

**URS Corporation**

640 Ellicott Street

Buffalo, New York 14203 (716)-856-5636 FAX: (716) 856-2545

**Letter of Transmittal**

TO: **NYSDEC**

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**625 Broadway**

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**Albany, NY 12233-7020**

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DATE: **6/3/05** JOB NO.: **35388**

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ATTN: **David Chiusano**

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RE: **Site #8-49-002**

**North Franklin Street**

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**Watkins Glen, Schulyer, New York**

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**Work Authorization # D003825.093**

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- ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Specifications
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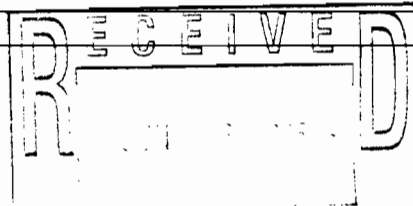
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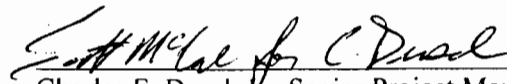
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Copies to: File: 35388 (C-1)

  
Charles E. Dusel, Jr., Senior Project Manager

**FIELD INVESTIGATION LETTER REPORT  
INDOOR AIR SAMPLING AT  
2 NORTH FRANKLIN STREET**

**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 D003825-09.3**

**FINAL**

**Prepared By:**

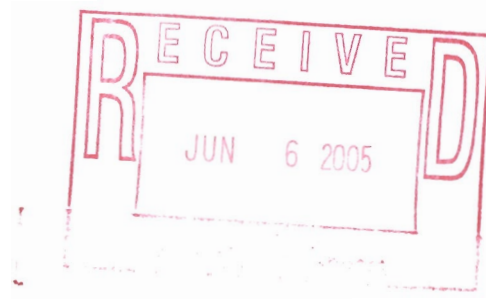
**URS CORPORATION  
77 GOODELL STREET  
BUFFALO, NEW YORK 14203**





June 3, 2005

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 # D003825-09.3  
Indoor Air Sampling  
North Franklin Street Site, Site No. 8-49-002  
Summary of Indoor Air Sampling at 2 North Franklin Street: Letter Report**

Dear Mr. Chiusano:

URS Corporation (URS) has completed the indoor air sampling of 2 North Franklin Street (Seneca Market Building), which is located 100 feet north of the above-referenced site (Figure 1). This work was performed in accordance with the Field Sampling Plan (URS, 2005).

The sampling event consisted of a pre-sampling questionnaire and inventory, collection of indoor air samples, sub-slab vapor samples, and an outdoor air sample. URS personnel conducted a pre-sampling questionnaire and inventory on March 21, 2005, and the indoor air samples, sub-slab vapor samples, and an outdoor air sample were collected on March 22, 2005.

#### 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 Seneca Market Building, which currently is occupied by two tenants, Seneca Harbor Wine Center (Seneca Harbor) and Watkins Glen International. Mr. Michael Quinian of the Krog Corporation (on behalf of Peter Krog, owner of the Seneca Market Building) completed the questionnaire concerning the buildings characteristics. URS personnel completed an inventory of household chemicals present in each tenant's space, which may have potentially impacted the air sample results. A RAE Systems ppb RAE was used to survey each household chemical for the presence of volatile organic compounds (VOCs). The pre-sampling questionnaire and inventory forms are included in Attachment 1. A photographic log containing pictures of the interior of each tenant's space and household chemicals exhibiting elevated levels of VOCs is included in Attachment 2.

#### Air and Vapor Sampling

All samples were collected using six-liter SUMMA canisters, in accordance with the procedures outlined in the Field Sampling Plan (URS, 2005). Completed sampling logs are provided in Attachment 3. After the sampling was completed, the samples were shipped under chain-of-custody control for VOC analysis via EPA Method TO-15 to Severn Trent Laboratories (STL) located in Knoxville, Tennessee. STL is a New York State Department of Health (NYSDOH) approved laboratory.

URS Corporation  
77 Goodell Street  
Buffalo, NY 14203  
Tel: 716.856.5636  
Fax: 716.856.2545

### Indoor Air Sampling

URS collected three 8-hour indoor air samples plus a field duplicate from the first floor tenant spaces in the Seneca Market Building, as shown on Figure 2. Two indoor air samples plus a field duplicate were collected from the Seneca Harbor space. Sample H-001-IA-1 and the field duplicate (20050322-FD-1) were located in the bar area, and sample H-002-IA-1 was located in the storage room. One indoor air sample (H-0030IA-1) was collected from the Watkins Glen International space. A photographic log containing pictures of the sample locations is included in Attachment 2.

### Sub-Slab Vapor Sampling

Two 8-hour sub-slab vapor samples plus a field duplicate were collected in the Seneca Harbor space, which occupies the majority (central to northern portion) of the first floor. One sub-slab vapor sample (H-001-SS-1) was collected in the bar area. Sub-slab sample H-002-SS-1 and one field duplicate (20050322-FD-2) were collected in the storage room. No sub-slab samples were collected from beneath Watkins Glen International space. The sub-slab vapor sample locations are shown on Figure 2. A photographic log containing pictures of the sample locations is included in Attachment 2.

### Outdoor Air Sampling

URS collected one 8-hour outdoor air sample (20050322-OA-1) from an upwind location located approximately 100 feet northeast of the northeastern corner of the Seneca Market Building, as shown on Figure 2. A photographic log containing a picture of the sample location is included in Attachment 2.

### Analytical Summary

The analytical results from the of indoor air samples, sub-slab vapor samples, and the outdoor air sample have been compared to both OSHA criteria and NYSDOH indoor air criteria (Table 1). Concentrations of detected compounds at each sample location are shown on Figure 3. As shown in Table 1, the concentration of VOCs detected in the indoor air samples are below the applicable NYSDOH indoor air and OSHA criteria. The indoor air samples from Seneca Harbor space did not indicate the presence of any chlorinated hydrocarbons. The indoor air sample from Watkins Glen International indicated the presence of tetrachloroethene, at 1.0  $\mu\text{g}/\text{m}^3$ .

At sub-slab vapor sample location H-001-SS-1, tetrachloroethene and 1,1,1-trichloroethane were detected at concentrations of 0.89  $\mu\text{g}/\text{m}^3$  and 1.1  $\mu\text{g}/\text{m}^3$ , respectively, which are below the applicable NYSDOH sub-slab criteria (i.e., 100  $\mu\text{g}/\text{m}^3$ ). At sub-slab vapor sample location H-002-SS-1 and the associated field duplicate (20050322-FD-2), the concentration of tetrachloroethene detected (i.e., 1290 and 1360  $\mu\text{g}/\text{m}^3$ , respectively) was well above the NYSDOH 100  $\mu\text{g}/\text{m}^3$  sub-slab criteria.

Concentrations of VOCs in the outdoor air sample did not indicate an outside source of contamination. A copy of the laboratory report is included in Attachment 4.

It should be noted that the concentrations listed in Table 1 and Figure 3 were obtained by converting parts per billion, by volume (ppbv) to  $\mu\text{g}/\text{m}^3$ . Because the ppbv values were rounded to two significant figures, the  $\mu\text{g}/\text{m}^3$  results are slightly different from the  $\mu\text{g}/\text{m}^3$  values listed on the laboratory forms in Attachment 4.



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

Tables

Table 1                      Air Analytical Results

Figures

Figure 1                      Project Site

Figure 2                      Indoor/Sub Slab/Outdoor Air Samples

Figure 3                      Indoor/Sub Slab/Outdoor Air Sampling Results

Attachments

Attachment 1                      Pre-Sampling Questionnaire and Inventory Forms

Attachment 2                      Photographic Log

Attachment 3                      Sampling Logs

Attachment 4                      Laboratory Reporting Forms and Chain-of-Custody

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

Sincerely,

**URS Corporation**



Charles E. Dusel, Jr.

Sr. Project Manager

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

## TABLES

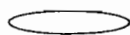
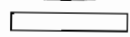
**TABLE 1**  
**AIR ANALYTICAL RESULTS**  
**NORTH FRANKLIN ST. SITE**

Location ID				H-001	H-001	H-001	H-002	H-002
Sample ID				20050322-FD-1	H-001-IA-1	H-001-SS-1	H-002-IA-1	20050322-FD-2
Matrix				Indoor Air	Indoor Air	Sub Slab Air	Indoor Air	Sub Slab Air
Depth Interval (ft)				-	-	-	-	-
Date Sampled				03/22/05	03/22/05	03/22/05	03/22/05	03/22/05
Parameter	Units	(1)	(2)	Field Duplicate (1-1)				Field Duplicate (1-1)
Volatiles								
Chloromethane	UG/M3	2.07E+05	-	1.76	1.40 J	1.53 U	1.73	14.45 U
Bromomethane	UG/M3	-	-	1.09 U	1.09 U	1.16 U	1.09 U	10.87 U
Vinyl Chloride	UG/M3	-	-	0.72 U	0.72 U	0.77 U	0.72 U	7.16 U
Chloroethane	UG/M3	-	-	0.74 U	0.74 U	0.79 U	0.74 U	7.39 U
Methylene Chloride	UG/M3	86850.72	-	2.47 U	2.47 U	2.57 U	2.47 U	24.32 U
Acetone	UG/M3	2.40E+06	-	11.40 JB	13.78 JB	20.43 B	10.93 JB	23.75 JB
Carbon Disulfide	UG/M3	-	-	0.87 U	0.87 U	0.69 J	0.87 U	8.72 U
1,1-Dichloroethene	UG/M3	-	-	1.11 U	1.11 U	1.19 U	1.11 U	11.10 U
1,1-Dichloroethane	UG/M3	-	-	1.13 U	1.13 U	1.21 U	1.13 U	11.33 U
2-Butanone	UG/M3	5.90E+05	-	2.09 U	1.36 J	0.86 J	0.88 J	20.64 U
Chloroform	UG/M3	2.40E+05	-	1.37 U	1.37 U	1.46 U	1.37 U	13.67 U
1,2-Dichloroethane	UG/M3	-	-	1.13 U	1.13 U	1.21 U	1.13 U	11.33 U
1,1,1-Trichloroethane	UG/M3	-	-	1.53 U	1.53 U	1.15 J	1.53 U	15.28 U
Carbon Tetrachloride	UG/M3	-	-	1.76 U	1.76 U	1.89 U	1.76 U	17.62 U
Bromodichloromethane	UG/M3	-	-	1.88 U	1.88 U	2.01 U	1.88 U	18.76 U
1,2-Dichloropropane	UG/M3	-	-	1.29 U	1.29 U	1.39 U	1.29 U	12.94 U
cis-1,3-Dichloropropene	UG/M3	-	-	1.27 U	1.27 U	1.36 U	1.27 U	12.71 U
Trichloroethene	UG/M3	5.37E+05	5	1.50 U	1.50 U	1.61 U	1.50 U	15.05 U
Benzene	UG/M3	31946.83	-	0.89 U	0.45 J	1.09	0.38 J	8.95 U
Dibromochloromethane	UG/M3	-	-	2.39 U	2.39 U	2.56 U	2.39 U	23.85 U

(1)- 29 CFR 1910.1000 and 29 CFR 1910.1052

(2)- 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 (1)  
 Concentration Exceeds (2)

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

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

B - The analyte was found in an associated blank, as well as in the sample.

