EA Engineering, Science, and Technology, Inc.

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23 September 2008

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

RE: Quarterly O&M Status Report No. 4
Adelaide Avenue High 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 Quarterly Operations and Maintenance (O&M) Status Report in accordance with Provision 6(f) of the Order of Approval and amendments (Amended OA) for the referenced Adelaide Avenue High School site (the Site). This O&M Report summarizes recently completed Site activities related to compliance sub-slab vapor and indoor air sampling from the period between June 2008 and August 2008. 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.

Mark K. Speer

Mark K. Speer, P.E.
Senior Engineer

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

Quarterly O&M Status Report No. 4

Summarizing Sub-Slab Depressurization and Indoor Air Monitoring and Sampling Activities

Adelaide Avenue High School Facility Providence, Rhode Island

Prepared for

City of Providence Department of Public Property
Providence City Hall
Providence, Rhode Island 02903

Prepared by

EA Engineering, Science, and Technology, Inc.
2350 Post Road
Warwick, Rhode Island 02886
(401) 736-3440

September 2008
EA Project No. 61965.01

CONTENTS

FIGURES

APPENDIXES

1. INTRODUCTION AND BACKGROUND

On behalf of the City of Providence (the City), EA Engineering, Science, and Technology, Inc. (EA) has prepared this Quarterly Operations and Maintenance (O&M) Status Report No.4 for the Parcel B area of the former Gorham Manufacturing site in Providence, Rhode Island now referred to as the Adelaide Avenue High School site (the Site). A Site Location Map is provided as Figure 1. This report has been prepared to satisfy provision 6(f) of the Rhode Island Department of Environmental Management (RIDEM) Order of Approval (OA) issued in June 2006, as amended in February and July 2007. For the purposes of this report, the original and the amended Orders of Approval will collectively be referred to as the Amended OA.

The Amended OA specifies the details of the approved remedy for the Site, including but not limited to the installation of a sub-slab depressurization (SSD) system, installation of a continuous indoor air methane monitoring system, and implementation of an associated periodic monitoring and sampling program. In August 2007, the RIDEM-approved remedy for the Site was completed and a Remedial Action Closure Report (RACR) was submitted to RIDEM.

This report summarizes the O&M, monitoring, and sampling activities completed at the Site for the 3-month period from June through August 2008 (Quarterly Reporting Period No. 4), and also includes an overall evaluation of volatile organic compound (VOC) concentrations within soil gas as they pertain to a potential "rebound effect" at the Site. Please refer to the Quarterly O&M Status Reports No. 1, No. 2, and No. 3 for information regarding monitoring and sampling at the Site during the previous quarters. The RACR and previously submitted monthly correspondence contain details regarding the results of the monitoring and sampling program for the period between March and August 2007.

2. SUMMARY OF SSD SYSTEM AND INDOOR METHANE MONITORING SYSTEM PERFORMANCE

2.1 SSD SYSTEM

During this reporting period, the following SSD System performance parameters were inspected and/or monitored at the frequencies indicated below in accordance with the Amended OA to evaluate system performance:

- Monthly sub-slab vacuum monitoring at 11 monitoring locations, as illustrated on the As-Built Sub-Slab Monitoring & Sampling Plan included in Appendix C
- Monthly inspections and monitoring of roof-top fans (air velocity and vacuum) to verify proper operation
- Continuous electronic monitoring (with automatic alarm notification via audible signal and phone notification) at each of three SSD System extraction fans to ensure continuous operation.

All vacuum measurements taken at each interior and perimeter sub-slab monitoring/sampling location were greater than or equal to -0.02 in. of water column, indicating continuous proper and adequate negative pressure values beneath the building slab.

Inspections and monitoring of all other system equipment revealed proper system operation, and no equipment shut-downs, failures, alarms, or interruptions of any type occurred during this reporting period. The continuous, verified zone of negative pressure beneath the school's concrete slab, along with the monthly inspections and continuous monitoring of both the indoor air monitoring system and the sub-slab depressurization system, confirms proper operation of the SSD System during this reporting period.

Copies of O&M field forms summarizing SSD System monitoring data collected during this reporting period are provided in Appendix A.

2.2 INDOOR METHANE MONITORING SYSTEM

During this reporting period, indoor methane concentrations were continuously monitored by an indoor methane monitoring system (equipped with automatic alarm notification via audible signal and phone notification) within the school at eight RIDEM-approved locations (refer to the Indoor Air Sampling and Methane Monitoring System Diagram included in Appendix B). In addition, the methane monitoring system was inspected, and supplemental methane monitoring was completed by EA on a monthly basis to provide an additional layer of system verification. The indoor methane monitoring system operated continuously throughout this reporting period with no equipment shut-downs, failures, alarms, or interruptions of any type, and no methane was detected during any of the supplemental monthly indoor methane monitoring events.

In June 2008, filter discs at each of the eight continuous methane sensors were replaced in accordance with a quarterly frequency schedule. The next filter replacement is scheduled for September 2008.

No other maintenance or repairs to the methane monitoring system or components were performed or required during this reporting period.

2.3 AMBIENT OUTDOOR AND INDOOR AIR SAMPLING

One outdoor ambient air sample and eight indoor air samples within the school at RIDEM-approved sampling locations were collected and analyzed for VOCs via Method TO-15 SIM (Selective Ion Monitoring) on 27 June 2008, 31 July 2008, and 28 August 2008. Sampling locations are shown on the Indoor Air Sampling and Methane Monitoring System Diagram provided in Appendix B. In accordance with the Amended OA, the indoor air sampling results were compared to the State of Connecticut's Draft Proposed Indoor Residential Targeted Air Concentrations (CT RTACs). The laboratory reporting limits (RLs) for several VOCs reported via TO-15 analysis, even though analyzed via the SIM procedure, are greater than the respective CT RTACs. In accordance with the Amended OA, EA contacted the laboratory prior to sample analysis to verify that the RLs provided would be the lowest currently achievable limits. A RL verification letter from Alpha Woods Hole Labs (AlphaWH) is provided in Appendix D. A data summary table and copies of the laboratory data reports associated with these three sampling events are provided in Appendix B.

On 18 July 2008, EA contacted RIDEM via telephone to provide notification that two compounds, bromodichloromethane and methylene chloride, were detected within one and two samples, respectively. Bromodichloromethane was detected at a concentration of 0.23 $\mu g/m^3$ within the Media Center (Room 145) and methylene chloride was detected within Room 110 and in the ambient air at concentrations of 6.94 and 19 $\mu g/m^3$, respectively.

Upon receipt of these detections, EA contacted Alpha WH to ask them to investigate these detections. The letter details standard operating procedures for air analysis, and describes how the sample collected within the Media Center (Room 145) was cross contaminated and therefore should not be included in the ongoing data tabulation.

Regarding the detection of methylene chloride, the laboratory did not have evidence concluding cross contamination caused the detection. However, methylene chloride was also detected in the ambient sample, collected outside of the school, at a much higher concentration. Therefore, since the school ventilation system is taking in "fresh" outside air, it is reasonable for methylene chloride to also have been detected in the sample taken within the school.

Based on the factors detailed above, it has become clear that these detections are due to cross contamination and/or are anomalous, and not due to soil vapor intrusion. Therefore, the SSD System continues to operate effectively in accordance with design, and the data demonstrates that soil vapor intrusion is not occurring within the Adelaide Avenue School. The original June Sampling Summary Letter is provided as Appendix E.

Carbon tetrachloride, a documented background ambient compound present at the Site and typical in urban communities, has consistently been detected in ambient outdoor air and inside the school during every sampling event completed at the Site at concentrations ranging between 0.36 to 0.77 ug/m^3. Similarly, during this reporting period, the ambient outdoor and indoor air concentrations of carbon tetrachloride ranged between 0.53 and 0.57 ug/m^3. Based upon discussions and guidance provided by the Rhode Island Department of Health and RIDEM Office of Waste Management and Office of Air Resources, these carbon tetrachloride results do not constitute Indoor Air Action Level exceedances for the Site since they are consistent with documented background concentrations.

2.4 SUB-SLAB VAPOR SAMPLING AND EVALUATION OF POTENTIAL "VOC REBOUND" EFFECT

A total of 12 RIDEM-approved sub-slab sampling locations exist at the Site. In accordance with the Amended OA, four sub-slab vapor samples were collected in accordance with a RIDEM-approved rotating sampling schedule and analyzed for VOCs via Method TO-15 SIM on 27 June 2008, 31 July 2008, and 28 August 2008. The sub-slab data is summarized in Appendix C along with copies of the laboratory data reports associated with these sampling events.

In accordance with the Amended OA, the sub-slab data has been evaluated and there is no evidence of increasing VOCs (i.e., VOC rebound) beneath the school.

2.5 SUMMARY OF ROOF-TOP VOC EMISSIONS

The Amended OA requires that roof-top VOC sampling be completed on an annual basis. Roof-top effluent samples from the three SSD system fans were collected during this sampling round. Previous roof-top effluent sampling rounds conducted in March 2007 (immediately after SSD system startup) and June 2007 indicated compliance with all Air Pollution Control Permit Applicability Thresholds. In general, the VOC concentrations in the rooftop effluent associated with the June 2008 sampling round are significantly less than those measured during the March 2007 sampling event. Taking actual air flow measurements collected during the 29 June 2007 sampling event into account, the roof-top VOC emissions are similarly significantly less than those calculated based upon the March sampling event. Furthermore, the Air Pollution Control Permit Applicability Thresholds continue to be met. The roof-top sampling analytical report is provided as Appendix F.

2.6 CONCLUSIONS

Based upon the completed inspections, monitoring, and sampling performed during this reporting period, the following conclusions are made:

- There is no evidence that soil vapor intrusion into the Adelaide Avenue High School is occurring.

- There is no evidence of "VOC rebound" in soil gas beneath the school.

- The continuous operation of the SSD System, with no equipment malfunctions or alarm conditions, and confirmation of continuous sub-slab vacuum beneath the school, illustrates ongoing, effective operation of the SSD System and that no soil vapor intrusion pathway exists at the school while the SSD System is operational.

- The continuous operation of the indoor air methane monitoring system with no equipment malfunctions or alarm conditions illustrates ongoing, effective operation of the continuous indoor methane monitoring system.

- No SSD System modifications or other actions to address current site conditions are warranted or proposed at this time.

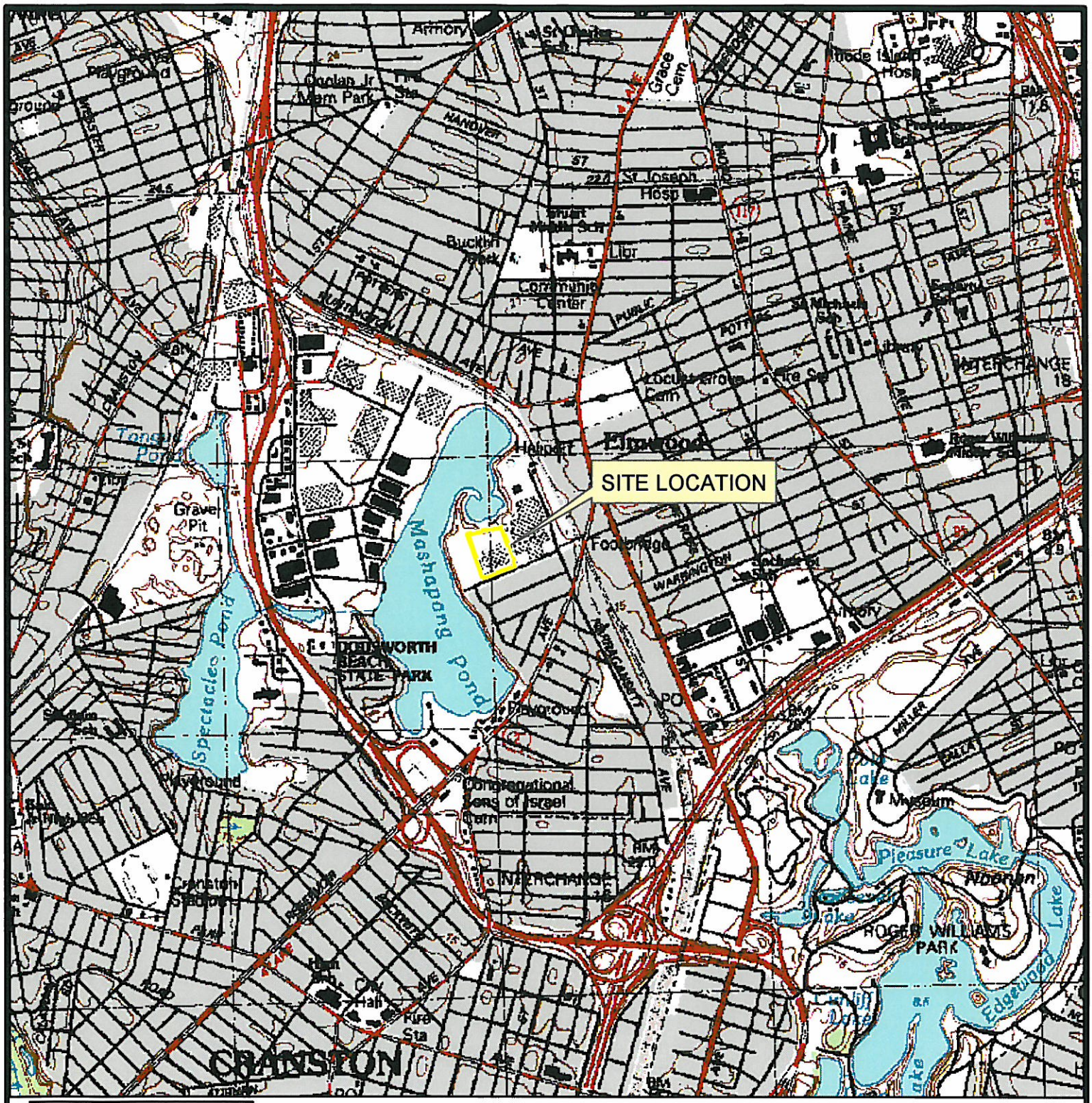
3. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT

During the next quarterly status reporting period ending 30 November 2008, the following activities will be completed in accordance with the Amended OA:

- Continuous indoor methane monitoring
- Continuous monitoring of the operational status of the three roof-top fans
- Site inspections and monitoring
- Collection of air samples from eight indoor locations, one ambient location, and four rotating sub-slab monitoring points.

These activities will be summarized in the next status report (Quarterly Status Report No. 5) expected to be submitted by the end of December 2008.

Figures



EA	FORMER GORHAM MANUFACTURING SITE, PARCEL B 333 ADELAIDE AVENUE PROVIDENCE, RHODE ISLAND					FIGURE 1 SITE LOCATION MAP	
PROJECT MGR: TR	DESIGNED BY: DC	CREATED BY: DC	CHECKED BY: JP	SCALE: AS SHOWN	DATE: FEBRUARY 2005	PROJECT NO: 6196501	FILE NO: I:\RI\FIG1 333 ADELAIDE_PROV.MXD

Appendix A

O&M Field Forms

Adelaide Avenue School - SSD & Interior Methane Monitoring System O&M Form

Date of O&M: 8/28/2008 Performed by: Darnell Anderson & Paul Theroux

PID/Methane Calibration? US Calibrated (**yes**/no)

Date of last Methane Sensor Filter Replacement: 6/27/2008 Replaced this O&M Visit? no (yes/no)

General Status of SSD System: On-Line

General Status of Methane Monitoring System: On-Line

Eng. Cap/Fence Inspection Performed/Notes: Good - No deficiencies noted

			VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						
Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	PID (ppm)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc …. continue on separate sheet if needed)
Gymnasium	NA	NA	0.27	0	0	0	544	0448	0710	-30	0740	-2	Janitor swept during sampling
Cafeteria	NA	NA	0.22	0	0	0	200	0147	0708	-30	0738	-1	
Kitchen Storage Room	NA	NA	0.24	0	0	0	495	0153	0709	-30+	0741	-4	
Elevator Hallway	NA	NA	0.23	0	0	0	539	0364	0708	-30	0738	-3	Prevalent perfume smell
Room 145	NA	NA	0	0	0	0	410	0159	0702	-30+	0732	-4	
Room 152	NA	NA	0	0	0	0	368	0042	0703	-30+	0733	-4	
Room 118	NA	NA	0.66	0	0	0	451	0330	0705	-30+	0735	-5	Perfume smell noted
Room 110	NA	NA	0.40	0	0	0	327	0279	0706	-30+	0736	-5	
MP-1	-0.12	NA	1.12	NA	0	0	--	--	--	--	--	--	
MP-2	-0.11	NA	0.99	NA	0	0	--	--	--	--	--	--	
MP-3	-0.03	NA	9.74	NA	0	0	471	0267	0848	-30	0918	-3	
MP-4	-0.09	NA	2.08	NA	0	0	--	--	--	--	--	--	
MP-5	-0.10	NA	1.94	NA	0	0	--	--	--	--	--	--	
MP-6	-0.09	NA	1.03	NA	0	0	--	--	--	--	--	--	
MP-7	-0.04	NA	2.94	NA	0	0	464	0331	0902	-30	0930	-1	
MP-8	-0.13	NA	0.95	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.04	NA	1.09	NA	0	0	535	0174	0943	-25	1014	-4	
IMP-2	-0.04	NA	1.80	NA	0	0	113	0217	0949	-29	1016	-1	Floor wax over the MP cover
IMP-3	-0.03	NA	1.92	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 1	-1.8	2047	1.24	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-3.8	2190	1.64	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.1	1274	12.00	NA	0	0	--	--	--	--	--	--	
Ambient Outdoor Air	NA	NA	0.01	NA	0	0	349	0446	0720	-30+	0750	-2	

NA: not applicable.
NM: not monitored on this date.
NS : not sampled on this date.
* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.

Adelaide Avenue School - SSD & Interior Methane Monitoring System O&M Form

Date of O&M: 7/31/2008 Performed by: Darnell Anderson

PID/Methane Calibration? US Calibrated (**yes**/no)

Date of last Methane Sensor Filter Replacement: 6/27/2008 Replaced this O&M Visit? no (yes/no)

General Status of SSD System: On-Line

General Status of Methane Monitoring System: On-Line

Eng. Cap/Fence Inspection Performed/Notes: Good - No deficiencies noted

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc …. continue on separate sheet if needed)
			PID (ppm)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA	NA	0	0	0	0	376	0415	9:34	-30	10:04	-1	
Cafeteria	NA	NA	0	0	0	0	541	0325	9:32	-30	10:02	-4	
Kitchen Storage Room	NA	NA	0	0	0	0	346	0298	9:30	-30	10:00	-3	
Elevator Hallway	NA	NA	0	0	0	0	456	0151	9:40	-29	10:10	-3	
Room 145	NA	NA	0	0	0	0	230	0301	10:20	-29	10:50	-2	
Room 152	NA	NA	0	0	0	0	468	0340	10:21	-30	10:51	-2	
Room 118	NA	NA	0	0	0	0	179	0326	9:42	-30	10:12	-4	
Room 110	NA	NA	0	0	0	0	461	0321	9:44	-30	10:10	-3	Floor recently stripped
MP-1	-0.02	NA	2.26	NA	0	0	--	--	--	--	--	--	
MP-2	-0.07	NA	0.379	NA	0	0	344	0275	13:00	-30	13:30	-5	
MP-3	-0.06	NA	0.707	NA	0	0	--	--	--	--	--	--	
MP-4	-0.05	NA	0.58	NA	0	0	--	--	--	--	--	--	
MP-5	-0.06	NA	0.86	NA	0	0	--	--	--	--	--	--	
MP-6	-0.05	NA	25.2	NA	0	0	457	-160	13:30	-29	14:00	-4	Surface water in PVC riser
MP-7	-0.02	NA	0.625	NA	0	0	--	--	--	--	--	--	
MP-8	-0.09	NA	0.800	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.04	NA	0	NA	0	0	200	0327	10:00	-30	10:30	-4	
IMP-2	-0.02	NA	0.140	NA	0	0	--	--	--	--	--	--	
IMP-3	-0.02	NA	0.043	NA	0	0	444	0400	10:35	-28	11:05	-5	
Roof-Top Fan 1	-2.9	1560	0.047	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-3.7	2250	0.110	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.0	1420	0.706	NA	0	0	--	--	--	--	--	--	
Ambient Outdoor Air	NA	NA	0.097	NA	0	0	237	0391	12:40	-30	13:10	-2	

NA: not applicable.
NM: not monitored on this date.
NS : not sampled on this date.
* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.

