DECEMBER 2005 SAMPLING EVENT
BIANNUAL LETTER REPORT
ACTIVE VENTING SYSTEM
OPERATION AND MAINTENANCE
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

FINAL

Prepared By:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203

URS

February 22, 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
Summary of Operation and Maintenance Activities: December 2005 Sampling Event
Biannual Letter Report

Dear Mr. Chiusano:

URS Corporation (URS) has completed the first of four scheduled visits to the above-referenced system to conduct biannual operation and maintenance (O&M). This work was performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Project Management Work Plan (PMWP)/Budget estimate (NYSDEC, May 2005).

The O&M consisted of performing system checks to ensure that the system is operating properly and to collect representative samples of the indoor air and the system's soil gas exhaust. The O&M activities were conducted by URS personnel on December 15, 2005. A photo log is included in Attachment 1. Documentation of the O&M activities is provided in the Field Notes, included in Attachment 2.

The former dry cleaners building containing the active venting system is currently vacant and schedule to be demolished by the new owner (The Krog Corporation). URS has been instructed by the Department in an e-mail dated December 21, 2005, to shut down the system and dismantle the fan. The system will be shut down during an upcoming indoor sampling event at the VFW Post, which is located adjacent to the former dry cleaners building.

Inspection

URS' inspection of the system revealed that it was running; however, it was expulsing soil gas at a rate of 420 feet per minute (ft/min), less than half of the usual rate of 930 ft/min. The reduced expulsion rate could be attributed to the ice accumulation observed within the exhaust pipe, and within the sampling ports of the system. The field technician did not have an extendable ladder to remove the ice buildup. The velocity of the exhaust was measured by inserting the probe of an air velocity meter (TSI Velocicheck Model 8330) into a sampling port located on the side of the exhaust stack. Field notes are included in Attachment 2.

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

Biannual Air Sampling

As part of the O&M, URS collected two air samples from the following locations:

- One ambient air 4-hour composite sample, collected in the back room of the site building (INDOOR-1205); and,
- One soil gas grab sample, collected from the venting system's exhaust stack (SOILGAS-1205).

These samples were collected using SUMMA canisters in accordance with the protocols outlined in Section 7.1.1 of the United States Environmental Protection Agency's (USEPA's) "SUMMA Canister Sampling" procedures (SOP#: 1704, 7/27/1995). The Summa canister sampling sheet and a copy of the chin of custody (COC) are provided in Attachment 3. The Summa canisters were sent under COC control to Severn Trent Laboratories (STL) in Knoxville, Tennessee (a New York State Department of Health [NYSDOH] approved laboratory) to be analyzed for volatile organic compound (VOC) using USEPA Method TO-15. The table below summarizes the analytical data. A copy of the laboratory report is included in Attachment 4.

Compound	Units	Sample I.D.		OSHA Permissible Exposure Level (1)	NYSDOH Indoor Air Criteria
		INDOOR-1205	SOILGAS-1205		
Acetone	$\mu g/m^3$	6.2 (estimated, method blank contamination)	21 (estimated, method blank contamination)	2,400,000	None Available
Benzene	$\mu g/m^3$	1.5	2.9 (Estimated)	31,947	None Available
Carbon Tetrachloride	$\mu g/m^3$	0.58 (Estimated)	Not Detected	62,920	None Available
Chloromethane	$\mu g/m^3$	1.1 (Estimated)	3.2 (Estimated)	206,503	None Available
1,1-Dichloroethene	$\mu g/m^3$	0.34 (Estimated)	Not Detected	None Available	None Available
cis-1,2-Dichloroethene	$\mu g/m^3$	0.33 (Estimated)	Not Detected	None Available	None Available
Ethylbenzene	$\mu g/m^3$	0.43 (Estimated)	Not Detected	435,000	None Available
Tetrachloroethene	$\mu g/m^3$	3.0	Not Detected	678,323.11	100(2)
Toluene	$\mu g/m^3$	2.8	Not Detected	753,620	None Available
Trichloroethene	$\mu g/m^3$	0.38 (Estimated)	Not Detected	None Available	5(2)
1,1,1-Trichloroethane	$\mu g/m^3$	2.5	Not Detected	1,900,000	100(2)
o-Xylene	$\mu g/m^3$	0.42 (Estimated)	Not Detected	435,000	None Available

