



EA Engineering, Science, and Technology, Inc.

Airport Professional Park  
2350 Post Road  
Warwick, Rhode Island 02886  
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16 May 2008

Mr. Joseph T. Martella II, Senior Engineer  
RIDEM - Office of Waste Management  
Site Remediation Program  
235 Promenade Street  
Providence, Rhode Island 02908

RE: April 2008 Air Sampling Event Letter  
Adelaide Avenue School, 333 Adelaide Avenue, Providence, Rhode Island  
Case No. 2005-029  
EA Project No. 61965.01

Dear Mr. Martella:

On behalf of the Providence Department of Public Property (City), EA Engineering, Science, and Technology, Inc. (EA) is providing this correspondence as a follow-up to our 18 April correspondence and in response to data collected on 25 April 2008 at the referenced Adelaide Avenue School site (the Site), and in accordance with recent discussions and with your office and the Amended Order of Approval.

As described in a letter prepared by EA, dated 18 April 2008, and forwarded to RIDEM, Tetrachloroethylene (PCE) and Acetone were detected within indoor air samples collected on 27 March 2008 at concentrations that exceed the applicable Indoor Air Action Levels ( $5.0 \text{ ug/m}^3$  and  $180 \text{ ug/m}^3$ , respectively) for these compounds. These sample results were inconsistent with historical indoor air data collected at the Site since indoor air sampling commenced in March 2007. Furthermore, the comprehensive Site data collected on 27 March 2008, including sub-slab vapor data, sub-slab vacuum data, indoor air monitoring data, and sub-slab depressurization (SSD) system operational data did not suggest that soil vapor intrusion (SVI) was occurring at the Site. Despite the evidence that SVI was not occurring, EA (on behalf of the City) proactively initiated follow-up activities that included interviews with Site personnel (janitorial staff, school administrators, faculty, etc.), chemical analysis of two cleaning products used at the Site, and investigation into other cleaning supplies in use at the school that may be contributing to the elevated indoor air concentrations. In addition, a full round of additional air sampling was also completed on 25 April 2008 after various potential indoor sources (i.e., not related to SVI) of the elevated compounds were identified and taken out of use at the Site.

During the follow-up activities, EA learned that a new custodial staff was placed at the Site in February and had implemented more aggressive cleanup procedures relative to the previous custodial staff to keep the school clean and to remove graffiti in a timely manner upon discovery. During the cleaning product inventory, EA identified several cleaning products used routinely at the school since February that are assumed to have been responsible for the elevated indoor air concentrations of Acetone and PCE. Two of the products, Simoniz® Furniture Polish and Simoniz® Steel Polish, were submitted to a laboratory for chemical analysis and were found to contain Acetone, Trichloroethylene (TCE), and various other volatile organic compounds. Another Simoniz® product, Graffiti Remover, indicated PCE as a constituent on its label. The graffiti remover was not submitted to a laboratory due to its obvious content of PCE based upon the product packaging and the associated Material Safety Data Sheet (MSDS). EA requested and confiscated multiple containers of these cleaning products from the Site, and the City immediately communicated to the Site's custodial staff, to the school administration, and to the supervisor of the City's custodial subcontractor, Aramark, that these products are no longer to be used at the Site. Copies of the laboratory report associated with the analysis of the furniture polish and the stainless steel polish, as



well as MSDS sheets for each of the three products described above are included in Attachment A and B, respectively.

On 25 April 2008, EA performed a complete sampling event at the Site. Analytical results indicate no Indoor Air Action Level exceedences for the compounds identified in the cleaning products taken out of use at the Site. One compound, 1,2, 4-Trimethylbenzene, was detected within one indoor air sample (Gymnasium) at a concentration ( $11.7 \text{ ug/m}^3$ ) greater than the applicable Indoor Air Action Level ( $9.7 \text{ ug/m}^3$ ). 1,2,4-Trimethylbenzene is not a site-specific chemical of concern for this Site and is typically found in consumer products such as paints, paint thinners, and various types of flooring and wooden furniture. The most likely cause of the elevated concentration is touch-up painting performed in the gymnasium or some other maintenance activity. The combination of indoor air and sub-slab air data collected during the 25 April 2008 supports that the SSD System continues to operate effectively in accordance with design, and demonstrates that SVI is not occurring. Copies of the laboratory analytical reports are provided in Attachment C. Various figures and table summaries of the indoor, sub-slab, and outdoor ambient air sampling results are provided in Attachment D.

In conclusion, the sampling results and associated follow-up activities summarized herein substantiate that the elevated Acetone and PCE identified within indoor air at the Site during the March 2008 sampling event were the result of newly-introduced janitorial cleaning products, and not the result of SVI. The City has instructed the cleaning subcontractor (Aramark) and the Site custodial staff to cease use of the cleaning products determined to be responsible for the elevated compounds. Subsequent air sampling completed on 25 April 2008 indicated indoor Acetone and PCE concentrations at levels consistent with historical Site results, and no exceedences of applicable Action Levels with the exception of one compound (in one sample) known to be unrelated to historical sub-surface conditions and assumed to be related to indoor maintenance activities. The concentration of this compound within the school will be evaluated during the next sampling round scheduled to be completed before the end of May 2008. No SSD System modifications or other follow-up actions to address the March Indoor air Action Level exceedences are warranted or proposed at this time. Future Site sampling and monitoring activities will be completed in accordance with the Amended Order of Approval.

If you have any questions or require additional information, please contact me at 401-736-3440, Ext. 216.

Sincerely,

EA ENGINEERING, SCIENCE,  
AND TECHNOLOGY, INC.

Peter M. Grivers, P.E., LSP  
Project Manager

cc: A. Sepe, Providence Dept. of Public Property  
J. Boehnert, Partridge, Snow, & Hahn  
T. Gray, RIDEM Bureau of Env. Protection  
L. Hellested, RIDEM OWM  
R. Dorr, Neighborhood Resident  
Principal Torchon, Adelaide High School  
J. Pichardo, Senator  
M. Murphy, MacTec  
Knight Memorial Library Repository  
T. Deller, Prov. Redevelopment Agency  
J. Ryan, Partridge, Snow, & Hahn  
J. Langlois, RIDEM Legal Services  
K. Owens, RIDEM OWM  
S. Fischbach, RI Legal Services  
T. Slater, Representative  
D. Heislein, MacTec  
G. Simpson, Textron

## **Attachment A**

### **Laboratory Report – Cleaning Products**



## ANALYTICAL REPORT

Lab Number: L0805405

Client: EA Engineering, Science and Tech  
2350 Post Road  
Warwick, RI 02886

ATTN: Peter Grivers

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Report Date: 04/22/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** ADELAIDE HIGH SCHOOL  
**Project Number:** 6196501.1005

**Lab Number:** L0805405  
**Report Date:** 04/22/08

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>
L0805405-01	SIMONIZ - STEEL POLISH	PROVIDENCE, RI
L0805405-02	SIMONIZ - FURNITURE POLISH	PROVIDENCE, RI

**Project Name:** ADELAIDE HIGH SCHOOL  
**Project Number:** 6196501.1005

**Lab Number:** L0805405  
**Report Date:** 04/22/08

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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#### TO-15

L0805405-01, -02 and WG318872-4 have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the sample.

L0805405-01: 0.15g of the sample was placed inside a new glass vial and allowed to equilibrate for an hour. A 0.5 mL aliquot of headspace was removed from the vial and added to an evacuated canister. The canister was then pressurized to 2.0 atm.

L0805405-01 required re-analysis on a dilution in order to quantitate the sample within the calibration range. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the calibration range.

L0805405-02 and WG318872-4 results for Acetone should be considered estimated due to coelution with a non-target peak.

**Project Name:** ADELAIDE HIGH SCHOOL  
**Project Number:** 6196501.1005

**Lab Number:** L0805405  
**Report Date:** 04/22/08

### Case Narrative (continued)

L0805405-02 and WG318872-4: 0.23g of the sample was placed inside a new glass vial and allowed to equilibrate for an hour. A 0.5 mL aliquot of headspace was removed from the vial and added to an evacuated canister. The canister was then pressurized to 2.0 atm.

The WG318872-2 LCS recoveries for Benzene and Toluene are below the 70%-130% acceptance limit. The LCS was within overall method allowances; therefore, the analysis proceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 04/22/08

**AIR**

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0805405

Project Number: 6196501.1005

Report Date: 04/22/08

## SAMPLE RESULTS

Lab ID: L0805405-01  
 Client ID: SIMONIZ - STEEL POLISH  
 Sample Location: PROVIDENCE, RI  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/21/08 12:23  
 Analyst: HM

Date Collected: 04/17/08 00:00  
 Date Received: 04/17/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	80.1	ND	437		4006
1,1,1,2-Tetrachloroethane	ND	80.1	ND	550		4006
1,1,2,2-Tetrachloroethane	ND	80.1	ND	550		4006
1,1,2-Trichloroethane	ND	80.1	ND	437		4006
1,1-Dichloroethane	ND	80.1	ND	324		4006
1,1-Dichloroethene	ND	80.1	ND	317.		4006
1,2,4-Trimethylbenzene	ND	80.1	ND	394		4006
1,2-Dibromoethane	ND	80.1	ND	615		4006
1,2-Dichlorobenzene	ND	80.1	ND	481		4006
1,2-Dichloroethane	ND	80.1	ND	324		4006
1,2-Dichloropropane	ND	80.1	ND	370		4006
1,3,5-Trimethylbenzene	ND	80.1	ND	394		4006
1,3-Dichlorobenzene	ND	80.1	ND	481		4006
1,4-Dichlorobenzene	ND	80.1	ND	481		4006
Benzene	ND	280	ND	895		4006
Bromodichloromethane	ND	80.1	ND	536		4006
Bromoform	ND	80.1	ND	828		4006
Carbon tetrachloride	ND	80.1	ND	504		4006
Chlorobenzene	ND	80.1	ND	368		4006
Chloroethane	ND	80.1	ND	211		4006
Chloroform	ND	80.1	ND	391		4006
Chloromethane	ND	2000	ND	9770		4006
cis-1,2-Dichloroethene	ND	80.1	ND	317.		4006
cis-1,3-Dichloropropene	ND	80.1	ND	363		4006
Dibromochloromethane	ND	80.1	ND	385		4006

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0805405

Project Number: 6196501.1005

Report Date: 04/22/08

## SAMPLE RESULTS

Lab ID: L0805405-01

Date Collected: 04/17/08 00:00

Client ID: SIMONIZ - STEEL POLISH

Date Received: 04/17/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
Dichlorodifluoromethane	ND	200	ND	990		4006
Ethylbenzene	ND	80.1	ND	348		4006
Methylene chloride	ND	2000	ND	6950		4006
Methyl tert butyl ether	ND	80.1	ND	289		4006
p/m-Xylene	ND	160	ND	695		4006
o-Xylene	ND	80.1	ND	348		4006
Styrene	ND	80.1	ND	341		4006
Tetrachloroethene	ND	80.1	ND	543		4006
Toluene	125	80.1	472	302		4006
trans-1,2-Dichloroethene	ND	80.1	ND	317		4006
trans-1,3-Dichloropropene	ND	80.1	ND	363		4006
Trichloroethene	268	80.1	1440	430		4006
Trichlorofluoromethane	ND	200.	ND	1120		4006
Vinyl chloride	ND	80.1	ND	205		4006
Acrylonitrile	ND	2000	ND	4340		4006
n-Butylbenzene	ND	2000	ND	11000		4006
sec-Butylbenzene	ND	2000	ND	11000		4006
Isopropylbenzene	ND	2000	ND	9840		4006
p-Isopropyltoluene	ND	2000	ND	11000		4006
Acetone	>400600	8010	>951610	19000		4006
2-Butanone	ND	2000	ND	5900		4006
4-Methyl-2-pentanone	ND	2000	ND	8200		4006



**Project Name:** ADELAIDE HIGH SCHOOL**Lab Number:** L0805405**Project Number:** 6196501.1005**Report Date:** 04/22/08**SAMPLE RESULTS**

Lab ID: L0805405-01 R

Date Collected: 04/17/08 00:00

Client ID: SIMONIZ - STEEL POLISH

Date Received: 04/17/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil\_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/21/08 16:13

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Acetone	56800000	8040000	135000000	1910000		4019000

**Project Name:** ADELAIDE HIGH SCHOOL**Lab Number:** L0805405**Project Number:** 6196501.1005**Report Date:** 04/22/08**SAMPLE RESULTS**

Lab ID: L0805405-02

Date Collected: 04/17/08 00:00

Client ID: SIMONIZ - FURNITURE POLISH

Date Received: 04/17/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil\_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/21/08 13:00

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
1,1,1-Trichloroethane	ND	80.1	ND	437		4006
1,1,1,2-Tetrachloroethane	ND	80.1	ND	550		4006
1,1,2,2-Tetrachloroethane	ND	80.1	ND	550		4006
1,1,2-Trichloroethane	ND	80.1	ND	437		4006
1,1-Dichloroethane	ND	80.1	ND	324		4006
1,1-Dichloroethene	ND	80.1	ND	317		4006
1,2,4-Trimethylbenzene	ND	80.1	ND	394		4006
1,2-Dibromoethane	ND	80.1	ND	615.		4006
1,2-Dichlorobenzene	ND	80.1	ND	481		4006
1,2-Dichloroethane	ND	80.1	ND	324		4006
1,2-Dichloropropane	ND	80.1	ND	370		4006
1,3,5-Trimethylbenzene	ND	80.1	ND	394		4006
1,3-Dichlorobenzene	ND	80.1	ND	481		4006
1,4-Dichlorobenzene	ND	80.1	ND	481		4006
Benzene	693	280	2210	895		4006
Bromodichloromethane	ND	80.1	ND	536		4006
Bromoform	ND	80.1	ND	828		4006
Carbon tetrachloride	ND	80.1	ND	504		4006
Chlorobenzene	ND	80.1	ND	368		4006
Chloroethane	ND	80.1	ND	211		4006
Chloroform	ND	80.1	ND	391		4006
Chloromethane	ND	2000	ND	9770		4006
cis-1,2-Dichloroethene	ND	80.1	ND	317		4006
cis-1,3-Dichloropropene	ND	80.1	ND	363.		4006
Dibromochloromethane	ND	80.1	ND	385		4006



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0805405

Project Number: 6196501.1005

Report Date: 04/22/08

## SAMPLE RESULTS

Lab ID: L0805405-02

Date Collected: 04/17/08 00:00

Client ID: SIMONIZ - FURNITURE POLISH

Date Received: 04/17/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	ND	200	ND	990		4006
Ethylbenzene	ND	80.1	ND	348		4006
Methylene chloride	ND	2000	ND	6950		4006
Methyl tert butyl ether	ND	80.1	ND	289		4006
p/m-Xylene	ND	160	ND	695		4006
o-Xylene	ND	80.1	ND	348		4006
Styrene	ND	80.1	ND	341		4006
Tetrachloroethene	ND	80.1	ND	543		4006
Toluene	636	80.1	2400	302		4006
trans-1,2-Dichloroethene	ND	80.1	ND	317		4006
trans-1,3-Dichloropropene	ND	80.1	ND	363		4006
Trichloroethene	115	80.1	617	430		4006
Trichlorofluoromethane	ND	200	ND	1120		4006
Vinyl chloride	ND	80.1	ND	205.		4006
Acrylonitrile	ND	2000	ND	4340		4006
n-Butylbenzene	ND	2000	ND	11000		4006
sec-Butylbenzene	ND	2000	ND	11000		4006
Isopropylbenzene	ND	2000	ND	9840		4006
p-Isopropyltoluene	ND	2000	ND	11000		4006
Acetone	133000	8010	316000	19000		4006
2-Butanone	ND	2000	ND	5900		4006
4-Methyl-2-pentanone	ND	2000	ND	8200		4006

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0805405

Project Number: 6196501.1005

Report Date: 04/22/08

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/21/08 10:58

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-02 Batch: WG318872-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0805405

Project Number: 6196501.1005

Report Date: 04/22/08

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/21/08 10:58

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-02 Batch: WG318872-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** ADELAIDE HIGH SCHOOL

**Lab Number:** L0805405

**Project Number:** 6196501.1005

**Report Date:** 04/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 Batch: WG318872-2					
1,1,1-Trichloroethane	101	-	70-130	-	
1,1,1,2-Tetrachloroethane	83	-	70-130	-	
1,1,2,2-Tetrachloroethane	75	-	70-130	-	
1,1,2-Trichloroethane	81	-	70-130	-	
1,1-Dichloroethane	85	-	70-130	-	
1,1-Dichloroethene	98	-	70-130	-	
1,2,4-Trimethylbenzene	80	-	70-130	-	
1,2-Dibromoethane	76	-	70-130	-	
1,2-Dichlorobenzene	77	-	70-130	-	
1,2-Dichloroethane	87	-	70-130	-	
1,2-Dichloropropane	79	-	70-130	-	
1,3,5-Trimethylbenzene	78	-	70-130	-	
1,3-Butadiene	90	-	70-130	-	
1,3-Dichlorobenzene	74	-	70-130	-	
1,4-Dichlorobenzene	75	-	70-130	-	
Benzene	66	-	70-130	-	
Bromodichloromethane	89	-	70-130	-	
Bromoform	84	-	70-130	-	
Bromomethane	88	-	70-130	-	
Carbon tetrachloride	105	-	70-130	-	
Chlorobenzene	77	-	70-130	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** ADELAIDE HIGH SCHOOL