Adelaide Avenue School - SSD & Interior Methane Monitoring System O&M Form

Date of O&M: 6/27/2008 Performed by: Darnell Anderson

PID/Methane Calibration? US Calibrated (**yes**/no)

Date of last Methane Sensor Filter Replacement: 3/8/2008 Replaced this O&M Visit? Yes (yes/no)

General Status of SSD System: On-Line

General Status of Methane Monitoring System: On-Line

Eng. Cap/Fence Inspection Performed/Notes: Good - No deficiencies noted

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc …. continue on separate sheet if needed)
			PID (ppm)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA	NA	0.470	0	0	0	474	0330	10:06	-26	10:36	-3	FC#i / was broken/replaced
Cafeteria	NA	NA	0	0	0	0	225	0447	10:05	-30	10:35	-2	FC=0447
Kitchen Storage Room	NA	NA	0.000	0	0	0	548	0301	12:10	-30	12:40	-1	
Elevator Hallway	NA	NA	0.138	0	0	0	496	0041	10:07	-30	10:37	-4	perfume smell/staff moved to office
Room 145	NA	NA	0.164	0	0	0	220	0300	10:20	-30	10:50	-2	
Room 152	NA	NA	0	0	0	0	133	0074	10:21	-30	10:51	-2	
Room 118	NA	NA	0	0	0	0	407	0316	10:35	-28	11:05	-1	FC=0316/FC#50 replaced
Room 110	NA	NA	0	0	0	0	197	0451	10:36	-30	11:06	-2	
MP-1	-0.02	NA	1.82	NA	0	0	524	0325	13:40	-30	14:10	-1	
MP-2	-0.03	NA	2.6	NA	0	0	--	--	--	--	--	--	
MP-3	--	NA	20.1	NA	0	0	--	--	--	--	--	--	
MP-4	-0.05	NA	0.485	NA	0	0	--	--	--	--	--	--	
MP-5	-0.06	NA	1.05	NA	0	0	522	0151	13:50	-28	14:20	-4	
MP-6	--	NA	0.334	NA	0	0	--	--	--	--	--	--	
MP-7	-0.03	NA	0.060	NA	0	0	--	--	--	--	--	--	
MP-8	-0.06	NA	1.22	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.04	NA	1.29	NA	0	0	--	--	--	--	--	--	
IMP-2	-0.03	NA	1.30	NA	0	0	401	0364	11:30	-29	12:00	-5	
IMP-3	-0.02	NA	3.15	NA	0	0	501	0328	11:25	-29	11:55	-1	
Roof-Top Fan 1	-1.8	1350	0.21	NA	0	0	532	50	14:05	N/A	14:05	N/A	grab
Roof-Top Fan 2	-3.7	2150	0.27	NA	0	0	342	1	14:10	N/A	14:10	N/A	grab
Roof-Top Fan 3	-2.0	1360	0.122	NA	0	0	191	1	13:15	N/A	13:15	N/A	grab sample
Ambient Outdoor Air	NA	NA	0.097	NA	0	0	467	0235	13:52	-27	14:22	-1	

NA: not applicable.
NM: not monitored on this date.
NS : not sampled on this date.
* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.

Appendix B

Indoor and Ambient Outdoor Air Analytical Summary and Lab Reports

Methane Sensor Location in West Wing

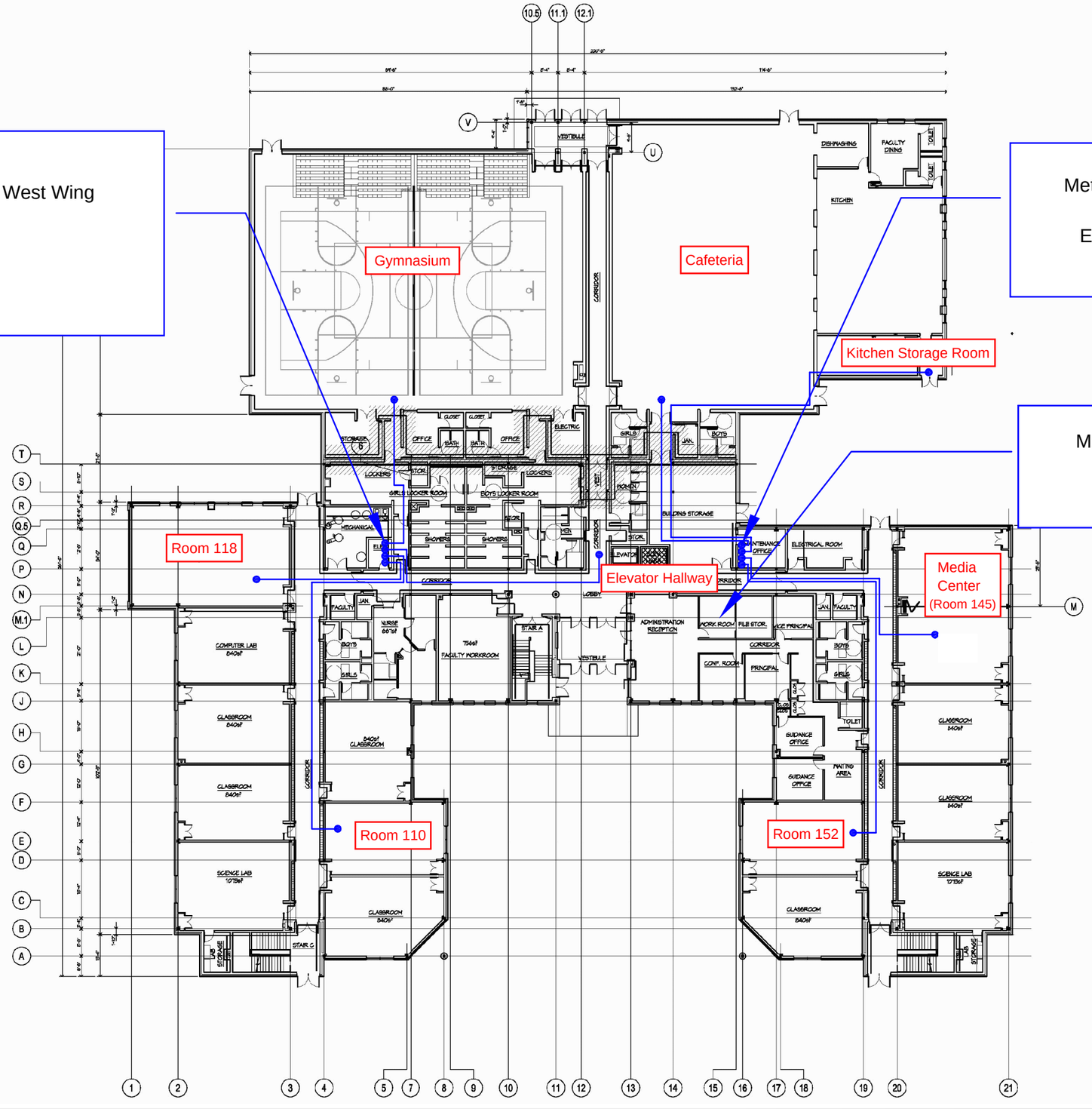
Electrical Room Area

Methane Sensor Location in East Wing

Electrical Room/Maintenance Office Area.

Methane System Controller Location

Adminstration 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	INDOOR AIR SAMPLING AND METHANE MONITORING SYSTEM DIAGRAM - GORHAM HIGH SCHOOL PROVIDENCE, RHODE ISLAND
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. –	FIGURE N/A	QUARTERLY STATUS REPORT APPENDIX B

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

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
1,1,1-Trichloroethane*	15-Mar-07		0.11		0.11		0.11		0.11		0.11		0.11	U	0.11		0.11		0.11	U
	22-Mar-07		0.16		0.11		0.11		0.11		0.11		0.11		0.11		0.11		0.11	
	26-Apr-07		0.12		0.12		0.19		0.13		0.14		0.12		0.12		0.11		0.11	
	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
	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
	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
	22-Aug-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12		0.11	U	0.11	U
	20-Sep-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
	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
	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
	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
	8-Jan-08		0.16		0.14		0.11	U	0.12		0.12		0.12		0.13		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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
1,1,1,2-Tetrachloroethane	15-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
	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
	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
	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
	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
	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
	20-Sep-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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.18		0.14	U	0.14	U
	31-Jul-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
	28-Aug-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
1,1,2,2-Tetrachloroethane	15-Mar-07		0.14	U	0.14	U	0.14	U	53		3.0		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
	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
	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
	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
	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
	20-Sep-07	0.011 / 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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.99		0.14	U	0.14	U
	31-Jul-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
	28-Aug-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
1,1,2-Trichloroethane	15-Mar-07		0.11	U	0.11	U	0.11	U	0.27		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
	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
	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
	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
	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
	22-Aug-07	2.2	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.30		0.11	U	0.11	U
	31-Jul-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
	28-Aug-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
1,1-Dichloroethane	15-Mar-07		0.08	U	0.08	U	0.08	U	0.08	U	0.24		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	0.24		0.36		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
	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
	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
	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
	22-Aug-07	77	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
	20-Sep-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
	9-Oct-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
	7-Nov-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
	6-Dec-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
	8-Jan-08		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
	8-Feb-08		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
	27-Mar-08		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
	25-Apr-08		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-May-08		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
	27-Jun-08		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
	31-Jul-08		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
	28-Aug-08		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

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Cntr (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
1,1-Dichloroethene	15-Mar-07		0.08	U	0.08	U	0.08	U	0.08		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
	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
	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
	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
	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
	22-Aug-07	10	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
	20-Sep-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
	9-Oct-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
	7-Nov-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
	6-Dec-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
	8-Jan-08		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
	8-Feb-08		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
	27-Mar-08		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
	25-Apr-08		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-May-08		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
	27-Jun-08		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
	31-Jul-08		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
	28-Aug-08		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
1,2,4-Trimethylbenzene	15-Mar-07		7.8		130		300		160		16		22		60		100		0.59	
	22-Mar-07		8.1		16.6		18.3		1.57		1.52		1.72		14.3		2.7		0.10	U
	26-Apr-07		6.58		10.6		3.08		11.6		15.3		0.72		22.2		7.26		0.10	U
	21-May-07		19.7		10		6.18		22.2		2.69		9.14		14.4		8.32		0.10	U
	29-Jun-07		16		9.8		7.1		9.9		1.5		0.53		1.5		3.8		0.19	
	30-Jul-07		8.4		4.7		6.0		5.9		3.7		0.94		1.8		2.0		0.13	
	22-Aug-07	9.3	3.6		1.72		3.2		3.06		0.32		0.10	U	0.13		0.16		0.10	U
	20-Sep-07		4.02		1.00		14.7		0.55		0.28		0.29		0.28		0.28		0.11	
	9-Oct-07		1.53		1.08		3.81		1.88		1.06		1.31		0.82		0.97		0.15	
	7-Nov-07		2.58		1.28		1.27		2.04		0.13		0.14		0.17		0.16		0.10	U
	6-Dec-07		0.57		0.67		1.51		1.66		0.18		0.18		0.36		0.39		0.11	
	8-Jan-08		0.98		0.92		3.00		3.40		0.89		0.66		1.00		1.03		1.26	
	8-Feb-08		0.90		0.97		2.52		1.89		0.21		0.21		0.21		0.31		0.21	
	27-Mar-08		1.33		1.59		3.39		3.24		0.92		1.39		0.83		0.99		0.10	U
	25-Apr-08		1.00		1.76		11.70		1.64		0.91		0.84		0.91		0.75		0.10	U
	29-May-08		0.30		0.47		8.32		6.68		0.27		0.96		0.69		0.11		0.10	U
	27-Jun-08		1.56		0.44		2.12		3.04		0.63		0.25		0.72		0.21		0.18	
	31-Jul-08		1.65		1.36		1.38		2.08		0.96		1.94		0.21		0.14		0.16	
	28-Aug-08		0.44		1.43		3.69		5.34		0.64		0.46		0.46		0.46		0.35	
1,2-Dibromoethane (EDB)	15-Mar-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	22-Mar-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	26-Apr-07		0.15	U	0.15		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	21-May-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	29-Jun-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	30-Jul-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	22-Aug-07	0.0028 / 0.15	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	20-Sep-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	9-Oct-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	7-Nov-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	6-Dec-07		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	8-Jan-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	8-Feb-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	27-Mar-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	25-Apr-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	29-May-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	27-Jun-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.63		0.15	U	0.15	U
	31-Jul-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
	28-Aug-08		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
1,2-Dichlorobenzene	15-Mar-07		0.12	U	0.12	U	0.12	U	0.12	U	0.72		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		0.12		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
	21-May-07		3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	U	3.00	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	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
	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
	29-May-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-Jun-08		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.82		0.12	U	0.12	U
	31-Jul-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
	28-Aug-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
1,2-Dichloroethane	15-Mar-07		0.08	U	0.08	U	0.08	U	0.16		0.08		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
	26-Apr-07		0.10		0.08		0.08	U	0.10		0.10		0.10		0.12		0.11		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
	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
	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
	22-Aug-07	0.07 / 0.08	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
	20-Sep-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
	9-Oct-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
	7-Nov-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
	6-Dec-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
	8-Jan-08		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
	8-Feb-08		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
	27-Mar-08		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
	25-Apr-08		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-May-08		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
	27-Jun-08		0.08	U	0.08	U	0.08	U	0.08		0.08	U	0.08	U	0.18		0.08	U	0.08	U
	31-Jul-08		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
	28-Aug-08		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

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
1,2-Dichloropropane	15-Mar-07		0.09	U	0.09	U	0.09	U	0.18		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
	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
	21-May-07		0.09	U	0.09	U	0.09	U	0.10		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	29-Jun-07		0.12		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		0.10		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Aug-07	0.13	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
1,3,5-Trimethylbenzene	15-Mar-07		4.5		50		130		64		7.3		12		28		42		0.25	
	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	9.3	2.14		0.88		1.45		1.58		0.17		0.10	U	0.10	U	0.10		0.10	U
	20-Sep-07		2.5		0.55		7.67		0.21		0.10		0.10		0.10		0.10		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		0.64		1.10		0.10	U	0.10	U	0.10	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	
	8-Feb-08		0.46		0.45		1.30		0.98		0.10	U	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
	29-May-08		0.17		0.22		4.71		4.05		0.14		0.64		0.47		0.10	U	0.10	U
	27-Jun-08		0.94		0.23		1.10		1.58		0.39		0.10		0.39		0.10	U	0.10	U
	31-Jul-08		1.04		0.78		0.67		1.36		0.57		1.19		0.10	U	0.10	U	0.10	U
	28-Aug-08		0.17		0.73		1.95		2.99		0.27		0.18		0.18		0.16		0.10	
1,3-Dichlorobenzene	15-Mar-07		0.12	U	0.12	U	0.12	U	0.12	U	0.12		0.12	U	0.12	U	0.12	U	0.12	U
	22-Mar-07		0.12	U	0.12	U	0.12		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	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
	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
	29-May-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-Jun-08		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.80		0.12	U	0.12	U
	31-Jul-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
	28-Aug-08		0.12	U	0.12	U	0.12	U	0.10	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,4-Dichlorobenzene	15-Mar-07		0.12		0.12	U	0.12	U	0.24		0.3		0.18		0.12		0.24		0.12	U
	22-Mar-07		0.18		0.18		0.12		0.18		0.12	U	0.12	U	0.12	U	0.12		0.18	
	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	
	29-Jun-07		0.36		0.31		0.29		0.29		0.28		0.26		0.20		0.25		0.34	
	30-Jul-07		2.2		0.45		0.55		0.87		1.1		0.87		1.1		1.9		1.2	
	22-Aug-07	24	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	0.14		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
	9-Oct-07		0.63		0.49		0.49		0.94		0.22		0.60		0.72		0.46		0.15	
	7-Nov-07		0.25		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		0.36		0.43		0.28		0.35		0.27		0.24		0.36		0.25		0.26	
	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		0.29		0.27		0.21		0.60		0.73		0.79		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	
	29-May-08		0.23		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-Jun-08		0.51		0.18		0.39		0.32		0.13		0.27		1.34		0.58		0.13	
	31-Jul-08		0.31		0.52		0.25		0.32		0.46		0.67		0.27		0.32		0.26	
	28-Aug-08		0.20		0.25		0.22		0.26		0.21		0.21		0.20		0.22		0.21	
Benzene	15-Mar-07		1.1		0.83		0.8		0.8		0.73		1.0		0.86		0.89		0.61	
	22-Mar-07		0.48		0.57		0.67		0.734		0.45		0.54		0.89		0.64		0.57	
	26-Apr-07		0.69		0.52		0.37		0.5		0.82		0.44		0.72		0.84		0.39	
	21-May-07		0.43		0.39		0.35		0.38		0.30		0.47		0.43		0.46		0.25	
	29-Jun-07		0.35		0.33		0.32		0.37		0.39		0.32		0.31		0.33		0.28	
	30-Jul-07		0.7		0.71		0.67		0.72		0.72		0.51		0.53		0.64		0.39	
	22-Aug-07	3.3	0.27		0.25		0.18		0.26		0.18		0.09		0.27		0.25		0.16	
	20-Sep-07		0.50		0.65		0.56		0.72		0.54		0.57		0.54		0.54		0.43	
	9-Oct-07		0.56		0.58		0.57		0.62		0.62		0.67		0.62		0.67		0.65	
	7-Nov-07		0.90		0.81		0.60		0.64		0.61		0.60		0.68		0.60		0.40	
	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	
	8-Feb-08		0.91		0.84		0.73		0.78		0.81		0.80		0.75		0.79		0.87	
	27-Mar-08		1.42		1.35		1.60		1.42		0.22		2.13		1.73		1.68		0.37	
	25-Apr-08		1.36		1.3		0.64		1.40		1.15		1.27		1.13		1.12		0.41	
	29-May-08		0.37		0.43		0.30		0.40		0.30		0.45		0.41		0.31		0.23	
	27-Jun-08		0.63		0.603		0.67		0.64		0.66		0.60		0.85		0.58		0.73	
	31-Jul-08		0.57		0.48		0.42		0.45		0.53		0.47		0.38		0.39		0.41	
	28-Aug-08		1.19		1.11		1.01		0.95		0.94		1.06		1.06		1.02		1.28	

