FIELD INVESTIGATION LETTER REPORT

SOIL-GAS CONDUIT SAMPLING AND INDOOR AIR SAMPLING AT VFW POST 2674 AND THE SENECA MARKET BUILDING

WORK ASSIGNMENT D003825-09.5

NORTH FRANKLIN STREET SITE
WATKINS GLEN (V)

SITE NO. 8-49-002
SCHUYLER (C), NY

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Denise M. Sheehan, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Corporation
77 Goodell Street
Buffalo, New York 14203

Draft
April 2006

G28276

FIELD INVESTIGATION LETTER REPORT
SOIL-GAS CONDUIT SAMPLING AND INDOOR AIR SAMPLING AT VFW POST 2674 AND THE SENECA MARKET BUILDING

NORTH FRANKLIN STREET SITE
SITE #8-49-002
VILLAGE OF WATKINS GLEN, NEW YORK

Prepared For:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D003825-09.5

DRAFT

Prepared By:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

April 2006

April 13, 2006

Mr. David J. Chiusano, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
12th Floor
Albany, New York 12233-7013

RE: NYSDEC Standby Contract
Active Venting System Operation and Maintenance # D003825-09.5
North Franklin Street Site, Site No. 8-49-002
Field Investigation Letter Report: Soil-Gas Conduit Sampling and Indoor Air Sampling at VFW Post 2674 and the Seneca Market Building

Dear Mr. Chiusano:

URS Corporation (URS) has completed the collection of indoor air samples from the VFW Post 2674 (VFW Post) and the Seneca Market Building and the collection of soil–gas samples from existing soil-gas conduit locations. The indoor air and soil-gas sampling was performed to determine if indoor air quality has been impacted by soil and groundwater contamination resulting from historic activities at the North Franklin Street Site (Figure 1). URS was instructed to perform this work by the Department in an e-mail dated December 21, 2005. The collection of the indoor air samples was performed in accordance with the *Field Sampling Plan for the North Franklin Street Site Indoor Air Sampling* (URS, March 2005). The collection of the soil-gas samples was performed in accordance with the *Field Sampling Plan for the Soil-Gas Conduit Installation and Sampling at the North Franklin Street Site* (URS, July 2005).

The fieldwork associated with this investigation consisted of completing a pre-sampling questionnaire and inventory at the VFW followed by the collection of indoor air samples, sub-slab vapor samples, and an outdoor air sample. Indoor air samples were also collected from the Seneca Market building to verify the efficiency of a sub-slab depressurization (SSD) system installed during October 2005. In addition, three soil-gas samples were collected from soil-gas conduits that were previously installed and sampled in July 2005. The soil-gas conduits are located immediately south of the VFW Post. URS personnel conducted the pre-sampling questionnaire and inventory on January 23, 2006, and the indoor air samples, sub-slab vapor samples, an outdoor air sample and the soil-gas samples were collected concurrently on January 24, 2006 from the VFW Post, the Seneca Market Building and the soil-gas conduits.

FIELD ACTIVITIES

VFW Post

Pre Sampling Questionnaire and Inventory

Prior to the indoor air sampling, a pre-sampling questionnaire and inventory was conducted on the first floor of the VFW. Mr. Robert Estes, Commander of VFW Post 2674, completed the questionnaire concerning the buildings characteristics and history. URS personnel completed an inventory of household chemicals present, which may have potentially impacted the air sample results. A photoionization detector (PID) model RAE Systems ppb RAE was used to survey each household chemical container for the presence of volatile organic compounds (VOCs). The pre-sampling questionnaire and inventory forms are included in Attachment 1.

Indoor Air and Soil Vapor Sampling

URS collected indoor air and sub-slab samples from two locations within the VFW Post at the locations shown of Figure 2. All samples were collected using six-liter Summa canisters, in accordance with the procedures outlined in the Field Sampling Plan (URS, March 2005). URS collected two 8-hour indoor air samples plus a field duplicate and two 8-hour sub-slab vapor samples plus a field duplicate. A photographic log of the sampling activities is included in Attachment 2. Completed sampling logs are provided in Attachment 3.

Outdoor Air Sampling

URS collected one 8-hour outdoor air sample upwind of the locations being sampled for soil-gas and indoor air (Figure 2). The outdoor air sample was collected from ground level in a parking lot located south of the VFW Post and between the SG-08 and SG-10 soil-gas conduit locations. A photographic log containing a picture of the sample location is included in Attachment 2.

After the sampling was completed, the samples were shipped under chain-of-custody (COC) control for VOC analysis via United States Environmental Protection Agency (USEPA) Compendium Method TO-15 to Severn Trent Laboratories (STL) located in Burlington, Vermont. STL-Burlington is a New York State Department of Health (NYSDOH) approved laboratory. A copy of the COCs is included in Attachment 3.

Seneca Market Building

Indoor Air Sampling

URS collected 8-hour indoor air samples from two locations within the Seneca Market Building at the locations shown of Figure 3. All samples were collected using six-liter Summa canisters, in accordance with the procedures outlined in the Field Sampling Plan (URS, March 2005). A photographic log of the sampling activities is included in Attachment 2. Completed sampling logs are provided in Attachment 3.

After the sampling was completed, the samples were shipped under COC control for VOC analysis via EPA Compendium Method TO-15 to STL- Burlington. A copy of the COCs is included in Attachment 3.

Soil-Gas Conduit Sampling

URS collected soil-gas samples from soil-gas conduits SG-08, SG-09 and SG-10 (Figure 4). All samples were collected using six-liter Summa canisters, in accordance with the procedures outlined in the Field Sampling Plan (URS, July 2005). URS collected three one-hour soil gas samples plus one field duplicate sample. A helium tracer gas was not used during the collection of the soil-gas samples during this sampling event because during the collection of soil-gas samples in July 2005, a helium tracer gas was used and no elevated concentrations of helium (>20%) were detected at any of the soil-gas conduit locations. Therefore, since the soil–gas conduit passed the tracer gas test in July 2005, the use of a tracer gas was not used during this sampling event. A photographic log of the sampling activities is included in Attachment 2. Completed sampling logs are provided in Attachment 3.

After the sampling was completed, the samples were shipped under chain-of-custody (COC) control for VOC analysis via EPA Compendium Method TO-15 to STL- Burlington. A copy of the COCs is included in Attachment 3.

ANALYTICAL RESULTS

Data Usability

The data packages were prepared by the laboratory in accordance with the NYSDEC's Category B Deliverables requirements. These deliverables were reviewed by a URS chemist for compliance with the referenced method following the guidelines in USEPA Region II's *Validating Canisters of Volatile Organics in Ambient Air, Rev. 0,* April 1994. A Data Usability Summary Report (DUSR) was prepared by a URS chemist following the guidelines provided in NYSDEC Division of Environmental Remediation Guidance for the Development of Data Usability Summary Reports, dated June 1999. The DUSR may be found in Attachment 4.

VFW Post Analytical Summary

The analytical results from the indoor air samples, sub-slab vapor samples, and the ambient air sample have been compared to New York State Department of Health (NYSDOH) indoor air criteria (Table 1). Concentrations of detected compounds at each sample location are shown on Figure 5.

As shown in Table 1, the concentration of most VOCs detected in the ambient air samples were detected at similar concentrations to those in the outdoor air sample. However, tertachloroethene (PCE) was detected at concentrations ranging from 2.0 to 2.4 ug/m^3, which is above the background level of the ambient air sample but below the NYSDOH indoor air criteria for PCE, which is 100 ug/m^3. Trichloroethene (TCE) was not detected at the H-004-1-A sample location. TCE was however detected at 81.0 ug/m^3 at the H-004-1-B sample location and at 0.22 ug/m^3 at the field duplicate location (20060124-FD-1), which was collected at the H-004-1-B sample location. The concentration of TCE detected at the H-004-1-B sample location exceeded the NYSDOH indoor air criteria for TCE, which is 5 ug/m^3. It should be noted that the laboratory diluted the concentration of TCE in the H-004-1-B sample location and the concentration found in the duplicate sample, which was not diluted, was 0.22 ug/m^3. It should also be noted that the H-004-1-B sample and the duplicate sample were also collected through a "T" setup, which connects to the sample

inlet of both Summa canisters, and draws the sample through a common inlet. URS questioned the concentration of TCE detected in the H-004-1-B sample when compared to the concentration of TCE in the associated field duplicate (20060124-FD-1). STL-Burlington has stated that the concentration of TCE reported in the H-004-1-B sample is accurate and there is no explanation for the discrepancy between the concentrations found in the H-004-1-B sample and the associated field duplicate sample (20060124-FD-1).

Table 1 shows the concentration of sub-slab soil vapor samples collected at the VFW Post. At sub-slab vapor sample location H-004-SS-A, TCE was detected at 47.0 ug/m^3, which is below the NYSDOH sub-slab criteria for TCE (250 ug/m^3). However, PCE was detected at 1,100 ug/m^3, which, is above the NYSDOH sub-slab criteria for PCE (1,000 ug/m^3). At sub-slab vapor sample location H-004-SS-B and the associated field duplicate (20060124-FD-2), the concentrations of TCE and PCE were below their respective NYSDOH sub-slab criteria.

Based on the results of the sub-slab sample from sample location H-004-SS-A, the concentration of PCE below the building slab exceeds the NYSDOH sub-slab criteria for PCE (1,000 ug/m^3). NYSDOH has recommended the installation of a mitigation system to minimize the potential exposure associated with soil vapor intrusion.

Seneca Market Building Analytical Summary

The analytical results from the indoor air samples have been compared to NYSDOH indoor air criteria (Table 2). Concentrations of detected compounds at each sample location are shown on Figure 6.

As shown in Table 2, the concentration of VOCs detected in the indoor air samples were detected at similar concentrations to those in the ambient air sample. Neither TCE nor PCE were detected in the indoor air samples from the Seneca Market Building.

Soil-Gas Conduit Analytical Summary

The analytical results from the soil-gas samples are shown on Table 3. Concentrations of detected compounds at each sample location are shown on Figure 7. As shown in Table 3, the concentration of VOCs detected in the soil-gas samples were detected at similar concentrations to those in the ambient air sample. Neither TCE nor PCE were detected in the soil-gas samples collected.

The following tables, figures and attachments are included as part of this field investigation letter report:

Tables

Table 1	Summary of Detected Analytical Results – VFW Post
Table 2	Summary of Detected Analytical Results – Seneca Market
Table 3	Summary of Detected Analytical Results – Soil-Gas Conduit Locations

Figures

Figure 1	Project Site
Figure 2	VFW Post Indoor/Sub-Slab Air Sample Locations
Figure 3	Seneca Market Building Indoor Air Sample Locations
Figure 4	Soil-Gas Conduit Locations
Figure 5	VFW Post Indoor/Sub-Slab Sample Results
Figure 6	Seneca Market Building Indoor Air Sample Results
Figure 7	Soil-Gas Conduit Analytical Results

Attachments

Attachment 1	Pre-Sampling Questionnaire And Inventory Forms
Attachment 2	Photographic Log
Attachment 3	Sampling Logs and Chain-of-Custody
Attachment 4	Data Usability Summary Report

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

URS Corporation

Scott M Cole for C. Dusel

Charles E. Dusel, Jr.
Sr. Project Manager

cc: File: 05.35388 (C-1) (11173258)

TABLES

TABLE 1
SUMMARY OF DETECTED ANALYTICAL RESULTS
VFW POST

Location ID				20060124-AB-1	H-004-1-A	H-004-1-B	H-004-1-B	H-004-SS-A
Sample ID				20060124-AB-1	H-004-1-A	H-004-1-B	H-004-1-B-DUP	H-004-SS-A
Matrix				Ambient Air	Indoor Air	Indoor Air	Indoor Air	Sub-Slab Air
Depth Interval (ft)				-	-	-	-	-
Date Sampled				01/24/06	01/24/06	01/24/06	01/24/06	01/24/06
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Volatile Organic Compounds								
Chloroform	UG/M3	-	-					13 J
Bromodichloromethane	UG/M3	-	-					13 J
Trichloroethene	UG/M3	5	250			81 D	0.22	47 J
Benzene	UG/M3	-	-	1.7	1.6	1.6	1.6	
Tetrachloroethene	UG/M3	100	1000		2.0	2.3	2.4	1,100 J
Toluene	UG/M3	-	-	3.0	3.0	4.1	4.9	
Xylene (total)	UG/M3	-	-	1.7		2.4	2.6	
1,3-Butadiene	UG/M3	-	-		0.35		0.44	
Cyclohexane	UG/M3	-	-		1.5	1.5	1.7	
Heptane	UG/M3	-	-		0.82		1.1	11 J
Hexane	UG/M3	-	-	1.1	1.1	1.2	1.5	
Trichlorofluoromethane	UG/M3	-	-	1.4	16	7.9	9.0	
Dichlorodifluoromethane	UG/M3	-	-	2.9	49 D	28 D	24 D	
2,2,4-Trimethylpentane	UG/M3	-	-				0.70	

Criteria (1)- NYSDOH letter from N. Kim to D. Desnoyers, Division of Environmental Remediation, NYSDEC (October 31, 2003)

Criteria (2)- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Soil Vapor/Indoor Air Matrix 1 and 2.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

Note: Non-detects are shown as blank.

J - The analyte was positively identified, the quantitation is an estimation.

D - Result reported from a secondary dilution analysis.

- No criteria available

Only Detected Results Reported.

TABLE 1
SUMMARY OF DETECTED ANALYTICAL RESULTS
VFW POST

Location ID				H-004-SS-B	H-004-SS-B
Sample ID				H-004-SS-B	H-004-SS-B-DUP
Matrix				Sub-Slab Air	Sub-Slab Air
Depth Interval (ft)				-	-
Date Sampled				01/24/06	01/24/06
Parameter	**Units**	**Criteria (1)**	**Criteria (2)**		Field Duplicate (1-1)
Volatile Organic Compounds					
Chloroform	UG/M3	-	-		
Bromodichloromethane	UG/M3	-	-		6.7 J
Trichloroethene	UG/M3	5	250	31 J	33 J
Benzene	UG/M3	-	-		
Tetrachloroethene	UG/M3	100	1000	640 J	680 J
Toluene	UG/M3	-	-	5.3 J	6.8 J
Xylene (total)	UG/M3	-	-		
1,3-Butadiene	UG/M3	-	-		
Cyclohexane	UG/M3	-	-		
Heptane	UG/M3	-	-	5.7 J	6.1 J
Hexane	UG/M3	-	-		
Trichlorofluoromethane	UG/M3	-	-		
Dichlorodifluoromethane	UG/M3	-	-		
2,2,4-Trimethylpentane	UG/M3	-	-		

Criteria (1)- NYSDOH letter from N. Kim to D. Desnoyers, Division of Environmental Remediation, NYSDEC (October 31, 2003)

Criteria (2)- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, Soil Vapor/Indoor Air Matrix 1 and 2.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria (1)

Concentration Exceeds Criteria (2)

Note: Non-detects are shown as blank.

J - The analyte was positively identified, the quantitation is an estimation.

D - Result reported from a secondary dilution analysis.

- No criteria available

Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED ANALYTICAL RESULTS
SENECA MARKET

Location ID			20060124-AB-1	H-001	H-002
Sample ID			20060124-AB-1	H-001-1	H-002-1
Matrix			Ambient Air	Indoor Air	Indoor Air
Depth Interval (ft)			-	-	-
Date Sampled			01/24/06	01/24/06	01/24/06
Parameter	**Units**	**Criteria***			
Volatile Organic Compounds					
Benzene	UG/M3	-	1.7	1.5	1.5
Toluene	UG/M3	-	3.0	3.0	3.0
Xylene (total)	UG/M3	-	1.7	2.7	2.5
4-Ethyltoluene	UG/M3	-		0.74	
Heptane	UG/M3	-		0.74	
Hexane	UG/M3	-	1.1	1.2	1.1
Trichlorofluoromethane	UG/M3	-	1.4	1.5	1.7
Dichlorodifluoromethane	UG/M3	-	2.9	7.9	8.4

*Criteria- NYSDOH letter from N. Kim to D. Desnoyers, Division of Environmental Remediation, NYSDEC (October 31, 2003)

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Note: Non-detects are shown as blank.

J - The analyte was positively identified, the quantitation is an estimation.

D - Result reported from a secondary dilution analysis.

- No criteria available

Only Detected Results Reported.

TABLE 3
SUMMARY OF DETECTED ANALYTICAL RESULTS
SOIL GAS-CONDUIT LOCATIONS

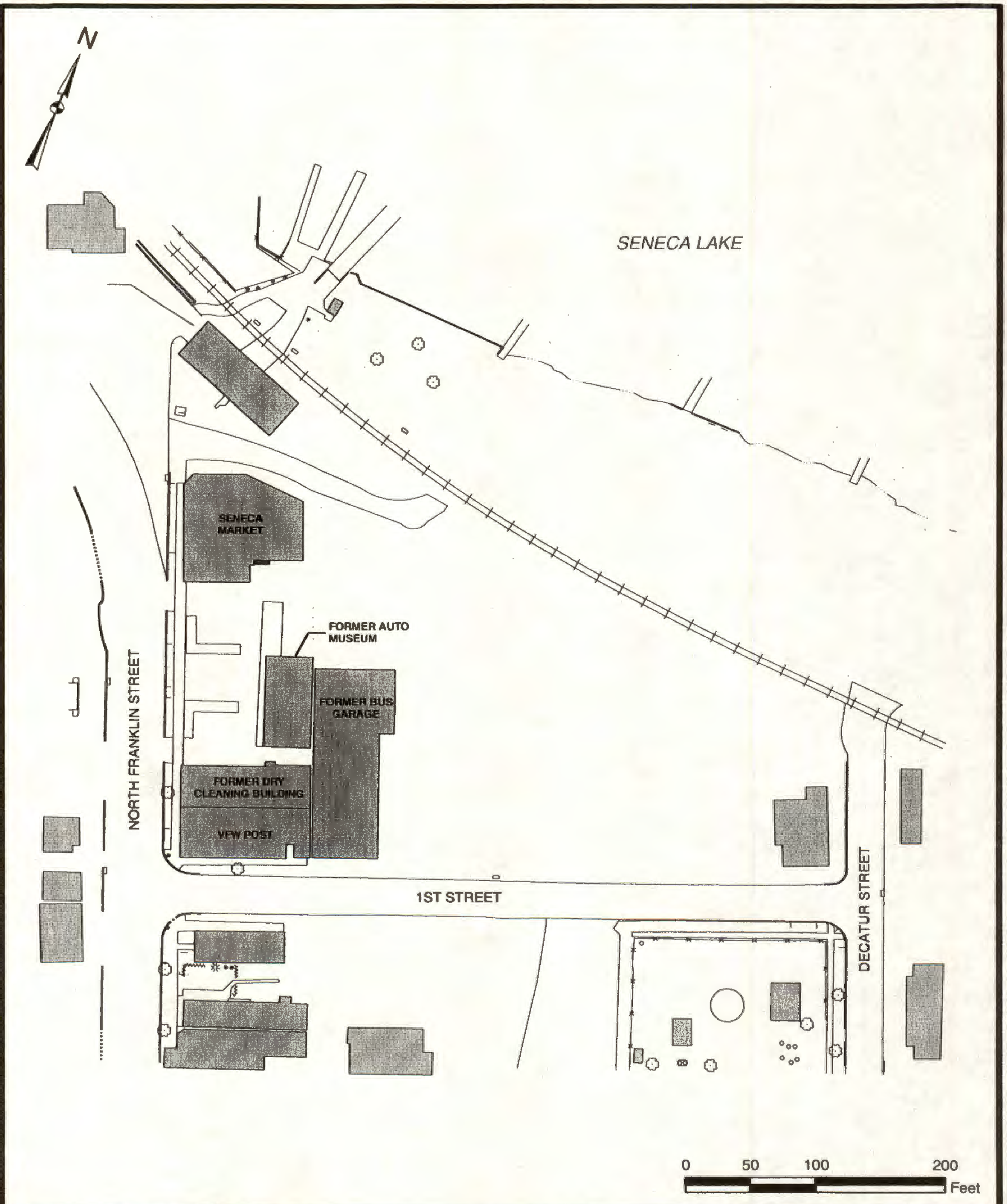
Location ID		20060124-AB-1	SG-08	SG-08	SG-09	SG-10
Sample ID		20060124-AB-1	SG-08	SG-08-DUP	SG-09	SG-10
Matrix		Ambient Air	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Depth Interval (ft)		-	-	-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06	01/24/06	01/24/06
Parameter	Units			Field Duplicate (1-1)		
Volatile Organic Compounds						
Benzene	UG/M3	1.7	2.7	2.0 J	1.5	1.0
Toluene	UG/M3	3.0	4.1	4.9 J	0.83	2.1
Ethylbenzene	UG/M3		0.83	1.2 J		0.74
Xylene (total)	UG/M3	1.7	3.0	7.4 J		4.3
1,3,5-Trimethylbenzene	UG/M3					0.93
4-Ethyltoluene	UG/M3			2.5 J		2.8
Heptane	UG/M3		0.82			
Hexane	UG/M3	1.1				
Trichlorofluoromethane	UG/M3	1.4			2.4	
Dichlorodifluoromethane	UG/M3	2.9			4.3	

Flags assigned during chemistry validation are shown.