**Lab Number:** L0805405

**Project Number:** 6196501.1005

**Report Date:** 04/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 Batch: WG318872-2					
Chloroethane	88	-	70-130	-	
Chloroform	93	-	70-130	-	
Chloromethane	94	-	70-130	-	
cis-1,2-Dichloroethene	89	-	70-130	-	
cis-1,3-Dichloropropene	76	-	70-130	-	
Dibromochloromethane	85	-	70-130	-	
Dichlorodifluoromethane	104	-	70-130	-	
Ethylbenzene	71	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	94	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	95	-	70-130	-	
Methylene chloride	81	-	70-130	-	
Methyl tert butyl ether	72	-	70-130	-	
Naphthalene	98	-	70-130	-	
p/m-Xylene	73	-	70-130	-	
o-Xylene	73	-	70-130	-	
Styrene	71	-	70-130	-	
Tetrachloroethene	82	-	70-130	-	
Toluene	69	-	70-130	-	
trans-1,2-Dichloroethene	84	-	70-130	-	
trans-1,3-Dichloropropene	73	-	70-130	-	
Trichloroethene	90	-	70-130	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** ADELAIDE HIGH SCHOOL

**Lab Number:** L0805405

**Project Number:** 6196501.1005

**Report Date:** 04/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 Batch: WG318872-2					
1,2,4-Trichlorobenzene	99	-	70-130	-	
Trichlorofluoromethane	110	-	70-130	-	
Vinyl chloride	93	-	70-130	-	
Acrylonitrile	71	-	70-130	-	
n-Butylbenzene	87	-	70-130	-	
sec-Butylbenzene	78	-	70-130	-	
Isopropylbenzene	75	-	70-130	-	
p-Isopropyltoluene	80	-	70-130	-	
Acetone	70	-	70-130	-	
2-Butanone	71	-	70-130	-	
4-Methyl-2-pentanone	91	-	70-130	-	
Halothane	85	-	70-130	-	
1,2,3-Trichlorobenzene	102	-	70-130	-	

## Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0805405

Report Date: 04/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 QC Batch ID: WG318872-4 QC Sample: L0805405-02 Client ID: SIMONIZ - FURNITURE POLISH					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
Benzene	693	702	ppbV	1	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0805405

Report Date: 04/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 QC Batch ID: WG318872-4 QC Sample: L0805405-02 Client ID: SIMONIZ - FURNITURE POLISH					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	25
o-Xylene	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
Toluene	636	619	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	115	111	ppbV	4	25
Trichlorofluoromethane	ND	ND	ppbV	NC	25

**Lab Duplicate Analysis**  
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0805405

Report Date: 04/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 QC Batch ID: WG318872-4 QC Sample: L0805405-02 Client ID: SIMONIZ - FURNITURE POLISH					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
Acetone	133000	115000	ppbV	15	25
2-Butanone	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

**Project Name:** ADELAIDE HIGH SCHOOL**Lab Number:** L0805405**Project Number:** 6196501.1005**Report Date:** 04/22/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
N/A	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>pH</b>	<b>Temp</b>	<b>Pres</b>	<b>Seal</b>	<b>Analysis</b>
L0805405-01A	Other container unpreserved	NA	NA		NA	Absent	TO15-SIM
L0805405-02A	Other container unpreserved	NA	NA		NA	Absent	TO15-SIM

**Project Name:** ADELAIDE HIGH SCHOOL  
**Project Number:** 6196501.1005

**Lab Number:** L0805405  
**Report Date:** 04/22/08

## GLOSSARY

### Acronyms

- EPA - Environmental Protection Agency.  
 LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.  
 LCSD- Laboratory Control Sample Duplicate: Refer to LCS.  
 MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.  
 MSD - Matrix Spike Sample Duplicate: Refer to MS.  
 NA - Not Applicable.  
 NI - Not Ignitable.  
 NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.  
 ND - Not detected at the reported detection limit for the sample.  
 RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.  
 RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

### Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

### Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**Project Name:** ADELAIDE HIGH SCHOOL  
**Project Number:** 6196501.1005

**Lab Number:** L0805405  
**Report Date:** 04/22/08

## REFERENCES

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

## LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.





## **Attachment B**

### **MSDS Sheets – Cleaning Products**

# MATERIAL SAFETY DATA SHEET

<b>Simoniz USA Inc.</b>	REVISION DATE: 04/11/00
201 Boston Turnpike	DATE PRINTED: 12/14/06
Bolton, Connecticut 06043	PRODUCT NUMBER: S3346XXX
(860) 646-0172	CONTROL NUMBER: S3346XXX
For chemical emergency information regarding this product, call Chem-Tel at 1-800-255-3324 anytime.	

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Aerosol Graffiti & Stain Remover**  
 PRODUCT TYPE: Aerosol solvent/detergent

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PEL	PERCENT
Dichloromethane	75-09-2	25 ppm	Not Listed
Liquefied Petroleum Gas	68476-85-7	1000 ppm	
Toluene	108-88-3	50 ppm TLV	
Tetrachloroethylene	127-18-4	50 ppm TLV	
Nonylphenoxypolyethyleneoxyethanol	9016-45-9	No limits established	

## SECTION III - PHYSICAL DATA

APPEARANCE: Aerosol liquid, strong solvent odor.  
 BOILING POINT: NA  
 VAPOR DENSITY: Greater than 1.  
 PH: NA  
 VAPOR PRESSURE: 90 mm Hg  
 SPECIFIC GRAVITY: Less than 1.  
 SOLUBILITY IN WATER: Insoluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: Less than 73 degrees F.  
 EXTINGUISHING MEDIA: Water fog or fine spray. Carbon dioxide, Dry chemical, or Alcohol resistant foam.  
 SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: At temperatures greater than 130 degrees F., containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

## SECTION V - REACTIVITY DATA

STABILITY: Stable under normal conditions.  
 HAZARDOUS POLYMERIZATION: This product not known to polymerize.  
 INCOMPATIBILITY: Avoid strong oxidizers. Avoid aluminum, potassium, sodium or magnesium.  
 HAZARDOUS BYPRODUCTS: Hydrogen Chloride and/or phosgene gas.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: Inhalation, skin absorption, or ingestion.  
 LISTED CARCINOGEN: This product contains a chemical listed by the NTP and the IARC as a possible cancer causing agent. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

MEDICAL CONDITION AGGRAVATED: Cardiovascular disease.  
 INHALATION: Inhalation of significant amounts of this product can cause headaches, dizziness, confusion or nausea. Can also cause loss of consciousness or death. Use only in well ventilated areas.

INGESTION: Swallowing even small amounts may cause blindness or death. Other effects may be nausea, headache, vomiting and visual disturbances.  
 EYES: May cause severe eye irritation.  
 SKIN (DERMAL): This product may cause irritation or redness of the skin.

## SECTION VII FIRST AID

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
 SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well ventilated areas. If needed, use an OSHA approved respirator.  
 PROTECTIVE CLOTHING: Viton or Silver Shield gloves and chemical splash goggles.  
 ADDITIONAL MEASURES: Keep away from children. Do not remove or deface label.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.  
 WASTE DISPOSAL: As recommended by local, state and federal authorities.  
 HANDLING & STORAGE PRECAUTIONS: Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Consumer Commodity  
 ORMD  
 CONSTITUENT: N/A  
 HAZARD CLASS AND LABEL: None  
 ID NUMBER: N/A  
 PACKING GROUP: N/A  
 NFPA HEALTH: 2  
 NFPA FLAMMABILITY: 4  
 NFPA REACTIVITY: 0  
 NFPA OTHER: None

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe-read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it.

# MATERIAL SAFETY DATA SHEET

**Simoniz USA Inc.** REVISION DATE: 05/31/00  
 201 Boston Turnpike DATE PRINTED: 04/17/08  
 Bolton, Connecticut 06043 PRODUCT NUMBER: S3336XXX  
 (860) 646-0172 CONTROL NUMBER: S3336XXX

For chemical emergency information regarding this product, call Chem-Tel at 1-800-255-3924 anytime.

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Aerosol Stainless Steel Polish**  
 PRODUCT TYPE: Aerosol Metal Cleaner/Protector

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PEL	PERCENT
Isoparaffinic Solvent	64741-66-8	400 ppm	Not Listed
Odorless Mineral Spirits	64741-65-7	100 ppm TLV	
Light Mineral Oil	8042-47-5	5 mg/m3 (mist)	
Liquefied Petroleum Gas	68476-85-7	1000 ppm	
1-Methyl-2-Pyrrolidinone	872-50-4	100 ppm TLV	

## SECTION III - PHYSICAL DATA

APPEARANCE: Aerosol liquid, mild odor.  
 BOILING POINT: NA VAPOR PRESSURE: 60 psig @ 130 F  
 VAPOR DENSITY: Greater than 1. SPECIFIC GRAVITY: Less than 1.  
 PH: NA SOLUBILITY IN WATER: Insoluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: Less than 73 degrees F.  
 EXTINGUISHING MEDIA: Carbon dioxide, foam and/or dry chemical may be used.  
 SPECIAL FIRE FIGHTING PROCEDURES: Containers should be cooled with water to prevent vapor pressure build up. Protect personnel from bursting or rupturing containers.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: At temperatures greater than 130 degrees F., containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

## SECTION V - REACTIVITY DATA

STABILITY: Stable under normal conditions.  
 HAZARDOUS POLYMERIZATION: This product not known to polymerize.  
 INCOMPATIBILITY: Avoid strong oxidizers. Avoid heat, sparks or open flames.

HAZARDOUS BYPRODUCTS: Carbon monoxide, carbon dioxide.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: Inhalation, skin absorption, or ingestion.  
 LISTED CARCINOGEN: Not listed by IARC, NTP or OSHA.  
 MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.  
 INHALATION: Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.  
 INGESTION: Swallowing even small amounts may be harmful. Effects may be nausea, headache, vomiting and central nervous system depression.  
 EYES: May cause eye irritation.

SKIN (DERMAL): This product may cause irritation or redness of the skin.

## SECTION VII FIRST AID

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.

SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well ventilated areas. If needed, use an OSHA approved respirator.

PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.

ADDITIONAL MEASURES: Keep away from children. Do not remove or deface label.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: Avoid breathing vapors. Evacuate area until vapor is dispersed. Remove all ignition sources. Place leaking containers in a well ventilated area. Stop or reduce discharge if this can be done safely.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

HANDLING & STORAGE PRECAUTIONS: Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

NFPA HEALTH: 2

PROPER SHIPPING NAME: Consumer Commodity

ORM-D

CONSTITUENT: N/A

NFPA FLAMMABILITY: 4

HAZARD CLASS AND LABEL: None

NFPA REACTIVITY: 0

ID NUMBER: N/A

NFPA OTHER: None

PACKING GROUP: N/A

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it.

# MATERIAL SAFETY DATA SHEET

**Simoniz USA Inc.**

201 Boston Turnpike  
Bolton, Connecticut 06043  
(860) 646-0172

REVISION DATE: 05/19/00  
DATE PRINTED: 12/14/06

PRODUCT NUMBER: S3339XXX  
CONTROL NUMBER: S3339XXX

For chemical emergency information regarding this product, call Chem-Tel at 1-800-255-3924 anytime.

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Aerosol Furniture Polish**  
PRODUCT TYPE: Aerosol Furniture Polish

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PEL	PERCENT
Water	7732-18-5	No limits established	Not Listed
Polydimethylsiloxane Emulsion	Mixture	No limits established	
Liquefied Petroleum Gas	68476-85-7	1000 ppm	

## SECTION III - PHYSICAL DATA

APPEARANCE: Aerosol liquid, lemon scented.  
BOILING POINT: NA  
VAPOR DENSITY: Greater than 1.  
PH: NA  
VAPOR PRESSURE: 115 @ 130 degrees F.  
SPECIFIC GRAVITY: Less than 1.  
SOLUBILITY IN WATER: Appreciably soluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: Greater than 200 degrees F.  
EXTINGUISHING MEDIA: Water fog or fine spray. Carbon dioxide, Dry chemical, or Alcohol resistant foam.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: At temperatures greater than 130 degrees F., containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

## SECTION V - REACTIVITY DATA

STABILITY: Stable under normal conditions.  
HAZARDOUS POLYMERIZATION: This product not known to polymerize.  
INCOMPATIBILITY: Avoid strong oxidizers. Avoid heat, sparks or open flames.  
HAZARDOUS BYPRODUCTS: Carbon monoxide, carbon dioxide.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: Inhalation, skin absorption, or ingestion.  
LISTED CARCINOGEN: Not listed by IARC, NTP or OSHA.  
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.

INHALATION: Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.  
INGESTION: Ingestion is not a likely route of exposure. This product has low toxicity.

EYES: May cause eye irritation.  
SKIN (DERMAL): This product may cause irritation or redness of the skin.

## SECTION VII FIRST AID

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: Not usually needed. Vapors not normally harmful.  
PROTECTIVE CLOTHING: Special protection not usually needed. Wear chemical splash goggles to avoid contact with eyes.  
ADDITIONAL MEASURES: Keep away from children. Do not remove or deface label.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: Dike to prevent spillage into streams or sewer systems.  
Consult local, state and federal authorities.  
WASTE DISPOSAL: As recommended by local, state and federal authorities.  
HANDLING & STORAGE PRECAUTIONS: Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Consumer Commodity  
ORM-D  
NFPA HEALTH: 1  
NFPA FLAMMABILITY: 1  
NFPA REACTIVITY: 0  
NFPA OTHER: None  
CONSTITUENT: N/A  
HAZARD CLASS AND LABEL: None  
ID NUMBER: N/A  
PACKING GROUP: N/A

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe-read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it.

## **Attachment C**

### **Laboratory Reports – Indoor Air, Ambient Outdoor Air, and Sub-Slab Vapor**



## ANALYTICAL REPORT

Lab Number:	L0806057
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Peter Grivers
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	05/02/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>
L0806057-01	CAFETERIA	PROVIDENCE, RI
L0806057-02	KITCHEN STORAGE RM	PROVIDENCE, RI
L0806057-03	GYMNASIUM	PROVIDENCE, RI
L0806057-04	ELEVATOR HALLWAY	PROVIDENCE, RI
L0806057-05	ROOM 145	PROVIDENCE, RI
L0806057-06	ROOM 118	PROVIDENCE, RI
L0806057-07	ROOM 152	PROVIDENCE, RI
L0806057-08	ROOM 110	PROVIDENCE, RI
L0806057-09	AMBIENT OUTDOOR	PROVIDENCE, RI

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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#### TO15-SIM

The WG320116-2 LCS recovery for Bromoform is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore the analysis proceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 05/02/08

**AIR**

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

### SAMPLE RESULTS

Lab ID: L0806057-01  
 Client ID: CAFETERIA  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 20:34  
 Analyst: HM

Date Collected: 04/25/08 07:41  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.359	0.020	1.76	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.166	0.020	0.816	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.048	0.020	0.287	0.120		1
Benzene	0.408	0.070	1.30	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.070	0.020	0.439	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.043	0.020	0.210	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-01

Date Collected: 04/25/08 07:41

Client ID: CAFETERIA

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.425	0.050	2.10	0.247		1
Ethylbenzene	0.147	0.020	0.637	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.032	0.020	0.116	0.072		1
p/m-Xylene	0.430	0.040	1.87	0.174		1
o-Xylene	0.167	0.020	0.724	0.087		1
Styrene	0.037	0.020	0.156	0.085		1
Tetrachloroethene	0.038	0.020	0.254	0.136		1
Toluene	1.06	0.020	4.00	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.031	0.020	0.164	0.107		1
Trichlorofluoromethane	0.297	0.050	1.66	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.44	2.00	12.9	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

### SAMPLE RESULTS

**Lab ID:** L0806057-02  
**Client ID:** KITCHEN STORAGE RM  
**Sample Location:** PROVIDENCE, RI  
**Matrix:** Air  
**Anaytical Method:** 48,TO-15-SIM  
**Analytical Date:** 04/30/08 21:11  
**Analyst:** HM

**Date Collected:** 04/25/08 07:42  
**Date Received:** 04/28/08  
**Field Prep:** Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.203	0.020	0.998	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.077	0.020	0.376	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.069	0.020	0.415	0.120		1
Benzene	0.426	0.070	1.36	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.069	0.020	0.436	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.038	0.020	0.186	0.098		1
Chloromethane	0.579	0.500	2.82	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-02

Date Collected: 04/25/08 07:42

Client ID: KITCHEN STORAGE RM

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.418	0.050	2.06	0.247		1
Ethylbenzene	0.178	0.020	0.770	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.034	0.020	0.121	0.072		1
p/m-Xylene	0.513	0.040	2.22	0.174		1
o-Xylene	0.190	0.020	0.824	0.087		1
Styrene	0.201	0.020	0.856	0.085		1
Tetrachloroethene	0.027	0.020	0.180	0.136		1
Toluene	1.27	0.020	4.80	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	0.311	0.050	1.74	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	26.0	2.00	61.7	4.75		1
2-Butanone	0.726	0.500	2.14	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

### SAMPLE RESULTS

Lab ID: L0806057-03  
 Client ID: GYMNASIUM  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 21:49  
 Analyst: HM

Date Collected: 04/25/08 07:44  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	2.39	0.020	11.7	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	1.46	0.020	7.17	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.021	0.020	0.126	0.120		1
Benzene	0.200	0.070	0.638	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.064	0.020	0.405	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.040	0.020	0.193	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-03