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
Bromodichloromethane	15-Mar-07		0.13	U	0.13	U	0.13	U	3.3		0.27		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
	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
	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
	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
	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
	22-Aug-07	0.034 / 0.13	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
	9-Oct-07		0.13	U	0.13		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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.23		0.13	U	0.13	U
	31-Jul-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
	28-Aug-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
Bromoform	15-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
	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
	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
	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
	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
	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
	22-Aug-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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	1.30		0.21	U	0.21	U
	31-Jul-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
	28-Aug-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
Carbon tetrachloride	15-Mar-07		0.63		0.63		0.57		0.57		0.57		0.63		0.57		0.63		0.57	
	22-Mar-07		0.63		0.63		0.63		0.75		0.63		0.63		0.75		0.69		0.63	
	26-Apr-07		0.73		0.68		0.70		0.76		0.73		0.77		0.73		0.72		0.71	
	21-May-07		0.42		0.41		0.53		0.38		0.36		0.36		0.39		0.38		0.48	
	29-Jun-07		0.51		0.51		0.45		0.50		0.53		0.50		0.50		0.48		0.50	
	30-Jul-07		0.52		0.55		0.52		0.53		0.53		0.55		0.52		0.53		0.53	
	22-Aug-07	0.50	0.73		0.74		0.77		0.74		0.74		0.65		0.71		0.75		0.67	
	20-Sep-07		0.44		0.48		0.48		0.54		0.53		0.43		0.43		0.53		0.43	
	9-Oct-07		0.52		0.53		0.52		0.53		0.53		0.54		0.54		0.54		0.55	
	7-Nov-07		0.55		0.57		0.53		0.52		0.54		0.54		0.56		0.56		0.54	
	6-Dec-07		0.51		0.50		0.50		0.47		0.50		0.47		0.49		0.50		0.50	
	8-Jan-08		0.57		0.56		0.56		0.58		0.58		0.56		0.57		0.56		0.57	
	8-Feb-08		0.50		0.48		0.44		0.45		0.46		0.47		0.47		0.47		0.47	
	27-Mar-08		0.54		0.54		0.55		0.54		0.58		0.58		0.55		0.59		0.57	
	25-Apr-08		0.44		0.44		0.41		0.44		0.45		0.44		0.47		0.45		0.42	
	29-May-08		0.47		0.47		0.45		0.47		0.48		0.49		0.52		0.46		0.46	
	27-Jun-08		0.54		0.54		0.53		0.53		0.53		0.54		0.56		0.55		0.54	
	31-Jul-08		0.53		0.53		0.53		0.55		0.55		0.54		0.56		0.55		0.56	
	28-Aug-08		0.55		0.55		0.55		0.55		0.57		0.56		0.56		0.57		0.55	
Chlorobenzene	15-Mar-07		0.09	U	0.09	U	0.09	U	3.6		0.28		0.09	U	0.09	U	3.0		0.09	U
	22-Mar-07		0.09	U	0.37		1.06		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
	21-May-07		0.09	U	0.18		0.09	U	0.24		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
	30-Jul-07		0.12		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	37	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.31		0.09	U	0.09	U
	31-Jul-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
	28-Aug-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
Chloroethane	15-Mar-07		0.05		0.11		0.08		0.05		0.05	U	0.05	U	0.05		0.05		0.32	
	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
	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
	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
	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
	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
	22-Aug-07	500	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
	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
	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
	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
	8-Jan-08		0.07		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	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
	27-Mar-08		0.06		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		0.05	U	0.05	U	0.05	U	0.05	U
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
Chloroform	15-Mar-07		0.2		0.2		0.15		0.10		0.10		0.15		0.29		0.15		0.2	
	22-Mar-07		0.20		0.24		0.29		0.39		0.24		0.59		0.49		0.20		0.10	U
	26-Apr-07		0.14		0.15		0.14		0.15		0.16		0.14		0.16		0.16		0.11	
	21-May-07		0.10	U	0.10	U	0.12		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	29-Jun-07		0.16		0.10	U	0.13		0.17		0.12		0.14		0.15		0.12		0.10	
	30-Jul-07		0.20		0.19		0.19		0.18		0.20		0.17		0.14		0.17		0.16	
	22-Aug-07	0.50	0.12		0.11		0.11		0.11		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	20-Sep-07		0.13		0.14		0.19		0.18		0.11		0.13		0.11		0.11		0.10	U
	9-Oct-07		0.18		0.15		0.17		0.16		0.15		0.16		0.14		0.15		0.13	
	7-Nov-07		0.50		0.18		0.18		0.19		0.18		0.17		0.20		0.19		0.10	U
	6-Dec-07		0.10	U	0.42		0.10	U	0.16		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	8-Jan-08		0.17		0.13		0.13		0.13		0.19		0.15		0.15		0.12		0.18	
	8-Feb-08		0.11		0.11		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	27-Mar-08		0.84		0.69		0.59		0.52		0.41		0.34		0.61		0.50		0.10	U
	25-Apr-08		0.19		0.21		0.19		0.12		0.13		0.13		0.11		0.13		0.10	U
	29-May-08		0.11		0.11		0.10		0.11		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	27-Jun-08		0.24		0.26		0.20		0.21		0.20		0.20		0.25		0.22		0.17	
	31-Jul-08		0.23		0.15		0.14		0.19		0.20		0.23		0.10	U	0.11		0.10	U
	28-Aug-08		0.34		0.37		0.30		0.31		0.27		0.60		0.27		0.27		0.30	
Chloromethane	15-Mar-07		1.3		1.7		1.4		1.0	U	1.5		1.3		1.7		1.1		1.4	
	22-Mar-07		1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U
	26-Apr-07		1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U
	21-May-07		6.27		3.97		1.03	U	9.28		1.58		6.22		1.03	U	6.91		1.06	
	29-Jun-07		0.08	U	2.3		0.08	U	0.08	U	0.08	U	1.3		0.08	U	1.1		0.08	U
	30-Jul-07		1.0	U	1.1		1.2		1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
	22-Aug-07	14	4.2		2.98		2.48		2.91		2.76		2.44	U	2.44	U	2.46		2.44	U
	20-Sep-07		5.76		2.56		4.88		2.44	U	2.44	U	2.44	U	2.44	U	2.44	U	2.44	U
	9-Oct-07		3.1		2.60		3.72		2.73		2.79		3.14		2.59		3.14		2.44	U
	7-Nov-07		4.9		4.40		3.34		5.38		2.44	U	2.44	U	2.47		2.44	U	2.44	
	6-Dec-07		2.5		2.78		2.44	U	3.46		2.44	U	2.44	U	2.52		2.66		2.44	U
	8-Jan-08		2.52		2.48		2.44	U	2.44	U	2.53		2.44	U	2.49		2.44	U	2.44	U
	8-Feb-08		2.44	U	2.44	U	2.44	U	2.44	U	2.44	U	2.46		2.44	U	2.44	U	2.44	U
	27-Mar-08		2.83		3.07		2.68		2.44	U	2.83		2.44	U	2.48	U	2.44	U	2.44	U
	25-Apr-08		2.82		2.44	U	2.44	U	2.44	U	2.44	U	3.00		2.44	U	3.14		2.44	U
	29-May-08		2.79		3.00		7.1		11		2.94		6.28		6.42		2.77		2.44	U
	27-Jun-08		2.65		2.44	U	2.44	U	2.83		3.26		2.62		2.44	U	2.5		2.44	U
	31-Jul-08		3.58		3.88		3.33		4.37		3.44		3.74		2.44	U	2.44	U	2.44	U
	28-Aug-08		2.44		3.14		5.31		6.88		3.15		2.44	U	2.54		2.54		2.44	U
cis-1,2-Dichloroethene*	15-Mar-07		0.08	U	0.08	U	0.08	U	1.6		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
	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
	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
	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
	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
	22-Aug-07	18	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
	20-Sep-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
	9-Oct-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
	7-Nov-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
	6-Dec-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
	8-Jan-08		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
	8-Feb-08		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
	27-Mar-08		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
	25-Apr-08		0.08	U	0.08	U	0.08	U	0.1		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	29-May-08		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
	27-Jun-08		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
	31-Jul-08		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
	28-Aug-08		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.09	U	0.08	U	0.09	
cis-1,3-Dichloropropene	15-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
	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
	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
	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
	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
	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
	22-Aug-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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.19		0.09	U	0.09	U
	31-Jul-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
	28-Aug-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
Dibromochloromethane	15-Mar-07		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
	22-Mar-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	26-Apr-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	21-May-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	29-Jun-07		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
	30-Jul-07		0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
	22-Aug-07	None	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	20-Sep-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	9-Oct-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	7-Nov-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	6-Dec-07		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	8-Jan-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	8-Feb-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	27-Mar-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	25-Apr-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	29-May-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	27-Jun-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.31		0.10	U	0.10	U
	31-Jul-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
	28-Aug-08		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Cntr (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	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		2.52		2.62		2.82		2.67		2.42	
	26-Apr-07		3.03		3.04		3.03		3.17		3.02		3.38		2.98		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		2.3		2.4	
	22-Aug-07	91	2.37		2.37		2.35		2.33		2.27		2.33		2.41		2.33		2.15	
	20-Sep-07		2.10		2.29		2.08		2.36		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		2.34		2.42		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		2.78		2.59		2.82		2.78		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		2.60		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	
	29-May-08		1.70		1.63		1.54		1.76		1.63		1.61		1.78		1.6		1.56	
	27-Jun-08		2.28		2.28		2.37		2.33		2.24		2.22		2.25		2.25		2.22	
	31-Jul-08		2.03		2.02		1.97		1.97		1.91		1.92		1.92		1.90		1.85	
	28-Aug-08		3.60		2.87		2.92		2.87		2.92		2.80		2.8		2.98		2.77	
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	53	0.47		0.41		1.19		0.80		0.13		0.09	U	0.14		0.11		0.09	U
	20-Sep-07		0.47		0.47		10.2		0.52		0.30		0.3		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		0.69		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		0.84		0.67		1.02		0.87		0.89		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
	29-May-08		0.14		0.12		1.31		0.62		0.12		0.16		0.15		0.11		0.09	U
	27-Jun-08		0.56		0.41		1.08		0.99		0.48		0.40		0.80		0.36		0.37	
	31-Jul-08		0.55		0.45		1.14		0.42		0.43		0.49		0.26		0.22		0.26	
	28-Aug-08		0.87		1.15		3.01		2.82		0.76		0.85		0.87		0.78		0.94	
Methylene chloride	15-Mar-07		18		16		14		2.8	U	5.2		6.0		2.8	U	5.6		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
	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	5.1	
	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
	29-Jun-07		9.2		6.7		5.3		5.7		7.6		8.0		6.1		7.0		6.7	
	30-Jul-07		2.8	U	2.8	U	2.8	U	2.8	U	2.8	U	4.8		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
	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
	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
	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
	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
	8-Jan-08		1.74	U	1.74	U	2.98		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
	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
	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		1.74	U
	29-May-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
	27-Jun-08		1.74	U	1.74	U	1.74	U	3.21		1.74	U	6.94		1.74	U	1.74	U	19	
	31-Jul-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
	28-Aug-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
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
	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
	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
	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
	29-Jun-07		0.13		0.07	U	0.14		0.09		0.07		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	160	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
	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
	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
	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
	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
	27-Mar-08		0.08		0.10		0.10		0.09		0.10		0.10		0.10		0.09		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
	29-May-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
	27-Jun-08		0.07	U	0.07	U	0.07	U	0.07		0.07	U	0.07	U	0.07	U	0.07	U	0.07	U
	31-Jul-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
	28-Aug-08		0.10		0.13		0.12		0.12		0.09		0.11		0.12		0.09		0.09	
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	220	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		1.70		1.50		1.47		0.57	
	7-Nov-07		1.46		1.36		2.74		2.20		0.88		0.64		0.85		0.72		0.21	
	6-Dec-07		0.48		0.54		2.07		1.05		0.38		0.44		0.41		0.44		0.29	
	8-Jan-08		2.37		1.94		4.35		3.31		2.58		2.28		3.16		1.90		4.27	
	8-Feb-08		0.71		0.66		2.11		1.46		0.55		0.45		0.39		0.42		0.58	
	27-Mar-08		2.46		2.08		3.51		2.96		2.62		2.89		1.81		1.91		0.27	
	25-Apr-08		2.22		1.87		8.24		2.17		1.96		2.08		2.15		1.85		0.21	
	29-May-08		0.35		0.29		5.11		2.26		0.29		0.41		0.34		0.25		0.17	U
	27-Jun-08		1.06		1.08		3.28		3.00		1.25		0.99		2.16		0.93		0.80	
	31-Jul-08		1.36		1.16		3.33		1.14		1.14		1.37		0.66		0.49		0.66	
	28-Aug-08		2.13		3.22		8.69		8.20		1.91		2.19		2.28		1.96		2.24	

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
o-Xylene	15-Mar-07		110		160		200		120		24		170		95		120		0.95	
	22-Mar-07		3.56		9.2		81.1		1.13		1.3		1.69		9.24		2.6		0.39	
	26-Apr-07		4.51		10.5		2.38		3.46		3.59		0.33		3.61		2.7		0.125	
	21-May-07		2.42		2.0		3.22		2.79		0.63		1.61		1.44		0.88		0.10	
	29-Jun-07		3.7		2.9		3.9		1.7		0.50		0.21		0.29		0.52		0.15	
	30-Jul-07		1.9		1.5		2.8		1.2		0.85		0.3		0.36		0.46		0.16	
	22-Aug-07	220	0.72		0.47		1.42		0.99		0.13		0.09	U	0.13		0.09		0.09	U
	20-Sep-07		0.49		0.43		8.9		0.45		0.26		0.27		0.26		0.26		0.15	
	9-Oct-07		0.33		0.48		1.94		0.79		0.58		0.58		0.50		0.51		0.22	
	7-Nov-07		0.55		0.47		0.86		0.73		0.28		0.21		0.28		0.22		0.09	U
	6-Dec-07		0.19		0.20		0.72		0.40		0.15		0.16		0.17		0.17		0.11	
	8-Jan-08		0.89		0.76		1.58		1.25		0.96		0.85		1.18		0.74		1.51	
	8-Feb-08		0.28		0.27		0.87		0.61		0.21		0.17		0.15		0.16		0.20	
	27-Mar-08		0.76		0.72		1.34		1.12		0.92		1.06		0.64		0.67		0.09	U
	25-Apr-08		0.82		0.72		3.48		0.82		0.75		0.77		0.79		0.68		0.09	U
	29-May-08		0.13		0.12		2.08		1.00		0.11		0.18		0.15		0.09	U	0.09	U
	27-Jun-08		0.46		0.39		1.03		1.03		0.49		0.36		0.83		0.34		0.33	
	31-Jul-08		0.48		0.38		0.82		0.37		0.42		0.58		0.24		0.21		0.25	
	28-Aug-08		0.78		1.02		2.21		2.16		0.68		0.79		0.81		0.70		0.83	
Styrene	15-Mar-07		6.5		3.3		6.6		3.4		1.4		91		3.4		3.7		0.38	
	22-Mar-07		1.4		1.83		2.04		2.98		0.894		10.5		2.55		0.55		0.09	U
	26-Apr-07		1.48		0.19		0.10		0.14		0.38		0.09		0.53		0.39		0.09	U
	21-May-07		12.4		0.43		0.21		0.73		0.17		0.71		0.84		0.49		0.08	U
	29-Jun-07		4.0		0.29		0.14		0.43		0.11		0.09		0.13		0.17		0.09	U
	30-Jul-07		8.8		0.26		0.15		0.32		0.27		0.10		0.11		0.14		0.09	U
	22-Aug-07	52	3.02		0.10		0.09	U	0.23		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	20-Sep-07		0.35		0.62		0.30		0.13		0.13		0.10		0.09		0.13		0.09	U
	9-Oct-07		1.00		0.09		0.17		0.16		0.22		0.20		0.19		0.20		0.09	U
	7-Nov-07		1.46		0.10		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	6-Dec-07		0.24		0.10		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	8-Jan-08		0.86		0.09		0.13		0.20		0.20		0.18		0.16		0.13		0.26	
	8-Feb-08		0.71		0.13		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	27-Mar-08		1.20		0.12		0.12		0.17		0.14		0.18		0.11		0.14		0.09	U
	25-Apr-08		0.86		0.16		0.18		0.18		0.14		0.14		0.16		0.12		0.09	U
	29-May-08		0.55		0.09	U	0.13		0.26		0.09	U	0.11		0.09		0.09	U	0.09	U
	27-Jun-08		1.83		0.09	U	0.112		0.19		0.19		0.09	U	0.48		0.09	U	0.09	U
	31-Jul-08		1.89		0.25		0.15		0.27		0.29		0.29		0.11		0.09		0.09	U
	28-Aug-08		0.65		0.37		0.26		0.39		0.20		0.17		0.17		0.14		0.11	
Tetrachloroethene*	15-Mar-07		0.68		0.47		0.47		0.47		0.27		0.47		0.61		0.61		0.27	
	22-Mar-07		0.61		0.47		0.34		0.27		0.14		0.20		0.27		0.27		0.20	
	26-Apr-07		0.26		0.30		0.77		0.25		0.33		0.26		0.38		0.32		0.19	
	21-May-07		0.19		0.14		0.18		0.17		0.28		0.28		0.26		0.26		0.19	
	29-Jun-07		0.16		0.14	U	0.14		0.16		0.14		0.14	U	0.14		0.14		0.14	U
	30-Jul-07		0.75		0.78		0.73		0.70		0.70		0.49		0.59		0.68		0.36	
	22-Aug-07	5	0.14	U	0.14	U	0.14	U	0.22		0.14	U	0.14	U	0.18		0.18		0.14	U
	20-Sep-07		0.43		1.07		0.41		0.46		0.57		0.78		0.67		0.57		0.36	
	9-Oct-07		0.19		0.20		0.18		0.20		0.24		0.22		0.26		0.21		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
	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
	8-Jan-08		2.85		2.22		1.45		1.50		1.97		1.73		8.90[1]		1.92		2.38	
	28-Jan-08		NS		NS		NS		NS		NS		NS		0.14	U	NS		0.14	U
	8-Feb-08		0.14		0.14	U	0.14	U	0.15		0.14	U	0.14	U	0.14	U	0.14	U	0.35	
	27-Mar-08 [2]		12.5		6.68		13.3		16.10		26		7.73		23.3		4.31		0.15	
	25-Apr-08		0.18		0.25		0.18		0.28		0.23		0.28		0.23		0.30		0.14	U
	29-May-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
	27-Jun-08		0.249		0.45		0.40		0.46		0.42		0.24		0.46		0.25		0.22	
	31-Jul-08		1.03		1.00		0.88		0.88		0.80		0.87		0.25		0.29		0.15	
	28-Aug-08		0.321		0.37		0.28		0.32		0.27		0.43		0.29		0.28		0.45	
Toluene	15-Mar-07		110		160		180		130		23		120		120		140		2.2	
	22-Mar-07		14.1		16.6		149		19.4		25.5		54.5		64.2		17		0.72	
	26-Apr-07		9.59		19.4		12.3		17		16.1		2.41		18		15.6		0.77	
	21-May-07		7.8		5.04		4.5		8.37		3.33		8.86		7.07		6.62		0.57	
	29-Jun-07		6.8		5.6		4.3		4.1		2.3		1.6		1.8		2.3		0.92	
	30-Jul-07		5.4		5.0		5.0		4.2		3.7		1.8		2.4		2.9		1.1	
	22-Aug-07	210	1.48		1.29		1.68		1.77		0.93		0.53		1.61		0.97		0.52	
	20-Sep-07		4.92		2.1		9.91		2.28		1.67		2.24		1.44		1.67		1.16	
	9-Oct-07		1.76		1.55		2.82		1.81		2.41		1.92		2.42		1.88		1.53	
	7-Nov-07		2.08		1.47		1.88		1.86		1.87		1.62		1.72		1.47		0.49	
	6-Dec-07		0.86		0.89		0.93		0.89		0.80		0.69		0.73		0.72		0.77	
	8-Jan-08		4.28		3.27		3.20		3.59		4.83		3.96		5.30		3.73		7.00	
	8-Feb-08		1.24		1.14		1.12		1.15		1.24		0.99		0.91		1.03		1.48	
	27-Mar-08		6.47		4.04		4.52		4.15		5.92		5.57		4.21		4.04		1.56	
	25-Apr-08		4.80		4.00		2.81		3.90		3.79		4.07		4.01		3.66		0.47	
	29-May-08		0.93		0.79		1.63		1.33		0.87		1.06		1.02		0.67		0.32	
	27-Jun-08		3.87		3.06		3.20		3.85		4.11		3.84		4.52		3.02		2.41	
	31-Jul-08		2.76		2.02		2.69		1.99		2.72		2.20		1.68		1.44		1.85	
	28-Aug-08		5.23		5.96		7.80		7.53		5.92		5.64		5.68		5.24		6.05	
trans-1,2-Dichloroethene*	15-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
	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
	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
	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
	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
	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
	22-Aug-07	37	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
	20-Sep-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
	9-Oct-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
	7-Nov-07		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.09		0.08	U
	6-Dec-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
	8-Jan-08		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
	8-Feb-08		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
	27-Mar-08		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
	25-Apr-08		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-May-08		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
	27-Jun-08		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
	31-Jul-08		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
	28-Aug-08		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