Note: Non-detects are shown as blank.
J - The analyte was positively identified, the quantitation is an estimation.
D - Result reported from a secondary dilution analysis.

Only Detected Results Reported.

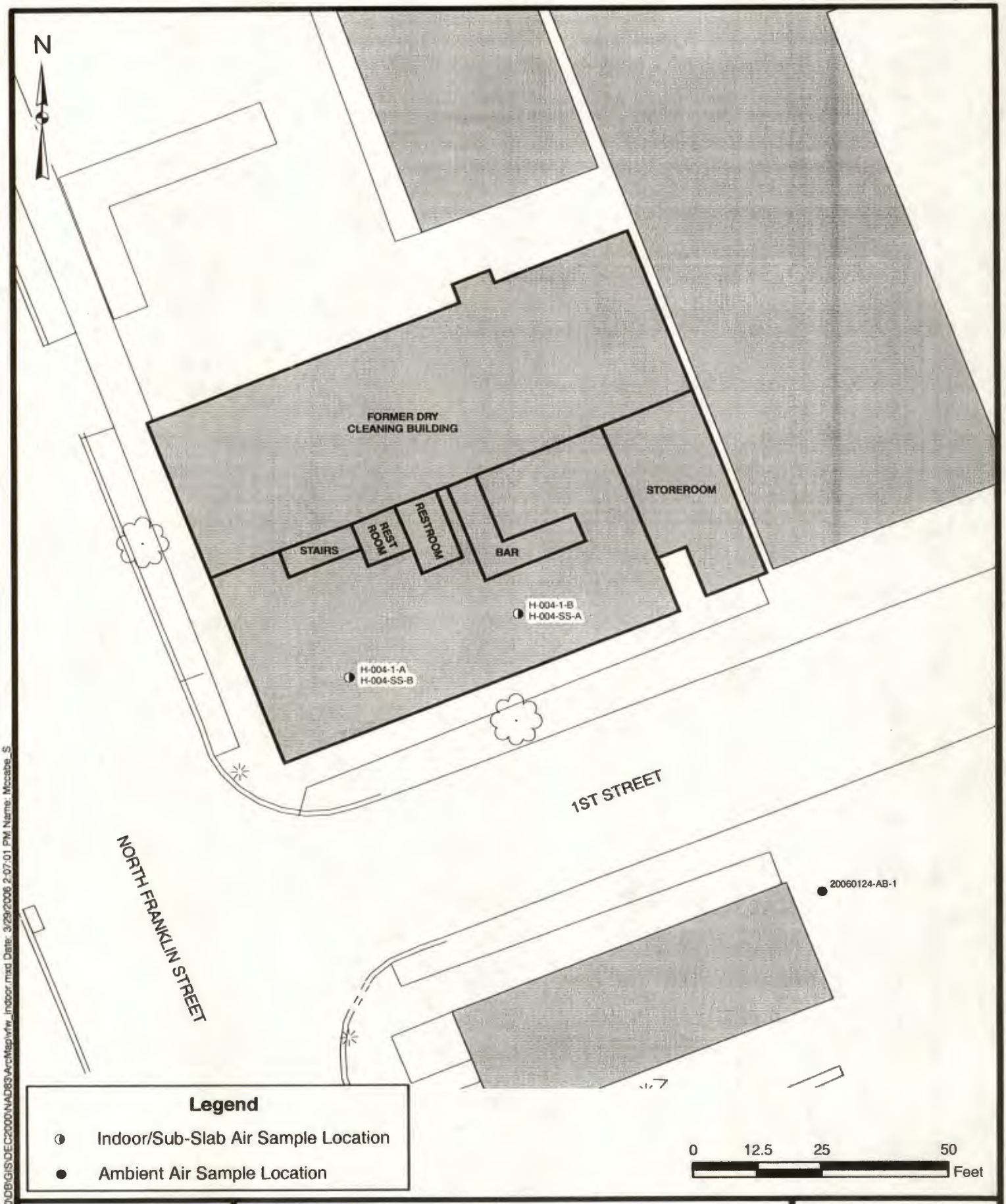
FIGURES



URS

NORTH FRANKLIN STREET
PROJECT SITE

FIGURE 1

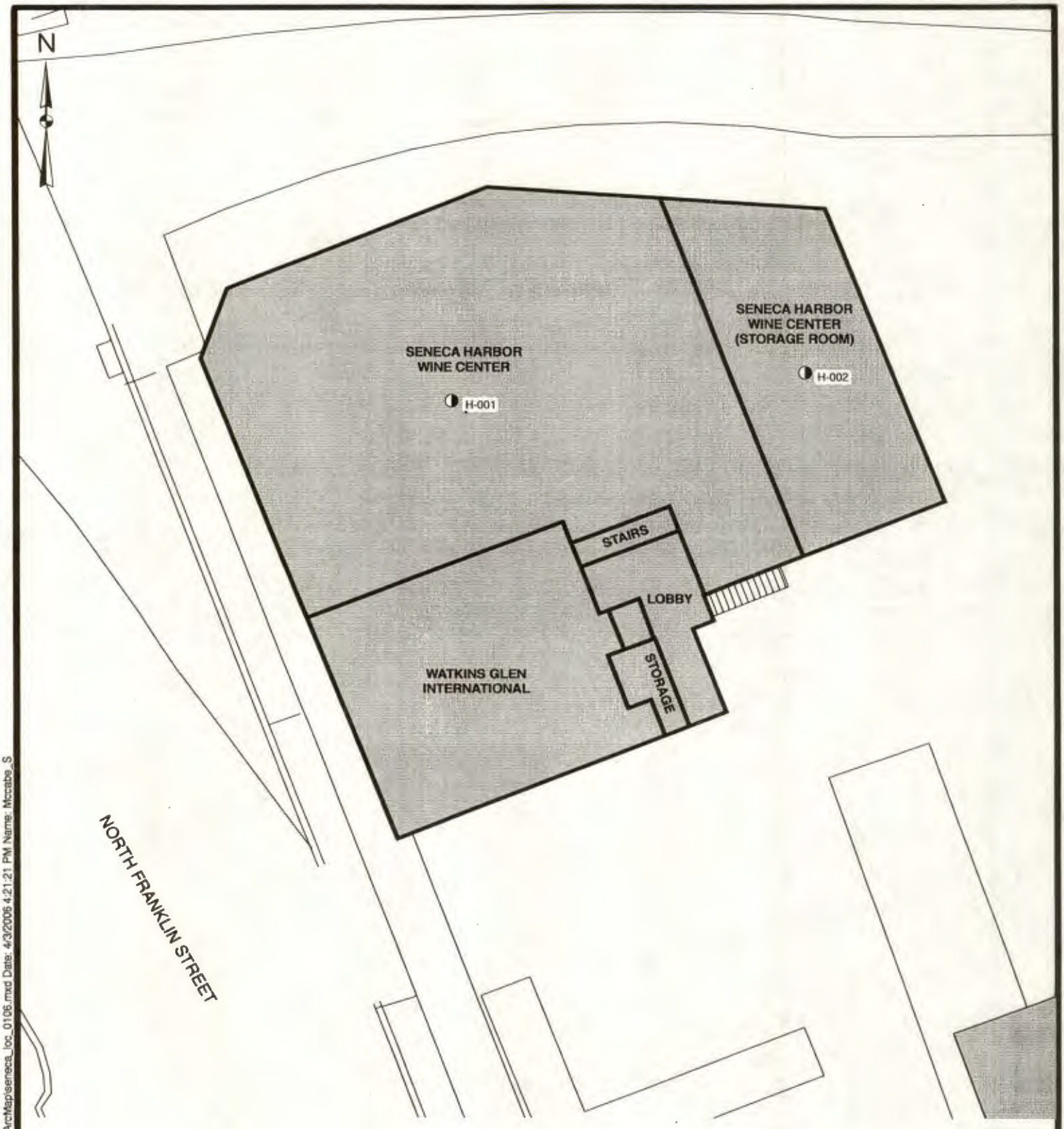


N:\111730258.00000\DB\GIS\DEC2000\NAD83\ArcMap\vfw_indoor.mxd Date: 3/29/2006 2:07:01 PM Name: Mccabe_S

URS

VFW POST
INDOOR/SUB-SLAB AIR SAMPLE LOCATIONS

FIGURE 2



Legend

◑ Indoor Air Sample Location

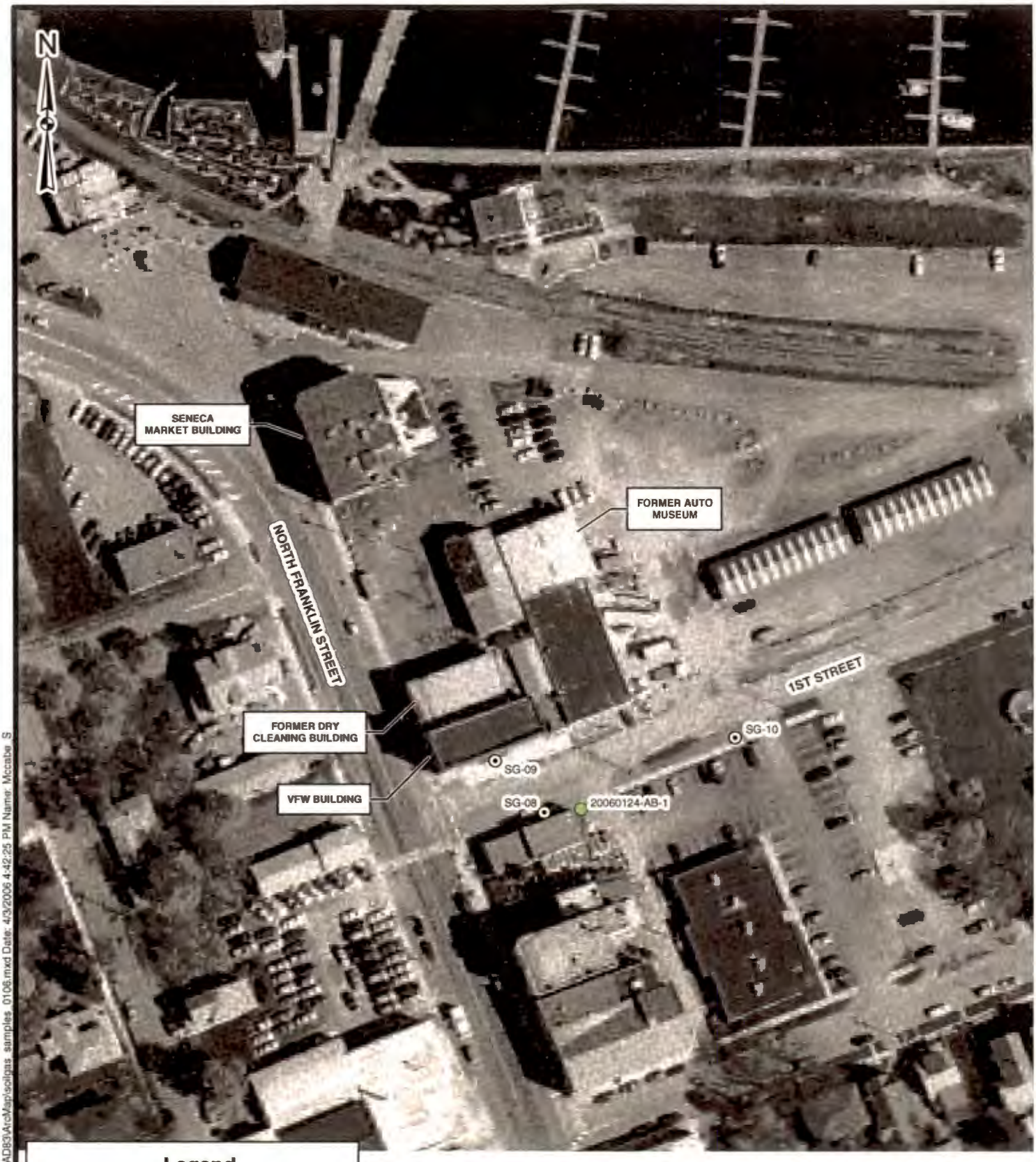
0 10 20 40 Feet

URS

SENECA MARKET BUILDING
2 NORTH FRANKLIN STREET
INDOOR AIR SAMPLE LOCATIONS

FIGURE 3

N:\11173258.00000\DB\GIS\DEC2000\NAD83\ArcMap\seneca_loc_0106.mxd Date: 4/3/2006 4:21:21 PM Name: Mccabe_S



Legend

- Soil-Gas Conduit Location
- Ambient Air Sample Location

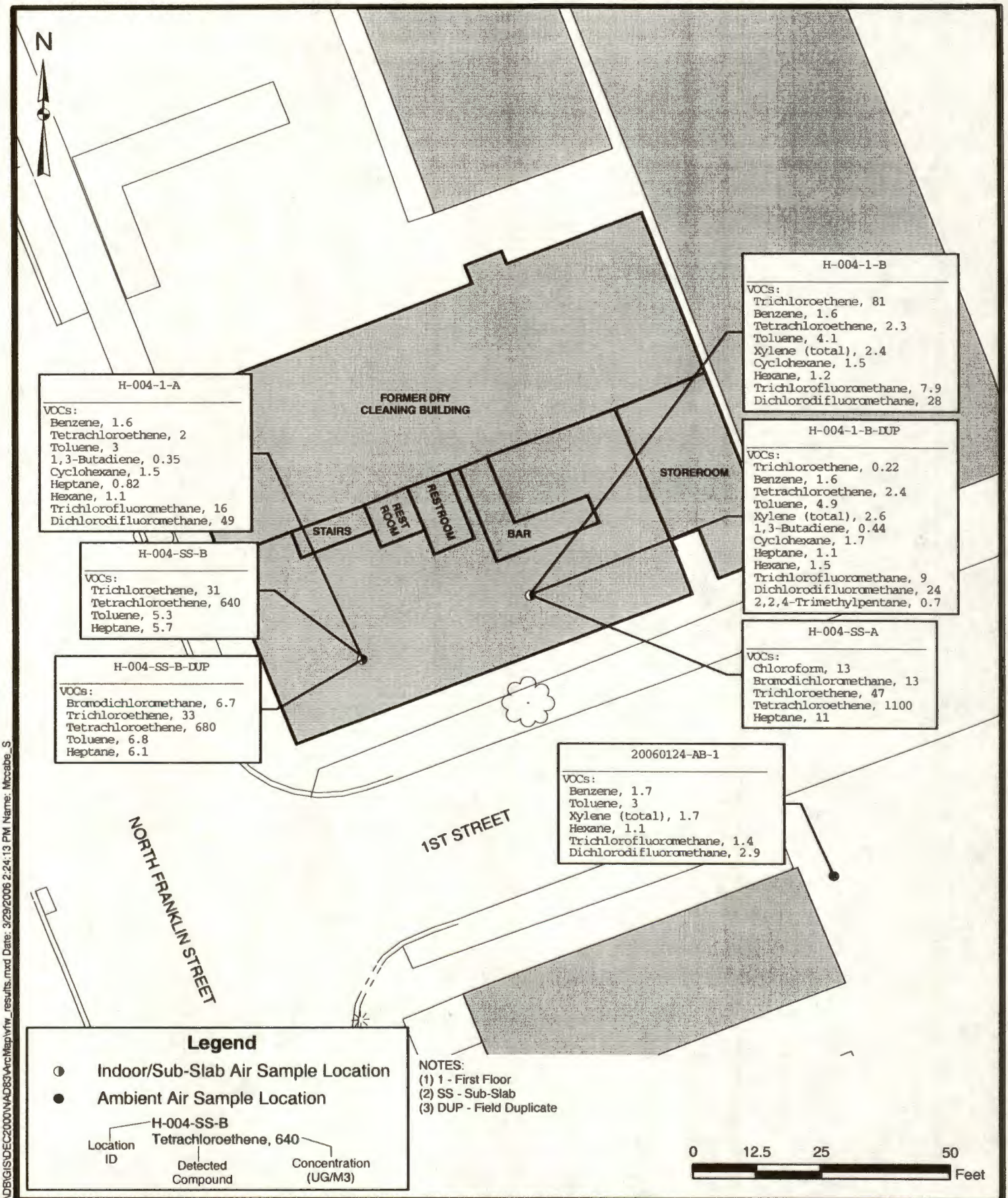
0 50 100 200 Feet

URS

NORTH FRANKLIN STREET
SOIL-GAS CONDUIT LOCATIONS

FIGURE 4

N:\11173258.00000\DB\GIS\DEC2000\NAD83\ArcMap\soilgas_samples_0106.mxd Date: 4/3/2006 4:42:25 PM Name: Mccabe_S