Date Collected: 04/25/08 07:44

Client ID: GYMNASIUM

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.407	0.050	2.01	0.247		1
Ethylbenzene	0.507	0.020	2.20	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.030	0.020	0.107	0.072		1
p/m-Xylene	1.90	0.040	8.24	0.174		1
o-Xylene	0.802	0.020	3.48	0.087		1
Styrene	0.042	0.020	0.180	0.085		1
Tetrachloroethene	0.026	0.020	0.179	0.136		1
Toluene	0.746	0.020	2.81	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.027	0.020	0.147	0.107		1
Trichlorofluoromethane	0.221	0.050	1.24	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	8.01	2.00	19.0	4.75		1
2-Butanone	1.08	0.500	3.17	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

### SAMPLE RESULTS

Lab ID: L0806057-04  
 Client ID: ELEVATOR HALLWAY  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 22:26  
 Analyst: HM

Date Collected: 04/25/08 07:44  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.334	0.020	1.64	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.163	0.020	0.802	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.041	0.020	0.247	0.120		1
Benzene	0.438	0.070	1.40	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.070	0.020	0.441	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.025	0.020	0.122	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	0.024	0.020	0.095	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-04

Date Collected: 04/25/08 07:44

Client ID: ELEVATOR HALLWAY

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.439	0.050	2.17	0.247		1
Ethylbenzene	0.164	0.020	0.711	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.035	0.020	0.127	0.072		1
p/m-Xylene	0.501	0.040	2.17	0.174		1
o-Xylene	0.189	0.020	0.821	0.087		1
Styrene	0.043	0.020	0.184	0.085		1
Tetrachloroethene	0.042	0.020	0.282	0.136		1
Toluene	1.04	0.020	3.90	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.051	0.020	0.272	0.107		1
Trichlorofluoromethane	0.292	0.050	1.64	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	6.38	2.00	15.1	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-05  
 Client ID: ROOM 145  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 23:03  
 Analyst: HM

Date Collected: 04/25/08 07:45  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.186	0.020	0.911	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.076	0.020	0.375	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.034	0.020	0.205	0.120		1
Benzene	0.354	0.070	1.13	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.465	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.023	0.020	0.110	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-05

Date Collected: 04/25/08 07:45

Client ID: ROOM 145

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.421	0.050	2.08	0.247		1
Ethylbenzene	0.162	0.020	0.705	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.036	0.020	0.131	0.072		1
p/m-Xylene	0.495	0.040	2.15	0.174		1
o-Xylene	0.181	0.020	0.786	0.087		1
Styrene	0.037	0.020	0.158	0.085		1
Tetrachloroethene	0.034	0.020	0.228	0.136		1
Toluene	1.06	0.020	4.01	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.030	0.020	0.158	0.107		1
Trichlorofluoromethane	0.295	0.050	1.66	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.27	2.00	12.5	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-06  
 Client ID: ROOM 118  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 23:40  
 Analyst: HM

Date Collected: 04/25/08 07:45  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.185	0.020	0.909	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.070	0.020	0.342	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.044	0.020	0.261	0.120		1
Benzene	0.359	0.070	1.15	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.448	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.125	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-06

Date Collected: 04/25/08 07:45

Client ID: ROOM 118

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.411	0.050	2.03	0.247		1
Ethylbenzene	0.156	0.020	0.678	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.035	0.020	0.126	0.072		1
p/m-Xylene	0.452	0.040	1.96	0.174		1
o-Xylene	0.174	0.020	0.754	0.087		1
Styrene	0.032	0.020	0.137	0.085		1
Tetrachloroethene	0.034	0.020	0.231	0.136		1
Toluene	1.00	0.020	3.79	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.028	0.020	0.151	0.107		1
Trichlorofluoromethane	0.264	0.050	1.48	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	6.26	2.00	14.8	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-07  
 Client ID: ROOM 152  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 05/01/08 00:17  
 Analyst: HM

Date Collected: 04/25/08 07:46  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.153	0.020	0.750	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.056	0.020	0.276	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.037	0.020	0.222	0.120		1
Benzene	0.352	0.070	1.12	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.072	0.020	0.449	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.126	0.098		1
Chloromethane	0.644	0.500	3.14	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-07

Date Collected: 04/25/08 07:46

Client ID: ROOM 152

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.410	0.050	2.03	0.247		1
Ethylbenzene	0.150	0.020	0.653	0.087		1
Methylene chloride	ND	0.800	2.21	1.74		1
Methyl tert butyl ether	0.031	0.020	0.113	0.072		1
p/m-Xylene	0.426	0.040	1.85	0.174		1
o-Xylene	0.156	0.020	0.679	0.087		1
Styrene	0.029	0.020	0.124	0.085		1
Tetrachloroethene	0.044	0.020	0.298	0.136		1
Toluene	0.971	0.020	3.66	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.043	0.020	0.229	0.107		1
Trichlorofluoromethane	0.268	0.050	1.50	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	7.20	2.00	17.1	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-08  
 Client ID: ROOM 110  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 05/01/08 00:54  
 Analyst: HM

Date Collected: 04/25/08 07:46  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.171	0.020	0.839	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.060	0.020	0.293	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.041	0.020	0.245	0.120		1
Benzene	0.398	0.070	1.27	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.070	0.020	0.439	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.027	0.020	0.134	0.098		1
Chloromethane	0.615	0.500	3.00	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-08

Date Collected: 04/25/08 07:46

Client ID: ROOM 110

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.403	0.050	1.99	0.247		1
Ethylbenzene	0.164	0.020	0.712	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.034	0.020	0.121	0.072		1
p/m-Xylene	0.478	0.040	2.08	0.174		1
o-Xylene	0.178	0.020	0.773	0.087		1
Styrene	0.032	0.020	0.137	0.085		1
Tetrachloroethene	0.041	0.020	0.276	0.136		1
Toluene	1.08	0.020	4.07	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.028	0.020	0.152	0.107		1
Trichlorofluoromethane	0.270	0.050	1.52	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	7.82	2.00	18.6	4.75		1
2-Butanone	ND	0.500	1.47	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

### SAMPLE RESULTS

Lab ID: L0806057-09  
 Client ID: AMBIENT OUTDOOR  
 Sample Location: PROVIDENCE, RI  
 Matrix: Air  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 05/01/08 01:31  
 Analyst: HM

Date Collected: 04/25/08 12:05  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
<b>Volatile Organic Compounds in Air by SIM</b>						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.129	0.070	0.413	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.066	0.020	0.416	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

## SAMPLE RESULTS

Lab ID: L0806057-09

Date Collected: 04/25/08 12:05

Client ID: AMBIENT OUTDOOR

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.377	0.050	1.86	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.047	0.040	0.205	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.123	0.020	0.465	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	0.183	0.050	1.03	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.81	2.00	6.67	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/30/08 13:45

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-09 Batch: WG320116-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806057

Project Number: 6196501

Report Date: 05/02/08

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/30/08 13:45

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-09 Batch: WG320116-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG320116-2					
1,1,1-Trichloroethane	94	-	70-130	-	
1,1,1,2-Tetrachloroethane	80	-	70-130	-	
1,1,2,2-Tetrachloroethane	87	-	70-130	-	
1,1,2-Trichloroethane	91	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	90	-	70-130	-	
1,2,4-Trimethylbenzene	80	-	70-130	-	
1,2-Dibromoethane	75	-	70-130	-	
1,2-Dichlorobenzene	74	-	70-130	-	
1,2-Dichloroethane	85	-	70-130	-	
1,2-Dichloropropane	100	-	70-130	-	
1,3,5-Trimethylbenzene	79	-	70-130	-	
1,3-Butadiene	89	-	70-130	-	
1,3-Dichlorobenzene	70	-	70-130	-	
1,4-Dichlorobenzene	70	-	70-130	-	
Benzene	81	-	70-130	-	
Bromodichloromethane	91	-	70-130	-	
Bromoform	67	-	70-130	-	
Bromomethane	80	-	70-130	-	
Carbon tetrachloride	85	-	70-130	-	
Chlorobenzene	79	-	70-130	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG320116-2					
Chloroethane	89	-	70-130	-	
Chloroform	87	-	70-130	-	
Chloromethane	93	-	70-130	-	
cis-1,2-Dichloroethene	90	-	70-130	-	
cis-1,3-Dichloropropene	87	-	70-130	-	
Dibromochloromethane	75	-	70-130	-	
Dichlorodifluoromethane	85	-	70-130	-	
Ethylbenzene	79	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	81	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	86	-	70-130	-	
Methylene chloride	88	-	70-130	-	
Methyl tert butyl ether	79	-	70-130	-	
Naphthalene	97	-	70-130	-	
p/m-Xylene	81	-	70-130	-	
o-Xylene	82	-	70-130	-	
Styrene	72	-	70-130	-	
Tetrachloroethene	75	-	70-130	-	
Toluene	77	-	70-130	-	
trans-1,2-Dichloroethene	83	-	70-130	-	
trans-1,3-Dichloropropene	78	-	70-130	-	
Trichloroethene	87	-	70-130	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS

**Lab Number:** L0806057

**Project Number:** 6196501

**Report Date:** 05/02/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG320116-2					
1,2,4-Trichlorobenzene	100	-	70-130	-	
Trichlorofluoromethane	85	-	70-130	-	
Vinyl chloride	94	-	70-130	-	
Acrylonitrile	82	-	70-130	-	
n-Butylbenzene	94	-	70-130	-	
sec-Butylbenzene	82	-	70-130	-	
Isopropylbenzene	80	-	70-130	-	
p-Isopropyltoluene	78	-	70-130	-	
Acetone	83	-	70-130	-	
2-Butanone	86	-	70-130	-	
4-Methyl-2-pentanone	103	-	70-130	-	

## Lab Duplicate Analysis

### Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS

**Project Number:** 6196501

**Lab Number:** L0806057

**Report Date:** 05/02/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: DUP Sample					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.350	0.400	ppbV	13	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.326	0.343	ppbV	5	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.058	0.064	ppbV	10	25
Benzene	0.183	0.187	ppbV	2	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.066	0.065	ppbV	2	25
Chlorobenzene	ND	ND	ppbV	NC	25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0806057

Report Date: 05/02/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: DUP Sample					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.047	0.049	ppbV	3	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	0.406	0.430	ppbV	6	25
Ethylbenzene	0.067	0.063	ppbV	6	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.188	0.186	ppbV	1	25
o-Xylene	0.085	0.081	ppbV	5	25
Styrene	0.057	0.060	ppbV	5	25
Tetrachloroethene	0.048	0.050	ppbV	5	25
Toluene	0.369	0.379	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.037	0.039	ppbV	5	25
Trichlorofluoromethane	0.211	0.216	ppbV	2	25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0806057

Report Date: 05/02/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: DUP Sample					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: DUP Sample					
Acetone	79.4	87.7	ppbV	10	25
2-Butanone	162	174	ppbV	7	25

## Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0806057-01	CAFETERIA	0041	#90 AMB		-	-	77	76	1
L0806057-01	CAFETERIA	393	2.7L Can	L0805004-01	-29.8	0.1	-	-	-
L0806057-02	KITCHEN STORAGE RM	0257	#90 AMB		-	-	79	81	3
L0806057-02	KITCHEN STORAGE RM	552	2.7L Can	L0804442-01	-29.5	-2.6	-	-	-
L0806057-03	GYMNASIUM	0074	#90 AMB		-	-	78	80	3
L0806057-03	GYMNASIUM	198	2.7L Can	L0805004-01	-30.0	0	-	-	-
L0806057-04	ELEVATOR HALLWAY	0451	#90 AMB		-	-	77	87	12
L0806057-04	ELEVATOR HALLWAY	185	2.7L Can	L0804442-01	-29.9	-2.0	-	-	-
L0806057-05	ROOM 145	0454	#90 AMB		-	-	78	68	14
L0806057-05	ROOM 145	180	2.7L Can	L0805004-01	-30.0	-3.0	-	-	-
L0806057-06	ROOM 118	0300	#90 AMB		-	-	78	77	1
L0806057-06	ROOM 118	359	2.7L Can	L0805004-01	-29.8	-1.3	-	-	-
L0806057-07	ROOM 152	0453	#90 AMB		-	-	78	72	8
L0806057-07	ROOM 152	374	2.7L Can	L0805004-01	-29.8	0	-	-	-
L0806057-08	ROOM 110	0450	#90 AMB		-	-	77	75	3
L0806057-08	ROOM 110	389	2.7L Can	L0805004-01	-29.9	-2.0	-	-	-
L0806057-09	AMBIENT OUTDOOR	0406	#30 SV		-	-	78	79	1



**Project Name:** GORHAM / ADELAIDE HS**Lab Number:** L0806057**Project Number:** 6196501**Report Date:** 05/02/08**Canister and Flow Controller Information**

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0806057-09	AMBIENT OUTDOOR	147B	2.7L Can	L0805004-01	-30.0	-4.1	-	-	-



**Project Name:** GORHAM / ADELAIDE HS**Lab Number:** L0806057**Project Number:** 6196501**Report Date:** 05/02/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

**Cooler Information**

Cooler	Custody Seal
N/A	Absent

**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0806057-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806057-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

## GLOSSARY

### Acronyms

- EPA - Environmental Protection Agency.  
 LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.  
 LCSD- Laboratory Control Sample Duplicate: Refer to LCS.  
 MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.  
 MSD - Matrix Spike Sample Duplicate: Refer to MS.  
 NA - Not Applicable.  
 NI - Not Ignitable.  
 NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.  
 ND - Not detected at the reported detection limit for the sample.  
 RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.  
 RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

### Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### Data Qualifiers

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

### Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Not Specified



**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806057  
**Report Date:** 05/02/08

## REFERENCES

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

## LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



# ALPHA ANALYSIS

PAGE 1 OF 1

**ANALYTICAL CHAIN OF CUSTODY**  
 320 Forbes Blvd, Mansfield, MA 02048  
 TEL: 508-822-9300 FAX: 508-822-3288

**Client Information**

Client: **EA Environmental**  
 Address: **2350 Post Rd**  
**Warewick RI**  
 Phone: **401-736-3440**  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

**Project Information**

Project Name: **ABEYANDE HIGH SCHOOL**  
 Project Location: **PROVIDENCE, RI**  
 Project #: **61905.01**  
 Project Manager: **PETER GREYERS**  
 ALPHA Quote #: \_\_\_\_\_

**Date Rec'd in Lab:**

ALPHA Job #: **20806057**

**Report Information - Data Deliverables**

- FAX
- ADEX
- Criteria Checker: **CUSTOMIZED**
- (Default based on Regulatory Criteria Indicated)
- Other Formats: \_\_\_\_\_
- EMAIL (standard pdf report)
- Additional Deliverables: \_\_\_\_\_
- Report to: (if different than Project Manager)

**Billing Information**

Same as Client info PO #: **5655**

**Regulatory Requirements/Report Limits**

State/Fed Program Criteria  
**CT DEPART PROPOSED**  
**RESIDENTIAL TARGET**  
**AIR COMPOUNDS**

**ANALYSIS**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:  
**PLEASE PROVIDE RESULTS AS SEPARATE ANALYTICAL REPORT**

**All Columns Below Must Be Filled Out**

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION				Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	Sample Comments (i.e. PID)
		Date	Start Time	End Time	Vacuum						
6057.1	CATERPILLAR	4/25/08	7:10	7:41	30+	AA	RM	27L	393	0041	PID = 0.010
2	LITTON'S STORAGE RM		7:11	7:42	30+				552	0257	= 0.0
3	GYMNASIUM		7:12	7:44	30+				198	0074	= 0.939
4	ELEVATOR HALLWAY		7:14	7:44	29				185	0451	= 0.215
5	ROOM 145		7:15	7:45	30				180	0454	= 0.0
6	ROOM 118		7:15	7:45	29.5				359	0300	= 0.0
7	ROOM 152		7:16	7:46	30				374	0453	= 0.0
8	ROOM 11D		7:16	7:46	29				389	0450	= 0.05
9	AMBIENT OUTDOOR		11:35	12:05	29				1478	0400	= 0.0

**\*SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)  
 SV = Soil Vapor/Landfill Gas/SVE  
 Other = Please Specify

Container Type

CS

Relinquished By: **[Signature]** Date/Time: **4/25/08 10:35**

Received By: **[Signature]** Date/Time: **4/25/08 12:30**

Form No: 101-02 (rev. 1-Feb-08)

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



## ANALYTICAL REPORT

Lab Number:	L0806054
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Peter Grivers
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	05/01/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

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320 Forbes Boulevard, Mansfield, MA 02048-1806  
508-822-9300 (Fax) 508-822-3288 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806054  
**Report Date:** 05/01/08

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>
L0806054-01	MP-3	PROVIDENCE, RI
L0806054-02	MP-7	PROVIDENCE, RI
L0806054-03	IMP-1	PROVIDENCE, RI
L0806054-04	IMP-3	PROVIDENCE, RI
L0806054-05	CAN 249	PROVIDENCE, RI
L0806054-06	CAN 138	PROVIDENCE, RI

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806054  
**Report Date:** 05/01/08

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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#### TO15-SIM

L0806054-01R, -02R, and WG320116-4R Duplicate required re-analysis on a dilution in order to quantitate the sample within the calibration range. The result is reported as a greater than value for the compounds that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compounds which exceeded the calibration range.