Detection Limits shown are PQL



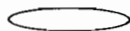
**TABLE 1**  
**AIR ANALYTICAL RESULTS**  
**NORTH FRANKLIN ST. SITE**

Location ID				H-001	H-001	H-001	H-002	H-002
Sample ID				20050322-FD-1	H-001-1A-1	H-001-SS-1	H-002-1A-1	20050322-FD-2
Matrix				Indoor Air	Indoor Air	Sub Slab Air	Indoor Air	Sub Slab Air
Depth Interval (ft)				-	-	-	-	-
Date Sampled				03/22/05	03/22/05	03/22/05	03/22/05	03/22/05
Parameter	Units	(1)	(2)	Field Duplicate (1-1)				Field Duplicate (1-1)
Volatiles								
trans-1,3-Dichloropropene	UG/M3	-	-	1.27 U	1.27 U	1.36 U	1.27 U	12.71 U
1,1,2-Trichloroethane	UG/M3	-	-	1.53 U	1.53 U	1.64 U	1.53 U	15.28 U
Bromoform	UG/M3	-	-	2.89 U	2.89 U	3.10 U	2.89 U	28.94 U
4-Methyl-2-Pentanone	UG/M3	-	-	2.91 U	2.91 U	3.03 U	2.91 U	28.68 U
2-Hexanone	UG/M3	-	-	2.91 U	2.91 U	3.03 U	2.91 U	28.68 U
Tetrachloroethene	UG/M3	6.78E+05	100	1.90 U	1.90 U	0.88 J	1.90 U	1,288.69
1,1,2,2-Tetrachloroethane	UG/M3	-	-	1.92 U	1.92 U	2.06 U	1.92 U	19.22 U
Toluene	UG/M3	7.54E+05	-	1.06 U	1.55	1.43	0.75 J	10.55 U
Chlorobenzene	UG/M3	-	-	1.29 U	1.29 U	1.38 U	1.29 U	12.89 U
Ethylbenzene	UG/M3	4.35E+05	-	1.22 U	1.22 U	1.30 U	1.22 U	12.16 U
Styrene	UG/M3	4.26E+05	-	1.19 U	1.19 U	1.28 U	1.19 U	11.93 U
m,p-Xylene	UG/M3	4.35E+05	-	2.43 U	2.43 U	0.96 J	2.43 U	24.32 U
o-Xylene	UG/M3	4.35E+05	-	1.22 U	1.22 U	1.30 U	1.22 U	12.16 U
cis-1,2-Dichloroethene	UG/M3	-	-	1.11 U	1.11 U	1.19 U	1.11 U	11.10 U
trans-1,2-Dichloroethene	UG/M3	-	-	1.11 U	1.11 U	1.19 U	1.11 U	11.10 U

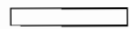
(1)- 29 CFR 1910.1000 and 29 CFR 1910.1052

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

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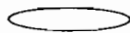
**TABLE 1**  
**AIR ANALYTICAL RESULTS**  
**NORTH FRANKLIN ST. SITE**

Location ID				H-002	H-003	OA-01
Sample ID				H-002-SS-1	H-003-1A-1	20050322-OA-1
Matrix				Sub Slab Air	Indoor Air	Ambient Air
Depth Interval (ft)				-	-	-
Date Sampled				03/22/05	03/22/05	03/22/05
Parameter	Units	(1)	(2)			
<b>Volatiles</b>						
Chloromethane	UG/M3	2.07E+05	-	14.45 U	1.49	1.34 J
Bromomethane	UG/M3	-	-	10.87 U	1.13 U	1.09 U
Vinyl Chloride	UG/M3	-	-	7.16 U	0.74 U	0.72 U
Chloroethane	UG/M3	-	-	7.39 U	0.77 U	0.74 U
Methylene Chloride	UG/M3	86850.72	-	24.32 U	2.50 U	2.43 U
Acetone	UG/M3	2.40E+06	-	23.75 JB	20.43 B	5.23 JB
Carbon Disulfide	UG/M3	-	-	8.72 U	0.90 U	0.87 U
1,1-Dichloroethene	UG/M3	-	-	11.10 U	1.15 U	1.11 U
1,1-Dichloroethane	UG/M3	-	-	11.33 U	1.17 U	1.13 U
2-Butanone	UG/M3	5.90E+05	-	20.64 U	1.00 J	2.06 U
Chloroform	UG/M3	2.40E+05	-	13.67 U	1.42 U	1.37 U
1,2-Dichloroethane	UG/M3	-	-	11.33 U	1.17 U	1.13 U
1,1,1-Trichloroethane	UG/M3	-	-	15.28 U	1.58 U	1.53 U
Carbon Tetrachloride	UG/M3	-	-	17.62 U	1.82 U	1.76 U
Bromodichloromethane	UG/M3	-	-	18.76 U	1.94 U	1.88 U
1,2-Dichloropropane	UG/M3	-	-	12.94 U	1.34 U	1.29 U
cis-1,3-Dichloropropene	UG/M3	-	-	12.71 U	1.32 U	1.27 U
Trichloroethene	UG/M3	5.37E+05	5	15.05 U	1.56 U	1.50 U
Benzene	UG/M3	31946.83	-	8.95 U	0.99	0.89 U
Dibromochloromethane	UG/M3	-	-	23.85 U	2.47 U	2.39 U

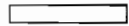
(1)- 29 CFR 1910.1000 and 29 CFR 1910.1052

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

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**TABLE 1**  
**AIR ANALYTICAL RESULTS**  
**NORTH FRANKLIN ST. SITE**

Location ID				H-002	H-003	OA-01
Sample ID				H-002-SS-1	H-003-IA-1	20050322-OA-1
Matrix				Sub Slab Air	Indoor Air	Ambient Air
Depth Interval (ft)				-	-	-
Date Sampled				03/22/05	03/22/05	03/22/05
Parameter	Units	(1)	(2)			
<b>Volatiles</b>						
trans-1,3-Dichloropropene	UG/M3	-	-	12.71 U	1.32 U	1.27 U
1,1,2-Trichloroethane	UG/M3	-	-	15.28 U	1.58 U	1.53 U
Bromoform	UG/M3	-	-	28.94 U	3.00 U	2.89 U
4-Methyl-2-Pentanone	UG/M3	-	-	28.68 U	2.95 U	2.87 U
2-Hexanone	UG/M3	-	-	28.68 U	2.95 U	2.87 U
Tetrachloroethene	UG/M3	6.78E+05	100	1,356.52	1.02 J	1.90 U
1,1,2,2-Tetrachloroethane	UG/M3	-	-	19.22 U	1.99 U	1.92 U
Toluene	UG/M3	7.54E+05	-	10.55 U	1.96	1.06 U
Chlorobenzene	UG/M3	-	-	12.89 U	1.34 U	1.29 U
Ethylbenzene	UG/M3	4.35E+05	-	12.16 U	1.26 U	1.22 U
Styrene	UG/M3	4.26E+05	-	11.93 U	1.24 U	1.19 U
m,p-Xylene	UG/M3	4.35E+05	-	24.32 U	1.22 J	2.43 U
o-Xylene	UG/M3	4.35E+05	-	12.16 U	1.26 U	1.22 U
cis-1,2-Dichloroethene	UG/M3	-	-	11.10 U	1.15 U	1.11 U
trans-1,2-Dichloroethene	UG/M3	-	-	11.10 U	1.15 U	1.11 U

(1)- 29 CFR 1910.1000 and 29 CFR 1910.1052

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

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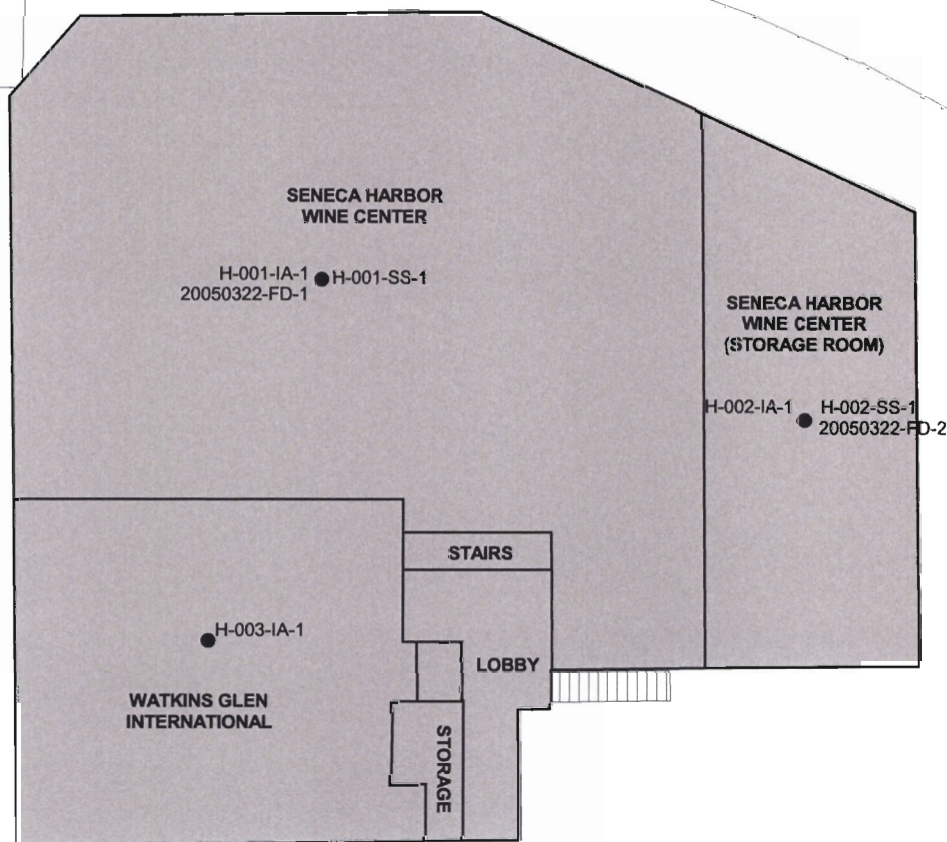


