UIC	0.39 UC	0.39 UC	0.39 UC
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 UI	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 UIC	0.617 UC	0.617 UC	0.617 UC
1,1-Dichloroethene	0.605 UIC	0.605 UC	0.605 UC	0.605 UC
1,2,4-Trichlorobenzene	1.13 UC	1.13 UC	1.13 UC	1.13 UC
1,2,4-Trimethylbenzene	5.6 C	1.4 C	2.25 C	1.5 C
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 UI	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	2.1 C	0.75 JC	1.25 C	0.5 JC
1,3-Butadiene	0.337 UI	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 UC	0.917 UC	0.917 UC	0.917 UC
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 UI	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	1.9	0.427 J	0.427 J	0.76
4-Ethyltoluene	2.25	0.6 J	0.899	0.35 J
Acetone	78.2	19.8	18.6	30.2
Allyl chloride	0.477 UI	0.477 U	0.477 U	0.477 U
Benzene	3.05	1.62	1.69	1.75
Benzyl chloride	0.877 UC	0.877 UC	0.877 UC	0.877 UC
Bromodichloromethane	1.02 UI	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 UIC	0.592 UC	0.592 UC	0.592 UC
Carbon disulfide	0.981	0.475 U	0.475 U	0.38 J
Carbon tetrachloride	0.64 JC	0.703 JC	0.703 JC	0.959 UC
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 UIC	0.402 UC	0.402 UC	0.402 UC
Chloroform	8.64 C	0.596 JC	0.744 UC	0.744 UC
Chloromethane	0.609 C	1.15 C	1.22 C	1.11 C
cis-1,3-Dichloropropene	0.692 UI	0.692 U	0.692 U	0.692 U
Cyclohexane	0.735	0.525 J	1.12	0.28 J
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.623 J	0.916 U	0.916 U	0.916 U
Ethylbenzene	3.49	0.662 J	0.662 J	0.839
Freon 11	1.71	1.71	1.71	1.6
Freon 113	0.701 JC	0.857 JC	0.701 JC	0.779 JC
Freon 114	1.07 UIC	1.07 UC	1.07 UC	1.07 UC
Freon 12	3.32	3.12	3.32	2.92
Heptane	4.37	0.958	1	1.62
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 102
Phase IV (a)

	Phase IV			
				Background (b)
Property ID	102			
Sample Type	SS	IAB	IAF	AA
Sample Date	Feb 21-22, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	3.69	1.58	1.43	1.83
Isopropyl alcohol	3.15	1.65	0.974	0.899
m&p-Xylene	13.7	1.85	2.21	3.27
Methyl butyl ketone	1.62	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	19.5	0.899 U	0.899 U	0.899 U
Methyl isobutyl ketone	0.833 J	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 UI	0.55 U	0.55 U	0.55 U
o-Xylene	4.02	0.75	0.971	1.37
Propylene	0.262 UI	0.262 U	0.262 U	0.262 U
Styrene	0.346 J	0.649 U	0.216 J	0.649 U
Tetrahydrofuran	3.72	0.45 U	0.45 U	0.45 U
Toluene	29.1	4.4	3.26	6.01
trans-1,3-Dichloropropene	0.692 UIC	0.692 UC	0.692 UC	0.692 UC
Vinyl acetate	0.537 UI	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 UI	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated;
I = associated internal standard criteria not met, estimated result.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on February 21-22, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 103
Phase IV (a)

	Phase IV		
			Background (b)
Property ID	103		66
Sample Type	IAB	IAF	AA
Sample Date	Feb 21-22, 2006		
VOCs by EPA Method TO-15 (ug/m3)			
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U
Methylene chloride	0.494 J	0.883	0.6
Tetrachloroethylene	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U
Trichloroethene	0.218 U	0.218 J	0.601
Vinyl chloride	0.39 UC	0.39 UC	0.39 UC
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 UC	0.617 UC	0.617 UC
1,1-Dichloroethene	0.605 UC	0.605 UC	0.605 UC
1,2,4-Trichlorobenzene	1.13 UC	1.13 UC	1.13 UC
1,2,4-Trimethylbenzene	1.5 C	1.7 C	2 C
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	0.8 C	0.65 JC	0.849 C
1,3-Butadiene	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 UC	0.917 UC	0.917 UC
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.522 J	0.57 J	0.475 J
4-Ethyltoluene	0.3 J	0.45 J	0.6 J
Acetone	20	25.6	21.2
Allyl chloride	0.477 U	0.477 U	0.477 U
Benzene	1.75	1.82	1.88
Benzyl chloride	0.877 UC	0.877 UC	0.877 UC
Bromodichloromethane	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 U	1.58 U
Bromomethane	0.592 UC	0.592 UC	0.592 UC
Carbon disulfide	0.475 U	0.475 U	0.475 U
Carbon tetrachloride	0.767 JC	0.831 JC	0.703 JC
Chlorobenzene	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 UC	0.402 UC	0.402 UC
Chloroform	0.596 JC	3.23 C	0.744 UC
Chloromethane	0.966 C	1.32 C	1.2 C
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U
Cyclohexane	0.28 J	1.08	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.989	0.916 U
Ethylbenzene	0.839	0.927	1.54
Freon 11	1.77	1.6	1.6
Freon 113	0.857 JC	0.779 JC	0.779 JC
Freon 114	1.07 UC	1.07 UC	1.07 UC
Freon 12	3.62	3.17	3.47
Heptane	1.37	1.42	1.21
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 103
Phase IV (a)