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
trans-1,3-Dichloropropene	15-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
	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
	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
	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
	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
	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
	22-Aug-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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.34		0.09	U	0.09	U
	31-Jul-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
	28-Aug-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
Trichloroethene*	15-Mar-07		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		0.18		0.15		0.17		0.11		0.12	
	29-Jun-07		0.2		0.11	U	0.11	U	0.12		0.11		0.12		0.14		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	1.0	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		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	9-Oct-07		0.11		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
	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
	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	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		0.23		0.33		0.31		0.22		0.17		0.11	U
	25-Apr-08		0.11	U	0.16		0.15		0.27		0.15		0.15		0.16		0.23		0.11	U
	29-May-08		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11		0.11	U	0.11	U
	27-Jun-08		0.11	U	0.11	U	0.11	U	0.11		0.11	U	0.11	U	0.14		0.20		0.11	U
	31-Jul-08		0.11		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
	28-Aug-08		0.19		0.12		0.11	U	0.11	U	0.15		0.13		0.11		0.11	U	0.84	
Trichlorofluoromethane	15-Mar-07		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	370	1.48		1.48		1.52		1.49		1.48		1.43		1.44		1.48		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	
	29-May-08		1.02		0.93		0.87		1.06		0.93		0.93		0.99		0.91		0.88	
	27-Jun-08		1.24		1.22		1.29		1.30		1.16		1.15		1.17		1.16		1.18	
	31-Jul-08		1.08		1.10		1.01		1.01		1.01		1.01		1.00		0.97		0.93	
	28-Aug-08		2.74		3.36		3.47		3.26		3.66		3.42		3.38		3.86		2.31	
Vinyl chloride*	15-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
	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
	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
	21-May-07		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.07		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
	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
	22-Aug-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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
Acrylonitrile	15-Mar-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
	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
	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
	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
	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
	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
	22-Aug-07	None	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
	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
	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
	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
	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
	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
	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
	25-Apr-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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
n-Butylbenzene	15-Mar-07		2.7	U	14		2.7	U	23		2.7	U	2.7	U	2.7		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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-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
Acetone	15-Mar-07		340		1200		1400		720		130		1500		840		970		14	
	22-Mar-07		41.7		54.8		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		18.6		19.2		12	
	21-May-07		20.4		13		9.5		19.3		11.3		27.2		25.7		28.2		8.69	
	29-Jun-07		21		15		14		18		10		72		12		13		13	
	30-Jul-07		22		18		21		20		23		16		16		18		20	
	22-Aug-07	180	26.8		40		9.12		14.6		17.6		5.31		23.3		11.2		8.11	
	20-Sep-07		13.4		7.44		12.3		10.5		6.82		9.53		5.42		6.82		11.3	
	9-Oct-07		76.4		8.73		8.06		7.77		14.9		25.6		16.2		11.9		6.81	
	7-Nov-07		108		16.8		17.0		17.3		30.6		36.2		24.8		23.6		12.9	
	6-Dec-07		18.8		23.9		4.75	U	4.95		12.0		13.6		4.75	U	4.75	U	4.75	U
	8-Jan-08		35.1		8.98		6.88		9.33		14.6		15.8		11.5		12.6		11.4	
	8-Feb-08		20.2		8.24		4.75	U	4.75	U	6.9		8.06		4.75	U	4.78		4.75	U
	27-Mar-08 [2]		576		186		108		89.9		24.7		38.3		76.7		47.4		5.87	
	25-Apr-08		61.7		12.9		19		15.1		14.8		18.6		12.5		17.1		6.67	
	29-May-08		19.5		16		13		16.2		10.9		17.2		13.2		11.6		7.48	
	27-Jun-08		87.9		20		21		27.7		28.9		29.0		26.0		29.8		19.7	
	31-Jul-08		32.2		17.2		20.8		16.8		23.8		20.0		18.6		23.5		20.0	
	28-Aug-08		33.1		21.1		21.5		25.8		27.0		32.4		29.1		23.8		37.0	

Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - August 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
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	
	26-Apr-07		19.7		19.1		1.47	U	9.25		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		1.47	U	7.79		3.39		3.06		2.26	
	29-Jun-07		7.2		4.4		28		3.2		0.59	U	360		18		1.6		36	
	30-Jul-07		8.1		3.9		9.2		5.1		9.3		1.8		2.9		2.3		1.6	
	22-Aug-07	500	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		1.58		2.71		8.57		2.18		1.47	U	1.47	U	1.47	U	1.47	U	8.44	
	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
	8-Jan-08		1.52		1.56		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.92	
	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	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		1.47	U	1.47	U	1.47	U
	29-May-08		1.47	U	1.47	U	2.84		2.24		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U
	27-Jun-08		7.85		2.52		3.81		3.89		3.05		2.42		2.84		2.34		3.08	
	31-Jul-08		2.08		1.72		3.08		1.65		2.08		2.16		1.47	U	1.49		1.47	U
	28-Aug-08		2.28		1.79		3.98		3.98		1.47	U	1.47	U	1.47	U	1.47	U	1.65	
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
	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
	22-Aug-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
	20-Sep-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
	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
	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
	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
	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
	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
	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
	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
	29-May-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
	27-Jun-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
	31-Jul-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
	28-Aug-08		2.05	U	2.05	U	2.05	U	2.54		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 inadvertant 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 detacted by the laboratory (MDL = 0.14 ug/m
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.

ANALYTICAL REPORT

Lab Number:	L0812958
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	09/10/08

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.

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

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812958
Report Date: 09/10/08

Alpha Sample ID	Client ID	Sample Location
L0812958-01	RM 152	PROVIDENCE, RI
L0812958-02	RM 145	PROVIDENCE, RI
L0812958-03	RM 110	PROVIDENCE, RI
L0812958-04	RM 118	PROVIDENCE, RI
L0812958-05	GYMNASIUM	PROVIDENCE, RI
L0812958-06	ELEVATOR HALLWAY	PROVIDENCE, RI
L0812958-07	CAFETERIA	PROVIDENCE, RI
L0812958-08	KITCHEN STORAGE ROOM	PROVIDENCE, RI
L0812958-09	AMBIENT OUTDOOR	PROVIDENCE, RI

Project Name:	GORHAM / ADELAIDE HS	**Lab Number:**	L0812958
Project Number:	6196501	**Report Date:**	09/10/08

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.

TO15-SIM

L0812958-05 and -06 results for Chloromethane should be considered estimated due to co-elution with a non-target peak.

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: 09/10/08

AIR

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-01
Client ID: RM 152
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 21:00
Analyst: RY

Date Collected: 08/28/08 07:33
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.094	0.020	0.464	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	0.032	0.020	0.155	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	0.320	0.070	1.02	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.091	0.020	0.572	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.056	0.020	0.271	0.098		1
Chloromethane	0.520	0.500	2.54	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-01
Client ID: RM 152
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:33
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.603	0.050	2.98	0.247		1
Ethylbenzene	0.180	0.020	0.783	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.025	0.020	0.089	0.072		1
p/m-Xylene	0.452	0.040	1.96	0.174		1
o-Xylene	0.162	0.020	0.702	0.087		1
Styrene	0.033	0.020	0.140	0.085		1
Tetrachloroethene	0.042	0.020	0.282	0.136		1
Toluene	1.39	0.020	5.24	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	0.688	0.050	3.86	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	10.0	2.00	23.8	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-02
Client ID: RM 145
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 21:39
Analyst: RY

Date Collected: 08/28/08 07:32
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.093	0.020	0.455	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	0.037	0.020	0.181	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.034	0.020	0.202	0.120		1
Benzene	0.332	0.070	1.06	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.088	0.020	0.556	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.055	0.020	0.269	0.098		1
Chloromethane	0.520	0.500	2.54	2.44		1
cis-1,2-Dichloroethene	0.023	0.020	0.092	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-02
Client ID: RM 145
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:32
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.566	0.050	2.80	0.247		1
Ethylbenzene	0.201	0.020	0.870	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.032	0.020	0.115	0.072		1
p/m-Xylene	0.525	0.040	2.28	0.174		1
o-Xylene	0.187	0.020	0.812	0.087		1
Styrene	0.040	0.020	0.169	0.085		1
Tetrachloroethene	0.043	0.020	0.294	0.136		1
Toluene	1.51	0.020	5.68	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	0.021	0.020	0.110	0.107		1
Trichlorofluoromethane	0.603	0.050	3.38	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	12.3	2.00	29.1	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-03
Client ID: RM 110
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 22:18
Analyst: RY

Date Collected: 08/28/08 07:36
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.094	0.020	0.461	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	0.037	0.020	0.181	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.035	0.020	0.211	0.120		1
Benzene	0.331	0.070	1.06	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.089	0.020	0.559	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.123	0.020	0.602	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-03
Client ID: RM 110
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:36
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.567	0.050	2.80	0.247		1
Ethylbenzene	0.197	0.020	0.854	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.029	0.020	0.106	0.072		1
p/m-Xylene	0.505	0.040	2.19	0.174		1
o-Xylene	0.181	0.020	0.787	0.087		1
Styrene	0.039	0.020	0.165	0.085		1
Tetrachloroethene	0.064	0.020	0.434	0.136		1
Toluene	1.50	0.020	5.64	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	0.025	0.020	0.134	0.107		1
Trichlorofluoromethane	0.608	0.050	3.42	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	13.6	2.00	32.4	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: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-04
Client ID: RM 118
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 22:55
Analyst: RY

Date Collected: 08/28/08 07:35
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.642	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	0.055	0.020	0.270	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	0.293	0.070	0.935	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.566	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.055	0.020	0.269	0.098		1
Chloromethane	0.645	0.500	3.15	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-04
Client ID: RM 118
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:35
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.590	0.050	2.92	0.247		1
Ethylbenzene	0.176	0.020	0.761	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.025	0.020	0.091	0.072		1
p/m-Xylene	0.441	0.040	1.91	0.174		1
o-Xylene	0.158	0.020	0.683	0.087		1
Styrene	0.048	0.020	0.203	0.085		1
Tetrachloroethene	0.041	0.020	0.274	0.136		1
Toluene	1.57	0.020	5.92	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	0.146	0.107		1
Trichlorofluoromethane	0.652	0.050	3.66	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	11.4	2.00	27.0	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: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-05
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 23:32
Analyst: RY

Date Collected: 08/28/08 07:40
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.751	0.020	3.69	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	0.398	0.020	1.95	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.036	0.020	0.216	0.120		1
Benzene	0.317	0.070	1.01	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.088	0.020	0.551	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.061	0.020	0.298	0.098		1
Chloromethane	1.09	0.500	5.31	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-05
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:40
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.592	0.050	2.92	0.247		1
Ethylbenzene	0.694	0.020	3.01	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.034	0.020	0.123	0.072		1
p/m-Xylene	2.00	0.040	8.69	0.174		1
o-Xylene	0.508	0.020	2.21	0.087		1
Styrene	0.062	0.020	0.262	0.085		1
Tetrachloroethene	0.042	0.020	0.283	0.136		1
Toluene	2.07	0.020	7.80	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	0.617	0.050	3.47	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	9.05	2.00	21.5	4.75		1
2-Butanone	1.35	0.500	3.98	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-06
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/08 00:10
Analyst: RY

Date Collected: 08/28/08 07:38
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	1.09	0.020	5.34	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	0.608	0.020	2.99	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.044	0.020	0.262	0.120		1
Benzene	0.299	0.070	0.953	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.087	0.020	0.545	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.064	0.020	0.312	0.098		1
Chloromethane	1.41	0.500	6.88	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-06
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:38
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.582	0.050	2.87	0.247		1
Ethylbenzene	0.651	0.020	2.82	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.034	0.020	0.123	0.072		1
p/m-Xylene	1.89	0.040	8.20	0.174		1
o-Xylene	0.498	0.020	2.16	0.087		1
Styrene	0.092	0.020	0.392	0.085		1
Tetrachloroethene	0.048	0.020	0.323	0.136		1
Toluene	2.00	0.020	7.53	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	0.582	0.050	3.26	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	10.9	2.00	25.8	4.75		1
2-Butanone	1.35	0.500	3.98	1.47		1
4-Methyl-2-pentanone	0.620	0.500	2.54	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-07
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/08 01:26
Analyst: RY

Date Collected: 08/28/08 07:38
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.292	0.020	1.43	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	0.149	0.020	0.732	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.042	0.020	0.252	0.120		1
Benzene	0.347	0.070	1.11	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.087	0.020	0.548	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.077	0.020	0.373	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-07
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:38
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.582	0.050	2.87	0.247		1
Ethylbenzene	0.265	0.020	1.15	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.036	0.020	0.130	0.072		1
p/m-Xylene	0.742	0.040	3.22	0.174		1
o-Xylene	0.236	0.020	1.02	0.087		1
Styrene	0.087	0.020	0.368	0.085		1
Tetrachloroethene	0.054	0.020	0.367	0.136		1
Toluene	1.58	0.020	5.96	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	0.022	0.020	0.116	0.107		1
Trichlorofluoromethane	0.598	0.050	3.36	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	8.88	2.00	21.1	4.75		1
2-Butanone	0.606	0.500	1.79	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-08
Client ID: KITCHEN STORAGE ROOM
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/08 02:03
Analyst: RY

Date Collected: 08/28/08 07:41
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.089	0.020	0.438	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	0.035	0.020	0.170	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.033	0.020	0.198	0.120		1
Benzene	0.372	0.070	1.19	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.088	0.020	0.552	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.070	0.020	0.342	0.098		1
Chloromethane	0.501	0.500	2.44	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-08
Client ID: KITCHEN STORAGE ROOM
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:41
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.728	0.050	3.60	0.247		1
Ethylbenzene	0.200	0.020	0.868	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.026	0.020	0.095	0.072		1
p/m-Xylene	0.490	0.040	2.13	0.174		1
o-Xylene	0.180	0.020	0.779	0.087		1
Styrene	0.154	0.020	0.654	0.085		1
Tetrachloroethene	0.047	0.020	0.321	0.136		1
Toluene	1.39	0.020	5.23	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	0.036	0.020	0.193	0.107		1
Trichlorofluoromethane	0.489	0.050	2.74	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	14.0	2.00	33.1	4.75		1
2-Butanone	0.773	0.500	2.28	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-09
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/08 02:41
Analyst: RY

Date Collected: 08/28/08 07:50
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.072	0.020	0.354	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	0.020	0.020	0.100	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.035	0.020	0.213	0.120		1
Benzene	0.402	0.070	1.28	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.088	0.020	0.551	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.060	0.020	0.295	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	0.023	0.020	0.090	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

SAMPLE RESULTS

Lab ID: L0812958-09
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 07:50
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.562	0.050	2.77	0.247		1
Ethylbenzene	0.218	0.020	0.944	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.026	0.020	0.094	0.072		1
p/m-Xylene	0.516	0.040	2.24	0.174		1
o-Xylene	0.192	0.020	0.832	0.087		1
Styrene	0.026	0.020	0.108	0.085		1
Tetrachloroethene	0.066	0.020	0.445	0.136		1
Toluene	1.61	0.020	6.05	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	0.156	0.020	0.838	0.107		1
Trichlorofluoromethane	0.412	0.050	2.31	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	15.6	2.00	37.0	4.75		1
2-Butanone	0.559	0.500	1.65	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 17:10

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01-09 Batch: WG335578-3						
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-Trimethybenzene	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
Project Number: 6196501
Lab Number: L0812958
Report Date: 09/10/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/06/08 17:10

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01-09 Batch: WG335578-3						
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: L0812958

Report Date: 09/10/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG335578-2					
1,1,1-Trichloroethane	96	-	70-130	-	
1,1,1,2-Tetrachloroethane	111	-	70-130	-	
1,1,2,2-Tetrachloroethane	106	-	70-130	-	
1,1,2-Trichloroethane	95	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	91	-	70-130	-	
1,2,4-Trimethylbenzene	107	-	70-130	-	
1,2-Dibromoethane	96	-	70-130	-	
1,2-Dichlorobenzene	114	-	70-130	-	
1,2-Dichloroethane	94	-	70-130	-	
1,2-Dichloropropane	89	-	70-130	-	
1,3,5-Trimethylbenzene	104	-	70-130	-	
1,3-Dichlorobenzene	110	-	70-130	-	
1,4-Dichlorobenzene	110	-	70-130	-	
Benzene	82	-	70-130	-	
Bromodichloromethane	94	-	70-130	-	
Bromoform	105	-	70-130	-	
Carbon tetrachloride	98	-	70-130	-	
Chlorobenzene	103	-	70-130	-	
Chloroethane	96	-	70-130	-	
Chloroform	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0812958

Report Date: 09/10/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG335578-2					
Chloromethane	85	-	70-130	-	
cis-1,2-Dichloroethene	98	-	70-130	-	
cis-1,3-Dichloropropene	83	-	70-130	-	
Dibromochloromethane	102	-	70-130	-	
Dichlorodifluoromethane	97	-	70-130	-	
Ethylbenzene	105	-	70-130	-	
Methylene chloride	80	-	70-130	-	
Methyl tert butyl ether	104	-	70-130	-	
p/m-Xylene	106	-	70-130	-	
o-Xylene	109	-	70-130	-	
Styrene	96	-	70-130	-	
Tetrachloroethene	109	-	70-130	-	
Toluene	96	-	70-130	-	
trans-1,2-Dichloroethene	92	-	70-130	-	
trans-1,3-Dichloropropene	76	-	70-130	-	
Trichloroethene	96	-	70-130	-	
Trichlorofluoromethane	99	-	70-130	-	
Vinyl chloride	92	-	70-130	-	
Acrylonitrile	104	-	70-130	-	
n-Butylbenzene	129	-	70-130	-	
sec-Butylbenzene	118	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0812958

Report Date: 09/10/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG335578-2					
Isopropylbenzene	107	-	70-130	-	
p-Isopropyltoluene	115	-	70-130	-	
Acetone	99	-	70-130	-	
2-Butanone	105	-	70-130	-	
4-Methyl-2-pentanone	92	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812958
Report Date: 09/10/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG335578-4 QC Sample: L0812958-06 Client ID: ELEVATOR HALLWAY					
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	1.09	1.03	ppbV	6	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-Trimethybenzene	0.608	0.592	ppbV	3	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.044	0.039	ppbV	12	25
Benzene	0.299	0.309	ppbV	3	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.087	0.087	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812958
Report Date: 09/10/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG335578-4 QC Sample: L0812958-06 Client ID: ELEVATOR HALLWAY					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.064	0.065	ppbV	2	25
Chloromethane	1.41	1.41	ppbV	0	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	0.582	0.579	ppbV	1	25
Ethylbenzene	0.651	0.663	ppbV	2	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	0.034	0.036	ppbV	4	25
p/m-Xylene	1.89	1.90	ppbV	1	25
o-Xylene	0.498	0.499	ppbV	0	25
Styrene	0.092	0.088	ppbV	4	25
Tetrachloroethene	0.048	0.049	ppbV	3	25
Toluene	2.00	2.07	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	ND	0.020	ppbV	NC	25
Trichlorofluoromethane	0.582	0.578	ppbV	1	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812958
Report Date: 09/10/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG335578-4 QC Sample: L0812958-06 Client ID: ELEVATOR HALLWAY					
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	10.9	11.1	ppbV	2	25
2-Butanone	1.35	1.38	ppbV	2	25
4-Methyl-2-pentanone	0.620	0.611	ppbV	1	25