## FIGURES





NORTH FRANKLIN STREET



### Legend

- Outdoor Air Sample Location
- Indoor and Subslab Air Sample Location

NOTES:  
IA - Indoor Air Sample  
SS- Sub-Slab Air Sample  
FD - Field Duplicate Sample

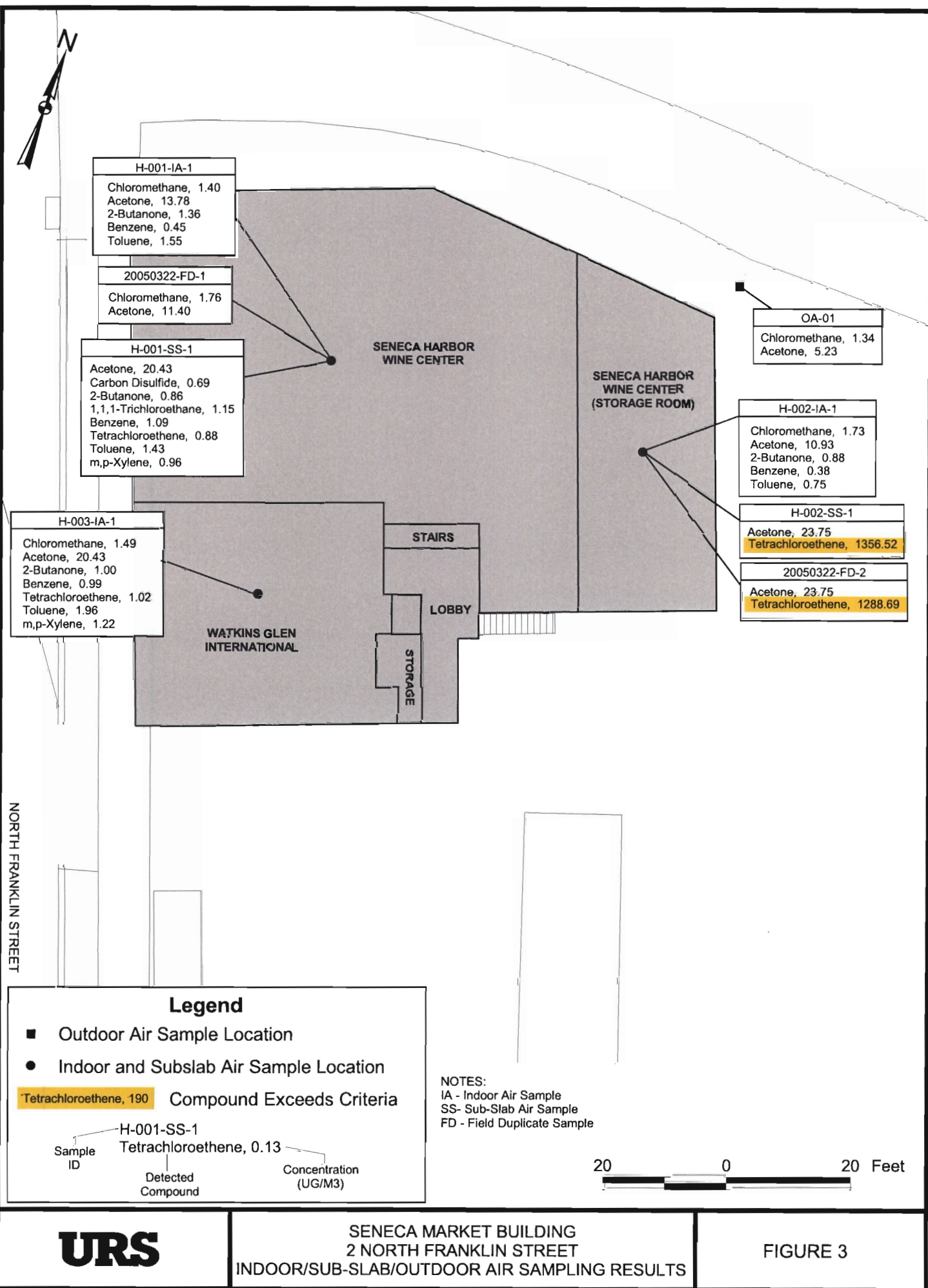
20 0 20 Feet

**URS**

SENeca MARKET BUILDING  
2 NORTH FRANKLIN STREET  
INDOOR/SUB-SLAB/OUTDOOR AIR SAMPLES

FIGURE 2





**H-001-IA-1**

Chloromethane, 1.40
Acetone, 13.78
2-Butanone, 1.36
Benzene, 0.45
Toluene, 1.55

**20050322-FD-1**

Chloromethane, 1.76
Acetone, 11.40

**H-001-SS-1**

Acetone, 20.43
Carbon Disulfide, 0.69
2-Butanone, 0.86
1,1,1-Trichloroethane, 1.15
Benzene, 1.09
Tetrachloroethene, 0.88
Toluene, 1.43
m,p-Xylene, 0.96

**H-003-IA-1**

Chloromethane, 1.49
Acetone, 20.43
2-Butanone, 1.00
Benzene, 0.99
Tetrachloroethene, 1.02
Toluene, 1.96
m,p-Xylene, 1.22

**OA-01**

Chloromethane, 1.34
Acetone, 5.23

**H-002-IA-1**

Chloromethane, 1.73
Acetone, 10.93
2-Butanone, 0.88
Benzene, 0.38
Toluene, 0.75

**H-002-SS-1**

Acetone, 23.75
Tetrachloroethene, 1356.52

**20050322-FD-2**

Acetone, 23.75
Tetrachloroethene, 1288.69

N:\1173258 000000\B\GIS\DEC2000\franklin.apr AIR SAMPLE RESULTS 5/5/2005

**URS**

SENECA MARKET BUILDING  
2 NORTH FRANKLIN STREET  
INDOOR/SUB-SLAB/OUTDOOR AIR SAMPLING RESULTS

FIGURE 3

**ATTACHMENT 1**

**PRE-SAMPLING QUESTIONNAIRE AND INVENTORY  
FORMS**

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 Scott McCarone Date 3/21/05 Time 1130  
Preparer's Affiliation URS Corporation Phone No. 716-856-5636

1. OCCUPANT:

Interviewed: Y / N

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Address: \_\_\_\_\_

County: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Office Phone: \_\_\_\_\_

Number of Occupants/persons at this location \_\_\_\_\_ Age of Occupants \_\_\_\_\_

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

Interviewed: ☒ Y ☐ N

Last Name: Krog First Name: Peter

Address: 4 Centre Drive Orchard Park, NY 14127

County: Erie

Home Phone: 716 667 1234 Office Phone: 716 667 1234



### 3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential  
Industrial

School  
Church

Commercial/Multi-Use  
Other: \_\_\_\_\_

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

Ranch  
Raised Ranch  
Cape Cod  
Duplex  
Modular

2-Family  
Split Level  
Contemporary  
Apartment House  
Log Home

3-Family  
Colonial  
Mobile Home  
Townhouses/Condos  
Other: \_\_\_\_\_

If multiple units, how many? 7

If the property is commercial, type?

Business Type(s) office / retail

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

Other characteristics:

Number of floors 3

Building age ± 140 yrs

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 None

c. Basement floor:

concrete

dirt

stone

other \_\_\_\_\_

d. ~~Basement floor:~~

uncovered

covered

covered with

paint / carpet / ceramic tile

e. Concrete floor:

unsealed

sealed

sealed with \_\_\_\_\_

f. Foundation walls:

poured

block

stone

other \_\_\_\_\_

g. Foundation walls:

unsealed

sealed

sealed with \_\_\_\_\_

h. The basement is:

wet

damp

dry

moldy

i. The basement is:

finished

unfinished

partially finished

No basement,  
slab on grade

j. Sump present?

Y ☒ N

k. Water in sump?

Y / N ☒ not applicable

Basement/Lowest level depth below grade: \_\_\_\_\_ (feet)

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

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

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

☒ Hot air circulation  
☐ Kerosene Heater  
☐ Electric baseboard

☒ Heat pump  
☐ Stream radiation  
☐ Wood stove

☐ Hot water baseboard  
☐ Radiant floor  
☐ Other \_\_\_\_\_

The type of fuel used is:

☒ Natural Gas  
☒ Electric  
☐ Wood

☐ Fuel Oil  
☐ Propane  
☐ Coal

☐ Kerosene  
☐ Solar

Hot water tank fueled by: electricity

Boiler/furnace located in: ☐ Basement ☐ Outdoors ☒ Main Floor ☐ Other \_\_\_\_\_

Air Conditioning: ☒ Central Air ☐ Window units ☐ Open Windows ☐ None

Are there air distribution ducts present? ☒ Y ☐ N

Describe the supply and cold air return ductwork 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.

No basement

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6. OCCUPANCY

Basement / lowest level occupancy?

Full time

☒ Occasionally

Seldom

Almost Never

retail space

<u>Level</u>	<u>General Use of Each Floor</u> (e.g., family/playroom, bedroom, laundry, workshop, storage, office)
Basement	<u>None</u>
1 <sup>st</sup> Floor	<u>retail, storage</u>
2 <sup>nd</sup> Floor	<u>office</u>
3 <sup>rd</sup> Floor	<u>office</u>
4 <sup>th</sup> 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? Not that I know of
- 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? to clean office space
- i. Have cosmetic products been used recently? Y / N When & Type? ?
- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? \_\_\_\_\_
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? \_\_\_\_\_
- l. Have air fresheners been used recently? Y ☒ N When & Type? \_\_\_\_\_
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? \_\_\_\_\_
- n. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- o. Has there been a pesticide application? ☒ Y / N When & Type? 2 yrs ago

Are there odors in the building?

Y ☒ N

If yes, please describe: \_\_\_\_\_

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, automechanic or autobody shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist etc.)

If yes, what types of solvents are used? \_\_\_\_\_

If yes, are their clothes washed at work?

Y / N

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

Yes, use dry-cleaning regularly (weekly)

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: \_\_\_\_\_

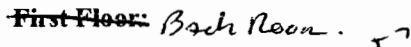
b. Residents choose to: remain in home    relocate to friends/family    relocate to hotel/motel

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

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

SENECA Harbor Wind Center.