Compound	Units	Sample I.D.		OSHA Permissible Exposure Level (1)	NYSDOH Indoor Air Criteria
		INDOOR-1205	SOILGAS-1205		
m&p-Xylene	$\mu g/m^3$	1.1	Not Detected	435,000	None Available
2-Butanone (MEK)	$\mu g/m^3$	0.95 (Estimated)	Not Detected	590,000	None Available

1 – Sources: 29 CFR 1910.1000 and 29 CFR 1910.1052

2 – Source: Guidance for Evaluating Soil Vapor Intrusion in the state of New York, NYSDOH (February 2005)

As shown in the table above, the concentration of VOCs detected in the indoor air sample are below the applicable OSHA criteria. The concentration of tetrachloroethene [3.0 micro grams per cubic meter ($\mu g/m^3$)] and 1,1,1-trichloroethane (2.5 $\mu g/m^3$) were detected below the NYSDOH indoor air criteria of 100 $\mu g/m^3$. The concentration of trichloroethene (0.38 $\mu g/m^3$) was detected below the NYSDOH indoor air criteria of 5.0 $\mu g/m^3$.

As previously stated, the former dry cleaners building containing the active venting system is currently vacant and schedule to be demolished by the new owner. The Department has instructed URS to shut down the system and dismantle the fan. Therefore, the December 2005 Sampling Event will the last biannual O&M sampling of the system.

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

Attachments

cc: File: 11174211 (C-1)

ATTACHMENT 1

PHOTO LOG

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
New York State Department of Environmental Conservation	20 N. Franklin St., Watkins Glen, New York	11174211.84000

Photo No.	Date:
1	12-15-05

Direction Photo Taken:

Southeast

Description:

West face (front) of site building (unoccupied).

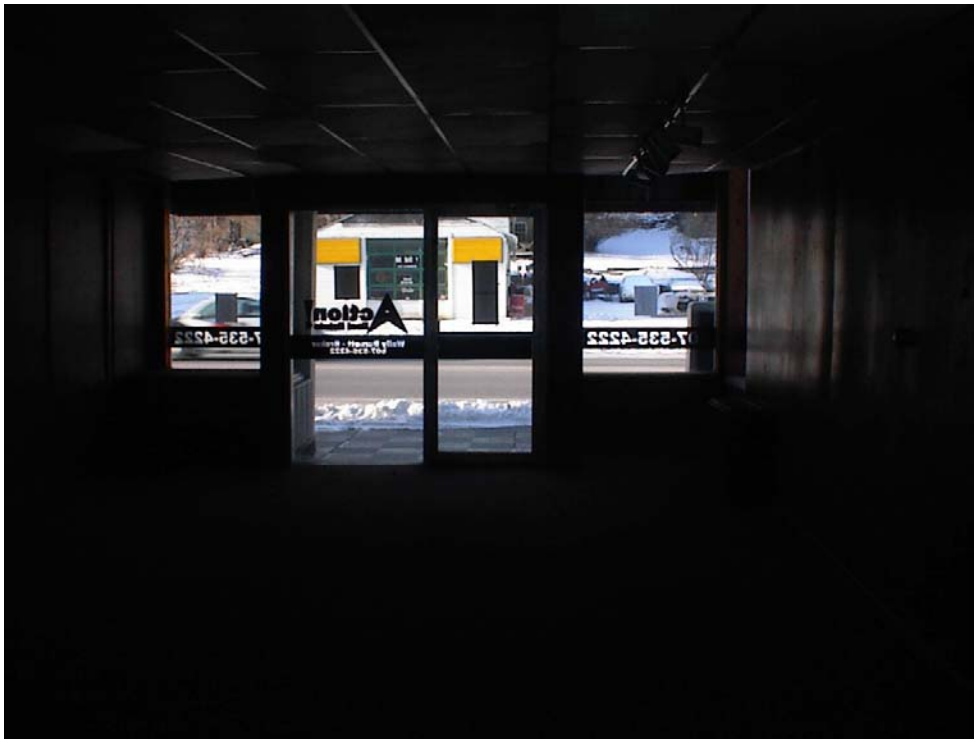
Photo No.	Date:
2	12-15-05

Direction Photo Taken:

West

Description:

Interior of site building (unoccupied).



PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
New York State Department of Environmental Conservation	20 N. Franklin St., Watkins Glen, New York	11174211.84000

Photo No.	Date:
3	12-15-05

Direction Photo Taken:

Southeast

Description:

Six (6) liter SUMMA canister in rear of site building, collecting indoor air sample "INDOOR-1205".