	Phase IV		
			Background (b)
Property ID	103		66
Sample Type	IAB	IAF	AA
Sample Date	Feb 21-22, 2006		
VOCs by EPA Method TO-15 (ug/m3)			
Hexane	1.65	1.93	1.58
Isopropyl alcohol	2.25	15.2	1.75
m&p-Xylene	2.52	2.96	5.47 (c)
Methyl butyl ketone	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	1.95	0.6 J
Methyl isobutyl ketone	1.25 U	1.25 U	0.916 J
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U
o-Xylene	1.06	1.1	1.72
Propylene	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.216 J	0.39 J
Tetrahydrofuran	0.45 U	0.45 U	0.45 U
Toluene	4.4	6.78	7.66
trans-1,3-Dichloropropene	0.692 UC	0.692 UC	0.692 UC
Vinyl acetate	0.537 U	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U

a/ IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.
(A subslab soil gas sample was not collected because no slab was present and the underlying soil was covered completely by a wood floor.)
b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on February 21-22, 2006.
Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.

Table 1

Air Sample Results
Property ID 104
Phase IV (a)

	Phase IV			
				Background (b
Property ID	104			
Sample Type	SS	IAB	IAF	AA
Sample Date	Feb 28-Mar 1, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
1,1,1-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,2-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
cis-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Methylene chloride	0.53 U	0.53 U	0.459 J	0.53 U
Tetrachloroethylene	1.03 U	1.03 U	1.03 U	1.03 U
trans-1,2-Dichloroethene	0.604 U	0.604 U	0.604 U	0.604 U
Trichloroethene	1.69	0.218 J	0.218 U	0.273
Vinyl chloride	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	0.617 U	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	0.605 U	0.605 U	0.605 U	0.605 U
1,2,4-Trichlorobenzene	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	0.749 J	0.65 J	1.4	0.7 J
1,2-Dibromoethane	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,2-Dichloropropane	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	0.75 U	0.75 U	0.849	0.75 U
1,3-Butadiene	0.337 U	0.337 UC	0.337 U	0.337 U
1,3-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	1.1 U	1.1 U	1.1 U	1.1 U
2,2,4-Trimethylpentane	0.712 U	0.712 U	0.712 U	0.57 J
4-Ethyltoluene	0.75 U	0.75 U	0.5 J	0.75 U
Acetone	28.7	22	26.6 C	18.6
Allyl chloride	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	0.487 U	0.649	0.974	1.2
Benzyl chloride	0.877 U	0.877 U	0.877 U	0.877 U
Bromodichloromethane	1.02 U	1.02 U	1.02 U	1.02 U
Bromoform	1.58 U	1.58 UC	1.58 U	1.58 U
Bromomethane	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	0.633	0.475 U	0.475 U	0.411 J
Carbon tetrachloride	0.959 U	0.959 U	0.959 U	0.959 U
Chlorobenzene	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	0.402 U	0.402 U	0.402 U	0.402 U
Chloroform	0.744 U	0.744 U	0.744 U	0.744 U
Chloromethane	0.315 U	0.966	0.819	0.945
cis-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	0.525 U	0.525 U	0.56	0.525 U
Dibromochloromethane	1.3 U	1.3 U	1.3 U	1.3 U
Ethyl acetate	0.916 U	0.916 U	2.64	0.916 U
Ethylbenzene	0.662 U	0.662 U	0.441 J	0.53 J
Freon 11	1.09	1.31	1.26	1.2
Freon 113	1.17 U	1.17 U	1.17 U	1.17 U
Freon 114	1.07 U	1.07 U	1.07 U	1.07 U
Freon 12	2.26	2.61	2.46	2.51
Heptane	0.625 U	0.625 J	1.08	1.21
Hexachloro-1,3-butadiene	1.63 U	1.63 U	1.63 U	1.63 U

Table 1

Air Sample Results
Property ID 104
Phase IV (a)

	Phase IV			
				Background (b
Property ID	104			
Sample Type	SS	IAB	IAF	AA
Sample Date	Feb 28-Mar 1, 2006			
VOCs by EPA Method TO-15 (ug/m3)				
Hexane	0.394 J	0.788	1.4	1.07
Isopropyl alcohol	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	0.75 J	1.06 J	1.63	1.63
Methyl butyl ketone	0.541 J	1.25 U	1.25 U	1.25 U
Methyl ethyl ketone	0.899 U	0.899 U	0.48 J	0.899 U
Methyl isobutyl ketone	1.25 U	1.25 UC	1.25 U	1.25 U
Methyl tert-butyl ether	0.55 U	0.55 U	0.55 U	0.55 U
o-Xylene	0.662 U	0.662 U	0.662 J	0.618 J
Propylene	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	0.649 U	0.649 U	0.649 U	0.649 U
Tetrahydrofuran	0.45 U	0.45 U	0.45 U	0.45 U
Toluene	1.99	1.8	2.6	4.37
trans-1,3-Dichloropropene	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl acetate	0.537 U	0.537 UC	0.537 U	0.537 U
Vinyl bromide	0.667 U	0.667 U	0.667 U	0.667 U

a/ SS = subslab soil gas sample;
IAB = indoor air sample collected from basement;
IAF = indoor air sample collected from first floor;
AA = ambient (outdoor) air sample;
U = not detected at the reporting limit;
J = analyte was detected at or below quantitation limit;
C = analyte exceeds calibration criteria. Quantitation estimated.

b/ Background concentrations represent ambient (outdoor) air concentrations for all air samples collected on February 28-March 1, 2006. Property ID listed for ambient (outdoor) air sample is where ambient air sampling equipment was located.