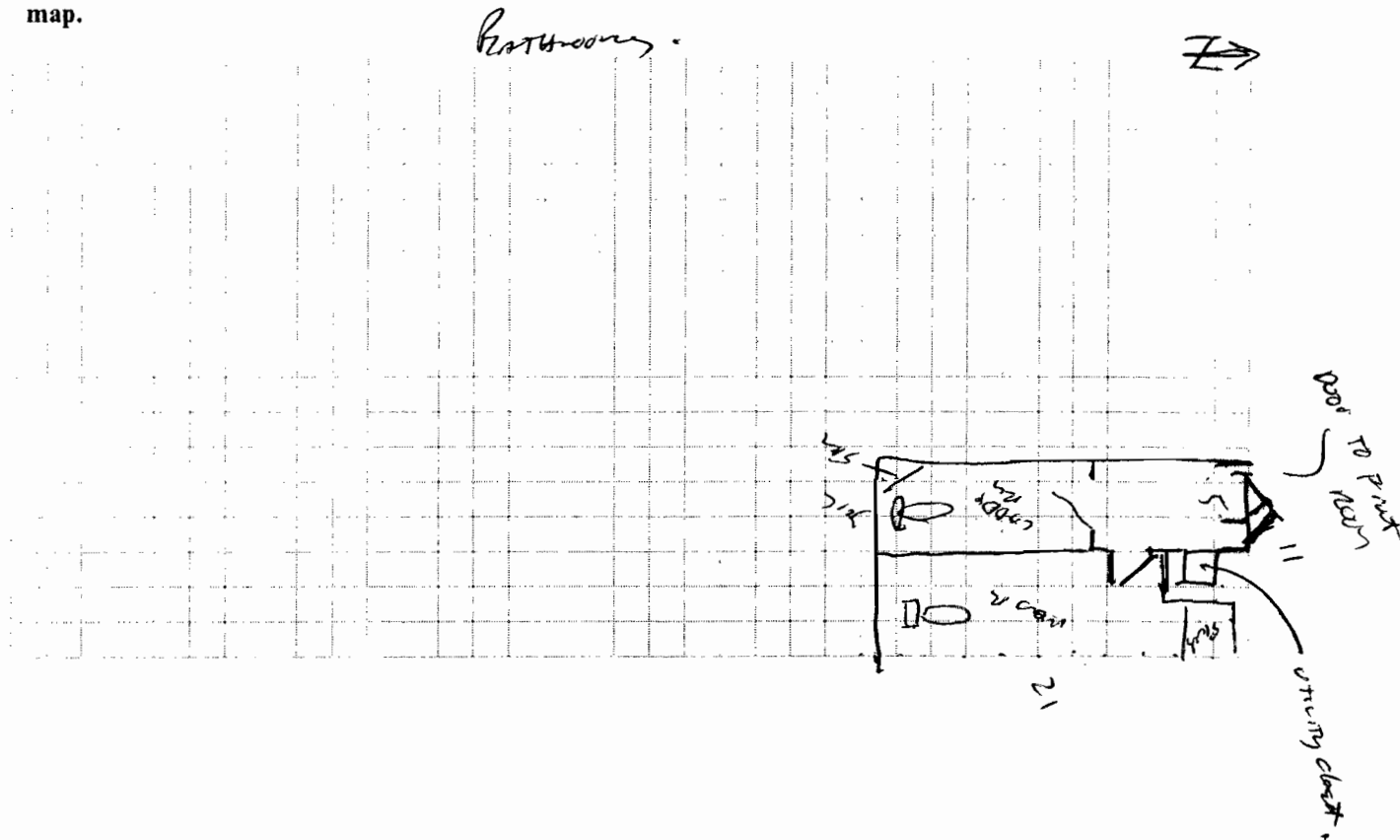
**Basement:** Front Room



## 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.





## 13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Rae - ppbRAE

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

1 of 2

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y/N
Front room	Windex	32 fl oz	U	Ammonia	1 ppb	N
" "	hand lotion	4 oz	U	mineral oil, distilled water, triethanolamine, Dimethicone	9 ppb	N
" "	Red wine (1 case = 12 x 750ml bottles)	16 cases	UO	12% alcohol	0 ppb	N
" "	Blush wine (1 case = 6 x 1.5 liter)	4 cases	UO	17% alcohol	0 ppb	N
" "	Dry sherry wine (1 case = 12 x 750ml)	22 cases	UO	11% alcohol	0 ppb	N
" "	Great western champagne (1 case = 12 x 750ml)	26 cases	UO	12% alcohol	0 ppb	N
" "	Various champagne (1 case = 12 x 750ml)	31 cases	UO	12% alcohol	0 ppb	N
" "	White wine (1 case = 12 x 750ml)	22 cases	UO	6% alcohol	0 ppb	N
" "	Resling (1 case = 12 x 750ml)	11 cases	UO	11% alcohol	0 ppb	N
" "	Red Table wine (1 case = 12 x 750ml)	24 cases	UO	11-18% alcohol	0 ppb	N
" "	Sherry wine (1 case = 12 x 750ml)	20 cases	UO	17% alcohol	0 ppb	N
" "	Champagne (1 case = 12 x 750ml)	7 cases	UO	11-16% alcohol	0 ppb	N
Storage closet	Windex	3x 32 oz	UO	Ammonia	1 ppb	N
" "	Scrub-free	2x 32 oz	U	unknown	0 ppb	N
" "	Spartan - prop acid bathroom cleaner	2x 32 oz	UO	dimethyl benzyl ammonium, octyl decyl dimethyl, amine, etc	0-13 ppb	N
" "	Soft soap - Hadd's soap	1.25 gal	UO	Tri-closan, sodium C-14-16, olefin sulfonate, sodium chloride, etc	11-13 ppb	N
" "	Cloiox - Redmap absorbent pads (8.5 x 11")	8	UO	unknown	23 ppb	N
Bathrooms	Lysol - disinfectant spray	19 oz	U	Alkyl, Dimethyl Benzyl, Ammonium Saccharate, etc	42 ppb	N
" "	Soft soap dispenser	?	U	unknown	9-11 ppb	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.

Make & Model of field instrument used: Kan - gpb LAR

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

\* 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.

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 SUN MURRAY Date 3/21/05 Time 1400

Preparer's Affiliation URS Corporation Phone No: 716-856-5636

1. OCCUPANT:

Interviewed: ☒ Y ☐ N Watkins Glen International  
Attn: Tonya

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Address: 2 North Franklin St. Watkins Glen, NY 14891

County: Schuyler

Home Phone: \_\_\_\_\_ Office Phone: 607-535-2486 x201

Number of Occupants/persons at this location \_\_\_\_\_ Age of Occupants \_\_\_\_\_

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

Interviewed: ☒ Y ☐ N

Last Name: Krog First Name: Peter

Address: 4 Centre Drive Orchard Park, NY 14127

County: Erie

Home Phone: 716 667 1234 Office Phone: 716 667 1234

### 3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential  
Industrial

School  
Church

Commercial/Multi-Use  
Other: \_\_\_\_\_

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

Ranch  
Raised Ranch  
Cape Cod  
Duplex  
Modular

2-Family  
Split Level  
Contemporary  
Apartment House  
Log Home

3-Family  
Colonial  
Mobile Home  
Townhouses/Condos  
Other: \_\_\_\_\_

If multiple units, how many? 7

If the property is commercial, type?

Business Type(s) office/retail

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

Other characteristics:

Number of floors 3

Building age ± 140 yrs

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 None
- c. Basement floor: concrete dirt stone other \_\_\_\_\_
- d. Basement floor: uncovered covered covered with \_\_\_\_\_
- e. Concrete floor: unsealed sealed sealed with paint / carpet / ceramic tile
- f. Foundation walls: poured block stone other \_\_\_\_\_
- g. Foundation walls: unsealed sealed sealed with \_\_\_\_\_
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished

No basement -  
slab on grade

j. Sump present?

Y (N)

k. Water in sump?

Y / N (not applicable)

Basement/Lowest level depth below grade: \_\_\_\_\_ (feet)

slab on grade

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

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

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

Hot air circulation  
Kerosene Heater  
Electric baseboard

Heat pump  
Stream radiation  
Wood stove

Hot water baseboard  
Radiant floor  
Other \_\_\_\_\_

The type of fuel used is:

Natural Gas  
Electric  
Wood

Fuel Oil  
Propane  
Coal

Kerosene  
Solar

Hot water tank fueled by:

electricity

Boiler/furnace located in:

Basement

Outdoors

Main Floor

Other \_\_\_\_\_

Air Conditioning:

Central Air

Window units

Open Windows

None

Are there air distribution ducts present?

(Y) N

Describe the supply and cold air return ductwork 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.

No basement

6. OCCUPANCY

Basement / lowest level occupancy?

Full time

Occasionally

Seldom

Almost Never

retail space

**Level**      **General Use of Each Floor** (e.g., family/playroom, bedroom, laundry, workshop, storage, office)

Basement      None

1<sup>st</sup> Floor      retail, storage

2<sup>nd</sup> Floor      office

3<sup>rd</sup> Floor      office

4<sup>th</sup> 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? Not that I know of
- 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? to clean office space
- i. Have cosmetic products been used recently?      Y / N      When & Type? ?
- j. Has painting/staining been done in the last 6 months?      Y ☒ N      Where & When? \_\_\_\_\_
- k. Is there new carpet, drapes or other textiles?      Y ☒ N      Where & When? \_\_\_\_\_
- l. Have air fresheners been used recently?      Y ☒ N      When & Type? \_\_\_\_\_
- m. Is there a kitchen exhaust fan?      Y ☒ N      If yes, where vented? \_\_\_\_\_
- n. Is there a clothes dryer?      Y ☒ N      If yes, is it vented outside?      Y / N
- o. Has there been a pesticide application?      ☒ Y N      When & Type? 2 yrs ago



Are there odors in the building?

Y (N)

If yes, please describe: \_\_\_\_\_

Do any of the building occupants use solvents at work?

Y (N)

(e.g., chemical manufacturing or laboratory, automechanic or autobody shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist etc.)

If yes, what types of solvents are used? \_\_\_\_\_

If yes, are their clothes washed at work?