Photo No.	Date:
4	12-15-05

Direction Photo Taken:

West

Description:

Exhaust stack of SVE system, along north face of site building. Note ice build-up along west face of exhaust motor.

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
New York State Department of Environmental Conservation	20 N. Franklin St., Watkins Glen, New York	11174211.84000

Photo No.	Date:
5	12-15-05

Direction Photo Taken:

North

Description:

Exhaust tip of SVE system. Note ice accumulation in opening.

ATTACHMENT 2

FIELD NOTES

~~START~~ DECEMBER 2005 BI-ANNUAL SVE O+M

START DECEMBER BI-ANNUAL SVE O+M

~~09:00~~

09:00 - K. MC GOVERN ON-SITE. BUILDING AT 20 N. FRANKLIN ST. UNOCCUPIED.

SVE SYSTEM RUNNING; HOWEVER, SYSTEM EXPULSING SOIL-GAS AT A RATE OF 420 FT/MIN. NORMAL EXPULSION RATE IS ± 930 FT/MIN. THE 50% REDUCTION IN EXPULSION RATE IS MOST LIKELY DUE TO THE NOTICABLE ICE ACCUMULATION WITHIN THE SYSTEM'S ~~PVC~~ SCH 40 PVC PIPING.

09:20 - BEGAN INDOOR AIR ~~COMPOSITE~~ COMPOSITE SAMPLING VIA A 6L SUMMA CANISTER W/ 4-HOUR REGULATOR (INDOOR-1205). BEGAN SOIL GAS GRAB SAMPLING VIA A 6L SUMMA CANISTER & 2' TEFLON COATED POLY TUBING AGAINST SVE EXHAUST SAMPLING PORT. DETAILS IN SUMMA CANISTER SAMPLING FIELD DATA SHEET.

09:44 - FINISHED SAMPLING SOIL GAS (SOILGAS-1205).

10:35 - CALLED S. MCCABE IN BUFFALO RE REDUCED EXPULSION ~~RATE~~ RATE CONVEYED TO SCOTT THAT REDUCTION IS DUE TO ICE BUILDUP IN SCH 40 PVC PIPE, AND THAT ICE COULD NOT BE ~~MELTED~~ MELTED VIA TORCHES DUE TO PVC CONSTRUCTION OF SYSTEM. IN ADDITION, ACCORDING TO MCCABE'S ~~RECENT~~ RECENT CONVERSATION W/ LANDLORD (KROG), THE ~~BLDG~~ BUILDING IS SLATED TO BE DEMOLISHED WITHIN ~~THE~~ THE NEXT FEW MONTHS, TAKING THE EXPOSED PORTION OF THE SVE SYSTEM (~~MOTOR~~ MOTOR, ~~SAMPLING~~ SAMPLING PORTS) WITH IT. DETERMINED THAT ICE BUILDUP/REDUCED EXPULSION RATE NOT ~~SIGNIFICANT~~ SIGNIFICANT DUE TO UPCOMING BUILDING DEMOLITION.

13:20 - FINISHED INDOOR AIR COMPOSITE SAMPLING (4-HR COMPOSITE). LOADED SUMMA CANISTERS FOR SHIPMENT TO LAB.

13:40 - KJM OFF SITE.

Continued on Page

Read and Understood By

Signed _____ Date 12/15/05 Signed _____ Date

ATTACHMENT 3

CHAIN OF CUSTODY/
SAMPLING DATA SHEET

Summa Canister Sampling Field Data Sheet

Site:	NYSDEC - 20 N. Franklin Site, Watkins Glen, NY
Samplers:	Kevin J. McGovern
Date:	12/15/05

Sample #	INDOOR-1205	SOILGAS-1205			
Location	Indoors	Gas Exhaust			
Summa Canister ID (Lab ID, if provided)	2989	0156			
Additional Tubing Added	NO/ YES - How much	NO/ YES - How much 2'	NO/ YES - How much	NO/ YES - How much	NO/ YES - How much
Purge Time (Start)	NA	09:05			
Purge Time (Stop)	"	09:40			
Total Purge Time (min) [recommended time is 20 min for 1L canister]	NA	35			
Pressure Gauge - before sampling	-29" Hg	-29" Hg			
Sample Time (Start)	09:20	09:41			
Sample Time (Stop)	13:20	09:44			
Total Sample Time (min)	240	3.0			
Pressure Gauge - after sampling	-2" Hg	-1" Hg			
Canister Pressure Went To Ambient Pressure?	YES / (NO)	YES / (NO)	YES / NO	YES / NO	YES / NO
General Comments:					

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11174211.99998

SITE NAME NYSDEC N. FRANKLIN ST.