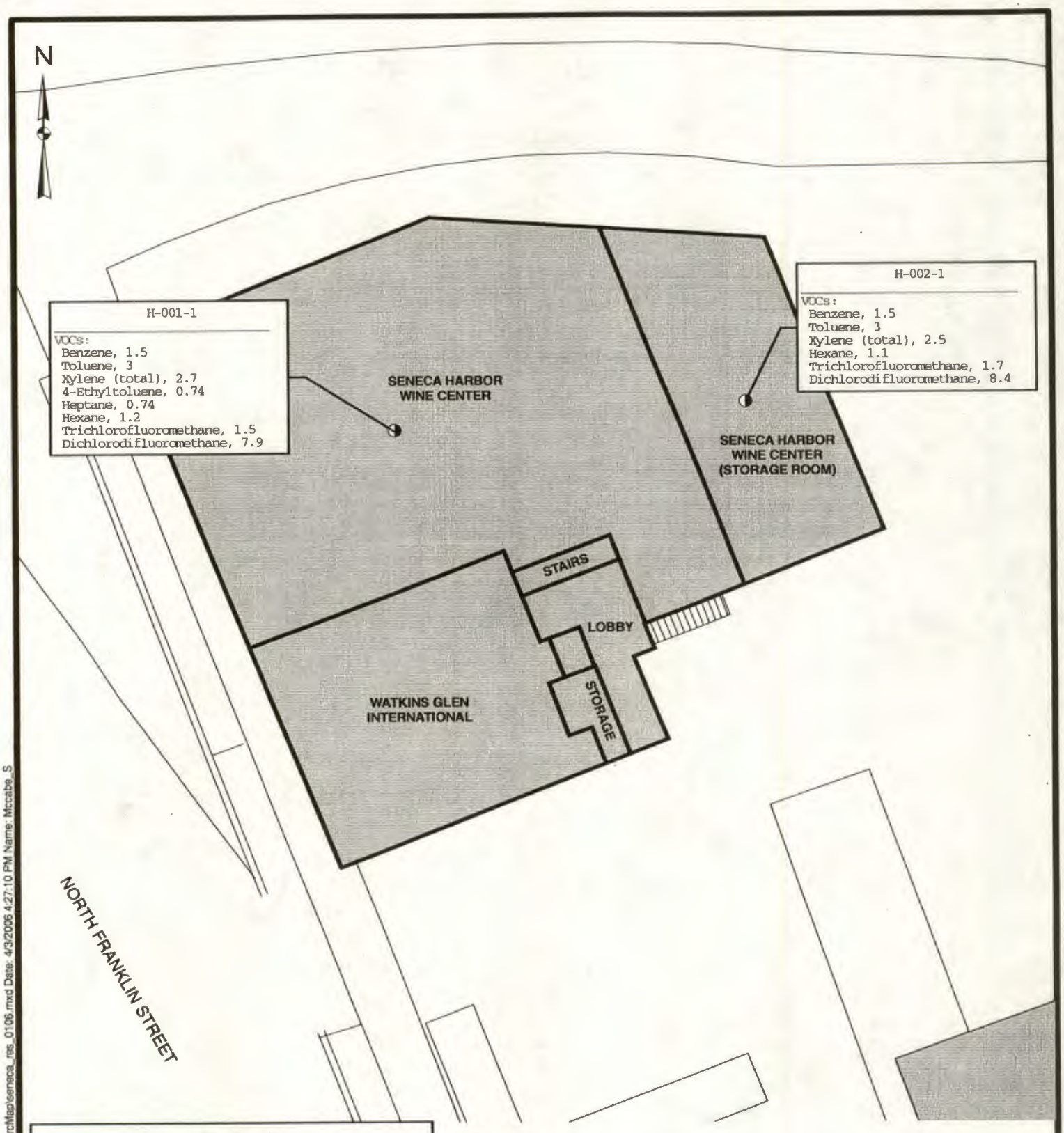


N:\11173258.00000\DB\GIS\DEC2000\MXD83\ArcMap\vfw_results.mxd Date: 3/29/2006 2:24:13 PM Name: Mccabe_S

URS

VFW POST
INDOOR/SUB-SLAB AIR SAMPLE RESULTS

FIGURE 5

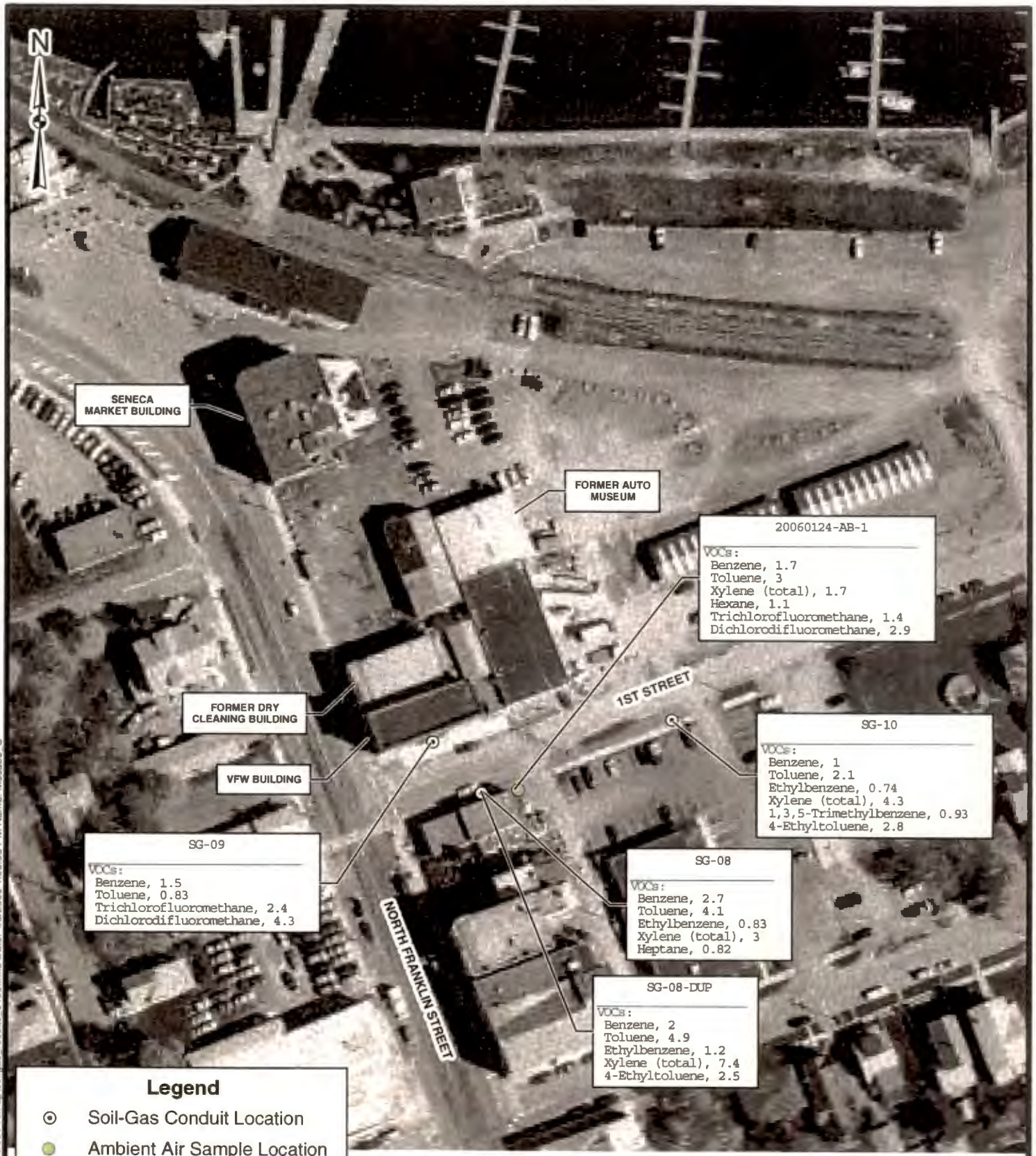


N:\11173268.00000\DSVGIS\DEC2000\NAD83\ArcMap\seneca_res_0106.mxd Date: 4/3/2006 4:27:10 PM Name: Mccabe_S

URS

SENECA MARKET BUILDING
2 NORTH FRANKLIN STREET
INDOOR AIR SAMPLE RESULTS

FIGURE 6



N:\11173258.00000\DB\GIS\DEC2000\NAD83\ArcMap\soilgas_results_0106.mxd Date: 4/3/2006 4:55:53 PM Name: Mccabe, S

URS

NORTH FRANKLIN STREET
SOIL-GAS CONDUIT ANALYTICAL RESULTS

FIGURE 7

ATTACHMENT 1

PRE-SAMPLING QUESTIONNAIRE AND 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 building involved in indoor air testing.

Preparer's Name John Boyd Date 1/23/06 Time 1624

Preparer's Affiliation VRS Corp Phone No. 716 856 5636

1. OCCUPANT:

Interviewed: Y / N

Last Name: ESTES First Name: Robt.

Address: VFW Post 2674 30 N. Franklin St.

County: Schuyler

Home Phone: ——— Office Phone: VFW Post Hall 535 7745 (607)

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

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

VFW Post Facility

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: Commercial 3-story Bldg.

If multiple units, how many? _____

If the property is commercial, type? YES

Business Type(s) VFW Hall

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

Other characteristics:

Number of floors 3 Building age 1899

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

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

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	(slab)	other BASEMENT filled in previously
c. Basement floor: NA	concrete	dirt	stone	other _____
d. Basement floor: NA	uncovered	covered	covered with _____	
e. Concrete floor: MAIN FLOOR	unsealed	sealed	sealed with Tile (good shape)	
f. Foundation walls:	poured	block	stone	other CANNOT BE SEEN
g. Foundation walls:	unsealed	sealed	sealed with CAN't determine	
h. The basement is: NA	wet	damp	dry	moldy
i. The basement is: NA	finished	unfinished	partially finished	

j. Sump present? Y (N)

k. Water in sump? Y / N (not applicable)

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

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

None noted – Previous basement or crawl space filled in many years ago. Floor is now concrete, Tile over, except bath storage area that has a concrete floor – good conditions

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

Type of heating system(s) used in this building:

(Hot air circulation)	Heat pump	Hot water baseboard
Kerosene Heater	Stream radiation	Radiant floor
Electric baseboard	Wood stove	Other _____

The type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
~~Electric~~	Propane	Solar
Wood	Coal	

Hot water tank fueled by: NAT GAS.

Boiler/furnace located in: Basement Outdoors (Main Floor and second 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 in the basement including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Furnace and AIR conditioner located on 2nd floor – See map for sketch

6. OCCUPANCY

Basement / lowest level occupancy? NA

Full time Occasionally Seldom Almost Never

Level	General Use of Each Floor (e.g., family/playroom, bedroom, laundry, workshop, storage, office)
Basement	NA
1st Floor	BAR, FUNCTION ROOM
2nd Floor	KITCHEN + MEETING. . FURNACE.
3rd Floor	STORAGE
4th Floor	

7. 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 etc.) Y / N / (NA) Please specify _____

d. Has the building ever had a fire? Y / (N) When? _____

e. Is there a kerosene 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? daily

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? URINALS (CAKES)

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? OUTSIDE 2nd floor.

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

o. Has there been a pesticide application? (Y) / N When & Type? Today in AM

Are there odors in the building? Y/(N)

If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N GUESTS MAY. NO INFO.
(e.g., chemical manufacturing or laboratory, automechanic or autobody shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist etc.)

If yes, what types of solvents are used? Unknown.

If yes, are their clothes washed at work? ~~Y/N~~ (DO) NOT KNOWN.

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

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

Is there a radon mitigation system for the building/structure? Y/(N)

Date of Installation: _____

8. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Other: _____

9. 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

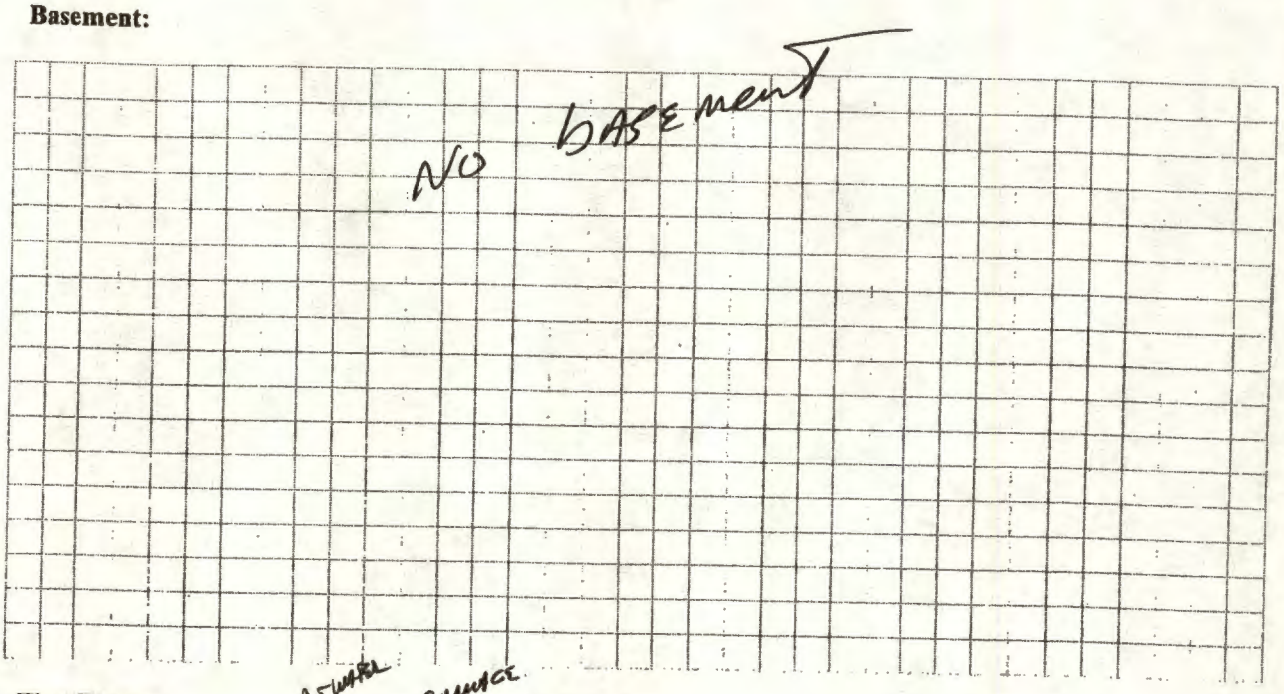
c. Responsibility for costs associated with reimbursement explained? Y / N

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

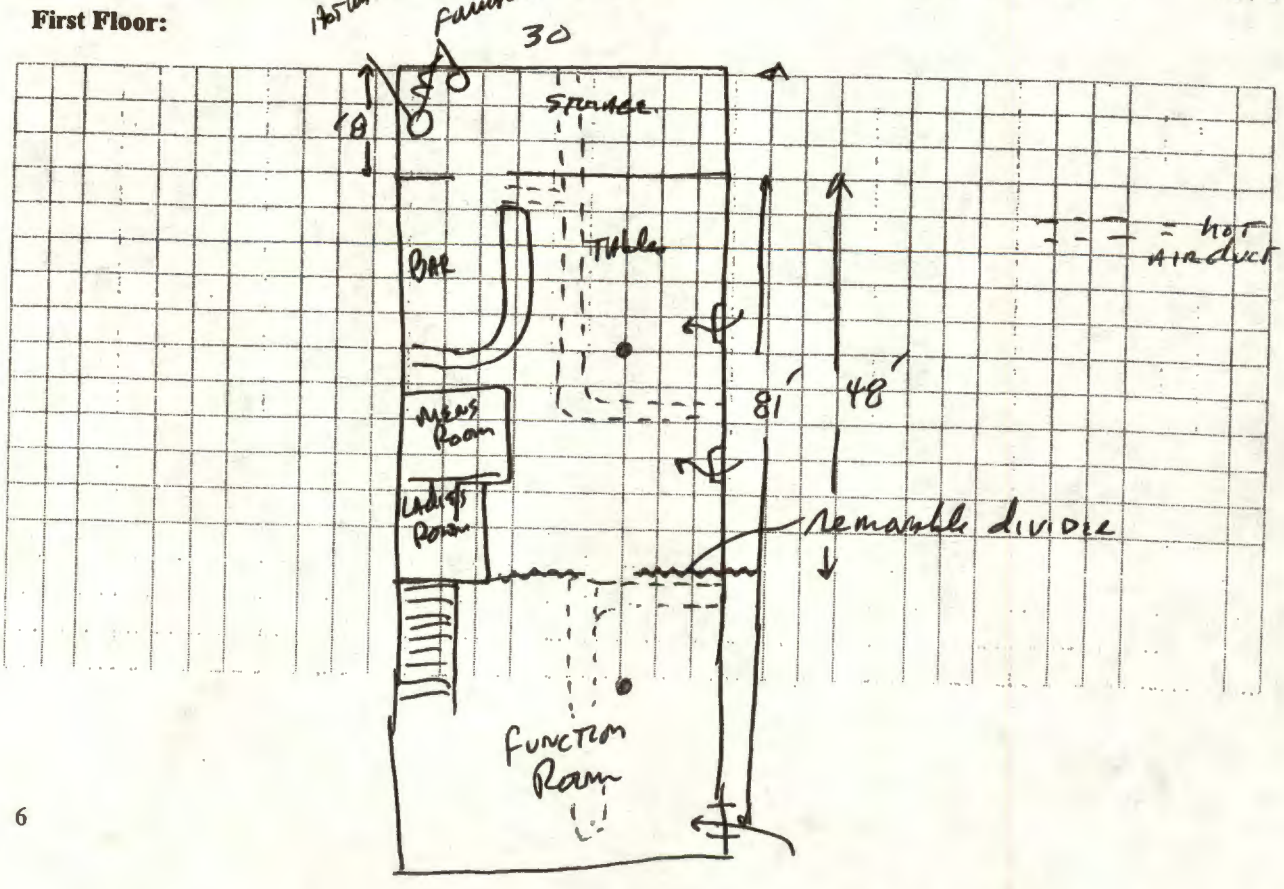
10. FLOOR PLANS

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:



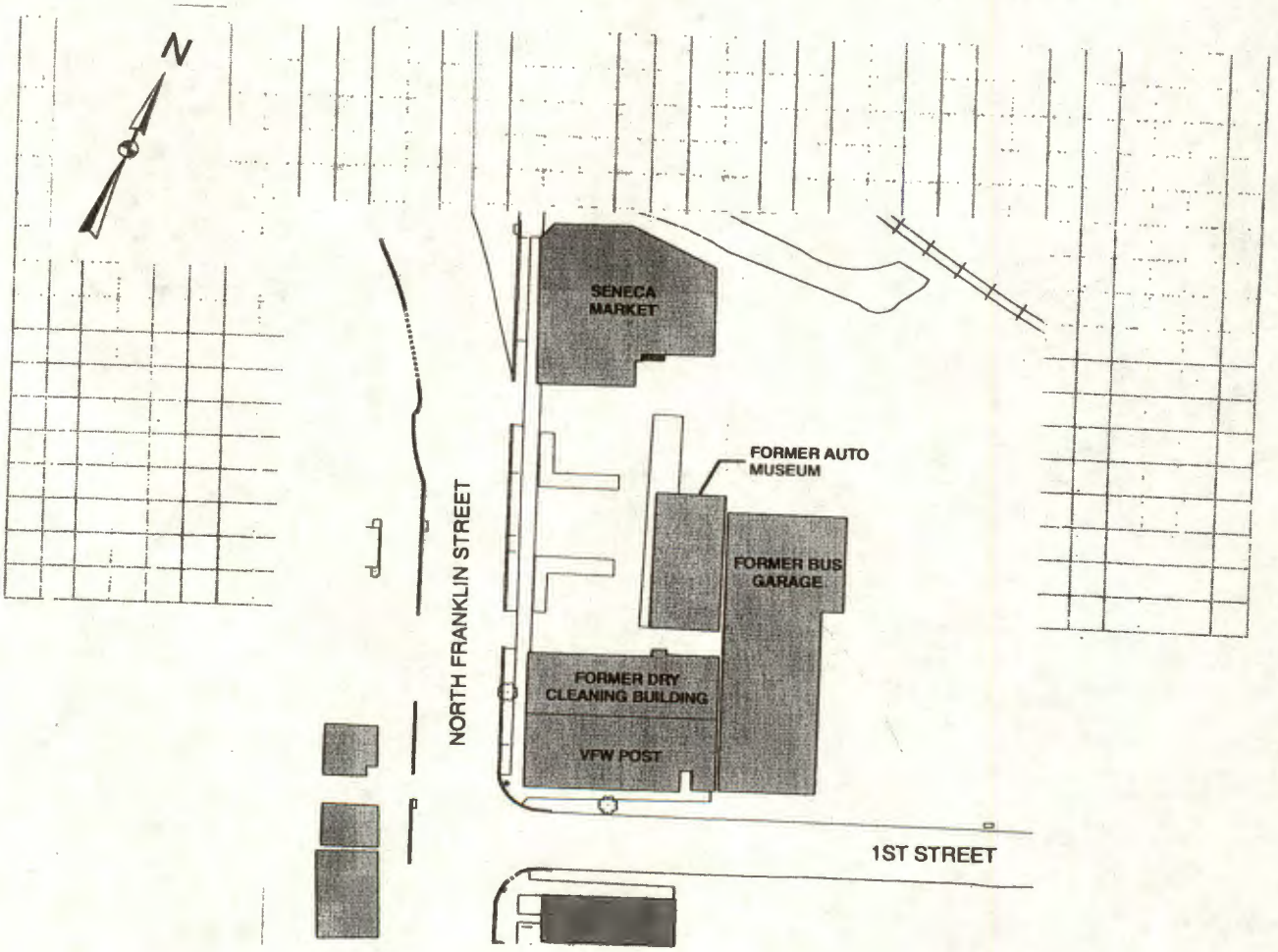
First Floor:



11. 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.