Y / N

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

Yes, use dry-cleaning regularly (weekly)

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

### 13. PRODUCT INVENTORY FORM

**Make & Model of field instrument used:**

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

[illegible]

\* 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.**

## 13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: LAE - ppbLAE

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

1 OF 2

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y/N
Front Room	sun screen	8' x 22'	UO	water, glycereth-26, ALOE, TDOOPHENYL ACETATE	0 ppb	N
" "	vinyl pillows (12" x 12")	39 units	UO	unknown	0-37 ppb	Y
" "	various new clothing (shirts, hats, sweatshirts)	100's units	UO	unknown	0-42 ppb	Y
" "	Sharpie markers.	50 units	UO	unknown	0-36 ppb	Y
" "	various colored crayons	100's units	UO	unknown	0-19 ppb	Y
" "	various printed posters	100's units	UO	unknown	0-26 ppb	Y
" "	JET Grods - bubble head in box	40 units	UO	unknown	0-21 ppb	N
Shower	Bumper stickers	75 units	UO	unknown	0-9 ppb	N
" "	Zippo - Butane Fuel	24 x 2.5 fl oz	UO	Butane	125 ppb	Y
" "	Zippo - Premium Lighter Fluid	21 x 4 fl oz	UO	petroleum distillates - Naphtha	831 ppb	Y
" "	Zippo - refillable Butane lighters	53 units	UO	Butane	63 ppb	Y
" "	Zippo - fluid filled lighters	150 units	UO	-NOT FILLED	0 ppb	N
Desk area	Lysoi disinfectant	6 oz	U	ALKYL Dimethyl, Benzyl, Ammonium Sulfonate, ethanolic	9 ppb	N
" "	seated candles 2" x 1" High	1 unit	U	unknown	3 ppb	U
" "	glass cleaner	750 ml	U	NA (refillable bottle)	1156 ppb	Y
" "	Bath & Body works - anti Bacterio gel	2 fl oz	U	unknown	0	N
" "	Kutol - suni gel	4 fl oz	U	water, ethyl alcohol, triethanolamine	1101 ppb	Y
" "	Bic - white out plus	20 ml	U	unknown	0	N
" "	Throwaway cameras	150 units	UO	unknown	0-17 ppb	Y

\* 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.

**ATTACHMENT 2**

**PHOTOGRAPHIC LOG**

# SENECA MARKET BUILDING

## Photographic Log



Photo 1: Photograph looking east towards bar in Seneca Harbor Wine Center.



Photo 2: Photograph looking west towards North Franklin Street in Seneca Harbor Wine Center.

# SENECA MARKET BUILDING

## Photographic Log



Photo 3: Photograph looking south to bathroom in Seneca Harbor Wine Center.



# SENECA MARKET BUILDING

## Photographic Log



Photo 4: Photograph looking north into kitchen area of Seneca Harbor Wine Center.

# SENECA MARKET BUILDING

## Photographic Log



Photo 5: Photograph looking south in rear storage room of Seneca Harbor Wine Center.



Photo 6: Photograph looking north in rear storage room of Seneca Harbor Wine Center.



# SENECA MARKET BUILDING

## Photographic Log



Photo 7: Photograph looking north along western wall of Watkins Glen International.



Photo 8: Photograph looking at northeast corner of Watkins Glen International.

# SENECA MARKET BUILDING

## Photographic Log



Photo 9: Photograph looking south along western wall of Watkins Glen International.



Photo 10: Photograph looking south along eastern wall in Watkins Glen International.



# SENECA MARKET BUILDING

## Photographic Log



Photo 11: Photograph looking west into storage room of Watkins Glen International.

## SENECA MARKET BUILDING

### Photographic Log



Photo 12: Photograph of vinyl pillows (0-37 ppb).



Photo 13: Photograph of various clothing exhibits (0-42 ppb).



# SENECA MARKET BUILDING

## Photographic Log



Photo 14: Photograph of sharpie markers (0-36 ppb).



Photo 15: Photograph of various colored erasers (0-19 ppb).



## SENECA MARKET BUILDING

### Photographic Log

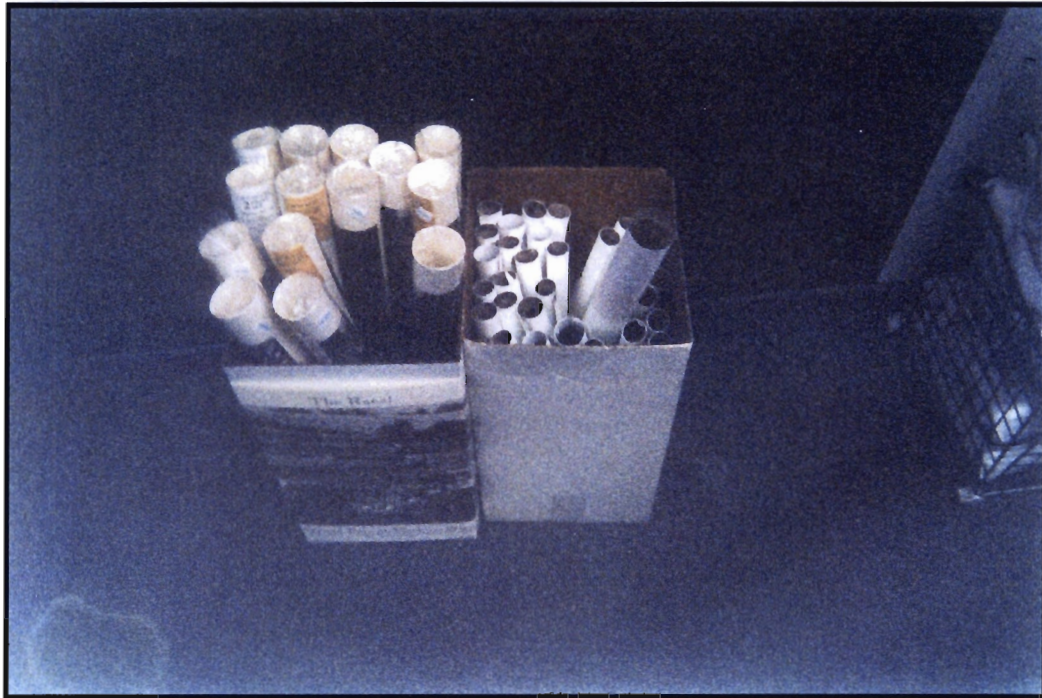


Photo 16: Photograph of various posters (0-26 ppb).



Photo 17: Photograph of Zippo butane and Zippo lighter fluid (125 and 831 ppb respectively).



## SENECA MARKET BUILDING Photographic Log



Photo 18: Photograph of filled butane lighters (63 ppb).

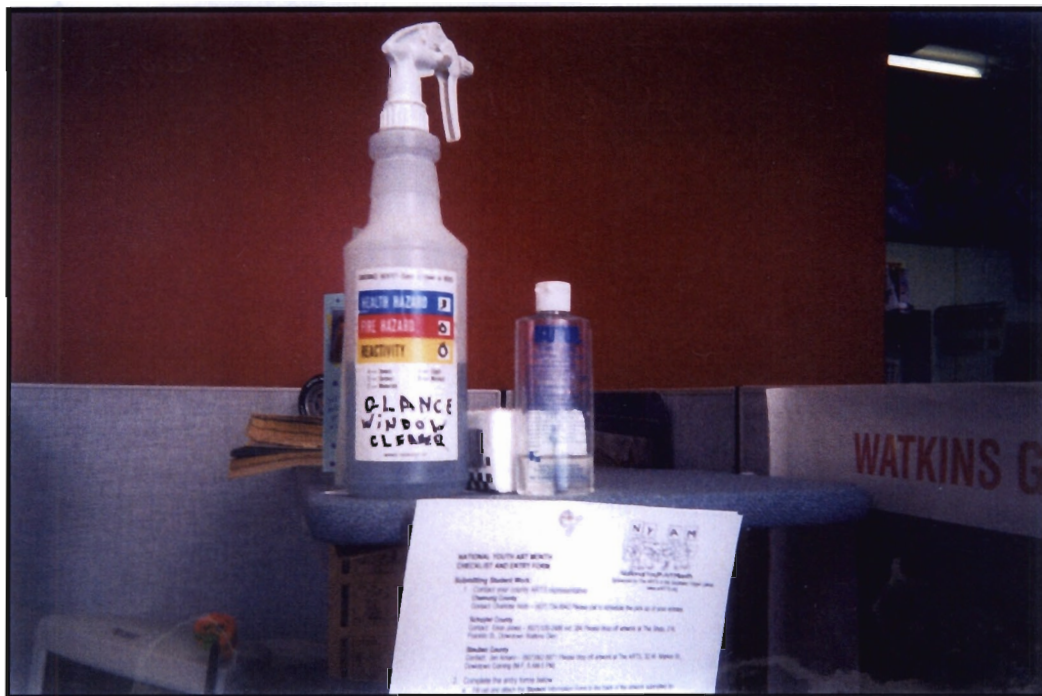


Photo 19: Photograph of window cleaner with 1,156 ppb reading and Kutol sanitary gel (1,101 ppb).

# SENECA MARKET BUILDING

## Photographic Log



Photo 20: Photograph of throw away cameras (0-17 ppb).



Photo 21: Photograph looking south of H-001-IA-1 and 20050322-FD-1 location.



# SENECA MARKET BUILDING

## Photographic Log



Photo 22: Photograph of H-001-SS-1 location.



Photo 23: Photograph of H-002-SS-1 and 20050322-FD-2 location.

# SENECA MARKET BUILDING

## Photographic Log



Photo 24: Photograph looking south of H-002-IA-1 location.