Project Name: GORHAM / ADELAIDE HS **Lab Number:** L0812958

Project Number: 6196501 **Report Date:** 09/10/08

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
L0812958-01	RM 152	0042	#90 AMB		-	-	78	81	4
L0812958-01	RM 152	368	2.7L Can	I0812453	-29.7	-1.5	-	-	-
L0812958-02	RM 145	0159	#90 SV		-	-	77	83	8
L0812958-02	RM 145	410	2.7L Can	I0812453	-29.7	-0.3	-	-	-
L0812958-03	RM 110	0279	#90 SV		-	-	78	77	1
L0812958-03	RM 110	327	2.7L Can	I0812453	-29.7	-2.3	-	-	-
L0812958-04	RM 118	0330	#90 AMB		-	-	77	78	1
L0812958-04	RM 118	451	2.7L Can	I0812453	-29.7	-4.2	-	-	-
L0812958-05	GYMNASIUM	0448	#90 SV		-	-	79	81	3
L0812958-05	GYMNASIUM	544	2.7L Can	I0812453	-29.7	-1.3	-	-	-
L0812958-06	ELEVATOR HALLWAY	0364	#90 SV		-	-	78	78	0
L0812958-06	ELEVATOR HALLWAY	539	2.7L Can	I0812453	-29.7	-3.0	-	-	-
L0812958-07	CAFETERIA	0147	#90 SV		-	-	79	78	1
L0812958-07	CAFETERIA	200	2.7L Can	I0812453	-29.7	0	-	-	-
L0812958-08	KITCHEN STORAGE ROOM	0153	#90 SV		-	-	76	78	3
L0812958-08	KITCHEN STORAGE ROOM	495	2.7L Can	I0812453	-29.7	-3.2	-	-	-
L0812958-09	AMBIENT OUTDOOR	0446	#90 SV		-	-	79	81	3

Project Name: GORHAM / ADELAIDE HS **Lab Number:** L0812958

Project Number: 6196501 **Report Date:** 09/10/08

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
L0812958-09	AMBIENT OUTDOOR	349	2.7L Can	I0812453	-29.7	-1.6	-	-	-

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812958
Report Date: 09/10/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0812958-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812958-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)

*Hold days indicated by values in parentheses

Project Name:	GORHAM / ADELAIDE HS	**Lab Number:**	L0812958
Project Number:	6196501	**Report Date:**	09/10/08

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: Data Usability Report

Project Name:	GORHAM / ADELAIDE HS	**Lab Number:**	L0812958
Project Number:	6196501	**Report Date:**	09/10/08

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.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

09100815:53

Date Rec'd in Lab:

ALPHA Job #: L0812958

Client Information

Client: EA Engineering
Address: 2350 Post Road
Warwick, RI
Phone: 401-736-3440
Fax: 401-736-3423
Email: mspicer@eaest.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Gorham/Adelaide
Project Location: Providence, RI
Project #: 6190501
Project Manager: Mark Spicer
ALPHA Quote #:

Turn-Around Time

☒ Standard 10 DAYS ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

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	Draft Proposed Resid. Target Air Compounds	

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS: TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
12958-01	Rm-152	8/28	0703	0733	-30+	-4	AA	RT/DM	27	368	0642			X					PID: 0 ppm
-02	Rm-145		0702	0732	-30+	-4				410	0159			X					0 ppm
-03	Rm-110		0706	0736	-30+	-5				327	0279			X					0.40 ppm
-04	Rm 118		0705	0735	-30+	-5				451	0330			X					0.66 ppm
-05	Gymnasium		0710	0740	-30	-2				544	0448			X					0.27 ppm
-06	Elevator Hallway		0708	0738	-30	-3				534	0364			X					0.23 ppm
-07	Cafeteria		0708	0738	-30	-1				200	0147			X					0.22 ppm
-08	Kitchen Storage Room		0709	0741	-30+	-4				495	0153			X					0.24 ppm
-09	Ambient Outdoor	↓	0720	0750	-30+	-2	↓	↓	↓	349	0446			X					0.01 ppm

*SAMPLE MATRIX CODES

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

Container Type: 6S

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	8/29/08 11:00	K Sales	8-29-08 11:00

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.

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

Appendix C

Sub-Slab Air Analytical Summary and Lab Reports

LEGEND :

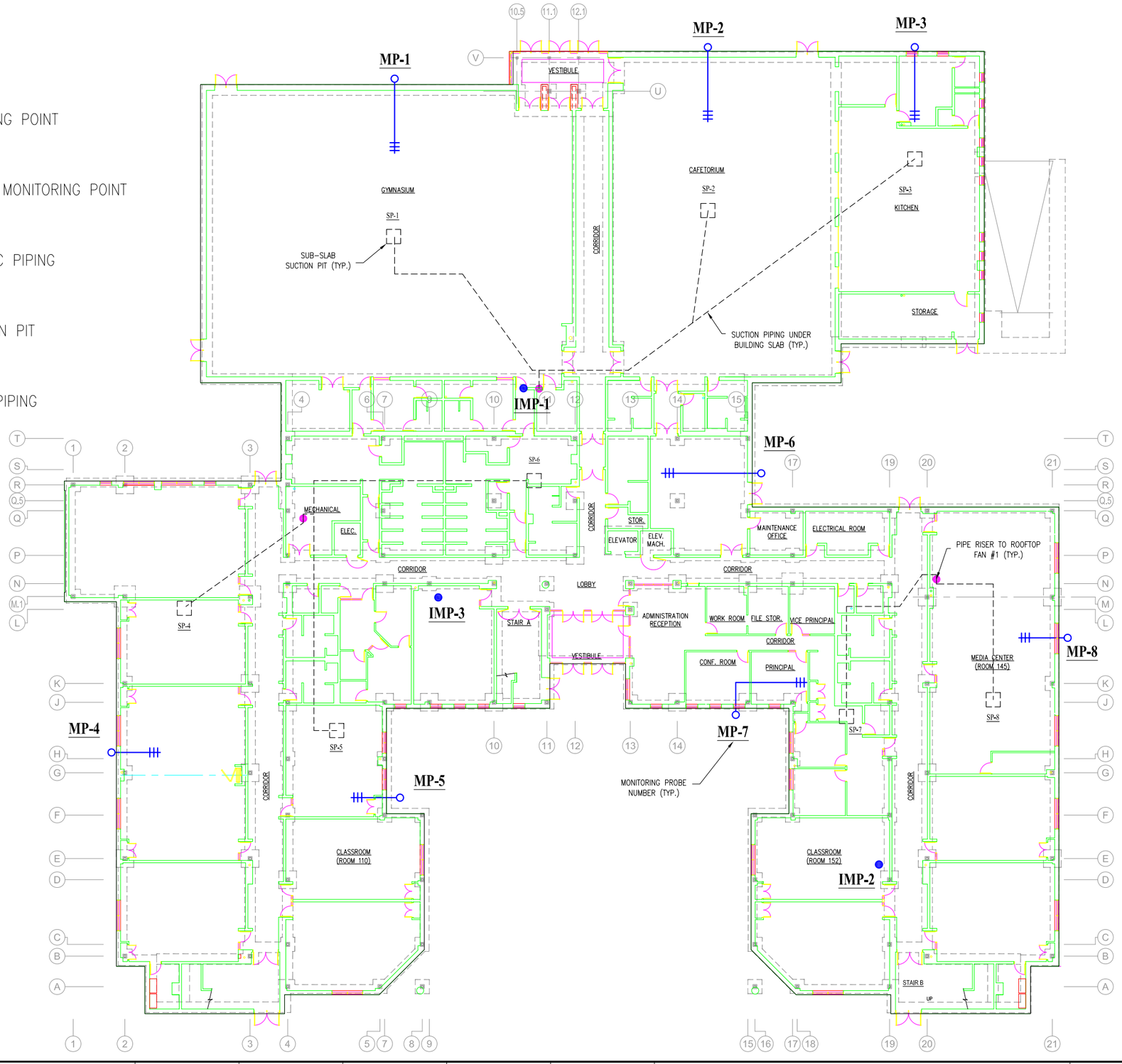
MP-1 SUB–SLAB MONITORING POINT

IMP-1 INTERIOR SUB–SLAB MONITORING POINT

SLOTTED 1 INCH PVC PIPING

SP-1 SSD SYSTEM SUCTION PIT

SOLID 4 INCH PVC PIPING



DESIGNED BY PMG	DRAWN BY DMA	DATE AUG 27 2007	PROJECT NO. 61965.01	FILE NAME AS–BUILT08–07	AS–BUILT SUB SLAB MONITORING AND SAMPLING LOCATIONS ADELAIDE AVE HIGH SCHOOL PROVIDENCE, RHODE ISLAND
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. 2 OF 3	FIGURE N/A	