30 N. Franklin St. H-004
1/23/06

PJ 1

12. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb RAE

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) ppb	Photo** Y/N
Utility closet	Lemon Pledge spray polish	17.7 oz	U	none Listed	226	N
"	SPRAY ENAMEL (NO CAP on CAN)	11 oz	U	None Listed (cold can)	45	N
"	ISO propyl Alcohol	16 oz	U	ISO propyl Alcohol	20	N
"	3 in 1 oil	3 oz	U	PETROLEUM DISTILLATES	12	N
"	Creamed Lightning cleaner	40 oz	U	glycol ether, detergents	6000	N
"	STAINLESS-STEEL Cleaner	17 oz	U	ISO PARAFFINIC hydrocarbons, solvent, methanol,	110	N
"	ACE Lube penetrant 2 CANS	11 oz	UO	ISO BUTANE, PROPANE PETROLEUM DISTILLATES	135	N
"	SILICONE LUBE SPRAY	10 oz	U	hexane, propane, isohexane	625	N
"	RUST STOPPER ENAMEL SPRAY PAINT	15 oz	UO	Acetone, xylene, petrol. DISTILLATES,	117	N
"	Cleaner SPRAY	1 LB, 6.5 oz	UO	ISO propyl alcohol, ETHylene glycol ISOBUTANE	31	N
"	FOOD PLANT INSECT SPRAY	15 oz	U	AROMATIC PETROL. HYDROCARBONS	15	N
Rear STORAGE	RUSTOLEUM PAINT	16 oz	U	PETROL. DISTILLATES	0	N
"	MINWAX STAIN	gal	U	Aliphatic hydrocarbons	10	N
"	POLYURETHANE ENAMEL PAINT	qt	UO	PETROL. DISTILLATES	0	N
"	LATEX PAINT	gal		ETHylene glycol propylene " "	41	N
"	SPRAY PAINT	11.5	U	TOLUENE, XYLENE	725	N
"	" "	11 oz	U	PETROLEUM DISTILLATES TOLUENE	3200	N
"	SPRAY ENAMEL (2 CANS)	15 oz	U	NOT LISTED	1262	N
"	PVC Cement	4 oz	U	acetone, MEK	301	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.**

Background - bar area = ≈ 115 ppb → 75 ppb AVE = 100 ppb
Background utility closet = AVE 100 ppb
Background rear STORAGE area ≈ 30 ppb

30 N. Franklin Street H-004
1/23/06

Pg 2

12. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ppb. Rae

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) ppb	Photo** Y/N
Rear Storage	PVC Cement	4 oz	UO	MEK Acetone, Tetrahydrofuran	7100	N
"	Mina Wax Stain	½ Pint	U	Petrol. distillates	40	N
"	Paint Thinner	1/2	U	Pet. Distillates	7400	N
"	Floor covering Adhesive	QT	U	Haz. Ingredient	0	N
"	Latex Paint (2 cans)	gal	U	None Listed	0	N
Storage under stairs	Tile cement	1/2	U	Not Listed	20	N
"	Latex Paint (3 cans)	1/2	U	None Listed	10	N
"	Stenorize cleaner	gal	U	Isopropyl Alcohol 2 butyoxy Alcohol	20	N
Utility ~~Closet~~ Room	Kilz Paint	QT	U	Aliphic hydrocarbons	24.2 ppm	N
"	Old English Furniture Polish	8 oz	U	Petrol. distillates	45	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.**

Background. Storage under stairs = 100ppb

8 Utility ~~Closet~~ Room background =

ATTACHMENT 2

PHOTOGRAPHIC LOG

NORTH FRANKLIN STREET
WATKINS GLEN, NEW YORK

Photo 1: 20060124-AB-1 (Ambient Air Sample)

Photo 2: SG-08

NORTH FRANKLIN STREET
WATKINS GLEN, NEW YORK

Photo 3: SG-09

Photo 4: SG-10

NORTH FRANKLIN STREET
WATKINS GLEN, NEW YORK

Photo 5: H-004-SS-B, 20060124-FD-1 (duplicate of H-004-SS-B), H-004-1A

Photo 6: H-004-SS-A, H-004-1-B, 2006124-FD-2 (duplicate of H-004-1-B)

NORTH FRANKLIN STREET
WATKINS GLEN, NEW YORK

Photo 7: H-001-1

Photo 8: H-002-1

ATTACHMENT 3

SAMPLING LOGS AND CHAIN-OF-CUSTODY

Summa Canister Sampling Field Data Sheet

Site: N. FRANKLIN ST.

Samplers: John Boyd

Date: 1/24/06

Sample #	H-004-SS-A	H-004-SS-B	H 20060124-FD-1		
Location	30 N FRANKLIN ST.	30 N FRANKLIN ST	30 N FRANKLIN ST		
Summa Canister ID	12308	04738	~~722~~ 5619		
Flow Controller ID	7237458	7237461	7229534		
Additional Tubing Added	NO/ (YES) - How much	NO/ (YES) - How much 2½	NO/ (YES) - How much 2½	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	0933	0918	0918		
Purge Time (Stop)	0937	0921	0921		
Total Purge Time (min)	4 MIN	3 MIN	3 MIN		
Purge Volume	1 LITER	1 LITER	1 LITER		
PID Test of Purge Air	410 PPb	275	275		
Initial Tracer Gas Results	—	—	—		
Pressure Gauge - before sampling	-29	27.5	29.0		
Sample Time (Start)	0939	0923	0923		
Sample Time (Stop)	1739	1723	1723		
Total Sample Time (min)	8 Hr.	8 Hr.	8 Hr.		
Pressure Gauge - after sampling	-4.5	(OK) ~~-5~~ -14	-1.5		
Sample Volume	6 LITERS	6 LITERS	6 LITERS		
Canister Pressure Went To Ambient Pressure?	YES / (NO)	YES / (NO)	YES / (NO)	YES / NO	YES / NO
Final Tracer Gas Results	—	—	—		
Associated Ambient Air Sample Number	20060124-AB-1	20060124-AB-1	20060124-AB-1		
General Comments:	AT WEST end of Bldg Photo 2	AT EAST end of Bldg Photo ~~2~~ 1	Dup of H-004-SS-B Photo ~~2~~ 1		

Summa Canister Sampling Field Data Sheet

Site: N. FRANKLIN ST.
Samplers: John Boyd
Date: 1/24/06

Sample #	H-004-1-A	H-004-1-B	20060124-FD-2	20060124-AB-1	
Location	30 N. FRANKLIN ST VFW Hall	30 N. FRANKLIN ST. VFW Hall	30 N. FRANKLIN ST. VFW Hall	1ST Street	
Summa Canister ID	2619	3287	2751	3547	
Flow Controller ID	7279819	7299278	7301373	7228626	
Additional Tubing Added	(NO) YES - How much	(NO) YES - How much	(NO) YES - How much	(NO) YES - How much	NO/ YES - How much
Purge Time (Start)	—	—	—	—	
Purge Time (Stop)	—	—	—	—	
Total Purge Time (min)	—	—	—	—	
Purge Volume	—	—	—	—	
PID Test of Purge Air	—	—	—	—	
Initial Tracer Gas Results	—	—	—	—	
Pressure Gauge - before sampling	-30+	-29	-30	-28	
Sample Time (Start)	0943	0946	0946	1020	
Sample Time (Stop)	1743	1746	1746	1337	
Total Sample Time (min)	8 hr	8 hr	8 hr	3 hr 17 min	
Pressure Gauge - after sampling	-5	-0.5	-1	-0.5	
Sample Volume	6 LITERS	6 LITERS	6 LITERS	6 LITERS	
Canister Pressure Went To Ambient Pressure?	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / NO
Final Tracer Gas Results	—	—	—	—	
Associated Ambient Air Sample Number	20060124-AB-1	20060124-AB-1	20060124-AB-1	—	
General Comments:	AT EAST END of Bldg Photo 1	at WEST end of Bldg Photo 2	Dup. of H-004-1-B Photo 2	Photo 3	

NOTE: 20060124-AB-1 went to -0.5 pressure after 3 hr., 17 min. Checked vacuum w/ SPARE GAUGE. This one read 0.0. TOC LAB to check pressure and to call before analysis.

Summa Canister Sampling Field Data Sheet

Site: N. Franklin ST.
Samplers: Tom Boyd
Date: 1/24/06

Sample #	H-002-1	H-001-1	SG-10		
Location	~~2 First~~ 2 N. Franklin ST	2 N Franklin ST	1ST Street		
Summa Canister ID	3038	3412	2869		
Flow Controller ID	7242826	7234424	7245505		
Additional Tubing Added	(NO) YES - How much	(NO) YES - How much	NO/ (YES) - How much 2'	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	—	—	1238		
Purge Time (Stop)	—	—	1242		
Total Purge Time (min)	—	—	4 MIN		
Purge Volume	—	—	1 LITER		
PID Test of Purge Air	—	—	176 ppb		
Initial Tracer Gas Results	—	—	—		
Pressure Gauge - before sampling	-29	-30	-27.5		
Sample Time (Start)	~~3038~~ 1045	1046	1356		
Sample Time (Stop)	1845	1846	1456		
Total Sample Time (min)	8 hr	8hr.	60 MIN		
Pressure Gauge - after sampling	-2	-8	-1.5		
Sample Volume	6 LITERS	6 LITERS	6 LITERS		
Canister Pressure Went To Ambient Pressure?	YES / NO	YES / NO	YES (NO)	YES / NO	YES / NO
Final Tracer Gas Results	—	—	—		
Associated Ambient Air Sample Number	20060124-AB-1	20060124-AB-1	20060124-AB-1		

General Comments: PHOTO 4 PHOTO 5 PHOTO 8

NOTE: SG-10 - Resample using orig. Regulator and NEW 1L CANISTER. Original went to ambient in 60 min!

Summa Canister Sampling Field Data Sheet

Site: N. FRANKLIN Street
Samplers: John Boyd
Date: 1/24/06

Sample #	SG-9	~~SG-10~~ SG-8	SG-10	20060124-FD-3	SG-09
Location	1ST STREET WATKINS GLEN	1ST STREET WATKINS GLEN	1ST STREET WATKINS GLEN	1ST STREET WATKINS GLEN	1ST STREET WATKINS Glen
Summa Canister ID	12461	04339	03840	93074	12574
Flow Controller ID	724 5443	7280617	7245505	7280641	7249629
Additional Tubing Added	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'
Purge Time (Start)	1202	1216	1238	1216	1310
Purge Time (Stop)	1205	~~1220~~ VB 1220	1242	1220	1314
Total Purge Time (min)	3 MIN	4 MIN	4 MIN	4 MIN	4 MIN
Purge Volume	1 LITER	1 LITER	1 LITER	1 LITER	1 LITER
PID Test of Purge Air	355 PPb	360 PPb	176 PPb	360 PPb	346 PPb
Initial Tracer Gas Results	—	—	—	—	—
Pressure Gauge - before sampling	-28	-27.5	-20	-28.5	-25
Sample Time (Start)	1206	1222	1244	1222	1316
Sample Time (Stop)		1324	1244	1324	1416
Total Sample Time (min)		62	60 MIN	62	60 MIN
Pressure Gauge - after sampling		-18.5	-18	-18.5	-18.5
Sample Volume		6 LITER	6 LITER	6 LITER	6 LITER
Canister Pressure Went To Ambient Pressure?	YES / (NO)	YES / NO	(YES) / NO	YES / NO	YES / (NO)
Final Tracer Gas Results	—	—	—	—	—
Associated Ambient Air Sample Number	20060124-AB-1	20060124-AB-1	20060124-AB-1	20060124-AB-1	20060124-AB-1

General Comments: PHOTO 6 PHOTO 7 PHOTO 8 DUP of SG-8 PHOTO 9

NOTE: ~~SG-~~ FIRST SG-9 NEVER LOST pressure on gauge - Resampled PHOTO 7

NOTE: SG-10 Appears to have gone to ambient in 60 min. Resampled - See other sheet

NOTE: Resampled SG-9 pulling a strong VACUUM.

ORIGINAL yellow copy with Ann Marie Knopovich

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 111 74211.99998

SITE NAME N. FRANKLIN Street

SAMPLERS (PRINT/SIGNATURE) JOHN BOYD

LAB STL BURLINGTON

COOLER 5 BOXES of

PAGE 1 of 1

DELIVERY SERVICE: FED EX AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	TESTS: TO-15	TESTS: TO-15 LOW LEVEL	BOTTLE TYPE AND PRESERVATIVE: 6 Liter Summa	BOTTLE TYPE AND PRESERVATIVE: 6 Liter Summa	REMARKS (CANISTER NO / FLOW CONTROLLER NO)	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (EQUIS)
H-004	1/24/06	0923	8 hr	~~SX~~ H-004-SS-B	GS	1			✓		4738 / 2337461	N	-	-	-
H-004	|	1939	8hr	H-004-SS-A	GS	1			✓		12308 / 2237458	N	-	-	-
H-004	|	0943	8 hr	H-004-1-A	AA	1				✓	2619 / 2234819	N	-	-	-
H-004	|	0946	8hr	H-004-1-B	AA	1				✓	3265 / 2297278	N	-	-	-
	|	1020	8 hr	20060124-AB-1	AA	1				✓	5547 / 2223626	N	-	-	-
H-002	|	1045	8 hr	H-002-1	AA	1				✓	3038 / 2242826	N	-	-	-
H-002	|	1046	8 hr	H-001-1	AA	1				✓	3412 / 2234474	N	-	-	-
SG-08	|	1222	1 hr	SG-08	GS	1			✓		4359 / 2280617	N	-	-	-
SG-09	|	1316	1 hr	SG-09	GS	1			✓		12574 / 2245829	N	-	-	-
SG-10	|	1356	1 hr.	SG-10	GS	1			✓		2864 / 2245505	N	-	-	-
-	|	-	8 hr.	20060124-FD-1	GS	1			✓		5619 / 2229534	FR1	-	-	-
-	|	-	8 hr.	20060124-FD-2	AA	1				✓	2751 / 2301373	FR2	-	-	-
-	↓	-	1 hr.	20060124-FD-3	GS	1			✓		93074 / 2280641	FR3	-	-	-

MATRIX CODES
AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES
TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
JOHN BOYD	1/25/06	1200			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS
CALL ANN MARIE KNOPOVITCH AT URS IF QUESTIONS 716-856-5636
NOTE. 20060124-AB-1 ONLY SAMPLED FOR 3 hr 17 min INSTEAD OF 8 hrs.

Distribution: Original accompanies shipment, copy to coordinator field files

ATTACHMENT 4

DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

NORTH FRANKLIN STREET SITE

SITE NO. 84-90-002

WORK ASSIGNMENT D003825-09.3

Analyses Performed by:

STL-BURLINGTON

Prepared by:

URS CORPORATION

77 GOODELL STREET

BUFFALO, NY 14203

APRIL 2006

TABLE OF CONTENTS

TABLES
(Following Text)

APPENDICES

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999. This DUSR discusses sub slab, indoor, soil gas, and ambient air samples collected on January 24, 2006.

II. ANALYTICAL METHODOLOGIES

The sub slab, indoor, soil gas, and ambient air data being evaluated is from the January 24, 2006 sampling of 4 indoor air samples, 2 subslab air samples, 3 soil gas samples, 1 ambient air sample, and 3 field duplicates. The analytical laboratory that performed the analyses is Severn-Trent Laboratories, Inc. located in Burlington, VT (STL-Burlington). The samples were analyzed for volatile organic compounds (VOCs) following USEPA Compendium Method TO-15, *Determination of VOCs in Air Collected in Specially Prepared Canisters and Analyzed By Gas Chromatography/ Mass Spectrometry (GC/MS)*.

Table 1 summarizes the data qualification applied to the sample results. The validated analytical results are presented in Table 2.

A limited data validation consisting of a completeness review, review of quality control problems, and verification of sample results was performed following the guidelines in was performed following the guidelines in USEPA Region II *Validating Canisters of Volatile Organics in Ambient Air, Rev. 0,* April 1994. Qualifications applied to the data include 'J' (estimated concentration) or 'UJ' (estimated quantitation limit). Documentation supporting the qualification of data is presented in Appendix A. Copies of the validated laboratory results (i.e., Form I's) are presented in Appendix B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages were provided by the laboratory, which included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratory intact and analyzed within the holding time with the following exception:

The samples were originally sent to the wrong facility due to a clerical error. The samples were then sent to the correct laboratory. Due to this delay, samples H-004-SS-A, H-004-SS-B, 20060124-FD-1 (H-004-SS-B), and 20060124-FD-3 (SG-08) were analyzed outside of the 14 day technical holding time. The results for all compounds were qualified 'J' or 'UJ' in these samples.

There are no contractual holding times in the June 2000 version of NYSDEC Analytical Services Protocol (ASP) for VOCs in air samples collected in Summa® canisters. For air samples collected in Summa® canisters, the USEPA Region II technical holding time from the validated time of sample receipt (VTSR) is seven days for polar compounds (i.e., alcohols, ketones) and 14 days for non-polar compounds. It should be noted Method TO-15 indicates storage stability for many VOCs in Summa® canisters over a period of up to 30 days.

V. NONCONFORMANCES

- Continuing Calibrations

  The %D between the initial calibration (ICAL) average relative response factor (RRF) and the continuing calibration (CCAL) RRF exceeded the QC limit [(i.e., > 25 percent difference (%D)] for 1,3,5-trimethylbenzene. The results for this compound in the samples listed on Table 1 have been qualified 'UJ.'

  Documentation supporting the qualification of data (e.g., Continuing Calibration Form) is presented in Appendix A.

VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified 'J' (estimated) or 'UJ' (estimated reporting limit) are considered conditionally usable. Results qualified 'D' are reported from a secondary dilution analysis. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

Prepared By: **Ann Marie Kropovitch, Chemist** **Date:** 3/31/06

Reviewed By: **George E. Kisluk, Senior Chemist** **Date:** 3/31/06

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

U – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J – The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R – The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

D – The sample results are reported from a separate secondary dilution analysis.

NJ – Presumptive evidence of a compound at an estimated value.

TABLE 1
SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	FRACTION	ANALYTICAL DEVIATION	QUALIFICATION
H-004-SS-A, H-004-SS-B, 20060124-FD-1 (H-004-SS-B), and 20060124-FD-3 (SG-08)	VOCs	Analyzed outside of technical holding time.	Qualify detects 'J' and non-detect results 'UJ'.
H-001-1, H-002-1, H-004-1A, H-004-1-B, 20060124-AB-1, 20060124-FD-2 (20060124-FD-2)	VOCs	CCAL %D > 25% for 1,3,5-trimethylbenzene.	Qualify non-detect results 'UJ'.