# SENECA MARKET BUILDING

## Photographic Log

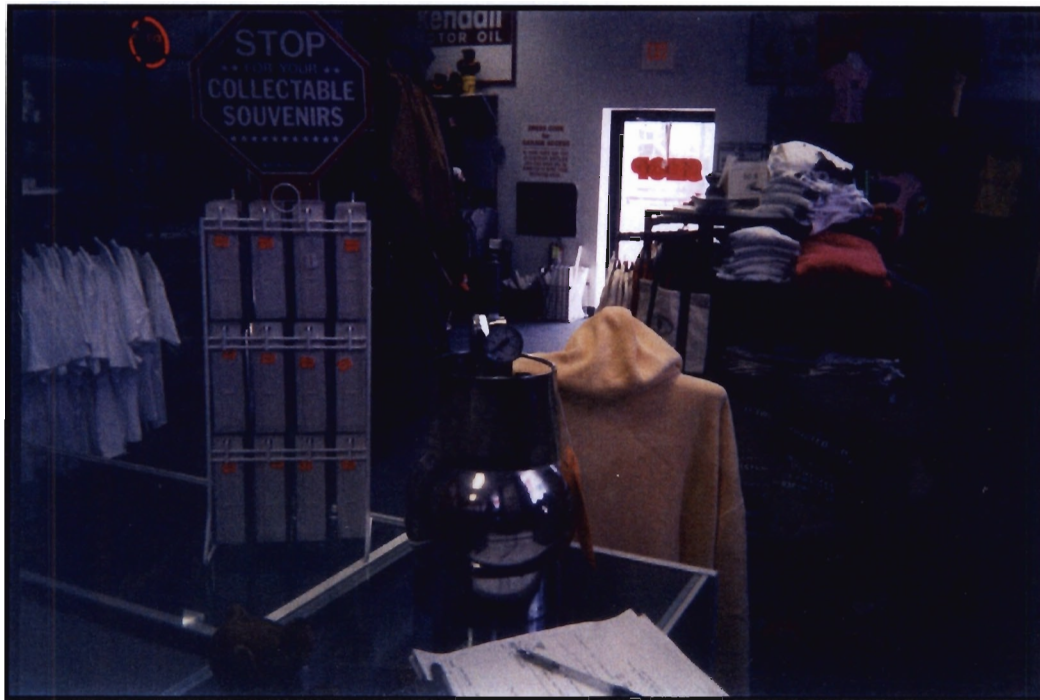
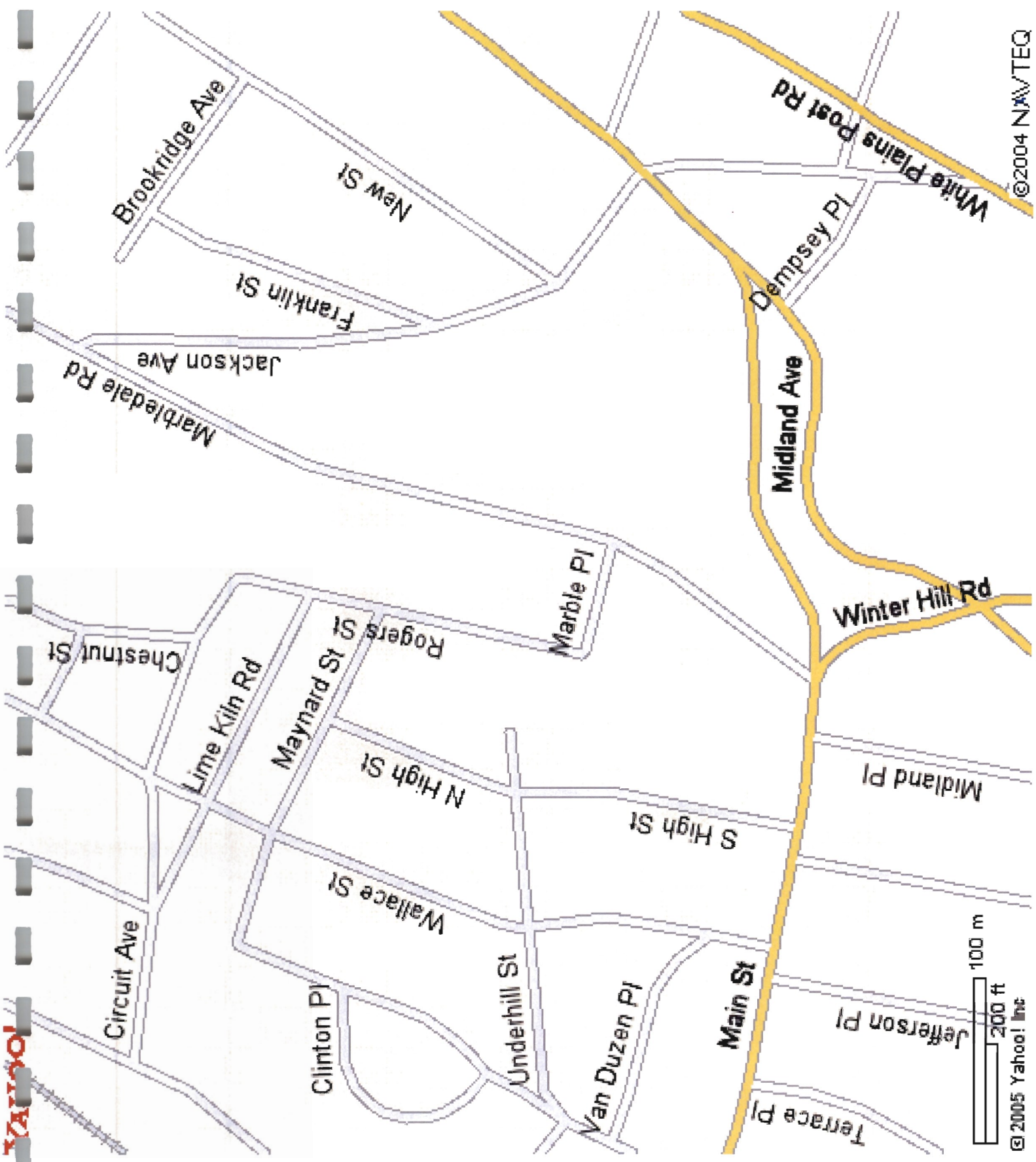


Photo 25: Photograph looking south of H-003-IA-1 location.



Photo 26: Photograph looking north of outdoor air sampler.







IMG\_3110



IMG\_3108



IMG\_3109



IMG\_3106



IMG\_3107



IMG\_3104



IMG\_3105





IMG\_3102



IMG\_3103

**ATTACHMENT 3**  
**SAMPLING LOGS**



## Summa Canister Sampling Field Data Sheet

Site: 2 NORTH FRANKLIN STREET

Samplers: Sum

Date: 3/22/05

Sample #	H-001-IA-1	20050322-FD1	H-001-SS-1		
Location	Seneca Harbor Front room 1st Floor	Seneca Harbor Front room 1st Floor Dup.	Seneca Harbor Front Room Sub 548B		
Summa Canister ID (Lab ID, if provided)	1411	2974	3368		
Additional Tubing Added	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much 36"	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	—	—	08:48		
Purge Time (Stop)	—	—	08:49		
Total Purge Time (min)	—	—	1 min		
Pressure Gauge - before sampling with	-30	0	-28		
Sample Time (Start)	08:46	08:47	08:49		
Sample Time (Stop)	16:40	1641	1641		
Total Sample Time (min)					
Pressure Gauge - after sampling	-6	0	-1		
Canister Pressure Went To Ambient Pressure?	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
General Comments: canister 2974 (20050322-FD-1) had 0 vacuum, let run intake just faster readings on gauge purge of H-001-SS-1 → 1 min purge, reading on purge air was 462ppb.					

## Summa Canister Sampling Field Data Sheet

Site: 2 NORTH FRANKLIN STREET

Samplers: SCM

Date: 3/22/05

Sample #	H-002-IA-1	H-002-SS-1	20050322-FD2	20050322-0A-1	H-003-IA-1
Location	Seneca Harbor Back room 1st Floor	Seneca Harbor Back room sub slab	Seneca Harbor Back room sub slab Dup.	OUTDOOR Air Sample	Watkins Glen Interactone 1st Floor
Summa Canister ID (Lab ID, if provided)	92071	04419	92074	1811	9461B
Additional Tubing Added	<del>NO</del> YES - How much	<del>NO</del> YES - How much 36"	<del>NO</del> YES - How much 36"	<del>NO</del> YES - How much	<del>NO</del> YES - How much
Purge Time (Start)	—	0850	0850	—	—
Purge Time (Stop)	—	0851	0851	—	—
Total Purge Time (min)	—	1 min	1 min	—	—
Pressure Gauge - before sampling in Hg	-29	-30	-30	-28	-30
Sample Time (Start)	0850	0851	0851	0858	0902
Sample Time (Stop)	1642	1643	1642	1645	1650
Total Sample Time (min)					
Pressure Gauge - after sampling	-5	-5	-5	-6	-6
Canister Pressure Went To Ambient Pressure?	YES/ <del>NO</del>	YES/ <del>NO</del>	YES/ <del>NO</del>	YES/ <del>NO</del>	YES/ <del>NO</del>
General Comments: PURGE OF H-002-SS-1 & 20050322-FD-2 → 1 Liter purge, READING on PURGE AIR WAS 674 ppb.					



**ATTACHMENT 4**

**LABORATORY REPORTING FORMS**  
**and**  
**CHAIN-OF-CUSTODY**

URS Corp/ NYSDEC  
Client Sample ID: H-001-IA-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 001      Work Order # G6WKD1AE      Matrix.....: AIR

Date Sampled...: 3/22/05      Date Received...: 3/23/05  
Prep Date.....: 3/25/05      Analysis Date...: 3/25/05  
Prep Batch #....: 5086056  
Dilution Factor.: 1.42      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.28	ND	1.3
Acetone	5.8	7.1	14      J B	17
Ethylbenzene	ND	0.28	ND	1.2
2-Hexanone	ND	0.71	ND	2.9
Methylene chloride	ND	0.71	ND	2.5
Benzene	0.14	0.28	0.44      J	0.91
Styrene	ND	0.28	ND	1.2
1,1,2,2-Tetrachloroethane	ND	0.28	ND	1.9
Tetrachloroethene	ND	0.28	ND	1.9
Toluene	0.41	0.28	1.5	1.1
1,1,1-Trichloroethane	ND	0.28	ND	1.5
1,1,2-Trichloroethane	ND	0.28	ND	1.5
Trichloroethene	ND	0.28	ND	1.5
Vinyl chloride	ND	0.28	ND	0.73
o-Xylene	ND	0.28	ND	1.2
m-Xylene & p-Xylene	ND	0.28	ND	1.2
Bromodichloromethane	ND	0.28	ND	1.9
2-Butanone (MEK)	0.46	0.71	1.3      J	2.1
4-Methyl-2-pentanone (MIBK)	ND	0.71	ND	2.9
Bromoform	ND	0.28	ND	2.9
Bromomethane	ND	0.28	ND	1.1
Carbon disulfide	ND	0.28	ND	0.88
Carbon tetrachloride	ND	0.28	ND	1.8
Chlorobenzene	ND	0.28	ND	1.3
Dibromochloromethane	ND	0.28	ND	2.4
Chloroethane	ND	0.28	ND	0.75
Chloroform	ND	0.28	ND	1.4
Chloromethane	0.68	0.71	1.4      J	1.5
1,1-Dichloroethane	ND	0.28	ND	1.1
1,2-Dichloroethane	ND	0.28	ND	1.1
1,1-Dichloroethene	ND	0.28	ND	1.1
cis-1,2-Dichloroethene	ND	0.28	ND	1.1
trans-1,2-Dichloroethene	ND	0.28	ND	1.1
1,2-Dichloropropane	ND	0.28	ND	1.3
cis-1,3-Dichloropropene	ND	0.28	ND	1.3