SAMPLERS (PRINT/SIGNATURE) KEVIN J. McGOUGAN

LAB STL - KNOXVILLE

COOLER ___ of 1

PAGE 1 of 1

DELIVERY SERVICE: FED EX AIRBILL NO.: 7902 5195 0598

TESTS: TCL VOCs VIA TO-15

BOTTLE TYPE AND PRESERVATIVE: 6L SUMMA CANISTER

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# O CONTAINERS	6L SUMMA CANISTER	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
INDOOR	12/15/05	13:20	COMP	INDOOR-1205	AA	1	X	STD TAT	NI			
OUTDOOR	〃	09:44	GRAB	SOIL GAS-1205	GS	1	X	〃 〃	〃			

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
	12/15/05	16:00			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS: SEND REPORT/INVOICE TO:
ATTN: ANN-MARIE KROPOVITCH
CONPONATION
77 GOODELL ST.
BUFFALO, NY 14203
(716) 856-5636

REPORT RESULTS IN ug/m3

Distribution: Original accompanies shipment, copy to coordinator field files

ATTACHMENT 4

LABORATORY REPORT

SEVERN TRENT STL

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921

Tel: 865 291 3000 Fax: 865 584 4315
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. 11174211.99998

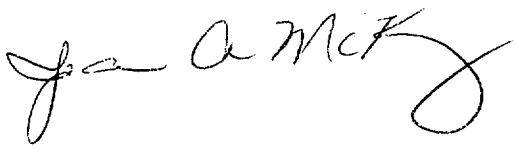
North Franklin St.

Lot #: H5L160134

Ann Marie Kropovitch

URS Corp/ NYSDEC
640 Ellicott St.
Buffalo, NY 14203-

SEVERN TRENT LABORATORIES, INC.



Jamie A. McKinney
Project Manager

December 27, 2005

ANALYTICAL METHODS SUMMARY

H5L160134

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H5L160134

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HR81H	001	INDOOR-1205	12/15/05	13:20
HR81J	002	SOIL GAS-1205	12/15/05	09:44

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H5L160134

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Cert. #05-043-0, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Cert. #PH-0223, Florida DOH Cert. #E87177, Georgia DNR Cert. #906 (SDWA, expires 6/24/05), Hawaii DOH, Illinois EPA Cert. #000687, Indiana DOH Cert. #C-TN-02, Iowa DNR Cert. #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab ID #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH Cert. #LA030024, Maryland DHMH Cert. #277, Massachusetts DEP Cert. #M-TN009, Michigan DEQ Lab ID #9933, New Jersey DEP Cert. #TN001, New York DOH Lab #10781, North Carolina DPH Lab ID #21705, North Carolina DEHNR Cert. #64, Ohio EPA VAP Cert. #CL0059, Oklahoma DEQ ID #9415, Pennsylvania DEP Cert. #68-00576, South Carolina DHEC Lab ID #84001001, Tennessee DOH Lab ID #02014, Utah DOH Cert. # QUAN3, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, West Virginia DEP Cert. #345, Wisconsin DNR Lab ID #998044300, US Army Corps of Engineers, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

Sample Data Summary

URS Corp/ NYSDEC

Client Sample ID: INDOOR-1205

GC/MS Volatiles

Lot-Sample # H5L160134 - 001 **Work Order #** HR81H1AC **Matrix.....:** AIR

Date Sampled...: 12/15/05
Prep Date.....: 12/19/05
Prep Batch #.....: 5354412
Dilution Factor.: 1.12