TABLE 2
VALIDATED AIR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE

Location ID		20060124-AB-1	H-001	H-002	H-004-1-A	H-004-1-B
Sample ID		20060124-AB-1	H-001-1	H-002-1	H-004-1-A	H-004-1-B
Matrix		Ambient Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air
Depth Interval (ft)		-	-	-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06	01/24/06	01/24/06
Parameter	Units					
Volatile Organic Compounds						
Bromomethane	UG/M3	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Vinyl Chloride	UG/M3	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chloroethane	UG/M3	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,1-Dichloroethene	UG/M3	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,1-Dichloroethane	UG/M3	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
Chloroform	UG/M3	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
1,2-Dichloroethane	UG/M3	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,2-Dichloroethene (total)	UG/M3	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,1,1-Trichloroethane	UG/M3	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Carbon Tetrachloride	UG/M3	0.94 U	0.94 U	0.94 U	0.94 U	0.94 U
Bromodichloromethane	UG/M3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/M3	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
cis-1,3-Dichloropropene	UG/M3	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Trichloroethene	UG/M3	0.21 U	0.21 U	0.21 U	0.21 U	81 D
Benzene	UG/M3	1.7	1.5	1.5	1.6	1.6
Dibromochloromethane	UG/M3	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
trans-1,3-Dichloropropene	UG/M3	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
1,1,2-Trichloroethane	UG/M3	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Bromoform	UG/M3	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Bromoethene	UG/M3	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
Tetrachloroethene	UG/M3	1 U	1 U	1 U	2.0	2.3
1,1,2,2-Tetrachloroethane	UG/M3	1 U	1 U	1 U	1 U	1 U
Toluene	UG/M3	3.0	3.0	3.0	3.0	4.1

Flags assigned during chemistry validation are shown.

Made by: AMK 03/30/06
Check by: GEK 03/30/06

Detection Limits shown are PQL

TABLE 2
VALIDATED AIR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE

Location ID		20060124-AB-1	H-001	H-002	H-004-1-A	H-004-1-B
Sample ID		20060124-AB-1	H-001-1	H-002-1	H-004-1-A	H-004-1-B
Matrix		Ambient Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air
Depth Interval (ft)		-	-	-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06	01/24/06	01/24/06
Parameter	Units					
Volatile Organic Compounds						
Ethylbenzene	UG/M3	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
Xylene (total)	UG/M3	1.7	2.7	2.5	0.65 U	2.4
cis-1,2-Dichloroethene	UG/M3	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
trans-1,2-Dichloroethene	UG/M3	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,3,5-Trimethylbenzene	UG/M3	0.74 UJ	0.74 UJ	0.74 UJ	0.74 UJ	0.74 UJ
Methyl tert-Butyl Ether	UG/M3	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
1,3-Butadiene	UG/M3	0.33 U	0.33 U	0.33 U	0.35	0.33 U
3-Chloropropene	UG/M3	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
4-Ethyltoluene	UG/M3	0.74 U	0.74	0.74 U	0.74 U	0.74 U
Cyclohexane	UG/M3	0.52 U	0.52 U	0.52 U	1.5	1.5
Ethylene Dibromide	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Heptane	UG/M3	0.61 U	0.74	0.61 U	0.82	0.61 U
Hexane	UG/M3	1.1	1.2	1.1	1.1	1.2
Trichlorofluoromethane	UG/M3	1.4	1.5	1.7	16	7.9
Dichlorodifluoromethane	UG/M3	2.9	7.9	8.4	49 D	28 D
1,2-Dichlorotetrafluoroethane	UG/M3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2,4-Trimethylpentane	UG/M3	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U

Flags assigned during chemistry validation are shown.

Made by: AMK 03/30/06
Check by: GEK 03/30/06

Detection Limits shown are PQL

TABLE 2
VALIDATED AIR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE

Location ID		H-004-1-B	H-004-SS-A	H-004-SS-B	H-004-SS-B	SG-08
Sample ID		H-004-1-B-DUP	H-004-SS-A	H-004-SS-B	H-004-SS-B-DUP	SG-08
Matrix		Indoor Air	Sub-Slab Air	Sub-Slab Air	Sub-Slab Air	Soil Gas
Depth Interval (ft)		-	-	-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06	01/24/06	01/24/06
Parameter	Units	Field Duplicate (1-1)			Field Duplicate (1-1)	
Volatile Organic Compounds						
Bromomethane	UG/M3	0.58 U	7.8 UJ	3.9 UJ	3.9 UJ	0.62 U
Vinyl Chloride	UG/M3	0.38 U	5.1 UJ	2.6 UJ	2.6 UJ	0.41 U
Chloroethane	UG/M3	0.4 U	13 UJ	6.6 UJ	6.6 UJ	1.1 U
1,1-Dichloroethene	UG/M3	0.59 U	7.9 UJ	4 UJ	4 UJ	0.63 U
1,1-Dichloroethane	UG/M3	0.61 U	8.1 UJ	4 UJ	4 UJ	0.65 U
Chloroform	UG/M3	0.73 U	13 J	4.9 UJ	4.9 UJ	0.78 U
1,2-Dichloroethane	UG/M3	0.61 U	8.1 UJ	4 UJ	4 UJ	0.65 U
1,2-Dichloroethene (total)	UG/M3	0.59 U	7.9 UJ	4 UJ	4 UJ	0.63 U
1,1,1-Trichloroethane	UG/M3	0.82 U	11 UJ	5.5 UJ	5.5 UJ	0.87 U
Carbon Tetrachloride	UG/M3	0.94 U	13 UJ	6.3 UJ	6.3 UJ	1 U
Bromodichloromethane	UG/M3	1 U	13 J	6.7 UJ	6.7 J	1.1 U
1,2-Dichloropropane	UG/M3	0.69 U	9.2 UJ	4.6 UJ	4.6 UJ	0.74 U
cis-1,3-Dichloropropene	UG/M3	0.68 U	9.1 UJ	4.5 UJ	4.5 UJ	0.73 U
Trichloroethene	UG/M3	0.22	47 J	31 J	33 J	0.86 U
Benzene	UG/M3	1.6	6.4 UJ	3.2 UJ	3.2 UJ	2.7
Dibromochloromethane	UG/M3	1.3 U	17 UJ	8.5 UJ	8.5 UJ	1.4 U
trans-1,3-Dichloropropene	UG/M3	0.68 U	9.1 UJ	4.5 UJ	4.5 UJ	0.73 U
1,1,2-Trichloroethane	UG/M3	0.82 U	11 UJ	5.5 UJ	5.5 UJ	0.87 U
Bromoform	UG/M3	1.6 U	21 UJ	10 UJ	10 UJ	1.7 U
Bromoethene	UG/M3	0.66 U	8.7 UJ	4.4 UJ	4.4 UJ	0.7 U
Tetrachloroethene	UG/M3	2.4	1,100 J	640 J	680 J	1.1 U
1,1,2,2-Tetrachloroethane	UG/M3	1 U	14 UJ	6.9 UJ	6.9 UJ	1.1 U
Toluene	UG/M3	4.9	7.5 UJ	5.3 J	6.8 J	4.1

Flags assigned during chemistry validation are shown.

Made by: AMK 03/30/06
Check by: GEK 03/30/06

Detection Limits shown are PQL

TABLE 2
VALIDATED AIR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE

Location ID		H-004-1-B	H-004-SS-A	H-004-SS-B	H-004-SS-B	SG-08
Sample ID		H-004-1-B-DUP	H-004-SS-A	H-004-SS-B	H-004-SS-B-DUP	SG-08
Matrix		Indoor Air	Sub-Slab Air	Sub-Slab Air	Sub-Slab Air	Soil Gas
Depth Interval (ft)		-	-	-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06	01/24/06	01/24/06
Parameter	Units	Field Duplicate (1-1)			Field Duplicate (1-1)	
Volatile Organic Compounds						
Ethylbenzene	UG/M3	0.65 U	8.7 UJ	4.3 UJ	4.3 UJ	0.83
Xylene (total)	UG/M3	2.6	8.7 UJ	11 UJ	11 UJ	3.0
cis-1,2-Dichloroethene	UG/M3	0.59 U	7.9 UJ	4 UJ	4 UJ	0.63 U
trans-1,2-Dichloroethene	UG/M3	0.59 U	7.9 UJ	4 UJ	4 UJ	0.63 U
1,3,5-Trimethylbenzene	UG/M3	0.74 UJ	9.8 UJ	4.9 UJ	4.9 UJ	0.79 U
Methyl tert-Butyl Ether	UG/M3	0.54 U	18 UJ	9 UJ	9 UJ	1.4 U
1,3-Butadiene	UG/M3	0.44	11 UJ	5.5 UJ	5.5 UJ	0.88 U
3-Chloropropene	UG/M3	0.47 U	16 UJ	7.8 UJ	7.8 UJ	1.3 U
4-Ethyltoluene	UG/M3	0.74 U	9.8 UJ	4.9 UJ	4.9 UJ	0.79 U
Cyclohexane	UG/M3	1.7	6.9 UJ	3.4 UJ	3.4 UJ	0.55 U
Ethylene Dibromide	UG/M3	1.2 U	15 UJ	7.7 UJ	7.7 UJ	1.2 U
Heptane	UG/M3	1.1	11 J	5.7 J	6.1 J	0.82
Hexane	UG/M3	1.5	18 UJ	8.8 UJ	8.8 UJ	1.4 U
Trichlorofluoromethane	UG/M3	9.0	11 UJ	5.6 UJ	5.6 UJ	0.9 U
Dichlorodifluoromethane	UG/M3	24 D	25 UJ	12 UJ	12 UJ	2 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.0 U	14 UJ	7.0 UJ	7.0 UJ	1.1 U
2,2,4-Trimethylpentane	UG/M3	0.70	9.3 UJ	4.7 UJ	4.7 UJ	0.75 U

Flags assigned during chemistry validation are shown.

Made by: AMK 03/30/06
Check by: GEK 03/30/06

Detection Limits shown are PQL

TABLE 2
VALIDATED AIR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE

Location ID		SG-08	SG-09	SG-10
Sample ID		SG-08-DUP	SG-09	SG-10
Matrix		Soil Gas	Soil Gas	Soil Gas
Depth Interval (ft)		-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06
Parameter	Units	Field Duplicate (1-1)		
Volatile Organic Compounds				
Bromomethane	UG/M3	0.62 UJ	0.78 U	0.62 U
Vinyl Chloride	UG/M3	0.41 U	0.51 U	0.41 U
Chloroethane	UG/M3	1.1 UJ	1.3 U	1.1 U
1,1-Dichloroethene	UG/M3	0.63 UJ	0.79 U	0.63 U
1,1-Dichloroethane	UG/M3	0.65 UJ	0.81 U	0.65 U
Chloroform	UG/M3	0.78 UJ	0.98 U	0.78 U
1,2-Dichloroethane	UG/M3	0.65 UJ	0.81 U	0.65 U
1,2-Dichloroethene (total)	UG/M3	0.63 UJ	0.79 U	0.63 U
1,1,1-Trichloroethane	UG/M3	0.87 UJ	1.1 U	0.87 U
Carbon Tetrachloride	UG/M3	1 UJ	1.3 U	1 U
Bromodichloromethane	UG/M3	1.1 UJ	1.3 U	1.1 U
1,2-Dichloropropane	UG/M3	0.74 UJ	0.92 U	0.74 U
cis-1,3-Dichloropropene	UG/M3	0.73 UJ	0.91 U	0.73 U
Trichloroethene	UG/M3	0.86 UJ	1.1 U	0.86 U
Benzene	UG/M3	2.0 J	1.5	1.0
Dibromochloromethane	UG/M3	1.4 UJ	1.7 U	1.4 U
trans-1,3-Dichloropropene	UG/M3	0.73 UJ	0.91 U	0.73 U
1,1,2-Trichloroethane	UG/M3	0.87 UJ	1.1 U	0.87 U
Bromoform	UG/M3	1.7 UJ	2.1 U	1.7 U
Bromoethene	UG/M3	0.7 UJ	0.87 U	0.7 U
Tetrachloroethene	UG/M3	1.1 UJ	1.4 U	1.1 U
1,1,2,2-Tetrachloroethane	UG/M3	1.1 UJ	1.4 U	1.1 U
Toluene	UG/M3	4.9 J	0.83	2.1

Flags assigned during chemistry validation are shown.

Made by: AMK 03/30/06
Check by: GEK 03/30/06

Detection Limits shown are PQL

TABLE 2
VALIDATED AIR ANALYTICAL RESULTS
NORTH FRANKLIN ST. SITE

Location ID		SG-08	SG-09	SG-10
Sample ID		SG-08-DUP	SG-09	SG-10
Matrix		Soil Gas	Soil Gas	Soil Gas
Depth Interval (ft)		-	-	-
Date Sampled		01/24/06	01/24/06	01/24/06
Parameter	Units	Field Duplicate (1-1)		
Volatile Organic Compounds				
Ethylbenzene	UG/M3	1.2 J	0.87 U	0.74
Xylene (total)	UG/M3	7.4 J	0.87 U	4.3
cis-1,2-Dichloroethene	UG/M3	0.63 UJ	0.79 U	0.63 U
trans-1,2-Dichloroethene	UG/M3	0.63 UJ	0.79 U	0.63 U
1,3,5-Trimethylbenzene	UG/M3	0.79 UJ	0.98 U	0.93
Methyl tert-Butyl Ether	UG/M3	1.4 UJ	1.8 U	1.4 U
1,3-Butadiene	UG/M3	0.88 UJ	1.1 U	0.88 U
3-Chloropropene	UG/M3	1.3 UJ	1.5 U	1.3 U
4-Ethyltoluene	UG/M3	2.5 J	0.98 U	2.8
Cyclohexane	UG/M3	0.55 UJ	0.69 U	0.55 U
Ethylene Dibromide	UG/M3	1.2 UJ	1.5 U	1.2 U
Heptane	UG/M3	0.66 UJ	0.82 U	0.66 U
Hexane	UG/M3	1.4 UJ	1.7 U	1.4 U
Trichlorofluoromethane	UG/M3	0.9 UJ	2.4	0.9 U
Dichlorodifluoromethane	UG/M3	2 UJ	4.3	2 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.1 UJ	1.4 U	1.1 U
2,2,4-Trimethylpentane	UG/M3	0.75 UJ	0.93 U	0.75 U

Flags assigned during chemistry validation are shown.

Made by: AMK 03/30/06
Check by: GEK 03/30/06

Detection Limits shown are PQL

APPENDIX A

SUPPORT DOCUMENTATION

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 111 74211.99998

SITE NAME: N. FRANKLIN Street

SAMPLERS (PRINT/SIGNATURE): JOHN BOYD

DELIVERY SERVICE: FED EX AIRBILL NO.:

LAB: STL BURLINGTON — 5 BOXES

COOLER ____ of ____

PAGE 1 of 1

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	TESTS: TO-15	TESTS: TO-15 LOW LEVEL	BOTTLE TYPE AND PRESERVATIVE: 6 LITER SUMMA	BOTTLE TYPE AND PRESERVATIVE: 6-LITER SUMMA	REMARKS: CANISTER NO / FLOW CONTROLLER NO	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
H-004	1/24/06	0923	8 hr.	H-004-SS-B	GS	1			✓		4738 / 4237461	N1	–	–	–
H-004		0939	8 hr	H-004-SS-A	GS	1			✓		12308 / 4237458	N1	–	–	–
H-004		0943	8 hr	H-004-1-A	AA	1				✓	2619 / 4229819	N1	–	–	–
H-004		0946	8 hr	H-004-1-B	AA	1				✓	3287 / 4294278	N1	–	–	–
		1020	8 hr.	20060124-AB-1	AA	1				✓	3547 / 4228626	N1	–	–	–
H-002		1045	8 hr	H-002-1	AA	1				✓	3038 / 4242826	N1	–	–	–
H-002		1046	8 hr.	H-001-1	AA	1				✓	3412 / 4234424	N1	–	–	–
SG-08		1222	1 hr.	SG-08	GS	1			✓		4339 / 4280617	N1	–	–	–
SG-09		1316	1 hr.	SG-09	GS	1			✓		12574 / 4245629	N1	–	–	–
SG-10		1356	1 hr.	SG-10	GS	1			✓		2869 / 4245505	N1	–	–	–
–		–	8 hr.	20060124-FD-1	GS	1			✓		5619 / 4229534	FR1	–	–	–
–		–	8 hr.	20060124-FD-2	AA	1				✓	2751 / 4301373	FR2	–	–	–
–	↓	–	1 hr.	20060124-FD-3	GS	1			✓		9374 / 4280671	FR3	–	–	–

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
JOHN BOYD	1/25/06	1200	JOHN BOYD		
RELINQUISHED BY (SIGNATURE) JOHN BOYD	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE 1/27/06	TIME 1134

SPECIAL INSTRUCTIONS: Call Ann Marie Knopovitch at URS if Questions 716-856-5636

NOTE: 20060124-AB-1 only sampled for 3 hr 17 min INSTEAD of 8 hrs.

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

February 28, 2006

Mr. George Kisluk
URS Corporation
77 Goddell Street
Buffalo, NY 14203

Re: Laboratory Project No. 26000
Case: 26000; SDG: 112332

Dear Mr. Kisluk:

Enclosed are the analytical results for the samples that were received by STL Burlington on January 30th, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 01/30/06 ETR No: 112332		
656042	H-004-SS-B	01/24/06	Air
656043	H-004-SS-A	01/24/06	Air
656044	H-004-1-A	01/24/06	Air
656045	H-004-1-B	01/24/06	Air
656046	20060124-AB-1	01/24/06	Air
656047	H-002-1	01/24/06	Air
656048	H-001-1	01/24/06	Air
656049	SG-08	01/24/06	Air
656050	SG-09	01/24/06	Air
656051	SG-10	01/24/06	Air
656052	20060124-FD-1	01/24/06	Air
656053	20060124-FD-2	01/24/06	Air
656054	20060124-FD-3	01/24/06	Air

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

Method TO-15 - Routine Level Volatile Organics:
The analyses of the field samples 20060124-FD-1, H-004-SS-A and H-004-SS-B were performed at an appropriate dilution in order to provide quantification of all target analytes within the calibrated range of instrument response. The results of the dilution analyses were within the calibration range of the instrument.

Method TO-15 Low Level Volatile Organics:
The original analyses of the field samples H-004-1-A, H-004-1-B and 20060124-FD-2 exhibited the presence of select target compounds, which exceeded the calibration range of the instrument. Consequently, dilution analyses were performed for these samples and yielded results that were within the calibration range of the instrument. Both sets of data have been presented in this case submittal.