**URS Corp/ NYSDEC**  
**Client Sample ID: H-001-IA-1**  
**GC/MS Volatiles**

<b>Lot-Sample #</b> H5C240102 - 001	<b>Work Order #</b> G6WKD1AE	<b>Matrix.....:</b> AIR
<b>SURROGATE</b>	<b>PERCENT RECOVERY</b>	<b>LABORATORY CONTROL LIMITS (%)</b>
1,2-Dichloroethane-d4	99	70 - 130
Toluene-d8	96	70 - 130
4-Bromofluorobenzene	94	70 - 130

**Qualifiers**

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
 J Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

**URS Corp/ NYSDEC**  
**Client Sample ID: H-001-SS-1**  
**GC/MS Volatiles**

**Lot-Sample #** H5C240102 - 002      **Work Order #** G6WKF1AE      **Matrix.....:** AIR

**Date Sampled...:** 3/22/05      **Date Received...:** 3/23/05  
**Prep Date.....:** 3/25/05      **Analysis Date...:** 3/25/05  
**Prep Batch #.....:** 5086056  
**Dilution Factor.:** 1.48      **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.30	ND	1.3
Acetone	8.6	7.4	20 <b>B</b>	18
Ethylbenzene	ND	0.30	ND	1.3
2-Hexanone	ND	0.74	ND	3.0
Methylene chloride	ND	0.74	ND	2.6
Benzene	0.34	0.30	1.1	0.95
Styrene	ND	0.30	ND	1.3
1,1,2,2-Tetrachloroethane	ND	0.30	ND	2.0
Tetrachloroethene	0.13	0.30	0.89 <b>J</b>	2.0
Toluene	0.38	0.30	1.4	1.1
1,1,1-Trichloroethane	0.21	0.30	1.1 <b>J</b>	1.6
1,1,2-Trichloroethane	ND	0.30	ND	1.6
Trichloroethene	ND	0.30	ND	1.6
Vinyl chloride	ND	0.30	ND	0.76
o-Xylene	ND	0.30	ND	1.3
m-Xylene & p-Xylene	0.11	0.30	0.46 <b>J</b>	1.3
Bromodichloromethane	ND	0.30	ND	2.0
2-Butanone (MEK)	0.29	0.74	0.85 <b>J</b>	2.2
4-Methyl-2-pentanone (MIBK)	ND	0.74	ND	3.0
Bromoform	ND	0.30	ND	3.1
Bromomethane	ND	0.30	ND	1.1
Carbon disulfide	0.22	0.30	0.69 <b>J</b>	0.92
Carbon tetrachloride	ND	0.30	ND	1.9
Chlorobenzene	ND	0.30	ND	1.4
Dibromochloromethane	ND	0.30	ND	2.5
Chloroethane	ND	0.30	ND	0.78
Chloroform	ND	0.30	ND	1.4
Chloromethane	ND	0.74	ND	1.5
1,1-Dichloroethane	ND	0.30	ND	1.2
1,2-Dichloroethane	ND	0.30	ND	1.2
1,1-Dichloroethene	ND	0.30	ND	1.2
cis-1,2-Dichloroethene	ND	0.30	ND	1.2
trans-1,2-Dichloroethene	ND	0.30	ND	1.2
1,2-Dichloropropane	ND	0.30	ND	1.4
cis-1,3-Dichloropropene	ND	0.30	ND	1.3

URS Corp/ NYSDEC  
Client Sample ID: H-001-SS-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 002      Work Order # G6WKF1AE      Matrix.....: AIR

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	96	70 - 130
Toluene-d8	96	70 - 130
4-Bromofluorobenzene	95	70 - 130

Qualifiers

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

## URS Corp/ NYSDEC

Client Sample ID: H-002-IA-1

## GC/MS Volatiles

Lot-Sample # H5C240102 - 003

Work Order # G6WKG1AE

Matrix.....: AIR

Date Sampled...: 3/22/05

Date Received...: 3/23/05

Prep Date.....: 3/25/05

Analysis Date...: 3/26/05

Prep Batch #.....: 5086056

Dilution Factor.: 1.42

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.28	ND	1.3
Acetone	4.6	7.1	11 J B	17
Ethylbenzene	ND	0.28	ND	1.2
2-Hexanone	ND	0.71	ND	2.9
Methylene chloride	ND	0.71	ND	2.5
Benzene	0.12	0.28	0.38 J	0.91
Styrene	ND	0.28	ND	1.2
1,1,2,2-Tetrachloroethane	ND	0.28	ND	1.9
Tetrachloroethene	ND	0.28	ND	1.9
Toluene	0.20	0.28	0.75 J	1.1
1,1,1-Trichloroethane	ND	0.28	ND	1.5
1,1,2-Trichloroethane	ND	0.28	ND	1.5
Trichloroethene	ND	0.28	ND	1.5
Vinyl chloride	ND	0.28	ND	0.73
o-Xylene	ND	0.28	ND	1.2
m-Xylene & p-Xylene	ND	0.28	ND	1.2
Bromodichloromethane	ND	0.28	ND	1.9
2-Butanone (MEK)	0.30	0.71	0.89 J	2.1
4-Methyl-2-pentanone (MIBK)	ND	0.71	ND	2.9
Bromoform	ND	0.28	ND	2.9
Bromomethane	ND	0.28	ND	1.1
Carbon disulfide	ND	0.28	ND	0.88
Carbon tetrachloride	ND	0.28	ND	1.8
Chlorobenzene	ND	0.28	ND	1.3
Dibromochloromethane	ND	0.28	ND	2.4
Chloroethane	ND	0.28	ND	0.75
Chloroform	ND	0.28	ND	1.4
Chloromethane	0.84	0.71	1.7	1.5
1,1-Dichloroethane	ND	0.28	ND	1.1
1,2-Dichloroethane	ND	0.28	ND	1.1
1,1-Dichloroethene	ND	0.28	ND	1.1
cis-1,2-Dichloroethene	ND	0.28	ND	1.1
trans-1,2-Dichloroethene	ND	0.28	ND	1.1
1,2-Dichloropropane	ND	0.28	ND	1.3
cis-1,3-Dichloropropene	ND	0.28	ND	1.3

**URS Corp/ NYSDEC**  
**Client Sample ID: H-002-IA-1**  
**GC/MS Volatiles**

<b>Lot-Sample #</b> H5C240102 - 003	<b>Work Order #</b> G6WKG1AE	<b>Matrix.....:</b> AIR
<b>SURROGATE</b>	<b>PERCENT RECOVERY</b>	<b>LABORATORY CONTROL LIMITS (%)</b>
1,2-Dichloroethane-d4	99	70 - 130
Toluene-d8	100	70 - 130
4-Bromofluorobenzene	93	70 - 130

**Qualifiers**

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
 J Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

URS Corp/ NYSDEC  
Client Sample ID: H-002-SS-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 004      Work Order # G6WKH1AE      Matrix.....: AIR

Date Sampled....: 3/22/05      Date Received...: 3/23/05  
Prep Date.....: 3/25/05      Analysis Date...: 3/25/05  
Prep Batch #.....: 5086056  
Dilution Factor.: 14.1      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	2.8	ND	13
Acetone	10	70	24      J B	170
Ethylbenzene	ND	2.8	ND	12
2-Hexanone	ND	7.0	ND	29
Methylene chloride	ND	7.0	ND	24
Benzene	ND	2.8	ND	9.0
Styrene	ND	2.8	ND	12
1,1,2,2-Tetrachloroethane	ND	2.8	ND	19
Tetrachloroethene	200	2.8	1300	19
Toluene	ND	2.8	ND	11
1,1,1-Trichloroethane	ND	2.8	ND	15
1,1,2-Trichloroethane	ND	2.8	ND	15
Trichloroethene	ND	2.8	ND	15
Vinyl chloride	ND	2.8	ND	7.2
o-Xylene	ND	2.8	ND	12
m-Xylene & p-Xylene	ND	2.8	ND	12
Bromodichloromethane	ND	2.8	ND	19
2-Butanone (MEK)	ND	7.0	ND	21
4-Methyl-2-pentanone (MIBK)	ND	7.0	ND	29
Bromoform	ND	2.8	ND	29
Bromomethane	ND	2.8	ND	11
Carbon disulfide	ND	2.8	ND	8.8
Carbon tetrachloride	ND	2.8	ND	18
Chlorobenzene	ND	2.8	ND	13
Dibromochloromethane	ND	2.8	ND	24
Chloroethane	ND	2.8	ND	7.4
Chloroform	ND	2.8	ND	14
Chloromethane	ND	7.0	ND	15
1,1-Dichloroethane	ND	2.8	ND	11
1,2-Dichloroethane	ND	2.8	ND	11
1,1-Dichloroethene	ND	2.8	ND	11
cis-1,2-Dichloroethene	ND	2.8	ND	11
trans-1,2-Dichloroethene	ND	2.8	ND	11
1,2-Dichloropropane	ND	2.8	ND	13
cis-1,3-Dichloropropene	ND	2.8	ND	13



URS Corp/ NYSDEC  
Client Sample ID: H-002-SS-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 004      Work Order # G6WKH1AE      Matrix.....: AIR

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	97	70 - 130
Toluene-d8	97	70 - 130
4-Bromofluorobenzene	94	70 - 130

Qualifiers

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation:  $\text{Amount Found}(\text{before rounding}) * (\text{Molecular Weight}/24.45)$

The 'Reporting Limit' in ug/m3 is calculated using the following equation:  $(\text{Reporting Limit}(\text{before rounding}) * \text{Dilution Factor}) * (\text{Molecular Weight}/24.45)$

URS Corp/ NYSDEC  
Client Sample ID: H-003-IA-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 005      Work Order # G6WKK1AE      Matrix.....: AIR