The WG320116-2 LCS recovery for Bromoform is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore the analysis proceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 05/01/08

**AIR**

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-01  
 Client ID: MP-3  
 Sample Location: PROVIDENCE, RI  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 18:06  
 Analyst: HM

Date Collected: 04/25/08 11:40  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.350	0.020	1.72	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.326	0.020	1.60	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.058	0.020	0.347	0.120		1
Benzene	0.183	0.070	0.584	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.066	0.020	0.417	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.047	0.020	0.231	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-01

Date Collected: 04/25/08 11:40

Client ID: MP-3

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.406	0.050	2.01	0.247		1
Ethylbenzene	0.067	0.020	0.291	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.188	0.040	0.815	0.174		1
o-Xylene	0.085	0.020	0.370	0.087		1
Styrene	0.057	0.020	0.244	0.085		1
Tetrachloroethene	0.048	0.020	0.322	0.136		1
Toluene	0.369	0.020	1.39	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.037	0.020	0.199	0.107		1
Trichlorofluoromethane	0.211	0.050	1.18	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	>50	2	>119	4.75		1
2-Butanone	>50	0.5	>147	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

**Project Name:** GORHAM / ADELAIDE HS**Lab Number:** L0806054**Project Number:** 6196501**Report Date:** 05/01/08**SAMPLE RESULTS**

**Lab ID:** L0806054-01 R  
**Client ID:** MP-3  
**Sample Location:** PROVIDENCE, RI  
**Matrix:** Soil\_Vapor  
**Anaytical Method:** 48,TO-15-SIM  
**Analytical Date:** 05/01/08 02:08  
**Analyst:** HM

**Date Collected:** 04/25/08 11:40  
**Date Received:** 04/28/08  
**Field Prep:** Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Acetone	79.4	10.0	188	23.7		5
2-Butanone	162	2.50	477	7.37		5

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-02  
 Client ID: MP-7  
 Sample Location: PROVIDENCE, RI  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 18:43  
 Analyst: HM

Date Collected: 04/25/08 12:08  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.131	0.020	0.644	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.046	0.020	0.228	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	5.38	0.020	32.3	0.120		1
Benzene	0.234	0.070	0.745	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.448	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.053	0.020	0.139	0.053		1
Chloroform	0.042	0.020	0.203	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-02

Date Collected: 04/25/08 12:08

Client ID: MP-7

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.428	0.050	2.11	0.247		1
Ethylbenzene	0.074	0.020	0.320	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.224	0.040	0.970	0.174		1
o-Xylene	0.094	0.020	0.406	0.087		1
Styrene	0.251	0.020	1.07	0.085		1
Tetrachloroethene	0.146	0.020	0.990	0.136		1
Toluene	0.356	0.020	1.34	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.251	0.020	1.35	0.107		1
Trichlorofluoromethane	0.927	0.050	5.20	0.281		1
Vinyl chloride	0.029	0.020	0.075	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	>50	2	>119	4.75		1
2-Butanone	>50	0.5	>147	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

**Project Name:** GORHAM / ADELAIDE HS**Lab Number:** L0806054**Project Number:** 6196501**Report Date:** 05/01/08**SAMPLE RESULTS**

**Lab ID:** L0806054-02 R  
**Client ID:** MP-7  
**Sample Location:** PROVIDENCE, RI  
**Matrix:** Soil\_Vapor  
**Anaytical Method:** 48,TO-15-SIM  
**Analytical Date:** 05/01/08 03:59  
**Analyst:** HM

**Date Collected:** 04/25/08 12:08  
**Date Received:** 04/28/08  
**Field Prep:** Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Acetone	216	50.0	513	119		25
2-Butanone	572	12.5	1680	36.8		25

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-03  
 Client ID: IMP-1  
 Sample Location: PROVIDENCE, RI  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 19:20  
 Analyst: HM

Date Collected: 04/25/08 09:20  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.105	0.020	0.517	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.039	0.020	0.192	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	2.99	0.020	17.9	0.120		1
Benzene	0.134	0.070	0.428	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.073	0.020	0.459	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.028	0.020	0.134	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-03

Date Collected: 04/25/08 09:20

Client ID: IMP-1

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.414	0.050	2.04	0.247		1
Ethylbenzene	0.192	0.020	0.835	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.585	0.040	2.54	0.174		1
o-Xylene	0.170	0.020	0.735	0.087		1
Styrene	0.131	0.020	0.559	0.085		1
Tetrachloroethene	0.122	0.020	0.830	0.136		1
Toluene	2.97	0.020	11.2	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.124	0.020	0.668	0.107		1
Trichlorofluoromethane	0.296	0.050	1.66	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	14.3	2.00	34.0	4.75		1
2-Butanone	0.759	0.500	2.24	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-04  
 Client ID: IMP-3  
 Sample Location: PROVIDENCE, RI  
 Matrix: Soil\_Vapor  
 Analytical Method: 48,TO-15-SIM  
 Analytical Date: 04/30/08 19:57  
 Analyst: HM

Date Collected: 04/25/08 09:09  
 Date Received: 04/28/08  
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.022	0.020	0.119	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.069	0.020	0.338	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	0.022	0.020	0.089	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.027	0.020	0.134	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	2.71	0.020	16.3	0.120		1
Benzene	0.168	0.070	0.536	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.448	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.054	0.020	0.265	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

## SAMPLE RESULTS

Lab ID: L0806054-04

Date Collected: 04/25/08 09:09

Client ID: IMP-3

Date Received: 04/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.436	0.050	2.16	0.247		1
Ethylbenzene	0.130	0.020	0.565	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.022	0.020	0.079	0.072		1
p/m-Xylene	0.418	0.040	1.81	0.174		1
o-Xylene	0.143	0.020	0.620	0.087		1
Styrene	0.083	0.020	0.351	0.085		1
Tetrachloroethene	0.128	0.020	0.867	0.136		1
Toluene	5.80	0.020	21.8	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.632	0.020	3.39	0.107		1
Trichlorofluoromethane	0.682	0.050	3.83	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	14.3	2.00	33.9	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 04/30/08 13:45

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG320116-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0806054

Project Number: 6196501

Report Date: 05/01/08

### Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM  
Analytical Date: 04/30/08 13:45

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG320116-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806054  
**Report Date:** 05/01/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG320116-2					
1,1,1-Trichloroethane	94	-	70-130	-	
1,1,1,2-Tetrachloroethane	80	-	70-130	-	
1,1,2,2-Tetrachloroethane	87	-	70-130	-	
1,1,2-Trichloroethane	91	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	90	-	70-130	-	
1,2,4-Trimethylbenzene	80	-	70-130	-	
1,2-Dibromoethane	75	-	70-130	-	
1,2-Dichlorobenzene	74	-	70-130	-	
1,2-Dichloroethane	85	-	70-130	-	
1,2-Dichloropropane	100	-	70-130	-	
1,3,5-Trimethylbenzene	79	-	70-130	-	
1,3-Butadiene	89	-	70-130	-	
1,3-Dichlorobenzene	70	-	70-130	-	
1,4-Dichlorobenzene	70	-	70-130	-	
Benzene	81	-	70-130	-	
Bromodichloromethane	91	-	70-130	-	
Bromoform	67	-	70-130	-	
Bromomethane	80	-	70-130	-	
Carbon tetrachloride	85	-	70-130	-	
Chlorobenzene	79	-	70-130	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806054  
**Report Date:** 05/01/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG320116-2					
Chloroethane	89	-	70-130	-	
Chloroform	87	-	70-130	-	
Chloromethane	93	-	70-130	-	
cis-1,2-Dichloroethene	90	-	70-130	-	
cis-1,3-Dichloropropene	87	-	70-130	-	
Dibromochloromethane	75	-	70-130	-	
Dichlorodifluoromethane	85	-	70-130	-	
Ethylbenzene	79	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	81	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	86	-	70-130	-	
Methylene chloride	88	-	70-130	-	
Methyl tert butyl ether	79	-	70-130	-	
Naphthalene	97	-	70-130	-	
p/m-Xylene	81	-	70-130	-	
o-Xylene	82	-	70-130	-	
Styrene	72	-	70-130	-	
Tetrachloroethene	75	-	70-130	-	
Toluene	77	-	70-130	-	
trans-1,2-Dichloroethene	83	-	70-130	-	
trans-1,3-Dichloropropene	78	-	70-130	-	
Trichloroethene	87	-	70-130	-	

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS

**Lab Number:** L0806054

**Project Number:** 6196501

**Report Date:** 05/01/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG320116-2					
1,2,4-Trichlorobenzene	100	-	70-130	-	
Trichlorofluoromethane	85	-	70-130	-	
Vinyl chloride	94	-	70-130	-	
Acrylonitrile	82	-	70-130	-	
n-Butylbenzene	94	-	70-130	-	
sec-Butylbenzene	82	-	70-130	-	
Isopropylbenzene	80	-	70-130	-	
p-Isopropyltoluene	78	-	70-130	-	
Acetone	83	-	70-130	-	
2-Butanone	86	-	70-130	-	
4-Methyl-2-pentanone	103	-	70-130	-	

## Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0806054

Report Date: 05/01/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: MP-3					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.350	0.400	ppbV	13	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.326	0.343	ppbV	5	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.058	0.064	ppbV	10	25
Benzene	0.183	0.187	ppbV	2	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.066	0.065	ppbV	2	25
Chlorobenzene	ND	ND	ppbV	NC	25

## Lab Duplicate Analysis

### Batch Quality Control

**Project Name:** GORHAM / ADELAIDE HS

**Project Number:** 6196501

**Lab Number:** L0806054

**Report Date:** 05/01/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: MP-3					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.047	0.049	ppbV	3	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	0.406	0.430	ppbV	6	25
Ethylbenzene	0.067	0.063	ppbV	6	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.188	0.186	ppbV	1	25
o-Xylene	0.085	0.081	ppbV	5	25
Styrene	0.057	0.060	ppbV	5	25
Tetrachloroethene	0.048	0.050	ppbV	5	25
Toluene	0.369	0.379	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.037	0.039	ppbV	5	25
Trichlorofluoromethane	0.211	0.216	ppbV	2	25

## Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0806054

Report Date: 05/01/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: MP-3					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG320116-4 QC Sample: L0806054-01 Client ID: MP-3					
Acetone	79.4	87.7	ppbV	10	25
2-Butanone	162	174	ppbV	7	25

**Canister and Flow Controller Information**

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0806054-01	MP-3	0452	#90 SV		-	-	77	79	3
L0806054-01	MP-3	239	2.7L Can	L0805004-01	-29.8	-3.7	-	-	-
L0806054-02	MP-7	0044	#90 SV		-	-	77	67	14
L0806054-02	MP-7	532	2.7L Can	L0805004-01	-29.5	-8.4	-	-	-
L0806054-03	IMP-1	0161	#90 SV		-	-	77	60	25
L0806054-03	IMP-1	156	2.7L Can	L0805004-01	-30.0	-4.4	-	-	-
L0806054-04	IMP-3	0294	#90 SV		-	-	79	84	6
L0806054-04	IMP-3	522	2.7L Can	L0804442-01	-29.9	0	-	-	-
L0806054-05	CAN 249	0158	#90 SV		-	-	78	78	0
L0806054-06	CAN 138	0323	#90 SV		-	-	79	77	3



**Project Name:** GORHAM / ADELAIDE HS**Lab Number:** L0806054**Project Number:** 6196501**Report Date:** 05/01/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

**Cooler Information**

Cooler	Custody Seal
N/A	Absent

**Container Information**

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0806054-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806054-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806054-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806054-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0806054-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	CLEAN-FEE
L0806054-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	CLEAN-FEE

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806054  
**Report Date:** 05/01/08

## GLOSSARY

### **Acronyms**

- EPA - Environmental Protection Agency.
- LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
- LCSD- Laboratory Control Sample Duplicate: Refer to LCS.
- MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
- MSD - Matrix Spike Sample Duplicate: Refer to MS.
- NA - Not Applicable.
- NI - Not Ignitable.
- NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
- ND - Not detected at the reported detection limit for the sample.
- RDL - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

### **Terms**

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### **Data Qualifiers**

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

### **Standard Qualifiers**

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**Project Name:** GORHAM / ADELAIDE HS  
**Project Number:** 6196501

**Lab Number:** L0806054  
**Report Date:** 05/01/08

## REFERENCES

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

## LIMITATION OF LIABILITIES

Alpha Woods Hole Labs performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Woods Hole Labs be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.





## **Attachment D**

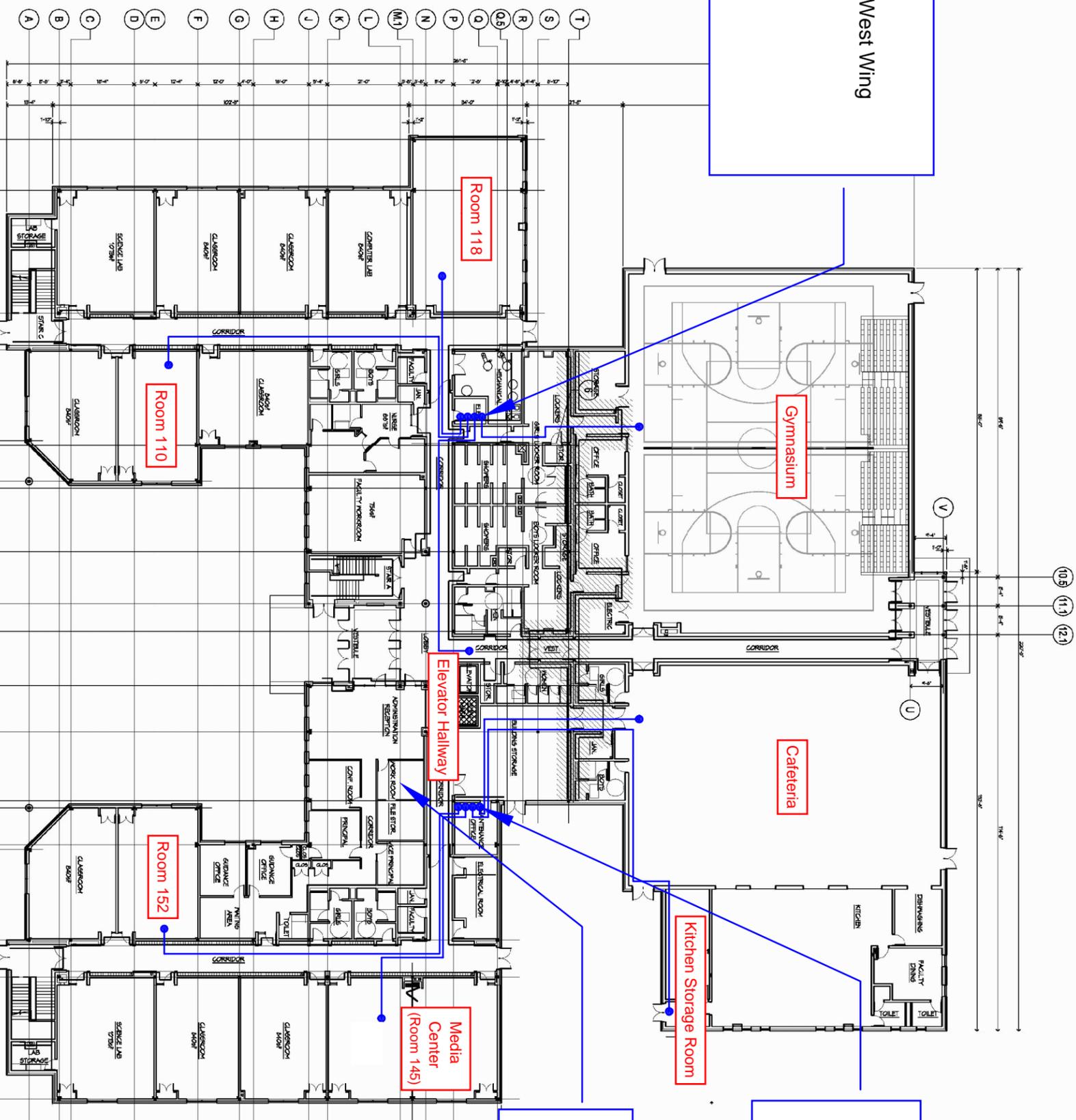
### **Sampling Figures and Data Summary Tables**

Methane Sensor Location in West Wing  
Electrical Room Area

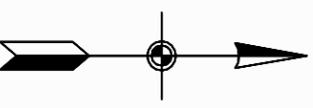
Methane Sensor Location in East Wing  
Electrical Room/Maintenance Office Area.