The analysis of the blank spike sample EBON LCS and the associated blank spike duplicate sample yielded percent recoveries of the target compounds Vinyl Chloride and Trichloroethene that were outside the control limits. These outliers are presented on the analytical form 3s.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports, and extracted ion current profiles are included in the data package.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Ron Pentkowski
Project Manager

Enclosure

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: STL BURLINGTON Contract: 26000

Lab Code: STLVT Case No.: 26000 SAS No.: SDG No.: 112332

Instrument ID: E Calibration Date: 02/06/06 Time: 1010

Lab File ID: EB010NV Init. Calib. Date(s): 01/05/06 01/06/06

Heated Purge: (Y/N) N Init. Calib. Times: 1616 0148

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF0.1	MIN RRF	%D	MAX %D
1,2-Dichlorotetrafluoroethan	1.994	1.818	0.01	8.8	30.0
Vinyl Chloride	0.523	0.457	0.01	12.6	30.0
1,3-Butadiene	0.327	0.246	0.01	24.8	30.0
Bromomethane	0.719	0.619	0.01	13.9	30.0
Chloroethane	0.272	0.276	0.01	1.5	30.0
Bromoethene	0.759	0.631	0.01	16.9	30.0
Trichlorofluoromethane	2.785	2.491	0.01	10.6	30.0
1,1-Dichloroethene	0.540	0.533	0.01	1.3	30.0
3-Chloropropene	0.329	0.370	0.01	12.5	30.0
Methyl tert-Butyl Ether	1.017	1.140	0.01	12.1	30.0
trans-1,2-Dichloroethene	0.675	0.677	0.01	0.3	30.0
n-Hexane	0.510	0.537	0.01	5.3	30.0
1,1-Dichloroethane	0.866	0.742	0.1	14.3	30.0
1,2-Dichloroethene (total)	0.632	0.626	0.01	0.9	30.0
cis-1,2-Dichloroethene	0.590	0.576	0.01	2.4	30.0
Chloroform	1.459	1.246	0.01	14.6	30.0
1,1,1-Trichloroethane	0.378	0.352	0.01	6.9	30.0
Cyclohexane	0.141	0.153	0.01	8.5	30.0
Carbon Tetrachloride	0.440	0.391	0.01	11.1	30.0
2,2,4-Trimethylpentane	0.312	0.346	0.01	10.9	30.0
Dichlorodifluoromethane	2.310	2.066	0.01	10.6	30.0
Benzene	0.332	0.316	0.01	4.8	30.0
1,3,5-Trimethylbenzene	0.456	0.332	0.01	27.2	30.0
1,2-Dichloroethane	0.180	0.159	0.01	11.7	30.0
n-Heptane	0.105	0.110	0.01	4.8	30.0
Trichloroethene	0.244	0.238	0.01	2.4	30.0
1,2-Dichloropropane	0.099	0.089	0.01	10.1	30.0
Bromodichloromethane	0.307	0.270	0.01	12.0	30.0
cis-1,3-Dichloropropene	0.153	0.134	0.01	12.4	30.0
Toluene	0.218	0.241	0.01	10.6	30.0
trans-1,3-Dichloropropene	0.173	0.135	0.01	22.0	30.0
1,1,2-Trichloroethane	0.120	0.112	0.01	6.7	30.0
Tetrachloroethene	0.343	0.347	0.01	1.2	30.0
Dibromochloromethane	0.346	0.304	0.01	12.1	30.0
1,2-Dibromoethane	0.248	0.236	0.01	4.8	30.0
Ethylbenzene	0.548	0.543	0.01	0.9	30.0
Xylene (m,p)	0.201	0.189	0.01	6.0	30.0

APPENDIX B

VALIDATED FORM I's

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-AB-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656046

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.15	U	0.15	1.0	U	1.0
Vinyl Chloride	75-01-4	0.15	U	0.15	0.38	U	0.38
1,3-Butadiene	106-99-0	0.15	U	0.15	0.33	U	0.33
Bromomethane	74-83-9	0.15	U	0.15	0.58	U	0.58
Chloroethane	75-00-3	0.15	U	0.15	0.40	U	0.40
Bromoethene	593-60-2	0.15	U	0.15	0.66	U	0.66
Trichlorofluoromethane	75-69-4	0.25		0.15	1.4		0.84
1,1-Dichloroethene	75-35-4	0.15	U	0.15	0.59	U	0.59
3-Chloropropene	107-05-1	0.15	U	0.15	0.47	U	0.47
Methyl tert-Butyl Ether	1634-04-4	0.15	U	0.15	0.54	U	0.54
trans-1,2-Dichloroethene	156-60-5	0.15	U	0.15	0.59	U	0.59
n-Hexane	110-54-3	0.30		0.15	1.1		0.53
1,1-Dichloroethane	75-34-3	0.15	U	0.15	0.61	U	0.61
1,2-Dichloroethene (total)	540-59-0	0.15	U	0.15	0.59	U	0.59
cis-1,2-Dichloroethene	156-59-2	0.15	U	0.15	0.59	U	0.59
Chloroform	67-66-3	0.15	U	0.15	0.73	U	0.73
1,1,1-Trichloroethane	71-55-6	0.15	U	0.15	0.82	U	0.82
Cyclohexane	110-82-7	0.15	U	0.15	0.52	U	0.52
Carbon Tetrachloride	56-23-5	0.15	U	0.15	0.94	U	0.94
2,2,4-Trimethylpentane	540-84-1	0.15	U	0.15	0.70	U	0.70
Dichlorodifluoromethane	75-71-8	0.58		0.15	2.9		0.74
Benzene	71-43-2	0.53		0.15	1.7		0.48
1,3,5-Trimethylbenzene	108-67-8	0.15	U J	0.15	0.74	U J	0.74
1,2-Dichloroethane	107-06-2	0.15	U	0.15	0.61	U	0.61
n-Heptane	142-82-5	0.15	U	0.15	0.61	U	0.61
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.15	U	0.15	0.69	U	0.69
Bromodichloromethane	75-27-4	0.15	U	0.15	1.0	U	1.0
cis-1,3-Dichloropropene	10061-01-5	0.15	U	0.15	0.68	U	0.68
Toluene	108-88-3	0.80		0.15	3.0		0.57
trans-1,3-Dichloropropene	10061-02-6	0.15	U	0.15	0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	0.15	U	0.15	0.82	U	0.82
Tetrachloroethene	127-18-4	0.15	U	0.15	1.0	U	1.0

Printed: 02/27/2006 10:38:37 AM

3/2/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-AB-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656046

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dibromochloromethane	124-48-1	0.15	U	0.15	1.3	U	1.3
1,2-Dibromoethane	106-93-4	0.15	U	0.15	1.2	U	1.2
Ethylbenzene	100-41-4	0.15	U	0.15	0.65	U	0.65
Xylene (m,p)	1330-20-7	0.34		0.15	1.5		0.65
Xylene (o)	95-47-6	0.15	U	0.15	0.65	U	0.65
Xylene (total)	1330-20-7	0.39		0.15	1.7		0.65
Bromoform	75-25-2	0.15	U	0.15	1.6	U	1.6
1,1,2,2-Tetrachloroethane	79-34-5	0.15	U	0.15	1.0	U	1.0
4-Ethyltoluene	622-96-8	0.15	U	0.15	0.74	U	0.74

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-001-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656048

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.15	U	0.15	1.0	U	1.0
Vinyl Chloride	75-01-4	0.15	U	0.15	0.38	U	0.38
1,3-Butadiene	106-99-0	0.15	U	0.15	0.33	U	0.33
Bromomethane	74-83-9	0.15	U	0.15	0.58	U	0.58
Chloroethane	75-00-3	0.15	U	0.15	0.40	U	0.40
Bromoethene	593-60-2	0.15	U	0.15	0.66	U	0.66
Trichlorofluoromethane	75-69-4	0.27		0.15	1.5		0.84
1,1-Dichloroethene	75-35-4	0.15	U	0.15	0.59	U	0.59
3-Chloropropene	107-05-1	0.15	U	0.15	0.47	U	0.47
Methyl tert-Butyl Ether	1634-04-4	0.15	U	0.15	0.54	U	0.54
trans-1,2-Dichloroethene	156-60-5	0.15	U	0.15	0.59	U	0.59
n-Hexane	110-54-3	0.33		0.15	1.2		0.53
1,1-Dichloroethane	75-34-3	0.15	U	0.15	0.61	U	0.61
1,2-Dichloroethene (total)	540-59-0	0.15	U	0.15	0.59	U	0.59
cis-1,2-Dichloroethene	156-59-2	0.15	U	0.15	0.59	U	0.59
Chloroform	67-66-3	0.15	U	0.15	0.73	U	0.73
1,1,1-Trichloroethane	71-55-6	0.15	U	0.15	0.82	U	0.82
Cyclohexane	110-82-7	0.15	U	0.15	0.52	U	0.52
Carbon Tetrachloride	56-23-5	0.15	U	0.15	0.94	U	0.94
2,2,4-Trimethylpentane	540-84-1	0.15	U	0.15	0.70	U	0.70
Dichlorodifluoromethane	75-71-8	1.6		0.15	7.9		0.74
Benzene	71-43-2	0.47		0.15	1.5		0.48
1,3,5-Trimethylbenzene	108-67-8	0.15	UJ	0.15	0.74	UJ	0.74
1,2-Dichloroethane	107-06-2	0.15	U	0.15	0.61	U	0.61
n-Heptane	142-82-5	0.18		0.15	0.74		0.61
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.15	U	0.15	0.69	U	0.69
Bromodichloromethane	75-27-4	0.15	U	0.15	1.0	U	1.0
cis-1,3-Dichloropropene	10061-01-5	0.15	U	0.15	0.68	U	0.68
Toluene	108-88-3	0.80		0.15	3.0		0.57
trans-1,3-Dichloropropene	10061-02-6	0.15	U	0.15	0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	0.15	U	0.15	0.82	U	0.82
Tetrachloroethene	127-18-4	0.15	U	0.15	1.0	U	1.0

Printed: 02/27/2006 10:38:39 AM

3/2/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-001-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656048

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dibromochloromethane	124-48-1	0.15	U	0.15	1.3	U	1.3
1,2-Dibromoethane	106-93-4	0.15	U	0.15	1.2	U	1.2
Ethylbenzene	100-41-4	0.15	U	0.15	0.65	U	0.65
Xylene (m,p)	1330-20-7	0.40		0.15	1.7		0.65
Xylene (o)	95-47-6	0.18		0.15	0.78		0.65
Xylene (total)	1330-20-7	0.63		0.15	2.7		0.65
Bromoform	75-25-2	0.15	U	0.15	1.6	U	1.6
1,1,2,2-Tetrachloroethane	79-34-5	0.15	U	0.15	1.0	U	1.0
4-Ethyltoluene	622-96-8	0.15		0.15	0.74		0.74

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-A

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656044

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.15	U	0.15	1.0	U	1.0
Vinyl Chloride	75-01-4	0.15	U	0.15	0.38	U	0.38
1,3-Butadiene	106-99-0	0.16		0.15	0.35		0.33
Bromomethane	74-83-9	0.15	U	0.15	0.58	U	0.58
Chloroethane	75-00-3	0.15	U	0.15	0.40	U	0.40
Bromoethene	593-60-2	0.15	U	0.15	0.66	U	0.66
Trichlorofluoromethane	75-69-4	2.8		0.15	16		0.84
1,1-Dichloroethene	75-35-4	0.15	U	0.15	0.59	U	0.59
3-Chloropropene	107-05-1	0.15	U	0.15	0.47	U	0.47
Methyl tert-Butyl Ether	1634-04-4	0.15	U	0.15	0.54	U	0.54
trans-1,2-Dichloroethene	156-60-5	0.15	U	0.15	0.59	U	0.59
n-Hexane	110-54-3	0.30		0.15	1.1		0.53
1,1-Dichloroethane	75-34-3	0.15	U	0.15	0.61	U	0.61
1,2-Dichloroethene (total)	540-59-0	0.15	U	0.15	0.59	U	0.59
cis-1,2-Dichloroethene	156-59-2	0.15	U	0.15	0.59	U	0.59
Chloroform	67-66-3	0.15	U	0.15	0.73	U	0.73
1,1,1-Trichloroethane	71-55-6	0.15	U	0.15	0.82	U	0.82
Cyclohexane	110-82-7	0.43		0.15	1.5		0.52
Carbon Tetrachloride	56-23-5	0.15	U	0.15	0.94	U	0.94
2,2,4-Trimethylpentane	540-84-1	0.15	U	0.15	0.70	U	0.70
Dichlorodifluoromethane	75-71-8	10	ED	0.15	49	ED	0.74
Benzene	71-43-2	0.51		0.15	1.6		0.48
1,3,5-Trimethylbenzene	108-67-8	0.15	UJ	0.15	0.74	UJ	0.74
1,2-Dichloroethane	107-06-2	0.15	U	0.15	0.61	U	0.61
n-Heptane	142-82-5	0.20		0.15	0.82		0.61
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.15	U	0.15	0.69	U	0.69
Bromodichloromethane	75-27-4	0.15	U	0.15	1.0	U	1.0
cis-1,3-Dichloropropene	10061-01-5	0.15	U	0.15	0.68	U	0.68
Toluene	108-88-3	0.79		0.15	3.0		0.57
trans-1,3-Dichloropropene	10061-02-6	0.15	U	0.15	0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	0.15	U	0.15	0.82	U	0.82
Tetrachloroethene	127-18-4	0.29		0.15	2.0		1.0

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-A

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656044

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	0.15	U	0.15	1.3	U	1.3
1,2-Dibromoethane	106-93-4	0.15	U	0.15	1.2	U	1.2
Ethylbenzene	100-41-4	0.15	U	0.15	0.65	U	0.65
Xylene (m,p)	1330-20-7	0.15	U	0.15	0.65	U	0.65
Xylene (o)	95-47-6	0.15	U	0.15	0.65	U	0.65
Xylene (total)	1330-20-7	0.15	U	0.15	0.65	U	0.65
Bromoform	75-25-2	0.15	U	0.15	1.6	U	1.6
1,1,2,2-Tetrachloroethane	79-34-5	0.15	U	0.15	1.0	U	1.0
4-Ethyltoluene	622-96-8	0.15	U	0.15	0.74	U	0.74

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-ADL

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656044D1

Date Analyzed: 02/07/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.75	U	0.75	5.2	U	5.2
Vinyl Chloride	75-01-4	0.75	U	0.75	1.9	U	1.9
1,3-Butadiene	106-99-0	0.75	U	0.75	1.7	U	1.7
Bromomethane	74-83-9	0.75	U	0.75	2.9	U	2.9
Chloroethane	75-00-3	0.75	U	0.75	2.0	U	2.0
Bromoethene	593-60-2	0.75	U	0.75	3.3	U	3.3
Trichlorofluoromethane	75-69-4	3.4	D	0.75	19	D	4.2
1,1-Dichloroethene	75-35-4	0.75	U	0.75	3.0	U	3.0
3-Chloropropene	107-05-1	0.75	U	0.75	2.3	U	2.3
Methyl tert-Butyl Ether	1634-04-4	0.75	U	0.75	2.7	U	2.7
trans-1,2-Dichloroethene	156-60-5	0.75	U	0.75	3.0	U	3.0
n-Hexane	110-54-3	0.75	U	0.75	2.6	U	2.6
1,1-Dichloroethane	75-34-3	0.75	U	0.75	3.0	U	3.0
1,2-Dichloroethene (total)	540-59-0	0.75	U	0.75	3.0	U	3.0
cis-1,2-Dichloroethene	156-59-2	0.75	U	0.75	3.0	U	3.0
Chloroform	67-66-3	0.75	U	0.75	3.7	U	3.7
1,1,1-Trichloroethane	71-55-6	0.75	U	0.75	4.1	U	4.1
Cyclohexane	110-82-7	0.75	U	0.75	2.6	U	2.6
Carbon Tetrachloride	56-23-5	0.75	U	0.75	4.7	U	4.7
2,2,4-Trimethylpentane	540-84-1	0.75	U	0.75	3.5	U	3.5
Dichlorodifluoromethane	75-71-8	10	D	0.75	49	D	3.7
Benzene	71-43-2	0.75	U	0.75	2.4	U	2.4
1,3,5-Trimethylbenzene	108-67-8	0.75	UJ	0.75	3.7	UJ	3.7
1,2-Dichloroethane	107-06-2	0.75	U	0.75	3.0	U	3.0
n-Heptane	142-82-5	0.75	U	0.75	3.1	U	3.1
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.75	U	0.75	3.5	U	3.5
Bromodichloromethane	75-27-4	0.75	U	0.75	5.0	U	5.0
cis-1,3-Dichloropropene	10061-01-5	0.75	U	0.75	3.4	U	3.4
Toluene	108-88-3	0.90	D	0.75	3.4	D	2.8
trans-1,3-Dichloropropene	10061-02-6	0.75	U	0.75	3.4	U	3.4
1,1,2-Trichloroethane	79-00-5	0.75	U	0.75	4.1	U	4.1
Tetrachloroethene	127-18-4	0.75	U	0.75	5.1	U	5.1

Printed: 02/27/2006 10:38:34 AM

dlyk 3/21/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-ADL

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656044D1

Date Analyzed: 02/07/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	0.75	U	0.75	6.4	U	6.4
1,2-Dibromoethane	106-93-4	0.75	U	0.75	5.8	U	5.8
Ethylbenzene	100-41-4	0.75	U	0.75	3.3	U	3.3
Xylene (m,p)	1330-20-7	0.75	U	0.75	3.3	U	3.3
Xylene (o)	95-47-6	0.75	U	0.75	3.3	U	3.3
Xylene (total)	1330-20-7	0.75	U	0.75	3.3	U	3.3
Bromoform	75-25-2	0.75	U	0.75	7.8	U	7.8
1,1,2,2-Tetrachloroethane	79-34-5	0.75	U	0.75	5.1	U	5.1
4-Ethyltoluene	622-96-8	0.75	U	0.75	3.7	U	3.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-SS-B

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656042

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	2.5	U J	2.5	12	U J	12
1,2-Dichlorotetrafluoroethane	76-14-2	1.0	U	1.0	7.0	U	7.0
Vinyl Chloride	75-01-4	1.0	U	1.0	2.6	U	2.6
1,3-Butadiene	106-99-0	2.5	U	2.5	5.5	U	5.5
Bromomethane	74-83-9	1.0	U	1.0	3.9	U	3.9
Chloroethane	75-00-3	2.5	U	2.5	6.6	U	6.6
Bromoethene	593-60-2	1.0	U	1.0	4.4	U	4.4
Trichlorofluoromethane	75-69-4	1.0	U	1.0	5.6	U	5.6
1,1-Dichloroethene	75-35-4	1.0	U	1.0	4.0	U	4.0
3-Chloropropene	107-05-1	2.5	U	2.5	7.8	U	7.8
Methyl tert-Butyl Ether	1634-04-4	2.5	U	2.5	9.0	U	9.0
trans-1,2-Dichloroethene	156-60-5	1.0	U	1.0	4.0	U	4.0
n-Hexane	110-54-3	2.5	U	2.5	8.8	U	8.8
1,1-Dichloroethane	75-34-3	1.0	U	1.0	4.0	U	4.0
1,2-Dichloroethene (total)	540-59-0	1.0	U	1.0	4.0	U	4.0
cis-1,2-Dichloroethene	156-59-2	1.0	U	1.0	4.0	U	4.0
Chloroform	67-66-3	1.0	U	1.0	4.9	U	4.9
1,1,1-Trichloroethane	71-55-6	1.0	U	1.0	5.5	U	5.5
Cyclohexane	110-82-7	1.0	U	1.0	3.4	U	3.4
Carbon Tetrachloride	56-23-5	1.0	U	1.0	6.3	U	6.3
2,2,4-Trimethylpentane	540-84-1	1.0	U	1.0	4.7	U	4.7
Benzene	71-43-2	1.0	U	1.0	3.2	U	3.2
1,2-Dichloroethane	107-06-2	1.0	U	1.0	4.0	U	4.0
n-Heptane	142-82-5	1.4	J	1.0	5.7	J	4.1
Trichloroethene	79-01-6	5.7	J	1.0	31	J	5.4
1,2-Dichloropropane	78-87-5	1.0	U J	1.0	4.6	U J	4.6
Bromodichloromethane	75-27-4	1.0	U	1.0	6.7	U	6.7
cis-1,3-Dichloropropene	10061-01-5	1.0	U	1.0	4.5	U	4.5
Toluene	108-88-3	1.4	J	1.0	5.3	J	3.8
trans-1,3-Dichloropropene	10061-02-6	1.0	U J	1.0	4.5	U J	4.5
1,1,2-Trichloroethane	79-00-5	1.0	U	1.0	5.5	U	5.5
Tetrachloroethene	127-18-4	94	J	1.0	640	J	6.8
Dibromochloromethane	124-48-1	1.0	U J	1.0	8.5	U J	8.5

dlyk 3/2/06

Printed: 02/27/2006 10:39:07 AM

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-SS-B

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656042

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	1.0	U J	1.0	7.7	U J	7.7
Ethylbenzene	100-41-4	1.0	U	1.0	4.3	U	4.3
Xylene (m,p)	1330-20-7	2.5	U	2.5	11	U	11
Xylene (o)	95-47-6	1.0	U	1.0	4.3	U	4.3
Xylene (total)	1330-20-7	1.0	U	1.0	4.3	U	4.3
Bromoform	75-25-2	1.0	U	1.0	10	U	10
1,1,2,2-Tetrachloroethane	79-34-5	1.0	U	1.0	6.9	U	6.9
4-Ethyltoluene	622-96-8	1.0	U	1.0	4.9	U	4.9
1,3,5-Trimethylbenzene	108-67-8	1.0	U	1.0	4.9	U	4.9