Date Received..: 12/16/05
Analysis Date... 12/20/05

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	0.22	ND		1.0
Acetone	**2.6**	**5.6**	**6.2**	**J B**	**13**
Ethylbenzene	**0.098**	**0.22**	**0.43**	**J**	**0.97**
2-Hexanone	ND	0.56	ND		2.3
Methylene chloride	ND	0.56	ND		1.9
Benzene	**0.46**	**0.22**	**1.5**		**0.72**
Styrene	ND	0.22	ND		0.95
1,1,2,2-Tetrachloroethane	ND	0.22	ND		1.5
Tetrachloroethene	**0.44**	**0.22**	**3.0**		**1.5**
Toluene	**0.74**	**0.22**	**2.8**		**0.84**
1,1,1-Trichloroethane	**0.46**	**0.22**	**2.5**		**1.2**
1,1,2-Trichloroethane	ND	0.22	ND		1.2
Trichloroethene	**0.071**	**0.22**	**0.38**	**J**	**1.2**
Vinyl chloride	ND	0.22	ND		0.57
o-Xylene	**0.096**	**0.22**	**0.42**	**J**	**0.97**
m-Xylene & p-Xylene	**0.25**	**0.22**	**1.1**		**0.97**
Bromodichloromethane	ND	0.22	ND		1.5
2-Butanone (MEK)	**0.32**	**0.56**	**0.95**	**J**	**1.7**
4-Methyl-2-pentanone (MIBK)	ND	0.56	ND		2.3
Bromoform	ND	0.22	ND		2.3
Bromomethane	ND	0.22	ND		0.87
Carbon disulfide	ND	0.22	ND		0.70
Carbon tetrachloride	**0.092**	**0.22**	**0.58**	**J**	**1.4**
Chlorobenzene	ND	0.22	ND		1.0
Dibromochloromethane	ND	0.22	ND		1.9
Chloroethane	ND	0.22	ND		0.59
Chloroform	ND	0.22	ND		1.1
Chloromethane	**0.53**	**0.56**	**1.1**	**J**	**1.2**
1,1-Dichloroethane	ND	0.22	ND		0.91
1,2-Dichloroethane	ND	0.22	ND		0.91
1,1-Dichloroethene	**0.086**	**0.22**	**0.34**	**J**	**0.89**
cis-1,2-Dichloroethene	**0.084**	**0.22**	**0.33**	**J**	**0.89**
trans-1,2-Dichloroethene	ND	0.22	ND		0.89
1,2-Dichloropropane	ND	0.22	ND		1.0
cis-1,3-Dichloropropene	ND	0.22	ND		1.0

URS Corp/ NYSDEC

Client Sample ID: INDOOR-1205

GC/MS Volatiles

Lot-Sample # H5L160134 - 001 **Work Order #** HR81H1AC **Matrix.....:** AIR

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	100	70 - 130
Toluene-d8	102	70 - 130
4-Bromofluorobenzene	97	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: SOIL GAS-1205

GC/MS Volatiles

Lot-Sample # H5L160134 - 002 **Work Order #** HR81J1AD **Matrix.....:** AIR

Date Sampled...: 12/15/05
Prep Date.....: 12/19/05
Prep Batch #.....: 5354412
Dilution Factor.: 10

Date Received..: 12/16/05
Analysis Date... 12/20/05

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	2.0	ND		9.1
Acetone	**9.0**	**50**	**21**	**J B**	**120**
Ethylbenzene	ND	2.0	ND		8.7
2-Hexanone	ND	5.0	ND		20
Methylene chloride	ND	5.0	ND		17
Benzene	**0.92**	**2.0**	**2.9**	**J**	**6.4**
Styrene	ND	2.0	ND		8.5
1,1,2,2-Tetrachloroethane	ND	2.0	ND		14
Tetrachloroethene	ND	2.0	ND		14
Toluene	ND	2.0	ND		7.5
1,1,1-Trichloroethane	ND	2.0	ND		11
1,1,2-Trichloroethane	ND	2.0	ND		11
Trichloroethene	ND	2.0	ND		11
Vinyl chloride	ND	2.0	ND		5.1
o-Xylene	ND	2.0	ND		8.7
m-Xylene & p-Xylene	ND	2.0	ND		8.7
Bromodichloromethane	ND	2.0	ND		13
2-Butanone (MEK)	ND	5.0	ND		15
4-Methyl-2-pentanone (MIBK)	ND	5.0	ND		20
Bromoform	ND	2.0	ND		21
Bromomethane	ND	2.0	ND		7.8
Carbon disulfide	ND	2.0	ND		6.2
Carbon tetrachloride	ND	2.0	ND		13
Chlorobenzene	ND	2.0	ND		9.2
Dibromochloromethane	ND	2.0	ND		17
Chloroethane	ND	2.0	ND		5.3
Chloroform	ND	2.0	ND		9.8
Chloromethane	**1.5**	**5.0**	**3.2**	**J**	**10**
1,1-Dichloroethane	ND	2.0	ND		8.1
1,2-Dichloroethane	ND	2.0	ND		8.1
1,1-Dichloroethene	ND	2.0	ND		7.9
cis-1,2-Dichloroethene	ND	2.0	ND		7.9
trans-1,2-Dichloroethene	ND	2.0	ND		7.9
1,2-Dichloropropane	ND	2.0	ND		9.2
cis-1,3-Dichloropropene	ND	2.0	ND		9.1