Methane System Controller Location  
Administration Work Room

NOTE: NOT TO SCALE



PROJECT NORTH



DESIGNED BY PMG	DRAWN BY PMG	DATE 4-3-07	PROJECT NO. 61965.01	FILE NAME Gorham Layout
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. -	FIGURE N/A

INDOOR AIR SAMPLING AND METHANE MONITORING  
SYSTEM DIAGRAM - GORHAM HIGH SCHOOL  
PROVIDENCE, RHODE ISLAND

QUARTERLY STATUS REPORT  
APPENDIX B



**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed/ Concentrations/Interim RIDE M-Approved Target Air Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Qual	0.11	Qual	0.11	Qual	0.11	Qual	0.11	Qual	0.11	Qual	0.11	Qual	0.11	Qual	0.11	Qual	0.11	Qual	
1,1,1-Trichloroethane*	15-Mar-07	500	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U		
	22-Mar-07		0.16	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	26-Apr-07		0.12	U	0.12	U	0.19	U	0.13	U	0.14	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U
	21-May-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	29-Jun-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	30-Jul-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	22-Aug-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U
	20-Sep-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	9-Oct-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	7-Nov-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	6-Dec-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	8-Jan-08		0.16	U	0.14	U	0.11	U	0.12	U	0.12	U	0.12	U	0.13	U	0.11	U	0.11	U	0.11	U
	8-Feb-08		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	27-Mar-08		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	25-Apr-08		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	1,1,1,2-Tetrachloroethane		15-Mar-07	0.082 / 0.14	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
			22-Mar-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
26-Apr-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
21-May-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
29-Jun-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
29-Jun-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
30-Jul-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
22-Aug-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
20-Sep-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
9-Oct-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
9-Oct-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
7-Nov-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
6-Dec-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
8-Jan-08		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
8-Feb-08		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
27-Mar-08		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
25-Apr-08		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
1,1,2,2-Tetrachloroethane	15-Mar-07	0.011 / 0.14	0.14	U	0.14	U	0.14	U	53	3.0	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U		
	22-Mar-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	26-Apr-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	21-May-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	29-Jun-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	30-Jul-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	22-Aug-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	20-Sep-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	9-Oct-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	9-Oct-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	7-Nov-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	6-Dec-07		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	8-Jan-08		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	8-Feb-08		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	27-Mar-08		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	25-Apr-08		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
	1,1,2-Trichloroethane		15-Mar-07	2.2	0.11	U	0.11	U	0.11	U	0.27	0.11	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
22-Mar-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
26-Apr-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
21-May-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
29-Jun-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
30-Jul-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
22-Aug-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
20-Sep-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
9-Oct-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
9-Oct-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
7-Nov-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
6-Dec-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8-Jan-08		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8-Feb-08		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
27-Mar-08		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
25-Apr-08		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
1,1-Dichloroethane		15-Mar-07	77		0.08	U	0.08	U	0.08	U	0.08	0.24	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	22-Mar-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	26-Apr-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	21-May-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	29-Jun-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	30-Jul-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	22-Aug-07	0.08		U	0.08	U	0.08	U	0.08	U												



**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,2-Dichloropropane	15-Mar-07	0.13	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Mar-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	26-Apr-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	21-May-07		0.09	U	0.09	U	0.09	U	0.10	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	29-Jun-07		0.12	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	30-Jul-07		0.10	U	0.10	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Aug-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	20-Sep-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	9-Oct-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	7-Nov-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	6-Dec-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	8-Jan-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	9-Feb-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	27-Mar-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	25-Apr-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	1,3,5-Trimethylbenzene		15-Mar-07	9.3	4.5	U	50	U	130	U	64	U	7.3	U	12	U	28	U	42	U	0.25	U
			22-Mar-07		4.37	6.98	8.89	0.79	0.84	1.08	8.69	1.96	0.10	U								
26-Apr-07		3.83	4.99		1.52	5.61	8.26	0.34	14	4.28	0.10	U										
21-May-07		14.4	6.65		4.19	15.6	1.35	5.07	10.3	5.15	0.10	U										
29-Jun-07		9.4	5.8		3.6	6.2	0.77	0.34	1.0	2.3	0.10	U										
30-Jul-07		4.5	2.5		2.8	3.2	1.9	0.56	1.0	1.1	0.10	U										
22-Aug-07		2.14	0.88		1.45	1.58	0.17	0.10	U	0.10	U	0.10	U									
20-Sep-07		2.5	0.55		7.67	0.21	0.10	0.10	U	0.10	U	0.10	U									
9-Oct-07		0.83	0.50		2.12	0.97	0.55	0.71	0.41	0.50	0.10	U										
7-Nov-07		1.83	0.70		1.10	0.64	1.10	U	0.10	U	0.10	U										
6-Dec-07		0.30	0.35		0.74	0.85	0.10	U	0.10	U	0.15	0.18	0.10	U								
8-Jan-08		0.30	0.28		1.38	1.70	0.26	0.19	0.29	0.35	0.38	0.10	U									
8-Feb-08		0.46	0.45		1.30	0.98	0.10	U	0.10	U	0.10	U	0.10	U								
27-Mar-08		0.54	0.65		1.62	1.53	0.29	0.44	0.26	0.33	0.10	U										
25-Apr-08		0.37	0.82		7.17	0.80	0.34	0.29	0.38	0.28	0.10	U										
1,3-Dichlorobenzene		15-Mar-07	73		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
		22-Mar-07			0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
	26-Apr-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	21-May-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	29-Jun-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	30-Jul-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	22-Aug-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	20-Sep-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	9-Oct-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	7-Nov-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	6-Dec-07	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	8-Jan-08	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	8-Feb-08	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	27-Mar-08	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	25-Apr-08	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
	1,4-Dichlorobenzene	15-Mar-07		24	0.12	U	0.12	U	0.12	U	0.24	U	0.3	U	0.18	U	0.12	U	0.24	U	0.12	U
		22-Mar-07			0.18	0.18	0.12	0.12	0.12	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.18	U	
26-Apr-07		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U		
21-May-07		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.19	U		
29-Jun-07		0.36	0.31		0.29	0.29	0.28	0.26	0.20	0.25	0.34	U										
30-Jul-07		2.2	0.45		0.55	0.87	1.1	0.87	1.1	1.9	1.2	U										
22-Aug-07		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U										
20-Sep-07		0.12	U		0.14	0.12	U	0.12	U	0.12	U	0.12	U									
9-Oct-07		0.63	0.49		0.49	0.94	0.22	0.60	0.72	0.46	0.15	U										
7-Nov-07		0.25	0.12		U	0.12	U	0.12	U	0.12	U	0.12	U									
6-Dec-07		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U										
8-Jan-08		0.36	0.43		0.28	0.35	0.27	0.24	0.36	0.25	0.26	U										
8-Feb-08		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U										
27-Mar-08		0.29	0.27		0.21	0.60	0.73	0.23	0.24	0.12	U											
25-Apr-08		0.42	0.29		0.13	0.25	0.26	0.25	0.21	0.22	0.22	U										
Benzene		15-Mar-07	3.3		1.1	0.83	0.8	0.8	0.8	0.73	1.0	0.86	0.89	0.61	U							
		22-Mar-07			0.57	0.48	0.67	0.74	0.45	0.54	0.99	0.64	0.57	U								
	26-Apr-07	0.69		0.37	0.5	0.62	0.44	0.72	0.84	0.39	0.54	U										
	21-May-07	0.43		0.39	0.35	0.38	0.30	0.47	0.43	0.46	0.25	U										
	29-Jun-07	0.35		0.33	0.32	0.37	0.39	0.32	0.31	0.33	0.28	U										
	30-Jul-07	0.7		0.71	0.67	0.72	0.72	0.51	0.53	0.64	0.39	U										
	22-Aug-07	0.27		0.25	0.18	0.26	0.18	0.09	0.27	0.25	0.16	U										
	20-Sep-07	0.50		0.65	0.56	0.72	0.54	0.57	0.54	0.54	0.43	U										
	9-Oct-07	0.56		0.58	0.62	0.62	0.62	0.67	0.62	0.67	0.65	U										
	7-Nov-07	0.90		0.81	0.60	0.64	0.61	0.60	0.66	0.60	0.40	U										
	6-Dec-07	0.74		0.82	0.68	0.71	0.68	0.65	0.72	0.68	0.64	U										
	8-Jan-08	2.01		1.61	1.58	1.60	2.07	1.96	2.35	1.80	3.18	U										
	8-Feb-08	0.91		0.84	0.73	0.78	0.81	0.80	0.75	0.79	0.87	U										
	27-Mar-08	1.42		1.35	1.60	1.42	2.22	2.13	1.73	1.68	0.37	U										
	25-Apr-08	1.36		1.3	0.64	1.40	1.15	1.27	1.13	1.12	0.41	U										

**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
Bromodichloromethane	15-Mar-07	0.034 / 0.13	0.13	U	0.13	U	0.13	U	3.3	U	0.27	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	22-Mar-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	26-Apr-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	21-May-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	29-Jun-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	30-Jul-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	22-Aug-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	20-Sep-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	9-Oct-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	7-Nov-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	6-Dec-07		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	8-Jan-08		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	8-Feb-08		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	27-Mar-08		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	25-Apr-08		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
	Bromoform		15-Mar-07	0.55	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
22-Mar-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
26-Apr-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
21-May-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
29-Jun-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
30-Jul-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
22-Aug-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
20-Sep-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
9-Oct-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
7-Nov-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
6-Dec-07		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
8-Jan-08		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
8-Feb-08		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
27-Mar-08		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
25-Apr-08		0.21	U		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Carbon tetrachloride		15-Mar-07	0.50		0.63	U	0.63	U	0.57	U	0.57	U	0.57	U	0.63	U	0.57	U	0.63	U	0.63	U
	22-Mar-07	0.63		U	0.63	U	0.63	U	0.75	U	0.63	U	0.63	U	0.75	U	0.69	U	0.63	U	0.63	U
	26-Apr-07	0.73		U	0.68	U	0.70	U	0.38	U	0.73	U	0.77	U	0.36	U	0.72	U	0.71	U	0.71	U
	21-May-07	0.42		U	0.41	U	0.53	U	0.38	U	0.36	U	0.36	U	0.39	U	0.38	U	0.48	U	0.48	U
	29-Jun-07	0.51		U	0.51	U	0.45	U	0.50	U	0.53	U	0.50	U	0.48	U	0.50	U	0.48	U	0.50	U
	30-Jul-07	0.52		U	0.56	U	0.52	U	0.53	U	0.53	U	0.55	U	0.52	U	0.53	U	0.53	U	0.53	U
	22-Aug-07	0.73		U	0.74	U	0.77	U	0.74	U	0.74	U	0.65	U	0.71	U	0.75	U	0.67	U	0.67	U
	20-Sep-07	0.44		U	0.48	U	0.48	U	0.53	U	0.43	U	0.43	U	0.43	U	0.53	U	0.43	U	0.43	U
	9-Oct-07	0.52		U	0.53	U	0.52	U	0.53	U	0.53	U	0.54	U	0.54	U	0.54	U	0.54	U	0.55	U
	7-Nov-07	0.55		U	0.57	U	0.53	U	0.52	U	0.54	U	0.54	U	0.56	U	0.56	U	0.56	U	0.54	U
	6-Dec-07	0.51		U	0.50	U	0.50	U	0.47	U	0.50	U	0.47	U	0.49	U	0.50	U	0.50	U	0.50	U
	8-Jan-08	0.57		U	0.56	U	0.56	U	0.58	U	0.58	U	0.57	U	0.57	U	0.58	U	0.57	U	0.57	U
	8-Feb-08	0.50		U	0.48	U	0.44	U	0.45	U	0.46	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
	27-Mar-08	0.54		U	0.54	U	0.55	U	0.54	U	0.58	U	0.58	U	0.55	U	0.59	U	0.57	U	0.57	U
	25-Apr-08	0.44		U	0.44	U	0.41	U	0.44	U	0.45	U	0.44	U	0.47	U	0.45	U	0.45	U	0.42	U
	Chlorobenzene	15-Mar-07		37	0.09	U	0.09	U	0.09	U	3.6	U	0.28	U	0.09	U	0.09	U	3.0	U	0.09	U
22-Mar-07		0.09	U		0.37	U	1.06	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
26-Apr-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
21-May-07		0.09	U		0.18	U	0.09	U	0.24	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
29-Jun-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
30-Jul-07		0.12	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
22-Aug-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
20-Sep-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
9-Oct-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
7-Nov-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
6-Dec-07		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
8-Jan-08		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
8-Feb-08		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
27-Mar-08		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
25-Apr-08		0.09	U		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
Chloroethane		15-Mar-07	500		0.05	U	0.11	U	0.08	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	22-Mar-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	26-Apr-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	21-May-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	29-Jun-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	30-Jul-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	22-Aug-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	20-Sep-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	9-Oct-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	7-Nov-07	0.05		U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	6-Dec-07	0.05		U	0.05	U	0.05	U	0.05	U	0.											



**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor				
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
Dichlorodifluoromethane	15-Mar-07		2.3		2.4		2.5		2.4		2.4		2.4		2.4		2.5		2.0				
	22-Mar-07		2.62		2.72		2.82		3.06		2.62		2.62		2.82		2.67		2.42				
	26-Apr-07		3.03		3.04		3.03		3.17		3.02		3.38		3.96		3.06		3.06				
	21-May-07		1.6		1.76		1.89		1.46		1.28		1.31		1.41		1.33		1.93				
	29-Jun-07		2.4		2.4		2.0		2.3		2.4		2.1		2.2		2.1		2.2				
	30-Jul-07		2.2		2.4		2.2		2.2		2.3		2.4		2.4		2.4		2.3				
	22-Aug-07		2.37		2.37		2.35		2.33		2.27		2.33		2.41		2.33		2.15				
	20-Sep-07	91	2.10		2.29		2.08		2.06		2.21		2.00		2.01		2.21		1.9				
	9-Oct-07		2.57		2.66		2.66		2.38		2.65		2.72		2.68		2.69		2.74				
	7-Nov-07		3.08		2.71		2.46		2.42		2.43		2.43		2.46		2.45		2.40				
	6-Dec-07		2.70		2.66		2.48		2.46		2.50		2.46		2.41		2.49		2.55				
	8-Jan-08		3.01		2.79		2.59		2.92		2.79		2.60		2.71		2.81		2.61				
	8-Feb-08		1.96		1.86		1.98		1.89		1.83		1.94		1.98		1.89		2.02				
	27-Mar-08		2.42		2.38		2.28		2.11		2.80		2.56		2.7		2.07		2.21				
	25-Apr-08		2.06		2.1		2.01		2.17		2.03		1.99		2.08		2.03		1.86				
	Ethylbenzene	15-Mar-07		180		200		260		160		28		200		160		190		1.4			
		22-Mar-07		9.59		11.6		93.5		0.911		1.17		1.43		10.6		2.99		0.65			
26-Apr-07			6.21		14.9		3.27		4.07		3.85		0.4		3.24		3.47		0.15				
21-May-07			2.16		2.43		4.34		3.03		0.75		2.01		1.2		0.95		0.14				
29-Jun-07			3.7		3.2		4.5		1.6		0.52		0.21		0.24		0.46		0.18				
30-Jul-07			2.0		1.7		3.3		1.2		0.92		0.4		0.41		0.52		0.24				
22-Aug-07			0.47		0.41		1.19		0.80		0.13		0.09		0.14		0.11		0.09		U		
20-Sep-07		53	0.47		0.47		0.52		0.30		0.3		0.31		0.31		0.30		0.20				
9-Oct-07			0.32		0.50		2.21		0.82		0.57		0.59		0.55		0.56		0.24				
7-Nov-07			0.49		0.47		0.91		0.74		0.35		0.27		0.33		0.28		0.09		U		
6-Dec-07			0.17		0.18		0.63		0.33		0.15		0.23		0.16		0.15		0.12				
8-Jan-08			0.82		0.89		1.30		1.00		0.97		0.77		1.08		0.67		1.30				
8-Feb-08			0.26		0.23		0.62		0.45		0.25		0.17		0.16		0.18		0.22				
27-Mar-08			0.64		0.67		1.02		0.89		0.87		1		0.63		0.62		0.10				
25-Apr-08			0.77		0.64		2.20		0.71		0.68		0.71		0.71		0.65		0.09		U		
Methylene chloride		15-Mar-07		18		16		14		2.8		U		5.2		6.0		2.8		U		2.8	U
		22-Mar-07		2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U
	26-Apr-07		2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	
	21-May-07		2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	2.78	U	
	29-Jun-07		9.2		6.7		5.3		5.7		7.6		8.0		6.1		7.0		6.7				
	30-Jul-07		2.6	U	2.8	U	2.8	U	2.8	U	2.8	U	4.8	U	2.8	U	2.8	U	6.6				
	22-Aug-07	3.0	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	20-Sep-07		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	9-Oct-07		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	7-Nov-07		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	6-Dec-07		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	8-Jan-08		1.74	U	1.74	U	2.98	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	8-Feb-08		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	27-Mar-08		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
	25-Apr-08		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	2.21	U	1.74	U	1.74	U	
	Methyl tert butyl ether (MTBE)	15-Mar-07		0.07	U	0.07	U	0.07	U	0.14		7.1		0.07	U	0.14		0.07	U	0.07	U	0.07	U
		22-Mar-07		0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U
26-Apr-07			0.07	U	0.07	U	0.07	U	0.07	U	0.12		0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
21-May-07			0.09		0.11		0.17		0.12		0.07	U	0.08	U	0.07	U	0.07	U	0.07	U	0.07	U	
29-Jun-07			0.13		0.07	U	0.14		0.09		0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
30-Jul-07			0.12		0.11		0.15		0.11		0.09		0.19		0.08		0.09		0.22				
22-Aug-07			0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
20-Sep-07			0.07	U	0.07	U	0.21		0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
9-Oct-07			0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
7-Nov-07			0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
6-Dec-07			0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
8-Jan-08			0.13		0.12		0.12		0.11		0.13		0.13		0.19		0.11		0.16				
8-Feb-08			0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	
27-Mar-08			0.08		0.10		0.10		0.09		0.10		0.10		0.10		0.09		0.07	U	0.07	U	
25-Apr-08			0.12		0.12		0.11		0.13		0.13		0.12		0.13		0.11		0.07	U	0.07	U	
p,m-Xylene		15-Mar-07		340		580		770		340		94		520		410		450		4.0			
		22-Mar-07		14.3		37.5		333		3.69		5.64		7.59		36		14		1.65			
	26-Apr-07		20.3		28.2		9.96		13		14		1.23		10.8		11.7		0.40				
	21-May-07		6.7		7.55		12.3		8.52		1.95		4.27		2.55		2.15		0.27				
	29-Jun-07		13		11		16		5.4		1.8		0.61		0.68		1.4		0.49				
	30-Jul-07		5.60		4.6		9.5		3.3		2.4		0.66		0.80		1.1		0.41				
	22-Aug-07		1.57		1.3		5.32		3.14		0.36		0.17	U	0.36		0.29		0.17		U		
	20-Sep-07		1.09		1.12		31.4		1.2		0.71		0.69		0.69		0.71		0.40				
	9-Oct-07		0.83		1.34		6.67		2.32		1.62	</											