H-004-SS-B

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-FD-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656052

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	2.5	U J	2.5	12	U J	12
1,2-Dichlorotetrafluoroethane	76-14-2	1.0	U	1.0	7.0	U	7.0
Vinyl Chloride	75-01-4	1.0	U	1.0	2.6	U	2.6
1,3-Butadiene	106-99-0	2.5	U	2.5	5.5	U	5.5
Bromomethane	74-83-9	1.0	U	1.0	3.9	U	3.9
Chloroethane	75-00-3	2.5	U	2.5	6.6	U	6.6
Bromoethene	593-60-2	1.0	U	1.0	4.4	U	4.4
Trichlorofluoromethane	75-69-4	1.0	U	1.0	5.6	U	5.6
1,1-Dichloroethene	75-35-4	1.0	U	1.0	4.0	U	4.0
3-Chloropropene	107-05-1	2.5	U	2.5	7.8	U	7.8
Methyl tert-Butyl Ether	1634-04-4	2.5	U	2.5	9.0	U	9.0
trans-1,2-Dichloroethene	156-60-5	1.0	U	1.0	4.0	U	4.0
n-Hexane	110-54-3	2.5	U	2.5	8.8	U	8.8
1,1-Dichloroethane	75-34-3	1.0	U	1.0	4.0	U	4.0
1,2-Dichloroethene (total)	540-59-0	1.0	U	1.0	4.0	U	4.0
cis-1,2-Dichloroethene	156-59-2	1.0	U	1.0	4.0	U	4.0
Chloroform	67-66-3	1.0	U	1.0	4.9	U	4.9
1,1,1-Trichloroethane	71-55-6	1.0	U	1.0	5.5	U	5.5
Cyclohexane	110-82-7	1.0	U	1.0	3.4	U	3.4
Carbon Tetrachloride	56-23-5	1.0	U	1.0	6.3	U	6.3
2,2,4-Trimethylpentane	540-84-1	1.0	U	1.0	4.7	U	4.7
Benzene	71-43-2	1.0	U	1.0	3.2	U	3.2
1,2-Dichloroethane	107-06-2	1.0	U	1.0	4.0	U	4.0
n-Heptane	142-82-5	1.5	U J J	1.0	6.1	U J J	4.1
Trichloroethene	79-01-6	6.1	J	1.0	33	J	5.4
1,2-Dichloropropane	78-87-5	1.0	U J J	1.0	4.6	U J J	4.6
Bromodichloromethane	75-27-4	1.0	U J J	1.0	6.7	U J J	6.7
cis-1,3-Dichloropropene	10061-01-5	1.0	U J J	1.0	4.5	U J J	4.5
Toluene	108-88-3	1.8	J	1.0	6.8	J	3.8
trans-1,3-Dichloropropene	10061-02-6	1.0	U J J	1.0	4.5	U J J	4.5
1,1,2-Trichloroethane	79-00-5	1.0	U J J	1.0	5.5	U J J	5.5
Tetrachloroethene	127-18-4	100	J	1.0	680	J	6.8
Dibromochloromethane	124-48-1	1.0	U J J	1.0	8.5	U J J	8.5

Printed: 02/27/2006 10:39:12 AM

3/21/06

H-004-SS-B

CLIENT SAMPLE NO.

20060124-FD-1

TO-14/15
Result Summary

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656052

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	1.0	UJ	1.0	7.7	UJ	7.7
Ethylbenzene	100-41-4	1.0	U	1.0	4.3	U	4.3
Xylene (m,p)	1330-20-7	2.5	U	2.5	11	U	11
Xylene (o)	95-47-6	1.0	U	1.0	4.3	U	4.3
Xylene (total)	1330-20-7	1.0	U	1.0	4.3	U	4.3
Bromoform	75-25-2	1.0	U	1.0	10	U	10
1,1,2,2-Tetrachloroethane	79-34-5	1.0	U	1.0	6.9	U	6.9
4-Ethyltoluene	622-96-8	1.0	U	1.0	4.9	U	4.9
1,3,5-Trimethylbenzene	108-67-8	1.0	U	1.0	4.9	U	4.9

dlyk 3/21/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-SS-A

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656043

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	5.0	U J	5.0	25	U J	25
1,2-Dichlorotetrafluoroethane	76-14-2	2.0	U	2.0	14	U	14
Vinyl Chloride	75-01-4	2.0	U	2.0	5.1	U	5.1
1,3-Butadiene	106-99-0	5.0	U	5.0	11	U	11
Bromomethane	74-83-9	2.0	U	2.0	7.8	U	7.8
Chloroethane	75-00-3	5.0	U	5.0	13	U	13
Bromoethene	593-60-2	2.0	U	2.0	8.7	U	8.7
Trichlorofluoromethane	75-69-4	2.0	U	2.0	11	U	11
1,1-Dichloroethene	75-35-4	2.0	U	2.0	7.9	U	7.9
3-Chloropropene	107-05-1	5.0	U	5.0	16	U	16
Methyl tert-Butyl Ether	1634-04-4	5.0	U	5.0	18	U	18
trans-1,2-Dichloroethene	156-60-5	2.0	U	2.0	7.9	U	7.9
n-Hexane	110-54-3	5.0	U	5.0	18	U	18
1,1-Dichloroethane	75-34-3	2.0	U	2.0	8.1	U	8.1
1,2-Dichloroethene (total)	540-59-0	2.0	U	2.0	7.9	U	7.9
cis-1,2-Dichloroethene	156-59-2	2.0	U	2.0	7.9	U	7.9
Chloroform	67-66-3	2.7	J	2.0	13	J	9.8
1,1,1-Trichloroethane	71-55-6	2.0	U J	2.0	11	U J	11
Cyclohexane	110-82-7	2.0	U	2.0	6.9	U	6.9
Carbon Tetrachloride	56-23-5	2.0	U	2.0	13	U	13
2,2,4-Trimethylpentane	540-84-1	2.0	U	2.0	9.3	U	9.3
Benzene	71-43-2	2.0	U	2.0	6.4	U	6.4
1,2-Dichloroethane	107-06-2	2.0	U	2.0	8.1	U	8.1
n-Heptane	142-82-5	2.6	J	2.0	11	J	8.2
Trichloroethene	79-01-6	8.8	J	2.0	47	J	11
1,2-Dichloropropane	78-87-5	2.0	U J	2.0	9.2	U J	9.2
Bromodichloromethane	75-27-4	2.0	U J	2.0	13	U J	13
cis-1,3-Dichloropropene	10061-01-5	2.0	U J	2.0	9.1	U J	9.1
Toluene	108-88-3	2.0	U	2.0	7.5	U	7.5
trans-1,3-Dichloropropene	10061-02-6	2.0	U	2.0	9.1	U	9.1
1,1,2-Trichloroethane	79-00-5	2.0	U	2.0	11	U	11
Tetrachloroethene	127-18-4	160	J	2.0	1100	J	14
Dibromochloromethane	124-48-1	2.0	U J	2.0	17	U J	17

Printed: 02/27/2006 10:39:08 AM

2/21/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-SS-A

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656043

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	2.0	U J	2.0	15	U J	15
Ethylbenzene	100-41-4	2.0	U	2.0	8.7	U	8.7
Xylene (m,p)	1330-20-7	5.0	U	5.0	22	U	22
Xylene (o)	95-47-6	2.0	U	2.0	8.7	U	8.7
Xylene (total)	1330-20-7	2.0	U	2.0	8.7	U	8.7
Bromoform	75-25-2	2.0	U	2.0	21	U	21
1,1,2,2-Tetrachloroethane	79-34-5	2.0	U	2.0	14	U	14
4-Ethyltoluene	622-96-8	2.0	U	2.0	9.8	U	9.8
1,3,5-Trimethylbenzene	108-67-8	2.0	U	2.0	9.8	U	9.8

3/21/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SG-08

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656049

Date Analyzed: 02/09/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.40	U	0.40	2.0	U	2.0
1,2-Dichlorotetrafluoroethane	76-14-2	0.16	U	0.16	1.1	U	1.1
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,3-Butadiene	106-99-0	0.40	U	0.40	0.88	U	0.88
Bromomethane	74-83-9	0.16	U	0.16	0.62	U	0.62
Chloroethane	75-00-3	0.40	U	0.40	1.1	U	1.1
Bromoethene	593-60-2	0.16	U	0.16	0.70	U	0.70
Trichlorofluoromethane	75-69-4	0.16	U	0.16	0.90	U	0.90
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
3-Chloropropene	107-05-1	0.40	U	0.40	1.3	U	1.3
Methyl tert-Butyl Ether	1634-04-4	0.40	U	0.40	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
n-Hexane	110-54-3	0.40	U	0.40	1.4	U	1.4
1,1-Dichloroethane	75-34-3	0.16	U	0.16	0.65	U	0.65
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
Chloroform	67-66-3	0.16	U	0.16	0.78	U	0.78
1,1,1-Trichloroethane	71-55-6	0.16	U	0.16	0.87	U	0.87
Cyclohexane	110-82-7	0.16	U	0.16	0.55	U	0.55
Carbon Tetrachloride	56-23-5	0.16	U	0.16	1.0	U	1.0
2,2,4-Trimethylpentane	540-84-1	0.16	U	0.16	0.75	U	0.75
Benzene	71-43-2	0.86		0.16	2.7		0.51
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
n-Heptane	142-82-5	0.20		0.16	0.82		0.66
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
1,2-Dichloropropane	78-87-5	0.16	U	0.16	0.74	U	0.74
Bromodichloromethane	75-27-4	0.16	U	0.16	1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	0.16	U	0.16	0.73	U	0.73
Toluene	108-88-3	1.1		0.16	4.1		0.60
trans-1,3-Dichloropropene	10061-02-6	0.16	U	0.16	0.73	U	0.73
1,1,2-Trichloroethane	79-00-5	0.16	U	0.16	0.87	U	0.87
Tetrachloroethene	127-18-4	0.16	U	0.16	1.1	U	1.1
Dibromochloromethane	124-48-1	0.16	U	0.16	1.4	U	1.4

Printed: 02/27/2006 10:39:09 AM

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SG-08

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656049

Date Analyzed: 02/09/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
1,2-Dibromoethane	106-93-4	0.16	U	0.16	1.2	U	1.2
Ethylbenzene	100-41-4	0.19		0.16	0.83		0.69
Xylene (m,p)	1330-20-7	0.50		0.40	2.2		1.7
Xylene (o)	95-47-6	0.17		0.16	0.74		0.69
Xylene (total)	1330-20-7	0.68		0.16	3.0		0.69
Bromoform	75-25-2	0.16	U	0.16	1.7	U	1.7
1,1,2,2-Tetrachloroethane	79-34-5	0.16	U	0.16	1.1	U	1.1
4-Ethyltoluene	622-96-8	0.16	U	0.16	0.79	U	0.79
1,3,5-Trimethylbenzene	108-67-8	0.16	U	0.16	0.79	U	0.79

SG-08

CLIENT SAMPLE NO.

20060124-FD-3

TO-14/15
Result Summary

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656054

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.40	UJ	0.40	2.0	UJ	2.0
1,2-Dichlorotetrafluoroethane	76-14-2	0.16	U	0.16	1.1	U	1.1
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,3-Butadiene	106-99-0	0.40	U	0.40	0.88	U	0.88
Bromomethane	74-83-9	0.16	U	0.16	0.62	U	0.62
Chloroethane	75-00-3	0.40	U	0.40	1.1	U	1.1
Bromoethene	593-60-2	0.16	U	0.16	0.70	U	0.70
Trichlorofluoromethane	75-69-4	0.16	U	0.16	0.90	U	0.90
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
3-Chloropropene	107-05-1	0.40	U	0.40	1.3	U	1.3
Methyl tert-Butyl Ether	1634-04-4	0.40	U	0.40	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
n-Hexane	110-54-3	0.40	U	0.40	1.4	U	1.4
1,1-Dichloroethane	75-34-3	0.16	U	0.16	0.65	U	0.65
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
Chloroform	67-66-3	0.16	U	0.16	0.78	U	0.78
1,1,1-Trichloroethane	71-55-6	0.16	U	0.16	0.87	U	0.87
Cyclohexane	110-82-7	0.16	U	0.16	0.55	U	0.55
Carbon Tetrachloride	56-23-5	0.16	U	0.16	1.0	U	1.0
2,2,4-Trimethylpentane	540-84-1	0.16	U	0.16	0.75	U	0.75
Benzene	71-43-2	0.63	J	0.16	2.0	J	0.51
1,2-Dichloroethane	107-06-2	0.16	UJ	0.16	0.65	UJ	0.65
n-Heptane	142-82-5	0.16	U	0.16	0.66	U	0.66
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
1,2-Dichloropropane	78-87-5	0.16	U	0.16	0.74	U	0.74
Bromodichloromethane	75-27-4	0.16	U	0.16	1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	0.16	U	0.16	0.73	U	0.73
Toluene	108-88-3	1.3	J	0.16	4.9	J	0.60
trans-1,3-Dichloropropene	10061-02-6	0.16	UJ	0.16	0.73	UJ	0.73
1,1,2-Trichloroethane	79-00-5	0.16	U	0.16	0.87	U	0.87
Tetrachloroethene	127-18-4	0.16	U	0.16	1.1	U	1.1
Dibromochloromethane	124-48-1	0.16	U	0.16	1.4	U	1.4

Printed: 02/27/2006 10:39:13 AM

dwk 3/21/06

SG-08

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-FD-3

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656054

Date Analyzed: 02/10/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.16	UJ	0.16	1.2	UJ	1.2
Ethylbenzene	100-41-4	0.28	J	0.16	1.2	J	0.69
Xylene (m,p)	1330-20-7	1.2		0.40	5.2		1.7
Xylene (o)	95-47-6	0.50		0.16	2.2		0.69
Xylene (total)	1330-20-7	1.7		0.16	7.4		0.69
Bromoform	75-25-2	0.16	UJ	0.16	1.7	UJ	1.7
1,1,2,2-Tetrachloroethane	79-34-5	0.16	UJ	0.16	1.1	UJ	1.1
4-Ethyltoluene	622-96-8	0.51	J	0.16	2.5	J	0.79
1,3,5-Trimethylbenzene	108-67-8	0.16	UJ	0.16	0.79	UJ	0.79

3/2/06

H-004-1B

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-FD-2

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656053

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.15	U	0.15	1.0	U	1.0
Vinyl Chloride	75-01-4	0.15	U	0.15	0.38	U	0.38
1,3-Butadiene	106-99-0	0.20		0.15	0.44		0.33
Bromomethane	74-83-9	0.15	U	0.15	0.58	U	0.58
Chloroethane	75-00-3	0.15	U	0.15	0.40	U	0.40
Bromoethene	593-60-2	0.15	U	0.15	0.66	U	0.66
Trichlorofluoromethane	75-69-4	1.6		0.15	9.0		0.84
1,1-Dichloroethene	75-35-4	0.15	U	0.15	0.59	U	0.59
3-Chloropropene	107-05-1	0.15	U	0.15	0.47	U	0.47
Methyl tert-Butyl Ether	1634-04-4	0.15	U	0.15	0.54	U	0.54
trans-1,2-Dichloroethene	156-60-5	0.15	U	0.15	0.59	U	0.59
n-Hexane	110-54-3	0.42		0.15	1.5		0.53
1,1-Dichloroethane	75-34-3	0.15	U	0.15	0.61	U	0.61
1,2-Dichloroethene (total)	540-59-0	0.15	U	0.15	0.59	U	0.59
cis-1,2-Dichloroethene	156-59-2	0.15	U	0.15	0.59	U	0.59
Chloroform	67-66-3	0.15	U	0.15	0.73	U	0.73
1,1,1-Trichloroethane	71-55-6	0.15	U	0.15	0.82	U	0.82
Cyclohexane	110-82-7	0.50		0.15	1.7		0.52
Carbon Tetrachloride	56-23-5	0.15	U	0.15	0.94	U	0.94
2,2,4-Trimethylpentane	540-84-1	0.15		0.15	0.70		0.70
Dichlorodifluoromethane	75-71-8	4.9 4.7	ED	0.15	24 23	ED	0.74
Benzene	71-43-2	0.50		0.15	1.6		0.48
1,3,5-Trimethylbenzene	108-67-8	0.15	UJ	0.15	0.74	UJ	0.74
1,2-Dichloroethane	107-06-2	0.15	U	0.15	0.61	U	0.61
n-Heptane	142-82-5	0.26		0.15	1.1		0.61
Trichloroethene	79-01-6	0.041		0.040	0.22		0.21
1,2-Dichloropropane	78-87-5	0.15	U	0.15	0.69	U	0.69
Bromodichloromethane	75-27-4	0.15	U	0.15	1.0	U	1.0
cis-1,3-Dichloropropene	10061-01-5	0.15	U	0.15	0.68	U	0.68
Toluene	108-88-3	1.3		0.15	4.9		0.57
trans-1,3-Dichloropropene	10061-02-6	0.15	U	0.15	0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	0.15	U	0.15	0.82	U	0.82
Tetrachloroethene	127-18-4	0.36		0.15	2.4		1.0

Printed: 02/27/2006 10:38:40 AM

DWK 3/1/06

H-004-1B

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-FD-2

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656053

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	0.15	U	0.15	1.3	U	1.3
1,2-Dibromoethane	106-93-4	0.15	U	0.15	1.2	U	1.2
Ethylbenzene	100-41-4	0.15	U	0.15	0.65	U	0.65
Xylene (m,p)	1330-20-7	0.39		0.15	1.7		0.65
Xylene (o)	95-47-6	0.16		0.15	0.69		0.65
Xylene (total)	1330-20-7	0.60		0.15	2.6		0.65
Bromoform	75-25-2	0.15	U	0.15	1.6	U	1.6
1,1,2,2-Tetrachloroethane	79-34-5	0.15	U	0.15	1.0	U	1.0
4-Ethyltoluene	622-96-8	0.15	U	0.15	0.74	U	0.74

H-004-1B

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-FD-2DL

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656053D

Date Analyzed: 02/07/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.38	U	0.38	2.7	U	2.7
Vinyl Chloride	75-01-4	0.38	U	0.38	0.97	U	0.97
1,3-Butadiene	106-99-0	0.38	U	0.38	0.84	U	0.84
Bromomethane	74-83-9	0.38	U	0.38	1.5	U	1.5
Chloroethane	75-00-3	0.38	U	0.38	1.0	U	1.0
Bromoethene	593-60-2	0.38	U	0.38	1.7	U	1.7
Trichlorofluoromethane	75-69-4	1.7	D	0.38	9.6	D	2.1
1,1-Dichloroethene	75-35-4	0.38	U	0.38	1.5	U	1.5
3-Chloropropene	107-05-1	0.38	U	0.38	1.2	U	1.2
Methyl tert-Butyl Ether	1634-04-4	0.38	U	0.38	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.38	U	0.38	1.5	U	1.5
n-Hexane	110-54-3	0.39	D	0.38	1.4	D	1.3
1,1-Dichloroethane	75-34-3	0.38	U	0.38	1.5	U	1.5
1,2-Dichloroethene (total)	540-59-0	0.38	U	0.38	1.5	U	1.5
cis-1,2-Dichloroethene	156-59-2	0.38	U	0.38	1.5	U	1.5
Chloroform	67-66-3	0.38	U	0.38	1.9	U	1.9
1,1,1-Trichloroethane	71-55-6	0.38	U	0.38	2.1	U	2.1
Cyclohexane	110-82-7	0.53	D	0.38	1.8	D	1.3
Carbon Tetrachloride	56-23-5	0.38	U	0.38	2.4	U	2.4
2,2,4-Trimethylpentane	540-84-1	0.38	U	0.38	1.8	U	1.8
Dichlorodifluoromethane	75-71-8	4.9	D	0.38	24	D	1.9
Benzene	71-43-2	0.48	D	0.38	1.5	D	1.2
1,3,5-Trimethylbenzene	108-67-8	0.38	U J	0.38	1.9	U J	1.9
1,2-Dichloroethane	107-06-2	0.38	U	0.38	1.5	U	1.5
n-Heptane	142-82-5	0.38	U	0.38	1.6	U	1.8
Trichloroethene	79-01-6	0.10	U	0.10	0.54	U	0.54
1,2-Dichloropropane	78-87-5	0.38	U	0.38	1.8	U	1.8
Bromodichloromethane	75-27-4	0.38	U	0.38	2.5	U	2.5
cis-1,3-Dichloropropene	10061-01-5	0.38	U	0.38	1.7	U	1.7
Toluene	108-88-3	1.2	D	0.38	4.5	D	1.4
trans-1,3-Dichloropropene	10061-02-6	0.38	U	0.38	1.7	U	1.7
1,1,2-Trichloroethane	79-00-5	0.38	U	0.38	2.1	U	2.1
Tetrachloroethene	127-18-4	0.38	U	0.38	2.6	U	2.6

Printed: 02/27/2006 10:38:41 AM

3/21/06

H-004-1B

TO-14/15
Result Summary

CLIENT SAMPLE NO.