QUARTERLY STATUS REPORT
APPENDIX C

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
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	
	22-Mar-07	68.1	U	68.1	U	68.1	U	68.1	U	68.1	U	68.1	U	68.1	U	27.2	U	NS		NS		NS	
	26-Apr-07	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	NS		NS		NS	
	21-May-07	49.6	U	27.2	U	27.2	U	48	U	27.2	U	27.2	U	2.72	U	27.2	U	NS		NS		NS	
	29-Jun-07	0.55	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	
	30-Jul-07	0.55	U	NS		NS		1.1	U	NS		0.55	U	2.7	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.09	U	NS		2.72	U	NS		NS		NS		1.09	U	0.47		NS	
	20-Sep-07	NS		2.72	U	NS		NS		NS		NS		NS		2.72	U	NS		1.19		0.11	
	9-Oct-07	2.72	U	NS		NS		NS		0.55	U	NS		NS		NS		0.17		NS		0.11	U
	7-Nov-07	NS		0.13		NS		NS		NS		0.11	U	NS		NS		0.11	U	1.50		NS	
	6-Dec-07	NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		0.34		0.94	
	8-Jan-08	NS		NS		NS		0.14		NS		NS		NS		0.11	U	0.11		NS		0.48	
	8-Feb-08	0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.56		NS	
	27-Mar-08	NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.52		0.27	
	25-Apr-08	NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		0.11	U	NS		0.12	
	29-May-08	NS		NS		NS		0.12		NS		NS		NS		0.11	U	0.11	U	0.54		NS	
	27-Jun-08	0.17	U	NS		NS		NS		0.46		NS		NS		NS		NS		0.38		0.14	
	31-Jul-08	NS		0.11	U	NS		NS		NS		NS		NS		NS		0.11	U	NS		0.11	U
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.153		NS		0.11	U	0.49		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	
	22-Mar-07	85.7	U	85.7	U	85.7	U	85.7	U	85.7	U	85.7	U	85.7	U	34.3	U	NS		NS		NS	
	26-Apr-07	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	NS		NS		NS	
	21-May-07	62.4	U	34.3	U	34.3	U	60.4	U	34.3	U	34.3	U	3.43	U	34.3	U	NS		NS		NS	
	29-Jun-07	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	1.4	U	0.69	U	0.69	U	NS		NS		NS	
	30-Jul-07	0.69	U	NS		NS		1.4	U	NS		0.69	U	3.4	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.37	U	NS		3.43	U	NS		NS		NS		1.37	U	0.14	U	NS	
	20-Sep-07	NS		3.43	U	NS		NS		NS		NS		NS		3.43	U	NS		0.14	U	0.14	U
	9-Oct-07	3.43	U	NS		NS		NS		0.69	U	NS		NS		NS		0.14	U	NS		0.14	U
	7-Nov-07	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U	NS	
	6-Dec-07	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U
	8-Jan-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS		0.14	U
	8-Feb-08	0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS	
	27-Mar-08	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U
	25-Apr-08	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		0.14	U	NS		0.14	U
	29-May-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	0.14	U	NS	
	27-Jun-08	0.21	U	NS		NS		NS		0.14	U	NS		NS		NS		NS		0.14	U	0.14	U
	31-Jul-08	NS		0.14	U	NS		NS		NS		NS		NS		NS		0.14	U	NS		0.14	U
	28-Aug-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.14	U	0.14	U	NS	
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	
	22-Mar-07	85.7	U	85.7	U	85.7	U	85.7	U	85.7	U	85.7	U	85.7	U	34.3	U	NS		NS		NS	
	26-Apr-07	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	34.3	U	NS		NS		NS	
	21-May-07	62.4	U	34.3	U	34.3	U	60.4	U	34.2	U	34.3	U	3.43	U	34.3	U	NS		NS		NS	
	29-Jun-07	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	1.4	U	0.69	U	0.69	U	NS		NS		NS	
	30-Jul-07	0.69	U	NS		NS		1.40	U	NS		0.69	U	3.4	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.37	U	NS		3.43	U	NS		NS		NS		1.37	U	0.14	U	NS	
	20-Sep-07	NS		3.43	U	NS		NS		NS		NS		NS		3.43	U	NS		0.14	U	0.14	U
	9-Oct-07	3.43	U	NS		NS		NS		0.69	U	NS		NS		NS		0.14	U	NS		0.14	U
	7-Nov-07	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U	NS	
	6-Dec-07	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U
	8-Jan-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS		0.14	U
	8-Feb-08	0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS	
	27-Mar-08	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U
	25-Apr-08	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		0.14	U	NS		0.14	U
	29-May-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	0.14	U	NS	
	27-Jun-08	0.21	U	NS		NS		NS		0.14	U	NS		NS		NS		NS		0.14	U	0.14	U
	31-Jul-08	NS		0.14	U	NS		NS		NS		NS		NS		NS		0.14	U	NS		0.14	U
	28-Aug-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.14	U	0.14	U	NS	
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	
	22-Mar-07	68.1	U	68.1	U	68.1	U	68.1	U	68.1	U	68.1	U	68.1	U	27.2	U	NS		NS		NS	
	26-Apr-07	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	27.2	U	NS		NS		NS	
	21-May-07	36.8	U	27.2	U	27.2	U	48	U	27.2	U	27.2	U	2.72	U	27.2	U	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	
	30-Jul-07	0.6	U	NS		NS		1.1	U	NS		0.55	U	2.7	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.09	U	NS		2.72	U	NS		NS		NS		1.09	U	0.11	U	NS	
	20-Sep-07	NS		2.72	U	NS		NS		NS		NS		NS		2.72	U	NS		0.11	U	0.11	U
	9-Oct-07	2.72	U	NS		NS		NS		0.55	U	NS		NS		NS		0.11	U	NS		0.11	U
	7-Nov-07	NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		0.11	U	0.11	U	NS	
	6-Dec-07	NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		0.11	U	0.11	U
	8-Jan-08	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U	NS		0.11	U
	8-Feb-08	0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U	NS	
	27-Mar-08	NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U
	25-Apr-08	NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		0.11	U	NS		0.11	U
	29-May-08	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U	NS		NS	
	27-Jun-08	0.17	U	NS		NS		NS		0.11	U	NS		NS		NS		NS		0.11	U	0.11	U
	31-Jul-08	NS		0.11	U	NS		NS		NS		NS		NS		NS		0.11	U	NS		0.11	U
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.11	U	0.11	U	NS	
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	
	22-Mar-07	50.6	U	50.6	U	50.6	U	50.6	U	50.6	U	50.6	U	50.6	U	20.2	U	NS		NS		NS	
	26-Apr-07	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	NS		NS		NS	
	21-May-07	36.8	U	20.2	U	20.2	U	35.6	U	20.2	U	20.2	U	2.02	U	20.2	U	NS		NS		NS	
	29-Jun-07	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.81	U	0.40	U	0.40	U	NS		NS		NS	
	30-Jul-07	0.40	U	NS		NS		0.81	U	NS		0.40	U	2.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.81	U	NS		2.02	U	NS		NS		NS		0.81	U	0.08	U	NS	
	20-Sep-07	NS		2.02	U	NS		NS		NS		NS		NS		2.02	U	NS		0.08	U	0.08	U
	9-Oct-07	2.02	U	NS		NS		NS		0.40	U	NS		NS		NS		0.08	U	NS		0.08	U
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U
	8-Jan-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	NS	U	0.08	U	0.08	U
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U
	25-Apr-08	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.08	U	NS		0.08	U
	29-May-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	0.08	U	NS	
	27-Jun-08	0.13	U	NS		NS		NS		0.08	U	NS		NS		NS		NS		0.08	U	0.08	U
	31-Jul-08	NS		0.08	U	NS		NS		NS		NS		NS		NS		0.08	U	NS		0.08	U
	28-Aug-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.08	U	0.08	U	NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
1,1-Dichloroethene	15-Mar-07	360	U	340	U	340	U	350	U	340	U	140	U	53	U	150	U	NS		NS		NS	
	22-Mar-07	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	19.8	U	NS		NS		NS	
	26-Apr-07	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	NS		NS		NS	
	21-May-07	36	U	19.8	U	19.8	U	35.6	U	19.8	U	19.8	U	1.98	U	19.8	U	NS		NS		NS	
	29-Jun-07	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.79	U	0.40	U	0.40	U	NS		NS		NS	
	30-Jul-07	0.40	U	NS		NS		0.79	U	NS		0.40	U	2.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.79	U	NS		1.98	U	NS		NS		NS		0.79	U	0.79	U	NS	
	20-Sep-07	NS		1.98	U	NS		NS		NS		NS		NS		1.98	U	NS		0.08	U	0.08	U
	9-Oct-07	1.98	U	NS		NS		NS		0.40	U	NS		NS		NS		0.08	U	NS		0.08	U
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U
	8-Jan-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		0.08	U
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U
	25-Apr-08	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.08	U	NS		0.08	U
	29-May-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	0.08	U	NS	
	27-Jun-08	0.12	U	NS		NS		NS		0.08	U	NS		NS		NS		NS		0.08	U	0.08	U
	31-Jul-08	NS		0.08	U	NS		NS		NS		NS		NS		NS		0.08	U	NS		0.08	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.08	U	0.08	U	NS	
1,2,4-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	61.4	U	61.4	U	61.4	U	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	2.46	U	24.6	U	NS		NS		NS	
	29-Jun-07	2.4		1.5		1.2		3.4		3.2		0.98	U	2.6		1.5		NS		NS		NS	
	30-Jul-07	1.5		NS		1.7		NS		1.6		4.4		NS		NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.98	U	NS		2.46	U	NS		NS		NS		0.98	U	1.35		NS	
	20-Sep-07	NS		2.46	U	NS		NS		NS		NS		NS		2.46	U	NS		2.11		2.13	
	9-Oct-07	2.46	U	NS		NS		NS		0.54		NS		NS		NS		2.78		NS		1.98	
	7-Nov-07	NS		0.28		NS		NS		NS		0.43		NS		NS		1.28		1.15		NS	
	6-Dec-07	NS		NS		0.35		NS		NS		NS		0.35		NS		NS		2.60		2.26	
	8-Jan-08	NS		NS		NS		2.00		NS		NS		NS		3.66		11.7		NS		0.14	
	8-Feb-08	0.21		NS		NS		NS		0.23		NS		NS		NS		0.69		1.93		NS	
	27-Mar-08	NS		0.30		NS		NS		NS		0.15		NS		NS		NS		0.96		0.68	
	25-Apr-08	NS		NS		1.72		NS		NS		NS		0.64		NS		0.52		NS		0.34	
	29-May-08	NS		NS		NS		0.60		NS		NS		NS		1.00		1.26		NS		0.48	
	27-Jun-08	7.46		NS		NS		NS		1.15		NS		NS		NS		NS		0.64		0.74	
	31-Jul-08	NS		1.86		NS		NS		NS		NS		NS		NS		0.89		NS		0.69	
	28-Aug-08	NS		NS		0.838		NS		NS		NS		0.629		NS		0.67		0.65		NS	
1,2-Dibromoethane	15-Mar-07	690	U	660	U	660	U	670	U	650	U	260	U	100	U	290	U	NS		NS		NS	
	22-Mar-07	96	U	96	U	96	U	96	U	96	U	96	U	96	U	38.4	U	NS		NS		NS	
	26-Apr-07	38.4	U	38.4	U	38.4	U	38.4	U	38.4	U	38.4	U	38.4	U	38.4	U	NS		NS		NS	
	21-May-07	69.9	U	38.4	U	38.4	U	67.6	U	38.4	U	38.4	U	3.84	U	38.4	U	NS		NS		NS	
	29-Jun-07	0.77	U	0.77	U	0.77	U	0.77	U	0.77	U	1.5	U	0.77	U	0.77	U	NS		NS		NS	
	30-Jul-07	0.77	U	NS		NS		1.5	U	NS		0.77	U	3.8	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.54	U	NS		3.84	U	NS		NS		NS		1.54	U	0.15	U	NS	
	20-Sep-07	NS		3.84	U	NS		NS		NS		NS		NS		3.84	U	NS		0.15	U	0.15	U
	9-Oct-07	3.84	U	NS		NS		NS		0.77	U	NS		NS		NS		0.15	U	NS		0.15	U
	7-Nov-07	NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		0.15	U	0.15	U	NS	
	6-Dec-07	NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		0.15	U	0.15	U
	8-Jan-08	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	0.15	U	NS		0.15	U
	8-Feb-08	0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	0.15	U	NS	
	27-Mar-08	NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	0.15	U
	25-Apr-08	NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		0.15	U	NS		0.15	U
	29-May-08	NS		NS		NS		0.15	U	NS		NS		NS		0.15		0.15	U	0.15	U	NS	
	27-Jun-08	0.24	U	NS		NS		NS		0.15	U	NS		NS		NS		NS		0.15	U	0.15	U
	31-Jul-08	NS		0.15	U	NS		NS		NS		NS		NS		NS		0.15	U	NS		0.15	U
	28-Aug-08	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.15	U	0.15	U	NS	
1,2-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	75.1	U	75.1	U	75.1	U	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	3.0	U	30	U	NS		NS		NS	
	29-Jun-07	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U	1.2	U	0.60	U	0.60	U	NS		NS		NS	
	30-Jul-07	0.60	U	NS		NS		1.2	U	NS		0.60		3.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.2	U	NS		3.0	U	NS		NS		NS		1.20	U	0.12	U	NS	
	20-Sep-07	NS		3.0	U	NS		NS		NS		NS		NS		3.0	U	NS		0.12	U	0.12	U
	9-Oct-07	3.0	U	NS		NS		NS		0.60	U	NS		NS		NS		0.12	U	NS		0.12	U
	7-Nov-07	NS		0.12	U	NS		NS		NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	6-Dec-07	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		NS		0.12	U	0.12	U
	8-Jan-08	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	NS		0.12	U
	8-Feb-08	0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.55		NS	
	27-Mar-08	NS		0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U
	25-Apr-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		0.12	U
	29-May-08	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	0.12	U	NS	
	27-Jun-08	0.19	U	NS		NS		NS		0.12	U	NS		NS		NS		NS		0.12	U	0.12	U
	31-Jul-08	NS		0.12	U	NS		NS		NS		NS		NS		NS		0.12	U	NS		0.12	U
	28-Aug-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS	
1,2-Dichloroethane	15-Mar-07	370	U	350	U	350	U	350	U	340	U	140	U	53	U	150	U	NS		NS		NS	
	22-Mar-07	50.6	U	50.6	U	50.6	U	50.6	U	50.6	U	50.6	U	50.6	U	20.2	U	NS		NS		NS	
	26-Apr-07	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	20.2	U	NS		NS		NS	
	21-May-07	36.8	U	20.2	U	20.2	U	35.6	U	20.2	U	20.2	U	2.02	U	20.2	U	NS		NS		NS	
	29-Jun-07	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.81	U	0.40	U	0.40	U	NS		NS		NS	
	30-Jul-07	0.40	U	NS		NS		0.81	U	NS		0.40	U	2.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.81	U	NS		2.02	U	NS		NS		NS		0.81	U	0.08	U	NS	
	20-Sep-07	NS		2.02	U	NS		NS		NS		NS		NS		2.02	U	NS		0.08	U	0.08	U
	9-Oct-07	2.02	U	NS		NS		NS		0.40	U	NS		NS		NS		0.11		NS		0.08	U
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U
	8-Jan-08	NS		NS		NS		0.09		NS		NS		NS		0.08	U	NS		0.08	U	0.08	U
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.09		0.08	U	NS	
	27-Mar-08	NS		0.08	U	NS		NS		NS		0.14		NS		NS		NS		0.08	U	0.10	
	25-Apr-08	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.08	U	NS		0.09	
	29-May-08	NS		NS		NS		0.09		NS		NS		NS		0.11		0.08	U	0.08	U	NS	
	27-Jun-08	0.13	U	NS		NS		NS		0.15		NS		NS		NS		NS		0.11		0.08	U
	31-Jul-08	NS		0.08	U	NS		NS		NS		NS		NS		NS		0.08	U	NS		0.08	U
	28-Aug-08	NS		NS		0.171		NS		NS		NS		0.082		NS		0.08	U	0.08	U	NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	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		0.92	U	NS		0.46	U	2.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.92	U	NS		2.31	U	NS		NS		NS		0.92	U	0.09	U	NS	
	20-Sep-07	NS		2.31	U	NS		NS		NS		NS		NS		2.31	U	NS		0.09	U	0.09	U
	9-Oct-07	2.31	U	NS		NS		NS		0.46	U	NS		NS		NS		0.09	U	NS		0.09	U
	7-Nov-07	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U	NS	
	6-Dec-07	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U
	8-Jan-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS		0.09	U
	8-Feb-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U
	25-Apr-08	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U	NS		0.09	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	0.09	U	NS	
	27-Jun-08	0.14	U	NS		NS		NS		0.09	U	NS		NS		NS		NS		0.09	U	0.09	U
	31-Jul-08	NS		0.09	U	NS		NS		NS		NS		NS		NS		0.09	U	NS		0.09	U
	28-Aug-08	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.09	U	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	61.4	U	61.4	U	61.4	U	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	2.46	U	24.6	U	NS		NS		NS	
	29-Jun-07	1.2		0.79		0.59		1.7		1.7		0.98	U	2.6		1.5		NS		NS		NS	
	30-Jul-07	0.74		NS		NS		0.98	U	NS		0.88		2.5		NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.98	U	NS		2.46	U	NS		NS		NS		0.98	U	0.58		NS	
	20-Sep-07	NS		2.46	U	NS		NS		NS		NS		NS		2.46	U	NS		0.79		0.69	
	9-Oct-07	2.46	U	NS		NS		NS		0.49	U	NS		NS		NS		1.41		NS		0.98	
	7-Nov-07	NS		0.10	U	NS		NS		NS		0.16		NS		NS		0.37		0.32		NS	
	6-Dec-07	NS		NS		0.19		NS		NS		NS		0.10	U	NS		NS		0.71		0.61	
	8-Jan-08	NS		NS		NS		0.51		NS		NS		NS		1.00		2.90		NS		0.10	U
	8-Feb-08	0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		0.47		0.66		NS	
	27-Mar-08	NS		0.14		NS		NS		NS		0.10	U	NS		NS		NS		0.35		0.28	
	25-Apr-08	NS		NS		1.60		NS		NS		NS		0.23		NS		0.19		NS		0.13	
	29-May-08	NS		NS		NS		0.18		NS		NS		NS		0.32		0.43		0.15		NS	
	27-Jun-08	5.16		NS		NS		NS		0.46		NS		NS		NS		NS		0.24		0.25	
	31-Jul-08	NS		0.71		NS		NS		NS		NS		NS		NS		0.28		NS		0.22	
	28-Aug-08	NS		NS		0.497		NS		NS		NS		0.215		NS		0.25		0.23		NS	
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	75.1	U	75.1	U	75.1	U	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	3.0	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		1.2	U	NS		0.60	U	3.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.2	U	NS		3.0	U	NS		NS		NS		1.20	U	0.12	U	NS	
	20-Sep-07	NS		3.0	U	NS		NS		NS		NS		NS		3.0	U	NS		0.12	U	0.12	U
	9-Oct-07	3.0	U	NS		NS		NS		0.60	U	NS		NS		NS		0.12	U	NS		0.12	U
	7-Nov-07	NS		0.12	U	NS		NS		NS		0.12		NS		NS		0.12	U	0.12	U	NS	
	6-Dec-07	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		NS		0.12	U	0.12	U
	8-Jan-08	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	NS		0.12	U
	8-Feb-08	0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	NS	
	27-Mar-08	NS		0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U
	25-Apr-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		0.12	U
	29-May-08	NS		NS		NS		1.18		NS		NS		NS		3.47		0.62		0.22		NS	