**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U
trans-1,3-Dichloropropene	15-Mar-07	None	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Mar-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	26-Apr-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	21-May-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	29-Jun-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	30-Jul-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Aug-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	20-Sep-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	9-Oct-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	7-Nov-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	6-Dec-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	8-Jan-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	8-Feb-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	27-Mar-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	25-Apr-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	Trichloroethene*		15-Mar-07	1.0	0.16		0.11		0.11		0.11		0.27		0.70		0.32		0.21		0.70	
22-Mar-07		1.72			0.16		0.11		0.11		0.11		0.11		0.22		0.16		2.74			
26-Apr-07		0.14			0.24		0.35		0.14		0.21		0.12		0.20		0.44		0.11		U	
21-May-07		0.1			0.12		0.12		0.11		0.11		0.18		0.15		0.17		0.11		0.12	
29-Jun-07		0.1			0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.14	U	0.11	U	0.11	U	0.23	
30-Jul-07		0.4			0.42		0.40		0.41		1.0		0.14		0.23		0.35		0.21			
22-Aug-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
20-Sep-07		0.11	U		0.11	U	0.13	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
9-Oct-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
7-Nov-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
6-Dec-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8-Jan-08		0.19			0.14		0.13		0.14		0.15		0.16		0.16		0.20		0.52			
8-Feb-08		0.11			0.12		0.11		0.11	U	0.11	U	0.11	U	0.11	U	0.35		0.11	U	0.11	U
27-Mar-08		0.24			0.23		0.22		0.33		0.27		0.15		0.16		0.22		0.17		0.11	U
25-Apr-08		0.11	U		0.16		0.15		0.15		0.27		0.15		0.16		0.16		0.23		0.11	U
Trichlorofluoromethane		15-Mar-07	370		1.5		2.2		2.4		2.0		2.1		3.3		2.0		2.0		1.2	
	22-Mar-07	1.57			1.57		1.8		1.8		1.52		1.52		1.8		1.74		1.35			
	26-Apr-07	1.76			1.82		1.86		1.86		1.91		2.0		1.84		1.86		1.95			
	21-May-07	0.89			0.93		1.11		0.79		0.73		0.78		0.82		0.76		1.02			
	29-Jun-07	1.3			1.3		1.2		1.3		1.3		1.2		1.2		1.2		1.2			
	30-Jul-07	1.4			1.6		1.5		1.4		1.5		2.0		1.8		1.6		2.1			
	22-Aug-07	1.48			1.48		1.52		1.49		1.48		1.43		1.44		1.46		1.35			
	20-Sep-07	1.33			1.33		1.44		1.33		1.31		1.12		1.13		1.31		1.11			
	9-Oct-07	1.41			1.41		1.44		1.28		1.45		1.47		1.45		1.46		1.64			
	7-Nov-07	2.03			2.01		1.67		1.57		1.66		1.63		1.69		1.64		1.61			
	6-Dec-07	1.65			1.63		1.37		1.40		1.36		1.34		1.33		1.36		1.38			
	8-Jan-08	2.12			1.57		1.56		1.70		1.61		1.57		1.52		1.72		1.48			
	8-Feb-08	1.14			1.02		1.11		1.01		0.99		1.05		1.04		1.02		1.08			
	27-Mar-08	1.74			1.52		1.54		1.25		2.32		2.12		2.14		1.21		1.38			
	25-Apr-08	1.74			1.66		1.24		1.64		1.48		1.52		1.66		1.5		1.03			
	Vinyl chloride*	15-Mar-07		0.14	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
22-Mar-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
26-Apr-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
21-May-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.07	U	0.05	U	0.05	U	0.05	U
29-Jun-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
30-Jul-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
22-Aug-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
20-Sep-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
9-Oct-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7-Nov-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
6-Dec-07		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8-Jan-08		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8-Feb-08		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
27-Mar-08		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
25-Apr-08		0.05	U		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Acrylonitrile		15-Mar-07	None		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
	22-Mar-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	26-Apr-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	21-May-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	29-Jun-07	1.1		U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
	30-Jul-07	1.1		U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
	22-Aug-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	20-Sep-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	9-Oct-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	7-Nov-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	6-Dec-07	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	8-Jan-08	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	8-Feb-08	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	27-Mar-08	1.08		U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	25-Apr-08	1.08		U	1.08																	

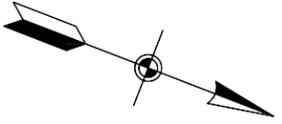
**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds**  
**March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
n-Butylbenzene	15-Mar-07		2.7	U	14		2.7	U	23		2.7	U	2.7	U	2.7	U	7.2		2.7	U		
	22-Mar-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	26-Apr-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	21-May-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	29-Jun-07		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
	30-Jul-07		2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
	22-Aug-07	73	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	20-Sep-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	9-Oct-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	7-Nov-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	6-Dec-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	9-Jan-08		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	8-Feb-08		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	27-Mar-08		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	25-Apr-08		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	sec-Butylbenzene	15-Mar-07		2.5	U	6.6		20		9.2		2.5	U	2.5	U	2.5	U	5.4		2.5	U	
		22-Mar-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74
26-Apr-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
21-May-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
29-Jun-07			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
30-Jul-07			2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
22-Aug-07		73	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
20-Sep-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
9-Oct-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
7-Nov-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
6-Dec-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Jan-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Feb-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
27-Mar-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
25-Apr-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
Isopropylbenzene		15-Mar-07		2.46	U	15		34		15		2.5	U	5.1		6.8		10		2.5	U	
		22-Mar-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46
	26-Apr-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	21-May-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	29-Jun-07		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
	30-Jul-07		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
	22-Aug-07	120	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	20-Sep-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	9-Oct-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	7-Nov-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	6-Dec-07		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	8-Jan-08		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	8-Feb-08		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	27-Mar-08		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	25-Apr-08		2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	p-Isopropyltoluene	15-Mar-07		2.7	U	13		37		17		2.7	U	2.7	U	6.2		11		2.7	U	
		22-Mar-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74
26-Apr-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
21-May-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
29-Jun-07			0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
30-Jul-07			2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
22-Aug-07		67	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
20-Sep-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
9-Oct-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
7-Nov-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
6-Dec-07			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Jan-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Feb-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
27-Mar-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
25-Apr-08			2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
Acetone		15-Mar-07		340		1200		1400		720		130		1500		840		970		14		
		22-Mar-07		41.7		54.9		66.4		21		21.6		80.9		81.8		38.2		14.6		
	26-Apr-07		14.4		11.1		8.14		12.1		15.9		8.54									

**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
2-Butanone	15-Mar-07		92		21		22		16		12		210		22		23		1.5		U	
	22-Mar-07		29		11.7		7.81		1.47	U	1.47	U	1.47	U	1.47	U	10.5		92.8		U	
	26-Apr-07		19.7		19.1		1.47		9.25	U	1.47	U	1.47	U	1.47	U	5.98		1.47		U	
	21-May-07		8.66		3.85		1.7		4.84	U	1.47	U	7.79		3.39		3.06		2.26		U	
	29-Jun-07		7.2		4.4		28		3.2		0.59	U	360		18		1.6		36		U	
	30-Jul-07		8.1		3.9		9.2		5.1		9.3		1.8		2.9		2.3		1.6		U	
	22-Aug-07		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
	20-Sep-07	500	1.58		2.71		8.57		2.18		1.47	U	1.47	U	1.47	U	1.47	U	8.44		U	
	9-Oct-07		9.04		2.79		2.12		1.79		1.72		1.47	U	1.47	U	1.48		1.47		U	
	7-Nov-07		1.81		1.47	U	2.25		1.80		2.76		2.44		2.36		2.40		1.47		U	
	6-Dec-07		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
	9-Jan-08		1.52		1.56		1.47		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47		1.92	U
	8-Feb-08		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47		1.47	U
	27-Mar-08		8.56		6.54		5.65		5.14		3.95		4.44		6.68		5.68		1.47		U	
	25-Apr-08		2.14		1.47	U	3.17		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47		U	
	4-Methyl-2-pentanone	15-Mar-07		7.6		3.2		5.1		4.2		2.9		3.8		6.5		6.4		2.0		U
		22-Mar-07		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	5.57		2.05		U
26-Apr-07			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	4.87		2.05		U	
21-May-07			6.18		4.47		2.05	U	4.32		2.05	U	5.48		4.16		7.01		2.05		U	
29-Jun-07			2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
30-Jul-07			2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
22-Aug-07			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
20-Sep-07		37	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
9-Oct-07			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
7-Nov-07			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
6-Dec-07			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
8-Jan-08			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
8-Feb-08			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
27-Mar-08			2.05	U	2.11	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U
25-Apr-08			2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U

Notes:  
 All data presented in micrograms per cubic meter (ug/m3).  
 U: designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.  
 NS: not sampled.  
 None: No Draft Proposed CT Residential TAC for this compound.  
 \* = Site Specific Compound of Concern per ATSDR Health Consultation, December 4, 2006.  
 1: Elevated Data is a result of inadvertent cross-contamination at the laboratory, and not resultant from soil vapor intrusion. Media Center/Room 145 was resampled on 28 January 2008 with Tetrachloroethylene concentration not detected by the laboratory (MDL = 0.14 ug/m<sup>3</sup>).  
 2: Elevated Tetrachloroethylene and Acetone data detected on 27 March 2008 was determined to be the result of cleaning products (e.g., graffiti remover, stainless steel polish, etc.) introduced to the school in February and March, and not the result of soil vapor intrusion. Re-sampling effort on 25 April 2008 indicates no exceedences of applicable Acetone and Tetrachloroethylene Action Levels.



**LEGEND:**

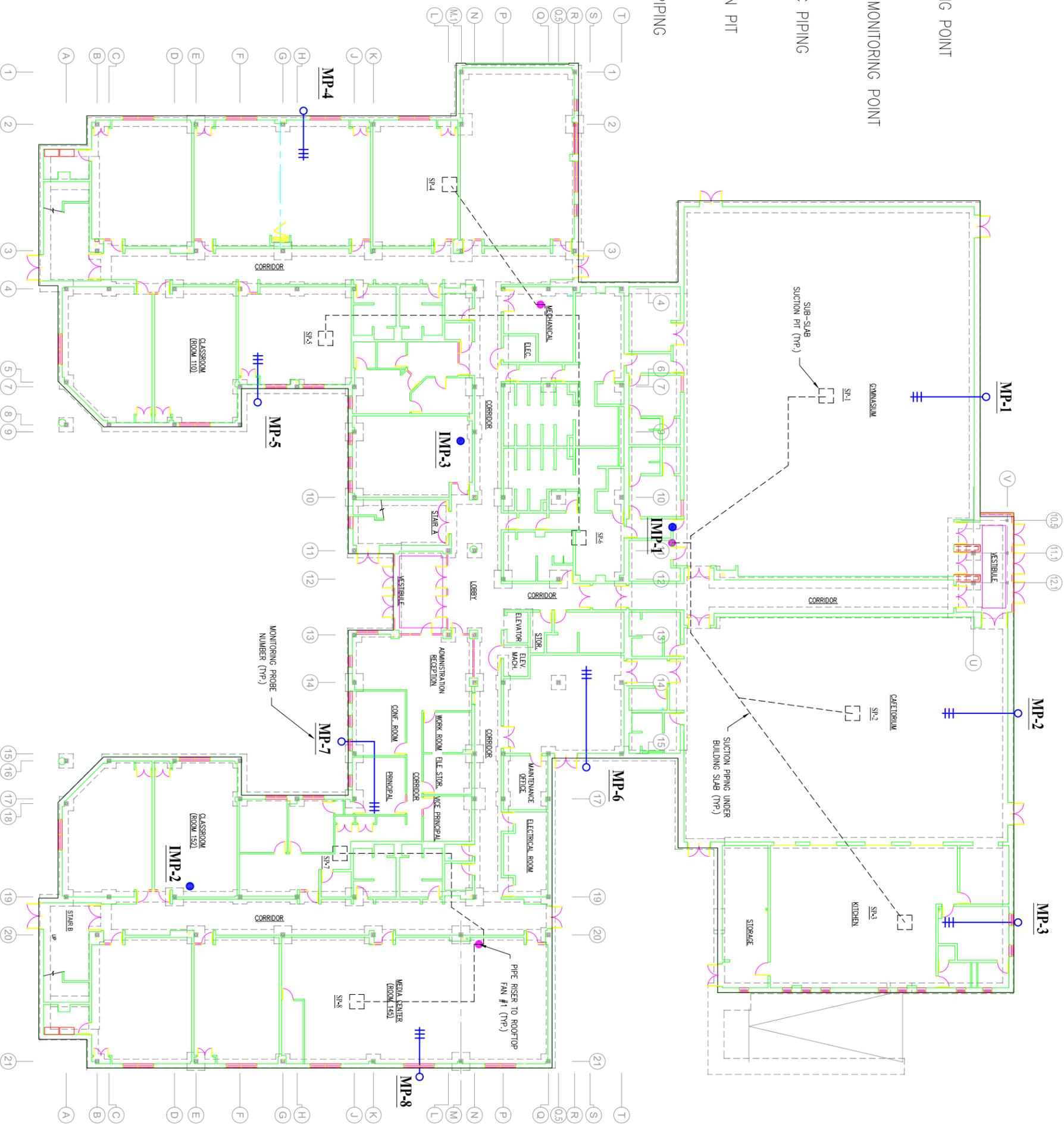
**MP-1** SUB-SLAB MONITORING POINT

**IMP-1** INTERIOR SUB-SLAB MONITORING POINT

—#— SLOTTED 1 INCH PVC PIPING

SP-4  
[ ] SSD SYSTEM SUCTION PIT

----- SOLID 4 INCH PVC PIPING



DESIGNED BY PMG	DRAWN BY DMA	DATE AUG 27 2007	PROJECT NO. 6:1965.01	FILE NAME AS-BUILT08-07
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. 2 OF 3	FIGURE N/A