URS Corp/ NYSDEC

Client Sample ID: SOIL GAS-1205

GC/MS Volatiles

Lot-Sample # H5L160134 - 002 **Work Order #** HR81J1AD **Matrix.....:** AIR

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	98	70 - 130
Toluene-d8	98	70 - 130
4-Bromofluorobenzene	96	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: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H5L200000 - 412B **Work Order #** HTGRH1AA **Matrix.....:** AIR

Prep Date.....: 12/19/05
Prep Batch #.....: 5354412
Dilution Factor.: 1

Date Received..: 12/16/05
Analysis Date... 12/19/05

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	0.20	ND		0.91
Acetone	**0.24**	**5.0**	**0.57**	**J**	**12**
Ethylbenzene	ND	0.20	ND		0.87
2-Hexanone	ND	0.50	ND		2.0
Methylene chloride	ND	0.50	ND		1.7
Benzene	ND	0.20	ND		0.64
Styrene	ND	0.20	ND		0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND		1.4
Tetrachloroethene	ND	0.20	ND		1.4
Toluene	ND	0.20	ND		0.75
1,1,1-Trichloroethane	ND	0.20	ND		1.1
1,1,2-Trichloroethane	ND	0.20	ND		1.1
Trichloroethene	ND	0.20	ND		1.1
Vinyl chloride	ND	0.20	ND		0.51
o-Xylene	ND	0.20	ND		0.87
m-Xylene & p-Xylene	ND	0.20	ND		0.87
Bromodichloromethane	ND	0.20	ND		1.3
2-Butanone (MEK)	ND	0.50	ND		1.5
4-Methyl-2-pentanone (MIBK)	ND	0.50	ND		2.0
Bromoform	ND	0.20	ND		2.1
Bromomethane	ND	0.20	ND		0.78
Carbon disulfide	ND	0.20	ND		0.62
Carbon tetrachloride	ND	0.20	ND		1.3
Chlorobenzene	ND	0.20	ND		0.92
Dibromochloromethane	ND	0.20	ND		1.7
Chloroethane	ND	0.20	ND		0.53
Chloroform	ND	0.20	ND		0.98
Chloromethane	ND	0.50	ND		1.0
1,1-Dichloroethane	ND	0.20	ND		0.81
1,2-Dichloroethane	ND	0.20	ND		0.81
1,1-Dichloroethene	ND	0.20	ND		0.79
cis-1,2-Dichloroethene	ND	0.20	ND		0.79
trans-1,2-Dichloroethene	ND	0.20	ND		0.79
1,2-Dichloropropane	ND	0.20	ND		0.92
cis-1,3-Dichloropropene	ND	0.20	ND		0.91

URS Corp/ NYSDEC

Client Sample ID: INTRA-LAB BLANK

GC/MS Volatiles

Lot-Sample # H5L200000 - 412B **Work Order #** HTGRH1AA **Matrix.....:** AIR

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	101	70 - 130
Toluene-d8	101	70 - 130
4-Bromofluorobenzene	99	70 - 130

Qualifiers

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: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H5L200000 - 412C **Work Order #** HTGRH1AC **Matrix.....:** AIR

Prep Date.....: 12/19/05
Prep Batch #.....: 5354412
Dilution Factor.: 1

Date Received..: 12/16/05
Analysis Date... 12/19/05

Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzene	10.0	7.65	32	24	76	70 - 130
Toluene	10.0	8.02	38	30	80	70 - 130
Trichloroethene	10.0	7.86	54	42	79	70 - 130
Chlorobenzene	10.0	8.04	46	37	80	70 - 130
1,1-Dichloroethene	10.0	8.86	40	35	89	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
1,2-Dichloroethane-d4	101	70 - 130
Toluene-d8	101	70 - 130
4-Bromofluorobenzene	99	70 - 130

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)