	27-Jun-08	0.19	U	NS		NS		NS		0.26		NS		NS		NS		NS		0.12	U	0.12	U
	31-Jul-08	NS		0.82		NS		NS		NS		NS		NS		NS		0.14		NS		0.12	U
	28-Aug-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	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	75.1	U	75.1	U	75.1	U	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	3	U	30	U	NS		NS		NS	
	29-Jun-07	69		58		55		68		65		39		75		61		NS		NS		NS	
	30-Jul-07	3.8		NS		NS		2.0		NS		3.1		7.0		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.2	U	NS		3.0	U	NS		NS		NS		1.20	U	0.69		NS	
	20-Sep-07	NS		89.2		NS		NS		NS		NS		NS		114		NS		97.9		111	
	9-Oct-07	83.8		NS		NS		NS		31		NS		NS		NS		20.5		NS		32.8	
	7-Nov-07	NS		9.78		NS		NS		NS		13.9		NS		NS		45.6		44.3		NS	
	6-Dec-07	NS		NS		4.54		NS		NS		NS		7.22		NS		NS		40.5		38.2	
	8-Jan-08	NS		NS		NS		0.98		NS		NS		NS		0.51		1.33		NS		0.39	
	8-Feb-08	1.56		NS		NS		NS		0.26		NS		NS		NS		9.50		7.91		NS	
	27-Mar-08	NS		4.33		NS		NS		NS		8.48		NS		NS		NS		6.28		15.1	
	25-Apr-08	NS		NS		0.35		NS		NS		NS		32.30		NS		17.9		NS		16.3	
	29-May-08	NS		NS		NS		5.50		NS		NS		NS		10.00		9.4		4.2		NS	
	27-Jun-08	47.3		NS		NS		NS		38.1		NS		NS		NS		NS		40.8		57.9	
	31-Jul-08	NS		2.46		NS		NS		NS		NS		NS		NS		1.84		NS		2.04	
	28-Aug-08	NS		NS		234		NS		NS		NS		214		NS		229		208.00		NS	
Benzene	15-Mar-07	290	U	280	U	280	U	280	U	270	U	110	U	42	U	120	U	NS		NS		NS	
	22-Mar-07	39.9	U	39.9	U	39.9	U	39.9	U	39.9	U	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		NS	
	29-Jun-07	0.69		0.64	U	0.73		0.67		0.75		1.3	U	0.83		0.7		NS		NS		NS	
	30-Jul-07	0.67		NS		NS		0.83		NS		0.75		1.6	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.64	U	NS		1.6	U	NS		NS		NS		0.64	U	0.38		NS	
	20-Sep-07	NS		5.59	U	NS		NS		NS		NS		NS		5.59	U	NS		0.42		0.34	
	9-Oct-07	7.98	U	NS		NS		NS		1.60	U	NS		NS		NS		0.65		NS		0.62	
	7-Nov-07	NS		0.46		NS		NS		NS		0.45		NS		NS		0.32		0.44		NS	
	6-Dec-07	NS		NS		0.45		NS		NS		NS		0.65		NS		NS		0.64	U	0.64	U
	8-Jan-08	NS		NS		NS		0.69		NS		NS		NS		1.78		2.80		NS		0.48	
	8-Feb-08	0.92		NS		NS		NS		0.98		NS		NS		NS		0.54		0.85		NS	
	27-Mar-08	NS		0.54		NS		NS		NS		0.46		NS		NS		NS		0.79		0.64	
	25-Apr-08	NS		NS		0.58		NS		NS		NS		0.75		NS		0.43		NS		0.54	
	29-May-08	NS		NS		NS		0.73		NS		NS		NS		1.03		1.12		0.61		NS	
	27-Jun-08	0.63		NS		NS		NS		0.47		NS		NS		NS		NS		0.50		0.40	
	31-Jul-08	NS		0.42		NS		NS		NS		NS		NS		NS		0.36		NS		0.27	
	28-Aug-08	NS		NS		1.02		NS		NS		NS		0.537		NS		0.82		0.69		NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Bromodichloromethane	15-Mar-07	600	U	580	U	580	U	580	U	570	U	230	U	88	U	250	U	NS		NS		NS	
	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		NS		NS	
	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		NS		NS	
	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		NS		NS	
	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		NS		NS	
	30-Jul-07	0.67	U	NS		NS		1.3	U	NS		0.67	U	3.4	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.34	U	NS		3.35	U	NS		NS		NS		1.34	U	0.13	U	NS	
	20-Sep-07	NS		3.35	U	NS		NS		NS		NS		NS		3.35	U	NS		0.13	U	0.13	U
	9-Oct-07	3.35	U	NS		NS		NS		0.67	U	NS		NS		NS		0.13	U	NS		0.13	U
	7-Nov-07	NS		0.13	U	NS		NS		NS		0.13	U	NS		NS		0.13	U	0.13	U	NS	
	6-Dec-07	NS		NS		0.13	U	NS		NS		NS		0.13	U	NS		NS		0.13	U	0.13	U
	8-Jan-08	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	NS		0.13	U
	8-Feb-08	0.13	U	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	NS	
	27-Mar-08	NS		0.13	U	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U
	25-Apr-08	NS		NS		0.13	U	NS		NS		NS		0.13	U	NS		0.13	U	NS		0.13	U
	29-May-08	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	0.13	U	NS	
	27-Jun-08	0.21	U	NS		NS		NS		0.13	U	NS		NS		NS		NS		0.13	U	0.13	U
	31-Jul-08	NS		0.13	U	NS		NS		NS		NS		NS		NS		0.13	U	NS		0.13	U
	28-Aug-08	NS		NS		0.134	U	NS		NS		NS		0.134	U	NS		0.13	U	0.13	U	NS	
Bromoform	15-Mar-07	930	U	890	U	890	U	900	U	880	U	360	U	140	U	390	U	NS		NS		NS	
	22-Mar-07	129	U	129	U	129	U	129	U	129	U	129	U	129	U	51.6	U	NS		NS		NS	
	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		NS		NS	
	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		NS		NS	
	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		NS		NS	
	30-Jul-07	1.0	U	NS		NS		2.1	U	NS		1.0	U	5.2	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		2.06	U	NS		5.16	U	NS		NS		NS		2.06	U	0.21	U	NS	
	20-Sep-07	NS		5.16	U	NS		NS		NS		NS		NS		5.16	U	NS		0.21	U	0.21	U
	9-Oct-07	5.16	U	NS		NS		NS		1.03	U	NS		NS		NS		0.21	U	NS		0.21	U
	7-Nov-07	NS		0.21	U	NS		NS		NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	6-Dec-07	NS		NS		0.21	U	NS		NS		NS		0.21	U	NS		NS		0.21	U	0.21	U
	8-Jan-08	NS		NS		NS		0.21	U	NS		NS		NS		0.21	U	0.21	U	NS		0.21	U
	8-Feb-08	0.21	U	NS		NS		NS		0.21	U	NS		NS		NS		0.21	U	0.21	U	NS	
	27-Mar-08	NS		0.21	U	NS		NS		NS		0.21	U	NS		NS		NS		0.21	U	0.21	U
	25-Apr-08	NS		NS		0.21	U	NS		NS		NS		0.21	U	NS		0.21	U	NS		0.21	U
	29-May-08	NS		NS		NS		0.21	U	NS		NS		NS		0.21	U	0.21	U	0.21	U	NS	
	27-Jun-08	0.32	U	NS		NS		NS		0.21	U	NS		NS		NS		NS		0.21	U	0.21	U
	31-Jul-08	NS		0.21	U	NS		NS		NS		NS		NS		NS		0.21	U	NS		0.21	U
	28-Aug-08	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.21	U	0.21	U	NS	
Carbon tetrachloride	15-Mar-07	570	U	540	U	540	U	540	U	530	U	220	U	83	U	240	U	NS		NS		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		NS		NS	
	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		NS		NS	
	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		NS		NS	
	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		NS		NS	
	30-Jul-07	0.63	U	NS		NS		1.3	U	NS		0.63	U	3.1	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.26	U	NS		3.14	U	NS		NS		NS		1.30	U	0.75		NS	
	20-Sep-07	NS		3.14	U	NS		NS		NS		NS		NS		3.14	U	NS		0.41		0.30	
	9-Oct-07	3.14	U	NS		NS		NS		0.63	U	NS		NS		NS		0.53		NS		0.51	
	7-Nov-07	NS		0.62		NS		NS		NS		0.52		NS		NS		0.56		0.55		NS	
	6-Dec-07	NS		NS		0.45		NS		NS		NS		0.48		NS		NS		0.50		0.50	
	8-Jan-08	NS		NS		NS		0.55		NS		NS		NS		0.56		0.59		NS		0.57	
	8-Feb-08	0.44		NS		NS		NS		0.46		NS		NS		NS		0.53		0.45		NS	
	27-Mar-08	NS		0.54		NS		NS		NS		0.48		NS		NS		NS		0.58		0.57	
	25-Apr-08	NS		NS		0.42		NS		NS		NS		0.45		NS		0.46		NS		0.45	
	29-May-08	NS		NS		NS		0.46		NS		NS		NS		0.46		0.47		0.46		NS	
	27-Jun-08	0.48		NS		NS		NS		0.51		NS		NS		NS		NS		0.53		0.55	
	31-Jul-08	NS		0.58		NS		NS		NS		NS		NS		NS		0.55		NS		0.50	
	28-Aug-08	NS		NS		0.515		NS		NS		NS		0.549		NS		0.57		0.56		NS	
Chlorobenzene	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	57.5	U	57.5	U	57.5	U	57.5	U	57.5	U	57.5	U	57.5	U	23	U	NS		NS		NS	
	26-Apr-07	23	U	23	U	23	U	23	U	23	U	23	U	23	U	23	U	NS		NS		NS	
	21-May-07	41.8	U	23	U	23	U	40.5	U	23	U	23	U	2.3	U	23	U	NS		NS		NS	
	29-Jun-07	0.53		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		0.92	U	NS		0.46	U	2.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.92	U	NS		2.3	U	NS		NS		NS		0.92	U	0.09	U	NS	
	20-Sep-07	NS		2.3	U	NS		NS		NS		NS		NS		2.3	U	NS		0.09	U	0.09	U
	9-Oct-07	2.3	U	NS		NS		NS		0.46	U	NS		NS		NS		0.09	U	NS		0.09	U
	7-Nov-07	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U	NS	
	6-Dec-07	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U
	8-Jan-08	NS		NS		NS		0.09	U	NS		NS		NS		0.14		0.09	U	NS		0.09	U
	8-Feb-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS		0.05	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U
	25-Apr-08	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U	NS		0.09	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	0.09	U	NS	
	27-Jun-08	0.21		NS		NS		NS		0.09	U	NS		NS		NS		NS		0.09	U	0.09	U
	31-Jul-08	NS		0.09	U	NS		NS		NS		NS		NS		NS		0.09	U	NS		0.09	U
	28-Aug-08	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.09	U	0.09	U	NS	
Chloroethane	15-Mar-07	240	U	230	U	230	U	230	U	220	U	91	U	35	U	99	U	NS		NS		NS	
	22-Mar-07	33	U	33	U	33	U	33	U	33	U	33	U	33	U	13.2	U	NS		NS		NS	
	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		NS		NS	
	21-May-07	24	U	13.2	U	13.2	U	23.2	U	13.2	U	13.2	U	1.32	U	13.2	U	NS		NS		NS	
	29-Jun-07	0.26	U	0.26	U	0.26	U	0.34		0.26	U	0.53	U	0.26	U	0.26	U	NS		NS		NS	
	30-Jul-07	0.26	U	NS		NS		0.53	U	NS		0.26	U	1.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.53	U	NS		1.32	U	NS		NS		NS		0.53	U	0.06		NS	
	20-Sep-07	NS		1.32	U	NS		NS		NS		NS		NS		1.32	U	NS		0.05	U	0.05	U
	9-Oct-07	1.32	U	NS		NS		NS		0.26	U	NS		NS		NS		0.05	U	NS		0.05	U
	7-Nov-07	NS		0.05	U	NS		NS		NS		0.05	U	NS		NS		0.05	U	0.06		NS	
	6-Dec-07	NS		NS		0.11		NS		NS		NS		0.05	U	NS		NS		0.05	U	0.05	U
	8-Jan-08	NS		NS		NS		0.11		NS		NS		NS		0.05	U	0.05	U	NS		0.05	U
	8-Feb-08	0.05	U	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	NS	
	27-Mar-08	NS		0.05	U	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U
	25-Apr-08	NS		NS		0.05	U	NS		NS		NS		0.14		NS		0.05	U	NS		0.05	U
	29-May-08	NS		NS		NS		0.11		NS		NS		NS		0.10		0.07		0.05	U	NS	
	27-Jun-08	0.08	U	NS		NS		NS		0.13		NS		NS		NS		NS		0.05	U	0.05	U
	31-Jul-08	NS		0.05	U	NS		NS		NS		NS		NS		NS		0.05	U	NS		0.05	U
	28-Aug-08	NS		NS		0.053	U	NS		NS		NS		0.153		NS		0.05	U	0.08		NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Chloroform	15-Mar-07	440	U	420	U	420	U	420	U	410	U	170	U	64	U	180	U	NS		NS		NS	
	22-Mar-07	61	U	61	U	61	U	61	U	61	U	61	U	61	U	24.4	U	NS		NS		NS	
	26-Apr-07	24.4	U	24.4	U	24.4	U	24.4	U	24.4	U	24.4	U	24.4	U	24.4	U	NS		NS		NS	
	21-May-07	44.4	U	24.4	U	24.4	U	42.9	U	24.4	U	24.4	U	2.44	U	24.4	U	NS		NS		NS	
	29-Jun-07	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.98	U	0.49	U	0.49	U	NS		NS		NS	
	30-Jul-07	0.49	U	NS		NS		0.98	U	NS		0.49	U	2.4	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.98	U	NS		2.44	U	NS		NS		NS		0.98	U	0.18		NS	
	20-Sep-07	NS		2.44	U	NS		NS		NS		NS		NS		2.44	U	NS		0.25		0.17	
	9-Oct-07	2.44	U	NS		NS		NS		0.49	U	NS		NS		NS		0.20		NS		0.21	
	7-Nov-07	NS		0.16		NS		NS		NS		0.10	U	NS		NS		0.23		0.27		NS	
	6-Dec-07	NS		NS		0.22		NS		NS		NS		0.10	U	NS		NS		0.14		0.21	
	8-Jan-08	NS		NS		NS		0.26		NS		NS		NS		0.20		0.21		NS		0.26	
	8-Feb-08	0.10	U	NS		NS		NS		NS	U	NS		NS		NS		0.12		0.12		NS	
	27-Mar-08	NS		0.10	U	NS		NS		NS		0.13		NS		NS		NS		0.45		0.85	
	25-Apr-08	NS		NS		0.23		NS		NS		NS		0.20		NS		0.13		NS		0.27	
	29-May-08	NS		NS		NS		0.14		NS		NS		NS		0.10	U	0.11		0.14		NS	
	27-Jun-08	0.26		NS		NS		NS		0.62		NS		NS		NS		NS		0.31		0.40	
	31-Jul-08	NS		0.15		NS		NS		NS		NS		NS		NS		0.13		NS		0.12	
	28-Aug-08	NS		NS		0.098	U	NS		NS		NS		1.2		NS		0.331		0.386		NS	
Chloromethane	15-Mar-07	4700	U	4400	U	4400	U	4500	U	4400	U	1800	U	680	U	1900	U	NS		NS		NS	
	22-Mar-07	25.8	U	25.8	U	25.8	U	25.8	U	25.8	U	25.8	U	25.8	U	10.3	U	NS		NS		NS	
	26-Apr-07	10.3	U	10.3	U	10.3	U	10.3	U	10.3	U	10.3	U	10.3	U	10.3	U	NS		NS		NS	
	21-May-07	18.8	U	10.3	U	10.3	U	18.2	U	10.3	U	10.3	U	1.42		10.3	U	NS		NS		NS	
	29-Jun-07	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.83	U	0.41	U	0.41	U	NS		NS		NS	
	30-Jul-07	5.2	U	NS		NS		10	U	NS		5.2	U	26	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		24.4	U	NS		61	U	NS		NS		NS		24.4	U	7.63		NS	
	20-Sep-07	NS		61	U	NS		NS		NS		NS		NS		61	U	NS		2.44	U	2.44	U
	9-Oct-07	61	U	NS		NS		NS		12.2	U	NS		NS		NS		2.96		NS		3.13	
	7-Nov-07	NS		2.57		NS		NS		NS		3.25		NS		NS		2.44	U	2.44	U	NS	
	6-Dec-07	NS		NS		2.44	U	NS		NS		NS		2.44	U	NS		NS		2.44	U	2.44	U
	8-Jan-08	NS		NS		NS		2.44	U	NS		NS		NS		2.44	U	2.44	U	NS		2.44	U
	8-Feb-08	2.44	U	NS		NS		NS		2.44	U	NS		NS		NS		2.44	U	2.44	U	NS	
	27-Mar-08	NS		2.67		NS		NS		NS		3.24		NS		NS		NS		2.44	U	2.44	U
	25-Apr-08	NS		NS		2.44	U	NS		NS		NS		2.44	U	NS		2.44	U	NS		2.44	U
	29-May-08	NS		NS		NS		2.44	U	NS		NS		NS		2.44	U	2.44	U	2.44	U	NS	
	27-Jun-08	3.8	U	NS		NS		NS		2.44	U	NS		NS		NS		NS		2.44	U	2.44	U
	31-Jul-08	NS		4.64		NS		NS		NS		NS		NS		NS		2.44	U	NS		2.44	U
	28-Aug-08	NS		NS		2.44	U	NS		NS		NS		2.44	U	NS		2.44	U	2.44	U	NS	
cis-1,2-Dichloroethene*	15-Mar-07	360	U	340	U	340	U	340	U	340	U	140	U	52	U	150	U	NS		NS		NS	
	22-Mar-07	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	19.8	U	NS		NS		NS	
	26-Apr-07	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	NS		NS		NS	
	21-May-07	36	U	19.8	U	19.8	U	34.9	U	19.8	U	19.8	U	1.98	U	19.8	U	NS		NS		NS	
	29-Jun-07	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.91	U	0.45	U	0.45	U	NS		NS		NS	
	30-Jul-07	0.40	U	NS		NS		0.79	U	NS		0.40	U	2.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.79	U	NS		1.98	U	NS		NS		NS		0.79	U	0.08	U	NS	
	20-Sep-07	NS		1.98	U	NS		NS		NS		NS		NS		1.98	U	NS		0.08	U	0.08	U
	9-Oct-07	1.98	U	NS		NS		NS		0.40	U	NS		NS		NS		0.08	U	NS		0.08	U
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U
	8-Jan-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		0.08	U
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U
	25-Apr-08	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.08	U	NS		0.08	U
	29-May-08	NS		NS		NS		0.08		NS		NS		NS		0.08	U	0.08	U	NS		NS	
	27-Jun-08	0.12	U	NS		NS		NS		0.08	U	NS		NS		NS		NS		0.08	U	0.08	U
	31-Jul-08	NS		0.08	U	NS		NS		NS		NS		NS		NS		0.08	U	NS		0.08	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.08	U	0.079	U	NS	
cis-1,3-Dichloropropene	15-Mar-07	410	U	390	U	390	U	390	U	380	U	160	U	60	U	170	U	NS		NS		NS	
	22-Mar-07	56.7	U	56.7	U	56.7	U	56.7	U	56.7	U	56.7	U	56.7	U	22.7	U	NS		NS		NS	
	26-Apr-07	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	NS		NS		NS	
	21-May-07	41.3	U	22.7	U	22.7	U	39.9	U	22.7	U	22.7	U	2.27	U	22.7	U	NS		NS		NS	
	29-Jun-07	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.91	U	0.45	U	0.45	U	NS		NS		NS	
	30-Jul-07	0.45	U	NS		NS		0.91	U	NS		0.45	U	2.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.91	U	NS		2.27	U	NS		NS		NS		0.91	U	0.09	U	NS	
	20-Sep-07	NS		2.27	U	NS		NS		NS		NS		NS		2.27	U	NS		0.09	U	0.09	U
	9-Oct-07	2.27	U	NS		NS		NS		0.45	U	NS		NS		NS		0.09	U	NS		0.09	U
	7-Nov-07	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U	NS	
	6-Dec-07	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U
	8-Jan-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U	0.09	U
	8-Feb-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U
	25-Apr-08	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U	NS		0.09	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	0.09	U	NS	
	27-Jun-08	0.14	U	NS		NS		NS		0.09	U	NS		NS		NS		NS		0.09	U	0.09	U
	31-Jul-08	NS		0.09	U	NS		NS		NS		NS		NS		NS		0.09	U	NS		0.09	U
	28-Aug-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.09	U	0.091	U	NS	
Dibromochloromethane	15-Mar-07	770	U	730	U	730	U	740	U	720	U	290	U	110	U	320	U	NS		NS		NS	
	22-Mar-07	106	U	106	U	106	U	106	U	106	U	106	U	106	U	42.6	U	NS		NS		NS	
	26-Apr-07	42.6	U	42.6	U	42.6	U	42.6	U	42.6	U	42.6	U	42.6	U	42.6	U	NS		NS		NS	
	21-May-07	77.4	U	42.6	U	42.6	U	74.9	U	42.6	U	42.6	U	4.26	U	42.6	U	NS		NS		NS	
	29-Jun-07	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U	1.7	U	0.85	U	0.85	U	NS		NS		NS	
	30-Jul-07	0.85	U	NS		NS		1.70	U	NS		0.85	U	4.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.96	U	NS		2.4	U	NS		NS		NS		0.96	U	0.10	U	NS	
	20-Sep-07	NS		2.4	U	NS		NS		NS		NS		NS		2.4	U	NS		0.10	U	0.10	U
	9-Oct-07	2.4	U	NS		NS		NS		0.48	U	NS		NS		NS		0.10	U	NS		0.10	U
	7-Nov-07	NS		0.10	U	NS		NS		NS		0.10	U	NS		NS		0.10	U	0.10	U	NS	
	6-Dec-07	NS		NS		0.10	U	NS		NS		NS		0.10	U	NS		NS		0.10	U	0.10	U
	8-Jan-08	NS		NS		NS		0.10	U	NS		NS		NS		0.10	U	NS		NS		0.10	U
	8-Feb-08	0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		0.10	U	0.10	U	NS	
	27-Mar-08	NS		0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		0.10	U	0.10	U
	25-Apr-08	NS		NS		0.10	U	NS		NS		NS		0.10	U	NS		0.10	U	NS		0.10	U
	29-May-08	NS		NS		NS		0.10	U	NS		NS		NS		0.10	U	0.10	U	0.10	U	NS	
	27-Jun-08	0.15	U	NS		NS		NS		0.10	U	NS		NS		NS		NS		0.10	U	0.10	U
	31-Jul-08	NS		0.10	U	NS		NS		NS		NS		NS		NS		0.10	U	NS		0.10	U
	28-Aug-08	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.10	U	0.096	U	NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Dichlorodifluoromethane	15-Mar-07	450	U	420	U	420	U	430	U	420	U	170	U	65	U	180	U	NS		NS		NS	
	22-Mar-07	124	U	124	U	124	U	124	U	124	U	124	U	124	U	49.4	U	NS		NS		NS	
	26-Apr-07	49.4	U	49.4	U	49.4	U	49.4	U	49.4	U	49.4	U	49.4	U	49.4	U	NS		NS		NS	
	21-May-07	89.9	U	49.4	U	49.4	U	87	U	49.4	U	49.4	U	4.94	U	49.4	U	NS		NS		NS	
	29-Jun-07	2.2		2.2		2.1		0.85	U	0.49	U	2.5		2.3		2.0	U	NS		NS		NS	
	30-Jul-07	2.4		NS		NS		2.5		NS		2.2		3.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		2.82		NS		6.18	U	NS		NS		NS		3.01		2.38		NS	