AS-BUILT  
SUB SLAB MONITORING AND SAMPLING LOCATIONS  
ADELAIDE AVE HIGH SCHOOL  
PROVIDENCE, RHODE ISLAND

QUARTERLY STATUS REPORT  
APPENDIX C



**Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3			
		Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value		
1,1,1-Trichloroethane*	15-Mar-07		490	U	470	U	470	U	470	U	460	U	190	U	72	U	200	U	NS	NS	NS	NS	NS	NS	
	22-Mar-07		68.1	U	27.2	U	NS	NS	NS	NS	NS	NS													
	26-Apr-07		27.2	U	NS	NS	NS	NS	NS	NS															
	21-May-07		49.6	U	27.2	U	27.2	U	48	U	27.2	U	27.2	U	27.2	U	27.2	U	NS	NS	NS	NS	NS	NS	
	29-Jun-07		0.55	U	1.1	U	0.55	U	0.55	U	NS	NS	NS	NS	NS	NS									
	30-Jul-07		0.55	U	NS	NS	NS	NS	1.1	U	NS	NS	0.55	U	2.7	U	NS	NS							
	22-Aug-07		NS	NS	NS	1.09	U	NS	NS	2.72	U	NS	NS	NS	NS	NS	NS	1.09	U	0.47	NS	NS	NS	NS	
	20-Sep-07		NS	NS	2.72	U	NS	NS	2.72	U	NS	NS	1.19	NS	NS	NS									
	9-Oct-07		2.72	U	NS	NS	NS	NS	NS	0.55	U	NS	NS	NS	NS	NS	NS	NS	0.17	NS	NS	NS	NS	U	
	7-Nov-07		NS	NS	0.13	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	0.11	U	1.50	NS	NS	NS	
	6-Dec-07		NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	0.34	NS	NS	NS	0.94	
	8-Jan-08		NS	NS	NS	NS	NS	0.14	NS	NS	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	0.48	
	8-Feb-08		0.11	U	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	NS	0.11	U	0.56	NS	NS	NS	0.27
	27-Mar-08		NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	0.52	NS	NS	NS	0.12
	25-Apr-08		NS	NS	NS	0.11	U	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS								
	1,1,1,2-Tetrachloroethane	15-Mar-07		620	U	590	U	590	U	600	U	580	U	240	U	91	U	260	U	NS	NS	NS	NS	NS	NS
		22-Mar-07		85.7	U	34.3	U	NS	NS	NS	NS	NS	NS												
26-Apr-07			34.3	U	NS	NS	NS	NS	NS	NS															
21-May-07			62.4	U	34.3	U	34.3	U	60.4	U	34.3	U	34.3	U	34.3	U	34.3	U	NS	NS	NS	NS	NS	NS	
29-Jun-07			0.69	U	1.4	U	0.69	U	0.69	U	NS	NS	NS	NS	NS	NS									
30-Jul-07			0.69	U	NS	NS	NS	NS	1.4	U	NS	NS	0.69	U	3.4	U	NS	NS							
22-Aug-07			NS	NS	NS	1.37	U	NS	NS	3.43	U	NS	NS	NS	NS	NS	NS	NS	1.37	U	0.14	U	NS	NS	
20-Sep-07			NS	NS	3.43	U	NS	NS	3.43	U	NS	NS	0.14	U	NS	NS									
9-Oct-07			3.43	U	NS	NS	0.14	U	NS	NS	NS	U													
7-Nov-07			NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	U
6-Dec-07			NS	NS	NS	0.14	U	NS	NS	NS	NS	0.14	U	NS	NS	NS	U								
8-Jan-08			NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	U
8-Feb-08			0.14	U	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	U
27-Mar-08			NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	U
25-Apr-08			NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	0.14	U	NS	NS	NS	U
1,1,2,2-Tetrachloroethane		15-Mar-07		620	U	590	U	590	U	600	U	580	U	240	U	91	U	260	U	NS	NS	NS	NS	NS	NS
		22-Mar-07		85.7	U	34.3	U	NS	NS	NS	NS	NS	NS												
	26-Apr-07		34.3	U	NS	NS	NS	NS	NS	NS															
	21-May-07		62.4	U	34.3	U	34.3	U	60.4	U	34.3	U	34.3	U	34.3	U	34.3	U	NS	NS	NS	NS	NS	NS	
	29-Jun-07		0.69	U	1.4	U	0.69	U	0.69	U	NS	NS	NS	NS	NS	NS									
	30-Jul-07		0.69	U	NS	NS	NS	NS	1.40	U	NS	NS	0.69	U	3.4	U	NS	NS							
	22-Aug-07		NS	NS	NS	1.37	U	NS	NS	3.43	U	NS	NS	NS	NS	NS	NS	NS	1.37	U	0.14	U	NS	NS	
	20-Sep-07		NS	NS	3.43	U	NS	NS	3.43	U	NS	NS	0.14	U	NS	NS									
	9-Oct-07		3.43	U	NS	NS	NS	0.14	U	NS	NS	U													
	7-Nov-07		NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	U
	6-Dec-07		NS	NS	NS	0.14	U	NS	NS	NS	NS	0.14	U	NS	NS	NS	U								
	8-Jan-08		NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	U
	8-Feb-08		0.14	U	NS	NS	NS	0.14	U	NS	NS	NS	U												
	27-Mar-08		NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	U
	25-Apr-08		NS	NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	NS	0.14	U	NS	NS	NS	0.14	U	NS	NS	NS	U
	1,1,2-Trichloroethane	15-Mar-07		490	U	470	U	470	U	470	U	460	U	190	U	72	U	200	U	NS	NS	NS	NS	NS	NS
		22-Mar-07		68.1	U	27.2	U	NS	NS	NS	NS	NS	NS												
26-Apr-07			27.2	U	NS	NS	NS	NS	NS	NS															
21-May-07			36.8	U	27.2	U	27.2	U	48	U	27.2	U	27.2	U	27.2	U	27.2	U	NS	NS	NS	NS	NS	NS	
29-Jun-07			0.6	U	0.55	U	0.55	U	0.55	U	0.55	U	1.1	U	0.55	U	0.55	U	NS	NS	NS	NS	NS	NS	
30-Jul-07			0.6	U	NS	NS	NS	NS	1.1	U	NS	NS	0.55	U	2.7	U	NS	NS							
22-Aug-07			NS	NS	NS	1.09	U	NS	NS	2.72	U	NS	NS	NS	NS	NS	NS	NS	1.09	U	0.11	U	NS	NS	
20-Sep-07			NS	NS	2.72	U	NS	NS	2.72	U	NS	NS	NS	NS											
9-Oct-07			2.72	U	NS	NS	NS	NS	NS	0.55	U	NS	NS	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	U
7-Nov-07			NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	U
6-Dec-07			NS	NS	NS	0.11	U	NS	NS	NS	NS	0.11	U	NS	NS	NS	U								
8-Jan-08			NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	U
8-Feb-08			0.11	U	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	U
27-Mar-08			NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	U
25-Apr-08			NS	NS	NS	0.11	U	NS	NS	NS	NS	NS	NS	NS	0.11	U	NS	NS	NS	NS	0.11	U	NS	NS	U
1,1-Dichloroethane		15-Mar-07		360	U	350	U	350	U	350	U	340	U	140	U	53	U	150	U	NS	NS	NS	NS	NS	NS
		22-Mar-07																							



**Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3			
		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual			
1,2-Dichloropropane	15-Mar-07	420	U	400	U	400	U	400	U	390	U	160	U	61	U	170	U	NS		NS		NS			
	22-Mar-07	57.7	U	57.7	U	57.7	U	57.7	U	57.7	U	57.7	U	57.7	U	23.1	U	NS		NS		NS			
	26-Apr-07	23.1	U	23.1	U	23.1	U	23.1	U	23.1	U	23.1	U	23.1	U	23.1	U	NS		NS		NS			
	21-May-07	42	U	23.1	U	23.1	U	40.6	U	23.1	U	23.1	U	2.31	U	23.1	U	NS		NS		NS			
	29-Jun-07	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.92	U	0.46	U	0.46	U	NS		NS		NS			
	30-Jul-07	0.46	U	NS	NS	NS	NS	0.92	U	NS	NS	0.46	U	2.3	U	NS	NS	NS		NS		NS			
	22-Aug-07	NS	NS	NS	NS	0.92	U	NS	NS	2.31	U	NS	NS	NS	NS	NS	NS	0.92	U	0.09	U	NS			
	20-Sep-07	NS	NS	2.31	U	NS	2.31	U	NS	NS	0.09	U	NS	0.09	U	NS									
	9-Oct-07	2.31	U	NS	NS	NS	NS	NS	0.46	U	NS	NS	NS	NS	NS	NS	NS	0.09	U	NS	NS	0.09	U	NS	
	7-Nov-07	NS	NS	0.09	U	NS	NS	NS	NS	NS	0.09	U	NS	NS	NS	NS	NS	0.09	U	NS	NS	0.09	U	NS	
	6-Dec-07	NS	NS	NS	NS	0.09	U	NS	NS	NS	NS	NS	NS	0.09	U	NS	NS	NS	NS	0.09	U	NS	0.09	U	NS
	8-Jan-08	NS	NS	NS	NS	NS	NS	0.09	U	NS	NS	NS	NS	NS	NS	NS	NS	0.09	U	NS	NS	0.09	U	NS	
	8-Feb-08	0.09	U	NS	NS	NS	NS	0.09	U	NS	NS	0.09	U	NS											
	27-Mar-08	NS	NS	0.09	U	NS	NS	NS	NS	NS	NS	0.09	U	NS	0.09	U	NS								
	25-Apr-08	NS	NS	NS	NS	0.09	U	NS	0.09	U	NS	NS	NS	NS	NS	0.09	U	NS							
	1,3,5-Trimethylbenzene	15-Mar-07	440	U	420	U	420	U	430	U	420	U	170	U	65	U	180	U	NS		NS		NS		
		22-Mar-07	61.4	U	61.4	U	24.6	U	NS		NS		NS												
26-Apr-07		24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	NS		NS		NS			
21-May-07		44.7	U	24.6	U	24.6	U	43.2	U	24.6	U	24.6	U	24.6	U	24.6	U	NS		NS		NS			
29-Jun-07		1.2	U	0.79	U	0.59	U	1.7	U	1.7	U	0.98	U	2.6	U	1.5	U	NS		NS		NS			
30-Jul-07		0.74	U	NS	NS	NS	NS	0.98	U	NS	NS	NS	NS	2.5	U	NS	NS	NS		NS		NS			
22-Aug-07		NS	NS	NS	NS	0.98	U	NS	NS	2.46	U	NS	NS	NS	NS	NS	NS	0.98	U	0.58	U	NS			
20-Sep-07		NS	NS	2.46	U	NS	2.46	U	NS	NS	0.98	U	0.79	U	NS	0.69									
9-Oct-07		2.46	U	NS	NS	NS	NS	NS	NS	0.49	U	NS	NS	NS	NS	NS	NS	1.41	U	NS	NS	0.98	NS		
7-Nov-07		NS	NS	0.10	U	NS	NS	NS	NS	NS	NS	0.16	U	NS	NS	NS	NS	0.37	U	NS	NS	0.32	U	NS	
6-Dec-07		NS	NS	NS	NS	0.19	U	NS	NS	NS	NS	NS	NS	0.10	U	NS	NS	NS	NS	0.71	U	NS	0.61	U	
8-Jan-08		NS	NS	NS	NS	NS	NS	0.51	U	NS	NS	NS	NS	NS	NS	1.00	NS	2.90	U	NS	NS	0.10	U		
8-Feb-08		0.10	U	NS	NS	NS	NS	0.10	U	NS	NS	NS	NS	NS	NS	NS	NS	0.47	U	NS	NS	0.66	U		
27-Mar-08		NS	NS	0.14	U	NS	NS	NS	NS	NS	NS	0.10	U	NS	NS	NS	NS	NS	NS	NS	NS	0.35	U	NS	
25-Apr-08		NS	NS	NS	NS	1.60	U	NS	NS	NS	NS	NS	NS	0.23	U	NS	NS	0.19	U	NS	NS	NS	0.13	U	
1,3-Dichlorobenzene		15-Mar-07	540	U	520	U	520	U	520	U	510	U	210	U	79	U	220	U	NS		NS		NS		
		22-Mar-07	75.1	U	75.1	U	30	U	NS		NS		NS												
	26-Apr-07	30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U	NS		NS		NS			
	21-May-07	54.7	U	30	U	30	U	52.9	U	30	U	30	U	30	U	30	U	NS		NS		NS			
	29-Jun-07	0.60	U	0.60	U	0.60	U	0.60	U	0.6	U	1.2	U	0.60	U	0.60	U	NS		NS		NS			
	30-Jul-07	0.60	U	NS	NS	NS	NS	1.2	U	NS	NS	0.60	U	3.0	U	NS	NS	NS		NS		NS			
	22-Aug-07	NS	NS	NS	NS	1.2	U	NS	NS	3.0	U	NS	NS	NS	NS	NS	NS	1.20	U	0.12	U	NS			
	20-Sep-07	NS	NS	3.0	U	NS	NS	3.0	U	NS	NS	0.12	U	NS	0.12	U									
	9-Oct-07	3.0	U	NS	NS	NS	NS	NS	0.60	U	NS	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	0.12	U	NS	
	7-Nov-07	NS	NS	0.12	U	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	NS	NS	NS	0.12	U	NS	NS	0.12	U	
	6-Dec-07	NS	NS	NS	NS	0.12	U	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	NS	NS	0.12	U	NS	0.12	U	
	8-Jan-08	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	0.12	U	NS	
	8-Feb-08	0.12	U	NS	0.12	U	NS	NS	NS	NS	0.12	U	NS	NS	0.12	U	NS								
	27-Mar-08	NS	NS	0.12	U	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	NS	NS	NS	NS	NS	NS	0.12	U	NS	
	25-Apr-08	NS	NS	NS	NS	0.12	U	NS	NS	NS	NS	NS	NS	0.12	U	NS	NS	0.12	U	NS	NS	0.12	U	NS	
	1,4-Dichlorobenzene	15-Mar-07	540	U	520	U	520	U	520	U	510	U	210	U	79	U	220	U	NS		NS		NS		
		22-Mar-07	75.1	U	75.1	U	30	U	NS		NS		NS												
26-Apr-07		30	U	30	U	30	U	30	U	30	U	30	U	30	U	30	U	NS		NS		NS			
21-May-07		54.7	U	30	U	30	U	52.9	U	30	U	30	U	30	U	30	U	NS		NS		NS			
29-Jun-07		69	U	58	U	55	U	68	U	65	U	39	U	75	U	61	U	NS		NS		NS			
30-Jul-07		3.8	U	NS	NS	NS	NS	2.0	U	NS	NS	3.1	U	7.0	U	NS	NS	NS		NS		NS			
22-Aug-07		NS	NS	NS	NS	1.2	U	NS	NS	3.0	U	NS	NS	NS	NS	NS	NS	1.20	U	NS	NS	0.69	NS		
20-Sep-07		NS	NS	89.2	U	NS	NS	NS	NS	114	U	NS	NS	97.9	NS										
9-Oct-07		83.8	U	NS	NS	NS	NS	NS	NS	31	U	NS	NS	NS	NS	NS	NS	20.5	U	NS	NS	32.8	NS		
7-Nov-07		NS	NS	9.78	U	NS	NS	NS	NS	NS	NS	13.9	U	NS	NS	NS	NS	45.6	U	NS	NS	44.3	NS		
6-Dec-07		NS	NS	NS	NS	4.54	U	NS	NS	NS	NS	NS	NS	7.22	U	NS	NS	NS	NS	NS	NS	40.5	NS		
8-Jan-08		NS	NS	NS	NS	NS	NS	0.98	U	NS	NS	NS	NS	NS	NS	NS	NS	0.51	U	NS	NS	0.39	NS		
8-Feb-08		1.56	U	NS	NS	NS	NS	NS	NS	0.26	U	NS	NS	NS	NS	NS	NS	9.50	U	NS	NS	7.91	NS		
27-Mar-08		NS	NS	4.33	U	NS	NS	NS	NS	NS	NS	8.48	U	NS	NS	NS	NS	NS	NS	NS	NS	6.28	NS		
25-Apr-08		NS	NS	NS	NS	0.35	U	NS	NS	NS	NS	NS	NS	32.30	U	NS	NS	17.9	U	NS	NS	NS	16.3		
Benzene		15-Mar-07	290	U	290	U	290	U	290	U	270	U	110	U	42	U	120	U	NS		NS		NS		
		22-Mar-07	39.9	U	39.9	U	16	U	NS		NS		NS												
	26-Apr-07	16	U	16	U	16	U	16	U	16	U	16	U	16	U	16	U	NS		NS		NS			
	21-May-07	29.0	U	16	U	16	U	28.1	U	16	U	16	U	1.6	U	16	U	NS		NS	</				

**Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
Bromodichloromethane	15-Mar-07	600	U	580	U	580	U	580	U	570	U	230	U	88	U	250	U	NS	U	NS	U	NS	U
	22-Mar-07	83.7	U	83.7	U	83.7	U	83.7	U	83.7	U	83.7	U	83.7	U	33.5	U	NS	U	NS	U	NS	U
	26-Apr-07	33.5	U	33.5	U	33.5	U	33.5	U	33.5	U	33.5	U	33.5	U	33.5	U	NS	U	NS	U	NS	U
	21-May-07	60.9	U	33.5	U	33.5	U	58.9	U	33.5	U	33.5	U	3.35	U	33.5	U	NS	U	NS	U	NS	U
	29-Jun-07	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	1.3	U	0.67	U	0.67	U	NS	U	NS	U	NS	U
	30-Jul-07	0.67	U	NS	U	NS	U	1.3	U	NS	U	0.67	U	3.4	U	NS	U	NS	U	NS	U	NS	U
	22-Aug-07	NS	U	NS	U	1.34	U	NS	U	3.35	U	NS	U	NS	U	NS	U	1.34	U	0.13	U	NS	U
	20-Sep-07	NS	U	3.35	U	NS	U	3.35	U	NS	U	0.13	U	0.13	U								
	9-Oct-07	3.35	U	NS	U	NS	U	NS	U	0.67	U	NS	U	NS	U	NS	U	0.13	U	NS	U	0.13	U
	7-Nov-07	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	NS	U	NS	U	0.13	U	NS	U	0.13	U
	6-Dec-07	NS	U	NS	U	0.13	U	NS	U	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	0.13	U
	8-Jan-08	NS	U	NS	U	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	NS	U	0.13	U	0.13	U
	8-Feb-08	0.13	U	NS	U	NS	U	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	0.13	U	0.13	U
	27-Mar-08	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	0.13	U
	25-Apr-08	NS	U	NS	U	0.13	U	NS	U	NS	U	NS	U	0.13	U	NS	U	NS	U	0.13	U	0.13	U
	Bromotorm	15-Mar-07	930	U	890	U	890	U	900	U	880	U	360	U	140	U	390	U	NS	U	NS	U	NS
22-Mar-07		129	U	129	U	129	U	129	U	129	U	129	U	129	U	51.6	U	NS	U	NS	U	NS	U
26-Apr-07		51.6	U	51.6	U	51.6	U	51.6	U	51.6	U	51.6	U	51.6	U	51.6	U	NS	U	NS	U	NS	U
21-May-07		94	U	51.6	U	51.6	U	90.9	U	51.6	U	51.6	U	5.16	U	51.6	U	NS	U	NS	U	NS	U
29-Jun-07		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2.1	U	1.0	U	1.0	U	NS	U	NS	U	NS	U
30-Jul-07		1.0	U	NS	U	NS	U	2.1	U	NS	U	1.0	U	5.2	U	NS	U	NS	U	NS	U	NS	U
22-Aug-07		NS	U	NS	U	2.06	U	NS	U	2.06	U	0.21	U	NS	U								
20-Sep-07		NS	U	5.16	U	NS	U	5.16	U	NS	U	0.21	U	0.21	U								
9-Oct-07		5.16	U	NS	U	NS	U	NS	U	1.03	U	NS	U	NS	U	NS	U	NS	U	0.21	U	NS	U
7-Nov-07		NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	NS	U
6-Dec-07		NS	U	NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	NS	U	NS	U	0.21	U	0.21	U
8-Jan-08		NS	U	NS	U	NS	U	0.21	U	NS	U	NS	U	0.21	U	NS	U	0.21	U	NS	U	0.21	U
8-Feb-08		0.21	U	NS	U	NS	U	NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	0.21	U	0.21	U
27-Mar-08		NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	0.21	U
25-Apr-08		NS	U	NS	U	0.21	U	NS	U	NS	U	NS	U	0.21	U	NS	U	NS	U	0.21	U	0.21	U
Carbon tetrachloride		15-Mar-07	570	U	540	U	540	U	540	U	530	U	220	U	83	U	240	U	NS	U	NS	U	NS
	22-Mar-07	78.6	U	78.6	U	78.6	U	78.6	U	78.6	U	78.6	U	78.6	U	31.4	U	NS	U	NS	U	NS	U
	26-Apr-07	31.4	U	31.4	U	31.4	U	31.4	U	31.4	U	31.4	U	31.4	U	31.4	U	NS	U	NS	U	NS	U
	21-May-07	57.2	U	31.4	U	31.4	U	55.3	U	31.4	U	31.4	U	3.14	U	31.4	U	NS	U	NS	U	NS	U
	29-Jun-07	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	1.3	U	0.63	U	0.63	U	NS	U	NS	U	NS	U
	30-Jul-07	0.63	U	NS	U	NS	U	1.3	U	NS	U	0.63	U	3.1	U	NS	U	NS	U	NS	U	NS	U
	22-Aug-07	NS	U	NS	U	1.26	U	NS	U	3.14	U	NS	U	NS	U	NS	U	1.30	U	0.75	U	NS	U
	20-Sep-07	NS	U	3.14	U	NS	U	3.14	U	NS	U	0.41	U	0.30	U								
	9-Oct-07	3.14	U	NS	U	NS	U	NS	U	0.63	U	NS	U	NS	U	NS	U	NS	U	0.53	U	NS	U
	7-Nov-07	NS	U	0.62	U	NS	U	NS	U	NS	U	0.52	U	NS	U	NS	U	NS	U	0.56	U	NS	U
	6-Dec-07	NS	U	NS	U	0.45	U	NS	U	0.55	U	0.50	U										
	8-Jan-08	NS	U	NS	U	NS	U	0.55	U	NS	U	NS	U	NS	U	0.56	U	NS	U	0.59	U	NS	U
	8-Feb-08	0.44	U	NS	U	NS	U	NS	U	0.46	U	NS	U	NS	U	NS	U	NS	U	0.53	U	0.45	U
	27-Mar-08	NS	U	0.54	U	NS	U	0.58	U														
	25-Apr-08	NS	U	NS	U	0.42	U	NS	U	NS	U	NS	U	0.45	U	NS	U	NS	U	0.46	U	NS	U
	Chlorobenzene	15-Mar-07	420	U	400	U	400	U	400	U	390	U	160	U	61	U	170	U	NS	U	NS	U	NS
22-Mar-07		57.5	U	57.5	U	57.5	U	57.5	U	57.5	U	57.5	U	57.5	U	23	U	NS	U	NS	U	NS	U
26-Apr-07		23	U	23	U	23	U	23	U	23	U	23	U	23	U	23	U	NS	U	NS	U	NS	U
21-May-07		41.8	U	23	U	23	U	40.5	U	23	U	23	U	2.3	U	23	U	NS	U	NS	U	NS	U
29-Jun-07		0.53	U	0.46	U	0.46	U	0.46	U	0.46	U	0.92	U	0.46	U	0.46	U	NS	U	NS	U	NS	U
30-Jul-07		0.46	U	NS	U	NS	U	0.52	U	NS	U	0.46	U	2.3	U	NS	U	NS	U	NS	U	NS	U
22-Aug-07		NS	U	NS	U	0.92	U	NS	U	2.92	U	NS	U										
20-Sep-07		NS	U	2.3	U	NS	U	2.3	U	0.09	U												
9-Oct-07		2.3	U	NS	U	NS	U	NS	U	0.46	U	NS	U	NS	U	NS	U	NS	U	0.09	U	NS	U
7-Nov-07		NS	U	0.09	U	NS	U	0.09	U	NS	U												
6-Dec-07		NS	U	NS	U	0.09	U	NS	U	0.09	U	NS	U										
8-Jan-08		NS	U	NS	U	NS	U	0.09	U	NS	U	NS	U	NS	U	0.14	U	NS	U	0.09	U	NS	U
8-Feb-08		0.09	U	NS	U	NS	U	NS	U	0.09	U	NS	U	NS	U	NS	U	NS	U	0.09	U	NS	U
27-Mar-08		NS	U	0.05	U	NS	U	0.09	U	NS	U												
25-Apr-08		NS	U	NS	U	0.09	U	NS	U	NS	U	NS	U	0.09	U	NS	U	NS	U	0.09	U	NS	U
Chloroethane		15-Mar-07	240	U	230	U	230	U	230	U	220	U	91	U	35	U	99	U	NS	U	NS	U	NS
	22-Mar-07	33	U	33	U	33	U	33	U	33	U	33	U	33	U	13.2	U	NS	U	NS	U	NS	U
	26-Apr-07	13.2	U	13.2	U	13.2	U	13.2	U	13.2	U	13.2	U	13.2	U	13.2	U	NS	U	NS	U	NS	U
	21-May-07	24	U	13.2	U	13.2	U	23.2	U	13.2	U	13.2	U	1.3									









**Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
n-Butylbenzene	15-Mar-07	12000	U	12000	U	12000	U	12000	U	12000	U	4700	U	1800	U	5100	U	NS	NS	NS	NS	NS	NS
	22-Mar-07	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	27.4	U	NS	NS	NS	NS	NS	NS
	26-Apr-07	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	NS	NS	NS	NS	NS	NS
	21-May-07	49.9	U	27.4	U	27.4	U	48.3	U	27.4	U	27.4	U	27.4	U	27.4	U	NS	NS	NS	NS	NS	NS
	29-Jun-07	5.5	U	5.5	U	5.5	U	5.5	U	5.5	U	11	U	5.5	U	5.5	U	NS	NS	NS	NS	NS	NS
	30-Jul-07	14	U	NS	NS	NS	U	27	U	NS	NS	14	U	69	U	NS	U	NS	NS	NS	NS	NS	NS
	22-Aug-07	NS	NS	NS	U	27.4	U	NS	NS	68.6	U	NS	NS	NS	NS	NS	U	27.4	U	2.74	U	2.74	U
	20-Sep-07	NS	NS	68.6	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	68.6	U	NS	NS	2.74	U	2.74	U
	9-Oct-07	68.6	U	NS	NS	NS	NS	NS	NS	13.7	U	NS	NS	NS	NS	NS	U	2.74	U	NS	NS	2.74	U
	7-Nov-07	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
	6-Dec-07	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	U	NS	NS	2.74	U	2.74	U
	8-Jan-08	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	2.74	U	2.74	U
	8-Feb-08	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
	27-Mar-08	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
	25-Apr-08	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	U	NS	NS	2.74	U	2.74	U
	sec-Butylbenzene	15-Mar-07	11000	U	11000	U	11000	U	11000	U	10000	U	4200	U	1600	U	4600	U	NS	NS	NS	NS	NS
22-Mar-07		68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	27.4	U	NS	NS	NS	NS	NS	NS
26-Apr-07		27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	NS	NS	NS	NS	NS	NS
21-May-07		49.9	U	27.4	U	27.4	U	48.3	U	27.4	U	27.4	U	27.4	U	27.4	U	NS	NS	NS	NS	NS	NS
29-Jun-07		12	U	12	U	12	U	12	U	12	U	25	U	12	U	12	U	NS	NS	NS	NS	NS	NS
30-Jul-07		12	U	NS	NS	25	U	NS	NS	12	U	61	U	NS	NS	NS	U	NS	NS	NS	NS	NS	NS
22-Aug-07		NS	NS	27.4	U	NS	NS	68.6	U	NS	NS	NS	NS	NS	NS	NS	U	27.4	U	2.74	U	2.74	U
20-Sep-07		NS	NS	68.6	U	NS	NS	NS	NS	NS	NS	NS	NS	68.6	U	NS	U	NS	NS	2.74	U	2.74	U
9-Oct-07		68.6	U	NS	NS	NS	NS	13.7	U	NS	NS	NS	NS	NS	NS	NS	U	2.74	U	NS	NS	2.74	U
7-Nov-07		NS	NS	2.74	U	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
6-Dec-07		NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	U	NS	NS	2.74	U	2.74	U
8-Jan-08		NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	2.74	U	2.74	U
8-Feb-08		2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
27-Mar-08		NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
25-Apr-08		NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	2.74	U	NS	NS	2.74	U
Isopropylbenzene		15-Mar-07	11000	U	11000	U	11000	U	11000	U	10000	U	4200	U	1600	U	4600	U	NS	NS	NS	NS	NS
	22-Mar-07	61.4	U	61.4	U	61.4	U	61.4	U	61.4	U	61.4	U	61.4	U	24.6	U	NS	NS	NS	NS	NS	NS
	26-Apr-07	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	24.6	U	NS	NS	NS	NS	NS	NS
	21-May-07	44.7	U	24.6	U	24.6	U	43.2	U	24.6	U	24.6	U	24.6	U	24.6	U	NS	NS	NS	NS	NS	NS
	29-Jun-07	12	U	12	U	12	U	12	U	12	U	25	U	12	U	12	U	NS	NS	NS	NS	NS	NS
	30-Jul-07	12	U	NS	NS	NS	U	25	U	NS	NS	12	U	61	U	NS	U	NS	NS	NS	NS	NS	NS
	22-Aug-07	NS	NS	24.6	U	NS	NS	61.4	U	NS	NS	NS	NS	NS	NS	NS	U	24.6	U	2.46	U	2.46	U
	20-Sep-07	NS	NS	61.4	U	NS	NS	NS	NS	NS	NS	NS	NS	61.4	U	NS	U	NS	NS	2.46	U	2.46	U
	9-Oct-07	61.4	U	NS	NS	NS	NS	12.3	U	NS	NS	NS	NS	NS	NS	NS	U	2.46	U	NS	NS	2.46	U
	7-Nov-07	NS	NS	2.46	U	NS	NS	NS	NS	2.46	U	NS	NS	NS	NS	NS	U	2.46	U	2.46	U	2.46	U
	6-Dec-07	NS	NS	NS	NS	2.46	U	NS	NS	NS	NS	2.46	U	NS	NS	NS	U	NS	NS	2.46	U	2.46	U
	8-Jan-08	NS	NS	NS	NS	NS	NS	2.46	U	NS	NS	NS	NS	NS	NS	2.46	U	NS	NS	2.46	U	2.46	U
	8-Feb-08	2.46	U	NS	NS	NS	NS	NS	NS	2.46	U	NS	NS	NS	NS	NS	U	2.46	U	2.46	U	2.46	U
	27-Mar-08	NS	NS	2.46	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	2.46	U	2.46	U	2.46	U
	25-Apr-08	NS	NS	NS	NS	2.46	U	NS	NS	NS	NS	NS	NS	2.46	U	NS	U	NS	NS	2.46	U	2.46	U
	p-Isopropyltoluene	15-Mar-07	12000	U	12000	U	12000	U	12000	U	12000	U	4700	U	1800	U	5100	U	NS	NS	NS	NS	NS
22-Mar-07		68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	68.6	U	27.4	U	NS	NS	NS	NS	NS	NS
26-Apr-07		27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	27.4	U	NS	NS	NS	NS	NS	NS
21-May-07		49.9	U	27.4	U	27.4	U	48.3	U	27.4	U	27.4	U	27.4	U	27.4	U	NS	NS	NS	NS	NS	NS
29-Jun-07		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	2.2	U	1.1	U	1.1	U	NS	NS	NS	NS	NS	NS
30-Jul-07		14	U	NS	NS	NS	U	27	U	NS	NS	14	U	69	U	NS	U	NS	NS	NS	NS	NS	NS
22-Aug-07		NS	NS	NS	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	27.4	U	2.74	U	2.74	U
20-Sep-07		NS	NS	68.6	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	NS	2.74	U	2.74	U
9-Oct-07		68.6	U	NS	NS	NS	NS	NS	NS	13.7	U	NS	NS	NS	NS	NS	U	2.74	U	NS	NS	2.74	U
7-Nov-07		NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	U	NS	NS	2.74	U	2.74	U
6-Dec-07		NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	NS	2.74	U	2.74	U
8-Jan-08		NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	2.74	U	2.74	U
8-Feb-08		2.74	U	NS	NS	NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
27-Mar-08		NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	2.74	U	2.74	U	2.74	U
25-Apr-08		NS	NS	NS	NS	2.74	U	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	2.74	U	NS	NS	2.74	U
Acetone		15-Mar-07	2000000	U	2400000	U	1300000	U	1900000	U	250000	U	2300000	U	910000	U	1200000	U	NS	NS	NS	NS	NS
	22-Mar-07	44100	U	93600	U	583000	U	55500	U	54700	U	1320000	U	2390	U	50100	U	NS	NS	NS	NS	NS	NS
	26-Apr-07	1650	U	1300	U	14100	U	1390	U	2160	U	30000	U	188	U	11000							

**Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds  
March 2007 - April 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
2-Butanone	15-Mar-07	19000000		18000000		6000000		16000000		3600000		6800000		700000		6700000		NS		NS		NS		
	22-Mar-07	505000		1180000		3590000		742000		739000		5120000		51900		357000		NS		NS		NS		
	26-Apr-07	26200		15100		67600		19000		22200		93000		2620		43000		NS		NS		NS		
	21-May-07	29500		4360		13600		14100		15900		10700		1.47	U	10200		NS		NS		NS		
	29-Jun-07	7100		6200		8300		11000		9400		21000		2200		12000		NS		NS		NS		
	30-Jul-07	4900		NS		NS		180000		NS		13000		NS		NS		NS		NS		NS		
	22-Aug-07	NS		NS		2810		NS		3600		NS		NS		NS		14.7	U	3.58		NS		
	20-Sep-07	NS		14800		NS		NS		NS		NS		NS		2700		NS		7.71		6.51		
	9-Oct-07	2600		NS		NS		NS		512		NS		NS		NS		4.52		NS		10.9		
	7-Nov-07	NS		277		NS		NS		677		NS		NS		NS		2.74		NS		2.46		
	6-Dec-07	NS		NS		49.4		NS		NS		NS		36.9		NS		NS		33.4		22.9		
	8-Jan-08	NS		NS		NS		331		NS		NS		NS		566		1.77		NS		1.47	U	
	8-Feb-08	126		NS		NS		NS		1.47	U	NS		NS		NS		3.08		10.6		NS		
	27-Mar-08	NS		226		NS		NS		NS		NS		NS		NS		NS		11.9		3.90		
	25-Apr-08	NS		NS		477		NS		NS		NS		1680		NS		2.24		NS		1.47	U	
	4-Methyl-2-pentanone	15-Mar-07	9200	U	8800	U	8800	U	8900	U	8700	U	3500	U	1400	U	3900	U	NS		NS		NS	
		22-Mar-07	51.2	U	51.2	U	51.2	U	51.2	U	51.2	U	51.2	U	51.2	U	20.5	U	NS		NS		NS	
		26-Apr-07	20.5	U	20.5	U	20.5	U	20.5	U	20.5	U	20.5	U	20.5	U	20.5	U	NS		NS		NS	
		21-May-07	37.2	U	20.5	U	20.5	U	36	U	20.5	U	20.5	U	2.05	U	20.5	U	NS		NS		NS	
		29-Jun-07	10	U	10	U	10	U	10	U	10	U	20.0	U	10	U	10	U	NS		NS		NS	
30-Jul-07		10	U	NS		NS		20	U	NS		10.0	U	51	U	NS		NS		NS		NS		
22-Aug-07		NS		NS		20.5	U	NS		51.2	U	NS		NS		NS		20.5	U	2.05	U	NS		
20-Sep-07		NS		51.2	U	NS		NS		NS		NS		NS		51.2	U	NS		2.05	U	2.05	U	
9-Oct-07		51.2		NS		NS		NS		10.2		NS		NS		NS		2.05	U	NS		2.05	U	
7-Nov-07		NS		2.05	U	NS		NS		NS		2.05		NS		NS		2.05	U	2.05		NS		
6-Dec-07		NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		NS		2.05	U	2.05	U	
8-Jan-08		NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05	U	2.05	U	
8-Feb-08		2.05	U	NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	8.70		NS		
27-Mar-08		NS		2.05	U	NS		NS		NS		NS		NS		NS		NS		15.20		2.05	U	
25-Apr-08		NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05	U	NS		2.05	U	

Notes:  
 All data presented in micrograms per cubic meter (ug/m3).  
 U: designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.  
 NS: not sampled.  
 \* = Site Specific Compound of Concern per ATSDR Health Consultation, December 4, 2006.