Date Sampled...: 3/22/05      Date Received...: 3/23/05  
Prep Date.....: 3/25/05      Analysis Date...: 3/25/05  
Prep Batch #.....: 5086056  
Dilution Factor.: 1.43      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.29	ND	1.3
Acetone	8.6	7.2	20      B	17
Ethylbenzene	ND	0.29	ND	1.2
2-Hexanone	ND	0.72	ND	2.9
Methylene chloride	ND	0.72	ND	2.5
Benzene	0.31	0.29	1.00	0.91
Styrene	ND	0.29	ND	1.2
1,1,2,2-Tetrachloroethane	ND	0.29	ND	2.0
Tetrachloroethene	0.15	0.29	1.0      J	1.9
Toluene	0.52	0.29	1.9	1.1
1,1,1-Trichloroethane	ND	0.29	ND	1.6
1,1,2-Trichloroethane	ND	0.29	ND	1.6
Trichloroethene	ND	0.29	ND	1.5
Vinyl chloride	ND	0.29	ND	0.73
o-Xylene	ND	0.29	ND	1.2
m-Xylene & p-Xylene	0.14	0.29	0.61      J	1.2
Bromodichloromethane	ND	0.29	ND	1.9
2-Butanone (MEK)	0.34	0.72	1.0      J	2.1
4-Methyl-2-pentanone (MIBK)	ND	0.72	ND	2.9
Bromoform	ND	0.29	ND	3.0
Bromomethane	ND	0.29	ND	1.1
Carbon disulfide	ND	0.29	ND	0.89
Carbon tetrachloride	ND	0.29	ND	1.8
Chlorobenzene	ND	0.29	ND	1.3
Dibromochloromethane	ND	0.29	ND	2.4
Chloroethane	ND	0.29	ND	0.75
Chloroform	ND	0.29	ND	1.4
Chloromethane	0.72	0.72	1.5	1.5
1,1-Dichloroethane	ND	0.29	ND	1.2
1,2-Dichloroethane	ND	0.29	ND	1.2
1,1-Dichloroethene	ND	0.29	ND	1.1
cis-1,2-Dichloroethene	ND	0.29	ND	1.1
trans-1,2-Dichloroethene	ND	0.29	ND	1.1
1,2-Dichloropropane	ND	0.29	ND	1.3
cis-1,3-Dichloropropene	ND	0.29	ND	1.3

**URS Corp/ NYSDEC**  
**Client Sample ID: H-003-IA-1**  
**GC/MS Volatiles**

**Lot-Sample #** H5C240102 - 005      **Work Order #** G6WKK1AE      **Matrix.....:** AIR

<b>SURROGATE</b>	<b>PERCENT RECOVERY</b>	<b>LABORATORY CONTROL LIMITS (%)</b>
1,2-Dichloroethane-d4	96	70 - 130
Toluene-d8	94	70 - 130
4-Bromofluorobenzene	93	70 - 130

**Qualifiers**

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

URS Corp/ NYSDEC  
Client Sample ID: 20050322-FD-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 006      Work Order # G6WKL1AE      Matrix.....: AIR

Date Sampled...: 3/22/05      Date Received...: 3/23/05  
Prep Date.....: 3/25/05      Analysis Date...: 3/25/05  
Prep Batch #.....: 5086056  
Dilution Factor.: 1.42      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.28	ND	1.3
Acetone	4.8	7.1	11      J B	17
Ethylbenzene	ND	0.28	ND	1.2
2-Hexanone	ND	0.71	ND	2.9
Methylene chloride	ND	0.71	ND	2.5
Benzene	ND	0.28	ND	0.91
Styrene	ND	0.28	ND	1.2
1,1,2,2-Tetrachloroethane	ND	0.28	ND	1.9
Tetrachloroethene	ND	0.28	ND	1.9
Toluene	ND	0.28	ND	1.1
1,1,1-Trichloroethane	ND	0.28	ND	1.5
1,1,2-Trichloroethane	ND	0.28	ND	1.5
Trichloroethene	ND	0.28	ND	1.5
Vinyl chloride	ND	0.28	ND	0.73
o-Xylene	ND	0.28	ND	1.2
m-Xylene & p-Xylene	ND	0.28	ND	1.2
Bromodichloromethane	ND	0.28	ND	1.9
2-Butanone (MEK)	ND	0.71	ND	2.1
4-Methyl-2-pentanone (MIBK)	ND	0.71	ND	2.9
Bromoform	ND	0.28	ND	2.9
Bromomethane	ND	0.28	ND	1.1
Carbon disulfide	ND	0.28	ND	0.88
Carbon tetrachloride	ND	0.28	ND	1.8
Chlorobenzene	ND	0.28	ND	1.3
Dibromochloromethane	ND	0.28	ND	2.4
Chloroethane	ND	0.28	ND	0.75
Chloroform	ND	0.28	ND	1.4
Chloromethane	0.85	0.71	1.8	1.5
1,1-Dichloroethane	ND	0.28	ND	1.1
1,2-Dichloroethane	ND	0.28	ND	1.1
1,1-Dichloroethene	ND	0.28	ND	1.1
cis-1,2-Dichloroethene	ND	0.28	ND	1.1
trans-1,2-Dichloroethene	ND	0.28	ND	1.1
1,2-Dichloropropane	ND	0.28	ND	1.3
cis-1,3-Dichloropropene	ND	0.28	ND	1.3

**URS Corp/ NYSDEC**  
**Client Sample ID: 20050322-FD-1**  
**GC/MS Volatiles**

**Lot-Sample #** H5C240102 - 006      **Work Order #** G6WKL1AE      **Matrix.....:** AIR

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>LABORATORY CONTROL LIMITS (%)</u>
1,2-Dichloroethane-d4	99	70 - 130
Toluene-d8	98	70 - 130
4-Bromofluorobenzene	92	70 - 130

**Qualifiers**

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

**URS Corp/ NYSDEC**  
**Client Sample ID: 20050322-FD-2**  
**GC/MS Volatiles**

Lot-Sample # H5C240102 - 007

Work Order # G6WKN1AE

Matrix.....: AIR

Date Sampled...: 3/22/05

Date Received...: 3/23/05

Prep Date.....: 3/25/05

Analysis Date...: 3/25/05

Prep Batch #.....: 5086056

Dilution Factor.: 13.9

Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	2.8	ND	13
Acetone	10	70	24 J B	170
Ethylbenzene	ND	2.8	ND	12
2-Hexanone	ND	7.0	ND	28
Methylene chloride	ND	7.0	ND	24
Benzene	ND	2.8	ND	8.9
Styrene	ND	2.8	ND	12
1,1,2,2-Tetrachloroethane	ND	2.8	ND	19
Tetrachloroethene	190	2.8	1300	19
Toluene	ND	2.8	ND	10
1,1,1-Trichloroethane	ND	2.8	ND	15
1,1,2-Trichloroethane	ND	2.8	ND	15
Trichloroethene	ND	2.8	ND	15
Vinyl chloride	ND	2.8	ND	7.1
o-Xylene	ND	2.8	ND	12
m-Xylene & p-Xylene	ND	2.8	ND	12
Bromodichloromethane	ND	2.8	ND	19
2-Butanone (MEK)	ND	7.0	ND	20
4-Methyl-2-pentanone (MIBK)	ND	7.0	ND	28
Bromoform	ND	2.8	ND	29
Bromomethane	ND	2.8	ND	11
Carbon disulfide	ND	2.8	ND	8.7
Carbon tetrachloride	ND	2.8	ND	17
Chlorobenzene	ND	2.8	ND	13
Dibromochloromethane	ND	2.8	ND	24
Chloroethane	ND	2.8	ND	7.3
Chloroform	ND	2.8	ND	14
Chloromethane	ND	7.0	ND	14
1,1-Dichloroethane	ND	2.8	ND	11
1,2-Dichloroethane	ND	2.8	ND	11
1,1-Dichloroethene	ND	2.8	ND	11
cis-1,2-Dichloroethene	ND	2.8	ND	11
trans-1,2-Dichloroethene	ND	2.8	ND	11
1,2-Dichloropropane	ND	2.8	ND	13
cis-1,3-Dichloropropene	ND	2.8	ND	13



**URS Corp/ NYSDEC**  
**Client Sample ID: 20050322-FD-2**  
**GC/MS Volatiles**

**Lot-Sample #** H5C240102 - 007      **Work Order #** G6WKN1AE      **Matrix.....:** AIR

<b>SURROGATE</b>	<b>PERCENT RECOVERY</b>	<b>LABORATORY CONTROL LIMITS (%)</b>
1,2-Dichloroethane-d4	98	70 - 130
Toluene-d8	97	70 - 130
4-Bromofluorobenzene	92	70 - 130

**Qualifiers**

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

URS Corp/ NYSDEC  
Client Sample ID: 20050322-OA-1  
GC/MS Volatiles

Lot-Sample # H5C240102 - 008      Work Order # G6WKP1AE      Matrix.....: AIR

Date Sampled...: 3/22/05      Date Received...: 3/23/05  
Prep Date.....: 3/25/05      Analysis Date...: 3/25/05  
Prep Batch #....: 5086056  
Dilution Factor.: 1.4      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	0.28	ND	1.3
Acetone	2.2	7.0	5.3      J B	17
Ethylbenzene	ND	0.28	ND	1.2
2-Hexanone	ND	0.70	ND	2.9
Methylene chloride	ND	0.70	ND	2.4
Benzene	ND	0.28	ND	0.89
Styrene	ND	0.28	ND	1.2
1,1,2,2-Tetrachloroethane	ND	0.28	ND	1.9
Tetrachloroethene	ND	0.28	ND	1.9
Toluene	ND	0.28	ND	1.1
1,1,1-Trichloroethane	ND	0.28	ND	1.5
1,1,2-Trichloroethane	ND	0.28	ND	1.5
Trichloroethene	ND	0.28	ND	1.5
Vinyl chloride	ND	0.28	ND	0.72
o-Xylene	ND	0.28	ND	1.2
m-Xylene & p-Xylene	ND	0.28	ND	1.2
Bromodichloromethane	ND	0.28	ND	1.9
2-Butanone (MEK)	ND	0.70	ND	2.1
4-Methyl-2-pentanone (MIBK)	ND	0.70	ND	2.9
Bromoform	ND	0.28	ND	2.9
Bromomethane	ND	0.28	ND	1.1
Carbon disulfide	ND	0.28	ND	0.87
Carbon tetrachloride	ND	0.28	ND	1.8
Chlorobenzene	ND	0.28	ND	1.3
Dibromochloromethane	ND	0.28	ND	2.4
Chloroethane	ND	0.28	ND	0.74
Chloroform	ND	0.28	ND	1.4
Chloromethane	0.65	0.70	1.3      J	1.4
1,1-Dichloroethane	ND	0.28	ND	1.1
1,2-Dichloroethane	ND	0.28	ND	1.1
1,1-Dichloroethene	ND	0.28	ND	1.1
cis-1,2-Dichloroethene	ND	0.28	ND	1.1
trans-1,2-Dichloroethene	ND	0.28	ND	1.1
1,2-Dichloropropane	ND	0.28	ND	1.3
cis-1,3-Dichloropropene	ND	0.28	ND	1.3

URS Corp/ NYSDEC  
 Client Sample ID: 20050322-OA-1  
 GC/MS Volatiles

Lot-Sample # H5C240102 - 008      Work Order # G6WKP1AE      Matrix.....: AIR

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	100	70 - 130
Toluene-d8	97	70 - 130
4-Bromofluorobenzene	92	70 - 130

Qualifiers

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
 J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