20060124-FD-2DL

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656053D1

Date Analyzed: 02/07/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	0.38	U	0.38	3.2	U	3.2
1,2-Dibromoethane	106-93-4	0.38	U	0.38	2.9	U	2.9
Ethylbenzene	100-41-4	0.38	U	0.38	1.7	U	1.7
Xylene (m,p)	1330-20-7	0.43	D	0.38	1.9	D	1.7
Xylene (o)	95-47-6	0.38	U	0.38	1.7	U	1.7
Xylene (total)	1330-20-7	0.49	D	0.38	2.1	D	1.7
Bromoform	75-25-2	0.38	U	0.38	3.9	U	3.9
1,1,2,2-Tetrachloroethane	79-34-5	0.38	U	0.38	2.6	U	2.6
4-Ethyltoluene	622-96-8	0.38	U	0.38	1.9	U	1.9

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-B

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656045

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.15	U	0.15	1.0	U	1.0
Vinyl Chloride	75-01-4	0.15	U	0.15	0.38	U	0.38
1,3-Butadiene	106-99-0	0.15	U	0.15	0.33	U	0.33
Bromomethane	74-83-9	0.15	U	0.15	0.58	U	0.58
Chloroethane	75-00-3	0.15	U	0.15	0.40	U	0.40
Bromoethene	593-60-2	0.15	U	0.15	0.66	U	0.66
Trichlorofluoromethane	75-69-4	1.4		0.15	7.9		0.84
1,1-Dichloroethene	75-35-4	0.15	U	0.15	0.59	U	0.59
3-Chloropropene	107-05-1	0.15	U	0.15	0.47	U	0.47
Methyl tert-Butyl Ether	1634-04-4	0.15	U	0.15	0.54	U	0.54
trans-1,2-Dichloroethene	156-60-5	0.15	U	0.15	0.59	U	0.59
n-Hexane	110-54-3	0.33		0.15	1.2		0.53
1,1-Dichloroethane	75-34-3	0.15	U	0.15	0.61	U	0.61
1,2-Dichloroethene (total)	540-59-0	0.15	U	0.15	0.59	U	0.59
cis-1,2-Dichloroethene	156-59-2	0.15	U	0.15	0.59	U	0.59
Chloroform	67-66-3	0.15	U	0.15	0.73	U	0.73
1,1,1-Trichloroethane	71-55-6	0.15	U	0.15	0.82	U	0.82
Cyclohexane	110-82-7	0.45		0.15	1.5		0.52
Carbon Tetrachloride	56-23-5	0.15	U	0.15	0.94	U	0.94
2,2,4-Trimethylpentane	540-84-1	0.15	U	0.15	0.70	U	0.70
Dichlorodifluoromethane	75-71-8	5.6 E	D	0.15	28 E	D	0.74
Benzene	71-43-2	0.49		0.15	1.6		0.48
1,3,5-Trimethylbenzene	108-67-8	0.15	UJ	0.15	0.74	UJ	0.74
1,2-Dichloroethane	107-06-2	0.15	U	0.15	0.61	U	0.61
n-Heptane	142-82-5	0.15	U	0.15	0.61	U	0.61
Trichloroethene	79-01-6	15 E	D	0.040	81 E	D	0.21
1,2-Dichloropropane	78-87-5	0.15	U	0.15	0.69	U	0.69
Bromodichloromethane	75-27-4	0.15	U	0.15	1.0	U	1.0
cis-1,3-Dichloropropene	10061-01-5	0.15	U	0.15	0.68	U	0.68
Toluene	108-88-3	1.1		0.15	4.1		0.57
trans-1,3-Dichloropropene	10061-02-6	0.15	U	0.15	0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	0.15	U	0.15	0.82	U	0.82
Tetrachloroethene	127-18-4	0.34		0.15	2.3		1.0

Printed: 02/27/2006 10:38:35 AM

2/2/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-B

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656045

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dibromochloromethane	124-48-1	0.15	U	0.15	1.3	U	1.3
1,2-Dibromoethane	106-93-4	0.15	U	0.15	1.2	U	1.2
Ethylbenzene	100-41-4	0.15	U	0.15	0.65	U	0.65
Xylene (m,p)	1330-20-7	0.36		0.15	1.6		0.65
Xylene (o)	95-47-6	0.15		0.15	0.65		0.65
Xylene (total)	1330-20-7	0.56		0.15	2.4		0.65
Bromoform	75-25-2	0.15	U	0.15	1.6	U	1.6
1,1,2,2-Tetrachloroethane	79-34-5	0.15	U	0.15	1.0	U	1.0
4-Ethyltoluene	622-96-8	0.15	U	0.15	0.74	U	0.74

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-BDL

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656045D1

Date Analyzed: 02/07/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	1.2	U	1.2	8.4	U	8.4
Vinyl Chloride	75-01-4	1.2	U	1.2	3.1	U	3.1
1,3-Butadiene	106-99-0	1.2	U	1.2	2.7	U	2.7
Bromomethane	74-83-9	1.2	U	1.2	4.7	U	4.7
Chloroethane	75-00-3	1.2	U	1.2	3.2	U	3.2
Bromoethene	593-60-2	1.2	U	1.2	5.2	U	5.2
Trichlorofluoromethane	75-69-4	2.0	D	1.2	11	D	6.7
1,1-Dichloroethene	75-35-4	1.2	U	1.2	4.8	U	4.8
3-Chloropropene	107-05-1	1.2	U	1.2	3.8	U	3.8
Methyl tert-Butyl Ether	1634-04-4	1.2	U	1.2	4.3	U	4.3
trans-1,2-Dichloroethene	156-60-5	1.2	U	1.2	4.8	U	4.8
n-Hexane	110-54-3	1.2	U	1.2	4.2	U	4.2
1,1-Dichloroethane	75-34-3	1.2	U	1.2	4.9	U	4.9
1,2-Dichloroethene (total)	540-59-0	1.2	U	1.2	4.8	U	4.8
cis-1,2-Dichloroethene	156-59-2	1.2	U	1.2	4.8	U	4.8
Chloroform	67-66-3	1.2	U	1.2	5.9	U	5.9
1,1,1-Trichloroethane	71-55-6	1.2	U	1.2	6.5	U	6.5
Cyclohexane	110-82-7	1.2	U	1.2	4.1	U	4.1
Carbon Tetrachloride	56-23-5	1.2	U	1.2	7.5	U	7.5
2,2,4-Trimethylpentane	540-84-1	1.2	U	1.2	5.6	U	5.6
Dichlorodifluoromethane	75-71-8	5.6	D	1.2	28	D	5.9
Benzene	71-43-2	1.2	U	1.2	3.8	U	3.8
1,3,5-Trimethylbenzene	108-67-8	1.2	U J	1.2	5.9	U J	5.9
1,2-Dichloroethane	107-06-2	1.2	U	1.2	4.9	U	4.9
n-Heptane	142-82-5	1.2	U	1.2	4.9	U	4.9
Trichloroethene	79-01-6	15	D	0.33	81	D	1.8
1,2-Dichloropropane	78-87-5	1.2	U	1.2	5.5	U	5.5
Bromodichloromethane	75-27-4	1.2	U	1.2	8.0	U	8.0
cis-1,3-Dichloropropene	10061-01-5	1.2	U	1.2	5.4	U	5.4
Toluene	108-88-3	1.3	D	1.2	4.9	D	4.5
trans-1,3-Dichloropropene	10061-02-6	1.2	U	1.2	5.4	U	5.4
1,1,2-Trichloroethane	79-00-5	1.2	U	1.2	6.5	U	6.5
Tetrachloroethene	127-18-4	1.2	U	1.2	8.1	U	8.1

Printed: 02/27/2006 10:38:36 AM

3/21/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-004-1-BDL

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656045D1

Date Analyzed: 02/07/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
Dibromochloromethane	124-48-1	1.2	U	1.2	10	U	10
1,2-Dibromoethane	106-93-4	1.2	U	1.2	9.2	U	9.2
Ethylbenzene	100-41-4	1.2	U	1.2	5.2	U	5.2
Xylene (m,p)	1330-20-7	1.2	U	1.2	5.2	U	5.2
Xylene (o)	95-47-6	1.2	U	1.2	5.2	U	5.2
Xylene (total)	1330-20-7	1.2	U	1.2	5.2	U	5.2
Bromoform	75-25-2	1.2	U	1.2	12	U	12
1,1,2,2-Tetrachloroethane	79-34-5	1.2	U	1.2	8.2	U	8.2
4-Ethyltoluene	622-96-8	1.2	U	1.2	5.9	U	5.9

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-002-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656047

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2	0.15	U	0.15	1.0	U	1.0
Vinyl Chloride	75-01-4	0.15	U	0.15	0.38	U	0.38
1,3-Butadiene	106-99-0	0.15	U	0.15	0.33	U	0.33
Bromomethane	74-83-9	0.15	U	0.15	0.58	U	0.58
Chloroethane	75-00-3	0.15	U	0.15	0.40	U	0.40
Bromoethene	593-60-2	0.15	U	0.15	0.66	U	0.66
Trichlorofluoromethane	75-69-4	0.31		0.15	1.7		0.84
1,1-Dichloroethene	75-35-4	0.15	U	0.15	0.59	U	0.59
3-Chloropropene	107-05-1	0.15	U	0.15	0.47	U	0.47
Methyl tert-Butyl Ether	1634-04-4	0.15	U	0.15	0.54	U	0.54
trans-1,2-Dichloroethene	156-60-5	0.15	U	0.15	0.59	U	0.59
n-Hexane	110-54-3	0.31		0.15	1.1		0.53
1,1-Dichloroethane	75-34-3	0.15	U	0.15	0.61	U	0.61
1,2-Dichloroethene (total)	540-59-0	0.15	U	0.15	0.59	U	0.59
cis-1,2-Dichloroethene	156-59-2	0.15	U	0.15	0.59	U	0.59
Chloroform	67-66-3	0.15	U	0.15	0.73	U	0.73
1,1,1-Trichloroethane	71-55-6	0.15	U	0.15	0.82	U	0.82
Cyclohexane	110-82-7	0.15	U	0.15	0.52	U	0.52
Carbon Tetrachloride	56-23-5	0.15	U	0.15	0.94	U	0.94
2,2,4-Trimethylpentane	540-84-1	0.15	U	0.15	0.70	U	0.70
Dichlorodifluoromethane	75-71-8	1.7		0.15	8.4		0.74
Benzene	71-43-2	0.47		0.15	1.5		0.48
1,3,5-Trimethylbenzene	108-67-8	0.15	U J	0.15	0.74	U J	0.74
1,2-Dichloroethane	107-06-2	0.15	U	0.15	0.61	U	0.61
n-Heptane	142-82-5	0.15	U	0.15	0.61	U	0.61
Trichloroethene	79-01-6	0.040	U	0.040	0.21	U	0.21
1,2-Dichloropropane	78-87-5	0.15	U	0.15	0.69	U	0.69
Bromodichloromethane	75-27-4	0.15	U	0.15	1.0	U	1.0
cis-1,3-Dichloropropene	10061-01-5	0.15	U	0.15	0.68	U	0.68
Toluene	108-88-3	0.79		0.15	3.0		0.57
trans-1,3-Dichloropropene	10061-02-6	0.15	U	0.15	0.68	U	0.68
1,1,2-Trichloroethane	79-00-5	0.15	U	0.15	0.82	U	0.82
Tetrachloroethene	127-18-4	0.15	U	0.15	1.0	U	1.0

Printed: 02/27/2006 10:38:38 AM

3/2/06

TO-14/15
Result Summary

CLIENT SAMPLE NO.

H-002-1

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656047

Date Analyzed: 02/06/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dibromochloromethane	124-48-1	0.15	U	0.15	1.3	U	1.3
1,2-Dibromoethane	106-93-4	0.15	U	0.15	1.2	U	1.2
Ethylbenzene	100-41-4	0.15	U	0.15	0.65	U	0.65
Xylene (m,p)	1330-20-7	0.35		0.15	1.5		0.65
Xylene (o)	95-47-6	0.18		0.15	0.78		0.65
Xylene (total)	1330-20-7	0.58		0.15	2.5		0.65
Bromoform	75-25-2	0.15	U	0.15	1.6	U	1.6
1,1,2,2-Tetrachloroethane	79-34-5	0.15	U	0.15	1.0	U	1.0
4-Ethyltoluene	622-96-8	0.15	U	0.15	0.74	U	0.74

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SG-09

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656050

Date Analyzed: 02/09/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.87		0.49	4.3		2.4
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.49	U	0.49	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.49	U	0.49	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.43		0.20	2.4		1.1
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
3-Chloropropene	107-05-1	0.49	U	0.49	1.5	U	1.5
Methyl tert-Butyl Ether	1634-04-4	0.49	U	0.49	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.49	U	0.49	1.7	U	1.7
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.47		0.20	1.5		0.64
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	0.22		0.20	0.83		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7

Printed: 02/27/2006 10:39:10 AM

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SG-09

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656050

Date Analyzed: 02/09/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.49	U	0.49	2.1	U	2.1
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SG-10

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656051

Date Analyzed: 02/09/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.40	U	0.40	2.0	U	2.0
1,2-Dichlorotetrafluoroethane	76-14-2	0.16	U	0.16	1.1	U	1.1
Vinyl Chloride	75-01-4	0.16	U	0.16	0.41	U	0.41
1,3-Butadiene	106-99-0	0.40	U	0.40	0.88	U	0.88
Bromomethane	74-83-9	0.16	U	0.16	0.62	U	0.62
Chloroethane	75-00-3	0.40	U	0.40	1.1	U	1.1
Bromoethene	593-60-2	0.16	U	0.16	0.70	U	0.70
Trichlorofluoromethane	75-69-4	0.16	U	0.16	0.90	U	0.90
1,1-Dichloroethene	75-35-4	0.16	U	0.16	0.63	U	0.63
3-Chloropropene	107-05-1	0.40	U	0.40	1.3	U	1.3
Methyl tert-Butyl Ether	1634-04-4	0.40	U	0.40	1.4	U	1.4
trans-1,2-Dichloroethene	156-60-5	0.16	U	0.16	0.63	U	0.63
n-Hexane	110-54-3	0.40	U	0.40	1.4	U	1.4
1,1-Dichloroethane	75-34-3	0.16	U	0.16	0.65	U	0.65
1,2-Dichloroethene (total)	540-59-0	0.16	U	0.16	0.63	U	0.63
cis-1,2-Dichloroethene	156-59-2	0.16	U	0.16	0.63	U	0.63
Chloroform	67-66-3	0.16	U	0.16	0.78	U	0.78
1,1,1-Trichloroethane	71-55-6	0.16	U	0.16	0.87	U	0.87
Cyclohexane	110-82-7	0.16	U	0.16	0.55	U	0.55
Carbon Tetrachloride	56-23-5	0.16	U	0.16	1.0	U	1.0
2,2,4-Trimethylpentane	540-84-1	0.16	U	0.16	0.75	U	0.75
Benzene	71-43-2	0.32		0.16	1.0		0.51
1,2-Dichloroethane	107-06-2	0.16	U	0.16	0.65	U	0.65
n-Heptane	142-82-5	0.16	U	0.16	0.66	U	0.66
Trichloroethene	79-01-6	0.16	U	0.16	0.86	U	0.86
1,2-Dichloropropane	78-87-5	0.16	U	0.16	0.74	U	0.74
Bromodichloromethane	75-27-4	0.16	U	0.16	1.1	U	1.1
cis-1,3-Dichloropropene	10061-01-5	0.16	U	0.16	0.73	U	0.73
Toluene	108-88-3	0.56		0.16	2.1		0.60
trans-1,3-Dichloropropene	10061-02-6	0.16	U	0.16	0.73	U	0.73
1,1,2-Trichloroethane	79-00-5	0.16	U	0.16	0.87	U	0.87
Tetrachloroethene	127-18-4	0.16	U	0.16	1.1	U	1.1
Dibromochloromethane	124-48-1	0.16	U	0.16	1.4	U	1.4

Printed: 02/27/2006 10:39:11 AM

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SG-10

Lab Name: STL Burlington

SDG Number: 112332

Case Number:

Sample Matrix: Air

Lab Sample No.: 656051

Date Analyzed: 02/09/2006

Date Received: 01/30/2006

Target Compound	CAS Number	Results In ppbv	Q	RL In ppbv	Results In ug/m3	Q	RL In ug/m3
1,2-Dibromoethane	106-93-4	0.16	U	0.16	1.2	U	1.2
Ethylbenzene	100-41-4	0.17		0.16	0.74		0.69
Xylene (m,p)	1330-20-7	0.63		0.40	2.7		1.7
Xylene (o)	95-47-6	0.35		0.16	1.5		0.69
Xylene (total)	1330-20-7	1.0		0.16	4.3		0.69
Bromoform	75-25-2	0.16	U	0.16	1.7	U	1.7
1,1,2,2-Tetrachloroethane	79-34-5	0.16	U	0.16	1.1	U	1.1
4-Ethyltoluene	622-96-8	0.56		0.16	2.8		0.79
1,3,5-Trimethylbenzene	108-67-8	0.19		0.16	0.93		0.79