	20-Sep-07	NS		6.18	U	NS		NS		NS		NS		NS		6.18	U	NS		1.98		1.77	
	9-Oct-07	6.18	U	NS		NS		NS		1.24	U	NS		NS		NS		2.65		NS		2.78	
	7-Nov-07	NS		2.60		NS		NS		NS		2.23		NS		NS		2.30		0.25	U	NS	
	6-Dec-07	NS		NS		3.14		NS		NS		NS		2.46		NS		NS		2.34		2.38	
	8-Jan-08	NS		NS		NS		2.82		NS		NS		NS		2.80		2.91		NS		2.81	
	8-Feb-08	2.00		NS		NS		NS		2.03		NS		NS		NS		1.92		2.00		NS	
	27-Mar-08	NS		2.29		NS		NS		NS		2.15		NS		NS		NS		2.72		4.14	
	25-Apr-08	NS		NS		2.01		NS		NS		NS		NS		2.11		NS		2.04		2.16	
	29-May-08	NS		NS		NS		1.63		NS		NS		NS		1.62		1.68		1.66		NS	
	27-Jun-08	2.03		NS		NS		NS		2.52		NS		NS		NS		NS		2.27		2.48	
	31-Jul-08	NS		1.90		NS		NS		NS		NS		NS		NS		1.81		NS		1.87	
	28-Aug-08	NS		NS		3.13		NS		NS		NS		2.8		NS		2.75		2.88		NS	
Ethylbenzene	15-Mar-07	390	U	370	U	370	U	380	U	370	U	150	U	57	U	160	U	NS		NS		NS	
	22-Mar-07	54.2	U	54.2	U	54.2	U	54.2	U	54.2	U	54.2	U	54.2	U	21.7	U	NS		NS		NS	
	26-Apr-07	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	NS		NS		NS	
	21-May-07	39.5	U	21.7	U	21.7	U	38.2	U	21.7	U	21.7	U	2.17	U	21.7	U	NS		NS		NS	
	29-Jun-07	15		0.43	U	0.43	U	0.43	U	0.43	U	0.87	U	0.52		0.43	U	NS		NS		NS	
	30-Jul-07	0.87		NS		NS		0.87	U	NS		1.0		2.2	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.87	U	NS		2.17	U	NS		NS		NS		0.87	U	0.59		NS	
	20-Sep-07	NS		2.17	U	NS		NS		NS		NS		NS		2.17	U	NS		0.95		1.10	
	9-Oct-07	2.17	U	NS		NS		NS		0.43	U	NS		NS		NS		1.65		NS		0.89	
	7-Nov-07	NS		0.15		NS		NS		NS		0.23		NS		NS		0.36		0.71		NS	
	6-Dec-07	NS		NS		0.12		NS		NS		NS		0.16		NS		NS		0.88		0.67	
	8-Jan-08	NS		NS		NS		1.01		NS		NS		NS		3.31		6.94		NS		0.21	
	8-Feb-08	0.21		NS		NS		NS		0.23		NS		NS		NS		0.33		4.89		NS	
	27-Mar-08	NS		0.30		NS		NS		NS		0.16		NS		NS		NS		0.65		0.37	
	25-Apr-08	NS		NS		0.29		NS		NS		NS		0.32		NS		0.84		NS		0.57	
	29-May-08	NS		NS		NS		1.49		NS		NS		NS		2.20		2.82		1.01		NS	
	27-Jun-08	4.34		NS		NS		NS		0.47		NS		NS		NS		NS		0.61		0.70	
	31-Jul-08	NS		0.82		NS		NS		NS		NS		NS		NS		0.76		NS		0.58	
	28-Aug-08	NS		NS		0.83		NS		NS		NS		0.482		NS		0.71		0.666		NS	
Methylene chloride	15-Mar-07	12000	U	12000	U	12000	U	12000	U	14000		4800	U	1800	U	5200	U	NS		NS		NS	
	22-Mar-07	86.8	U	86.8	U	86.8	U	86.8	U	86.8	U	86.8	U	86.8	U	34.7	U	NS		NS		NS	
	26-Apr-07	34.7	U	34.7	U	34.7	U	34.7	U	34.7	U	34.7	U	34.7	U	69.4		NS		NS		NS	
	21-May-07	63.2	U	34.7	U	34.7	U	61.1	U	34.7	U	34.7	U	3.47	U	34.7	U	NS		NS		NS	
	29-Jun-07	8.7	U	8.7	U	8.7	U	8.7	U	8.7	U	17	U	8.7	U	8.7	U	NS		NS		NS	
	30-Jul-07	14	U	NS		NS		28	U	NS		14	U	69	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		34.9	U	NS		91.3		NS		NS		NS		34.9	U	1.74	U	NS	
	20-Sep-07	NS		43.4	U	NS		NS		NS		NS		NS		43.4	U	NS		1.74	U	1.74	U
	9-Oct-07	43.4	U	NS		NS		NS		8.68	U	NS		NS		NS		6.25		NS		1.74	U
	7-Nov-07	NS		1.74	U	NS		NS		NS		1.74	U	NS		NS		1.74	U	1.74	U	NS	
	6-Dec-07	NS		NS		1.74	U	NS		NS		NS		1.74	U	NS		NS		1.74	U	1.74	U
	8-Jan-08	NS		NS		NS		1.74	U	NS		NS		NS		1.97		1.74	U	NS		1.74	U
	8-Feb-08	2.34		NS		NS		NS		1.74	U	NS		NS		NS		1.74	U	1.74	U	NS	
	27-Mar-08	NS		1.74	U	NS		NS		NS		2.87		NS		NS		NS		2.10		1.74	U
	25-Apr-08	NS		NS		1.74	U	NS		NS		NS		1.74	U	NS		1.74	U	NS		1.74	U
	29-May-08	NS		NS		NS		1.74	U	NS		NS		NS		1.74	U	2.91		1.74	U	NS	
	27-Jun-08	4.33	U	NS		NS		NS		3.69		NS		NS		NS		NS		2.78	U	2.78	U
	31-Jul-08	NS		1.74	U	NS		NS		NS		NS		NS		NS		1.74	U	NS		1.74	U
	28-Aug-08	NS		NS		1.74	U	NS		NS		NS		1.74	U	NS		1.74	U	1.74	U	NS	
Methyl tert butyl ether (MTBE)	15-Mar-07	330	U	310	U	310	U	310	U	310	U	120	U	48	U	140	U	NS		NS		NS	
	22-Mar-07	45	U	45	U	45	U	45	U	45	U	45	U	45	U	20.5	U	NS		NS		NS	
	26-Apr-07	18	U	18	U	18	U	18	U	18	U	18	U	18	U	18	U	NS		NS		NS	
	21-May-07	32.8	U	18	U	18	U	31.7	U	18	U	18	U	1.8	U	18	U	NS		NS		NS	
	29-Jun-07	0.54		0.72		0.36	U	0.36	U	0.36	U	0.72	U	0.36	U	0.36	U	NS		NS		NS	
	30-Jul-07	0.36	U	NS		NS		0.72	U	NS		0.36	U	1.8	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.72	U	NS		1.8	U	NS		NS		NS		0.72	U	0.07	U	NS	
	20-Sep-07	NS		1.8	U	NS		NS		NS		NS		NS		1.8	U	NS		0.07	U	0.07	U
	9-Oct-07	1.8	U	NS		NS		NS		0.36	U	NS		NS		NS		0.08		NS		0.07	U
	7-Nov-07	NS		0.07	U	NS		NS		NS		0.07	U	NS		NS		0.07	U	0.07	U	NS	
	6-Dec-07	NS		NS		0.07	U	NS		NS		NS		0.07	U	NS		NS		0.07	U	0.07	U
	8-Jan-08	NS		NS		NS		0.10		NS		NS		NS		0.16		0.29		NS		0.12	
	8-Feb-08	0.07	U	NS		NS		NS		0.07	U	NS		NS		NS		0.14		0.07	U	NS	
	27-Mar-08	NS		0.07	U	NS		NS		NS		0.07	U	NS		NS		NS		0.17		0.13	
	25-Apr-08	NS		NS		0.07	U	NS		NS		NS		0.07	U	NS		0.07	U	NS		0.08	
	29-May-08	NS		NS		NS		0.07	U	NS		NS		NS		0.07	U	0.07	U	0.07	U	NS	
	27-Jun-08	0.44		NS		NS		NS		0.07	U	NS		NS		NS		NS		0.07	U	0.07	U
	31-Jul-08	NS		0.07	U	NS		NS		NS		NS		NS		NS		0.07	U	NS		0.07	U
	28-Aug-08	NS		NS		0.106		NS		NS		NS		0.072	U	NS		0.17	U	0.14		NS	
p/m-Xylene	15-Mar-07	780	U	750	U	750	U	750	U	740	U	300	U	120	U	320	U	NS		NS		NS	
	22-Mar-07	108	U	108	U	108	U	108	U	108	U	108	U	108	U	43.4	U	NS		NS		NS	
	26-Apr-07	43.4	U	43.4	U	43.4	U	43.4	U	43.4	U	43.4	U	43.4	U	43.4	U	NS		NS		NS	
	21-May-07	79.0	U	43.4	U	43.4	U	76.4	U	43.4	U	43.4	U	4.34	U	43.4	U	NS		NS		NS	
	29-Jun-07	25		1.2		1.2		1.4		1.4		1.7	U	1.7		1.3		NS		NS		NS	
	30-Jul-07	2.3		NS		NS		1.7	U	NS		2.8		4.9		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.74	U	NS		4.34	U	NS		NS		NS		1.74	U	1.84		NS	
	20-Sep-07	NS		4.34	U	NS		NS		NS		NS		NS		4.34	U	NS		2.75		3.20	
	9-Oct-07	4.34	U	NS		NS		NS		0.87	U	NS		NS		NS		4.86		NS		2.52	
	7-Nov-07	NS		0.42		NS		NS		NS		0.64		NS		NS		1.34		2.27		NS	
	6-Dec-07	NS		NS		0.36		NS		NS		NS		0.45		NS		NS		2.98		2.25	
	8-Jan-08	NS		NS		NS		3.70		NS		NS		NS		11.5		25.9		NS		0.74	
	8-Feb-08	0.55		NS		NS		NS		0.63		NS		NS		NS		1.04		18.30		NS	
	27-Mar-08	NS		0.89		NS		NS		NS		0.39		NS		NS		NS		2.17		1.33	
	25-Apr-08	NS		NS		0.82		NS		NS		NS		0.97		NS		2.54		NS		1.81	
	29-May-08	NS		NS		NS		5.00		NS		NS		NS		7.58		10.1		3.34		NS	
	27-Jun-08	12.6		NS		NS		NS		1.5		NS		NS		NS		NS		1.91		2.33	
	31-Jul-08	NS		2.40		NS		NS		NS		NS		NS		NS		2.08		NS		1.55	
	28-Aug-08	NS		NS		2.33		NS		NS		NS		1.44		NS		2.13		1.94		NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
o-Xylene	15-Mar-07	390	U	370	U	370	U	380	U	370	U	150	U	57	U	160	U	NS		NS		NS	
	22-Mar-07	54.2	U	54.2	U	54.2	U	54.2	U	54.2	U	54.2	U	54.2	U	21.7	U	NS		NS		NS	
	26-Apr-07	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	21.7	U	NS		NS		NS	
	21-May-07	39.5	U	21.7	U	21.7	U	38.2	U	21.7	U	21.7	U	2.17	U	21.7	U	NS		NS		NS	
	29-Jun-07	7.0		0.50		0.46		0.61		0.59		0.87	U	0.72		0.50		NS		NS		NS	
	30-Jul-07	0.80		NS		NS		0.87	U	NS		1.0		2.2	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.87	U	NS		2.17	U	NS		NS		NS		0.87	U	0.77		NS	
	20-Sep-07	NS		2.17	U	NS		NS		NS		NS		NS		2.17	U	NS		1.34		1.63	
	9-Oct-07	2.17	U	NS		NS		NS		0.43	U	NS		NS		NS		1.54		NS		0.94	
	7-Nov-07	NS		0.14		NS		NS		NS		0.19		NS		NS		0.48		0.71		NS	
	6-Dec-07	NS		NS		0.14		NS		NS		NS		0.16		NS		NS		1.10		0.85	
	8-Jan-08	NS		NS		NS		1.42		NS		NS		NS		3.97		9.61		NS		0.31	
	8-Feb-08	0.20		NS		NS		NS		0.23		NS		NS		NS		0.48		7.73		NS	
	27-Mar-08	NS		0.27		NS		NS		NS		0.14		NS		NS		NS		0.84		0.48	
	25-Apr-08	NS		NS		0.37		NS		NS		NS		0.41		NS		0.74		NS		0.62	
	29-May-08	NS		NS		NS		1.48		NS		NS		NS		2.26		2.84		1.02		NS	
	27-Jun-08	4.12		NS		NS		NS		0.55		NS		NS		NS		NS		0.67		0.79	
	31-Jul-08	NS		0.84		NS		NS		NS		NS		NS		NS		0.75		NS		0.56	
	28-Aug-08	NS		NS		0.804		NS		NS		NS		0.511		NS		0.80		0.725		NS	
Styrene	15-Mar-07	380	U	370	U	370	U	370	U	360	U	150	U	56	U	160	U	NS		NS		NS	
	22-Mar-07	53.2	U	53.2	U	53.2	U	53.2	U	53.2	U	53.2	U	53.2	U	21.3	U	NS		NS		NS	
	26-Apr-07	21.3	U	21.3	U	21.3	U	21.3	U	21.3	U	21.3	U	21.3	U	21.3	U	NS		NS		NS	
	21-May-07	38.7	U	21.3	U	21.3	U	37.4	U	21.3	U	21.3	U	2.13	U	21.3	U	NS		NS		NS	
	29-Jun-07	0.70		0.43	U	0.43	U	0.49	U	0.53		0.85	U	0.64		0.45		NS		NS		NS	
	30-Jul-07	0.47		NS		NS		0.85	U	NS		0.47		2.1	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.85	U	NS		2.13	U	NS		NS		NS		0.85	U	0.37		NS	
	20-Sep-07	NS		2.13	U	NS		NS		NS		NS		NS		2.13	U	NS		0.95		1.13	
	9-Oct-07	2.13	U	NS		NS		NS		0.43	U	NS		NS		NS		0.43		NS		0.62	
	7-Nov-07	NS		0.11		NS		NS		NS		0.16		NS		NS		0.38		0.47		NS	
	6-Dec-07	NS		NS		0.10		NS		NS		NS		0.12		NS		NS		0.77		0.75	
	8-Jan-08	NS		NS		NS		0.10		NS		NS		NS		0.20		0.32		NS		0.09	
	8-Feb-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.30		3.15		NS	
	27-Mar-08	NS		0.10		NS		NS		NS		0.18		NS		NS		NS		0.21		0.40	
	25-Apr-08	NS		NS		0.24		NS		NS		NS		1.07		NS		0.56		NS		0.35	
	29-May-08	NS		NS		NS		0.17		NS		NS		NS		0.30		0.36		0.27		NS	
	27-Jun-08	0.73		NS		NS		NS		0.35		NS		NS		NS		NS		0.60		0.59	
	31-Jul-08	NS		0.28		NS		NS		NS		NS		NS		NS		0.26		NS		0.17	
	28-Aug-08	NS		NS		1.22		NS		NS		NS		0.754		NS		1.02		1.01		NS	
Tetrachloroethene*	15-Mar-07	610	U	580		580	U	590	U	580	U	230	U	90	U	250	U	NS		NS		NS	
	22-Mar-07	84.7	U	84.7	U	84.7	U	84.7	U	84.7	U	84.7	U	84.7	U	33.9	U	NS		NS		NS	
	26-Apr-07	33.9	U	33.9	U	33.9	U	33.9	U	33.9	U	33.9	U	33.9	U	33.9	U	NS		NS		NS	
	21-May-07	61.7	U	33.9	U	33.9	U	59.6	U	33.9	U	33.9	U	3.39	U	33.9	U	NS		NS		NS	
	29-Jun-07	0.88		0.78		0.75		2.2		6.7		1.4	U	1.0		0.68		NS		NS		NS	
	30-Jul-07	0.81		NS		NS		2.2		NS		1.0		3.4	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.36	U	NS		3.39	U	NS		NS		NS		1.36	U	1.86		NS	
	20-Sep-07	NS		3.39	U	NS		NS		NS		NS		NS		3.39	U	NS		8.37		1.82	
	9-Oct-07	3.39	U	NS		NS		NS		5.73		NS		NS		NS		0.64		NS		0.86	
	7-Nov-07	NS		0.21		NS		NS		NS		0.20		NS		NS		0.48		8.36		NS	
	6-Dec-07	NS		NS		0.39		NS		NS		NS		0.36		NS		NS		2.00		10.7	
	8-Jan-08	NS		NS		NS		3.55		NS		NS		NS		1.20		4.59		NS		2.11	
	28-Jan-08	NS		NS		NS		NS		NS		NS		NS		0.14		NS		NS		NS	
	8-Feb-08	0.35		NS		NS		NS		0.14	U	NS		NS		NS		0.53		5.05		NS	
	27-Mar-08	NS		0.89		NS		NS		NS		0.88		NS		NS		NS		6.99		5.25	
	25-Apr-08	NS		NS		0.32		NS		NS		NS		0.99		NS		0.83		NS		0.87	
	29-May-08	NS		NS		NS		1.36		NS		NS		NS		0.24		0.30		3.21		NS	
	27-Jun-08	1.32		NS		NS		NS		29.6		NS		NS		NS		NS		5.08		1.80	
	31-Jul-08	NS		0.67		NS		NS		NS		NS		NS		NS		0.62		NS		0.57	
	28-Aug-08	NS		NS		1.55		NS		NS		NS		1.52		NS		1.37		6.26		NS	
Toluene	15-Mar-07	850	U	810	U	810	U	820	U	800	U	320	U	120	U	350	U	NS		NS		NS	
	22-Mar-07	47.1	U	47.1	U	47.1	U	47.1	U	47.1	U	47.1	U	47.1	U	18.8	U	NS		NS		NS	
	26-Apr-07	18.8	U	18.8	U	18.8	U	18.8	U	18.8	U	18.8	U	18.8	U	18.8	U	NS		NS		NS	
	21-May-07	34.3	U	26.2		18.8	U	57.3		47.4		18.8	U	1.92		18.8	U	NS		NS		NS	
	29-Jun-07	26		3.3		3.3		4.3		4.1		3.0		5.3		4.2		NS		NS		NS	
	30-Jul-07	5.3		NS		NS		2.9		NS		4.9		7.9		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.24	U	NS		1.88	U	NS		NS		NS		13.1		10.3		NS	
	20-Sep-07	NS		3.0		NS		NS		NS		NS		NS		5.22		NS		57.1		40	
	9-Oct-07	7.15		NS		NS		NS		1.0		NS		NS		NS		4.75		NS		34	
	7-Nov-07	NS		0.72		NS		NS		NS		1.14		NS		NS		9.34		40.8		NS	
	6-Dec-07	NS		NS		0.61		NS		NS		NS		0.90		NS		NS		21.0		25.3	
	8-Jan-08	NS		NS		NS		2.80		NS		NS		NS		12.6		31.1		NS		20.4	
	8-Feb-08	1.63		NS		NS		NS		1.80		NS		NS		NS		2.72		455		NS	
	27-Mar-08	NS		2.24		NS		NS		NS		1.45		NS		NS		NS		11.3		16.1	
	25-Apr-08	NS		NS		1.39		NS		NS		NS		1.34		NS		11.2		NS		21.8	
	29-May-08	NS		NS		NS		7.74		NS		NS		NS		11.60		21.0		13.0		NS	
	27-Jun-08	14.7		NS		NS		NS		2.33		NS		NS		NS		NS		10.6		22.2	
	31-Jul-08	NS		4.15		NS		NS		NS		NS		NS		NS		10.2		NS		6.11	
	28-Aug-08	NS		NS		6.48		NS		NS		NS		3.44		NS		10		11.2		NS	
trans-1,2-Dichloroethene*	15-Mar-07	360	U	340	U	340	U	340	U	340	U	140	U	52	U	150	U	NS		NS		NS	
	22-Mar-07	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	49.5	U	19.8	U	NS		NS		NS	
	26-Apr-07	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	19.8	U	NS		NS		NS	
	21-May-07	36.0	U	19.8	U	19.8	U	34.9	U	19.8	U	19.8	U	1.98	U	19.8	U	NS		NS		NS	
	29-Jun-07	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.79	U	0.40	U	0.40	U	NS		NS		NS	
	30-Jul-07	0.40	U	NS		NS		0.79	U	NS		0.40	U	2.0	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.79	U	NS		1.98	U	NS		NS		NS		0.79	U	0.08	U	NS	
	20-Sep-07	NS		1.98	U	NS		NS		NS		NS		NS		1.98	U	NS		0.08	U	0.08	U
	9-Oct-07	1.98	U	NS		NS		NS		0.40	U	NS		NS		NS		0.08	U	NS		0.08	U
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.09		0.08	U	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U
	8-Jan-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		0.08	U
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U
	25-Apr-08	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.08	U	NS		0.08	U
	29-May-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	0.08	U	NS	
	27-Jun-08	0.12	U	NS		NS		NS		0.08	U	NS		NS		NS		NS		0.08	U	0.08	U
	31-Jul-08	NS		0.08	U	NS		NS		NS		NS		NS		NS		0.08	U	NS		0.08	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.08	U	0.079	U	NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
trans-1,3-Dichloropropene	15-Mar-07	410	U	390	U	390	U	390	U	380	U	160	U	60	U	170	U	NS		NS		NS	
	22-Mar-07	56.7	U	56.7	U	56.7	U	56.7	U	56.7	U	56.7	U	56.7	U	22.7	U	NS		NS		NS	
	26-Apr-07	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	22.7	U	NS		NS		NS	
	21-May-07	41.3	U	22.7	U	22.7	U	39.9	U	22.7	U	22.7	U	2.27	U	22.7	U	NS		NS		NS	
	29-Jun-07	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.91	U	0.45	U	0.45	U	NS		NS		NS	
	30-Jul-07	0.45	U	NS		NS		0.91	U	NS		0.45	U	2.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.91	U	NS		2.27	U	NS		NS		NS		0.91	U	0.09	U	NS	
	20-Sep-07	NS		2.27	U	NS		NS		NS		NS		NS		2.27	U	NS		0.09	U	0.09	U
	9-Oct-07	2.27	U	NS		NS		NS		0.45	U	NS		NS		NS		0.09	U	NS		0.09	
	7-Nov-07	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U	NS	
	6-Dec-07	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U
	8-Jan-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS		0.09	U
	8-Feb-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U
	25-Apr-08	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U	NS		0.09	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09		0.09	U	0.09	U	NS	
	27-Jun-08	0.14	U	NS		NS		NS		0.09	U	NS		NS		NS		NS		0.09	U	0.09	U
	31-Jul-08	NS		0.09	U	NS		NS		NS		NS		NS		NS		0.09	U	NS		0.09	U
	28-Aug-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.09	U	0.091	U	NS	
Trichloroethene*	15-Mar-07	480	U	460	U	460	U	470	U	460	U	180	U	71	U	200	U	NS		NS		NS	
	22-Mar-07	67.1	U	67.1	U	67.1	U	67.1	U	67.1	U	67.1	U	67.1	U	26.8	U	NS		NS		NS	
	26-Apr-07	26.8	U	26.8	U	26.8	U	26.8	U	26.8	U	26.8	U	26.8	U	26.8	U	NS		NS		NS	
	21-May-07	48.9	U	26.8	U	26.8	U	47.2	U	26.8	U	26.8	U	2.68	U	26.8	U	NS		NS		NS	
	29-Jun-07	0.54	U	0.54	U	0.54	U	22		100		1.1	U	0.62		0.54	U	NS		NS		NS	
	30-Jul-07	0.54	U	NS		NS		22		NS		0.54	U	2.7	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.07	U	NS		2.68	U	NS		NS		NS		1.07	U	8.14		NS	
	20-Sep-07	NS		2.68	U	NS		NS		NS		NS		NS		2.68	U	NS		31.9		4.27	
	9-Oct-07	2.68	U	NS		NS		NS		68.5		NS		NS		NS		1.13		NS		0.82	
	7-Nov-07	NS		0.12		NS		NS		NS		0.11		NS		NS		0.22		34.7		NS	
	6-Dec-07	NS		NS		0.17		NS		NS		NS		0.13		NS		NS		8.2		29.2	
	8-Jan-08	NS		NS		NS		45.2		NS		NS		NS		0.66		0.29		NS		7.39	
	8-Feb-08	0.12		NS		NS		NS		0.11	U	NS		NS		NS		0.20		19.6		NS	
	27-Mar-08	NS		0.11	U	NS		NS		NS		0.15		NS		NS		NS		13.4		5.34	
	25-Apr-08	NS		NS		0.20		NS		NS		NS		1.35		NS		0.67		NS		3.39	
	29-May-08	NS		NS		NS		26.5		NS		NS		NS		0.15		0.37		13.6		NS	
	27-Jun-08	0.41		NS		NS		NS		258		NS		NS		NS		NS		13.6		6.56	
	31-Jul-08	NS		1.24		NS		NS		NS		NS		NS		NS		0.13		NS		3.26	
	28-Aug-08	NS		NS		0.558		NS		NS		NS		3.56		NS		0.43		18.4		NS	
Trichlorofluoromethane	15-Mar-07	510	U	480	U	480	U	490	U	480	U	190	U	74	U	210	U	NS		NS		NS	
	22-Mar-07	70.2	U	70.2	U	70.2	U	70.2	U	70.2	U	70.2	U	70.2	U	28.1	U	NS		NS		NS	
	26-Apr-07	28.1	U	28.1	U	28.1	U	28.1	U	28.1	U	28.1	U	28.1	U	28.1	U	NS		NS		NS	
	21-May-07	51.1	U	28.1	U	28.1	U	49.4	U	28.1	U	28.1	U	2.81	U	28.1	U	NS		NS		NS	
	29-Jun-07	1.3		1.5		1.2		52		33		1.4		3.8		1.3		NS		NS		NS	
	30-Jul-07	1.7		NS		NS		52		NS		1.7		3.8		NS		NS		NS		NS	
	22-Aug-07	NS		NS		2.81	U	NS		7.02	U	NS		NS		NS		2.81	U	11.2		NS	
	20-Sep-07	NS		7.02	U	NS		NS		NS		NS		NS		7.02	U	NS		42.4		16.5	
	9-Oct-07	7.02	U	NS		NS		NS		46.4		NS		NS		NS		1.46		NS		3.83	
	7-Nov-07	NS		2.03		NS		NS		NS		1.53		NS		NS		1.59		40.9		NS	
	6-Dec-07	NS		NS		2.10		NS		NS		NS		1.37		NS		NS		14.1		24.1	
	8-Jan-08	NS		NS		NS		28.5		NS		NS		NS		1.79		1.76		NS		18.9	
	8-Feb-08	1.22		NS		NS		NS		1.22		NS		NS		NS		1.06		15.9		NS	
	27-Mar-08	NS		1.27		NS		NS		NS		1.18		NS		NS		NS		12		9.02	
	25-Apr-08	NS		NS		1.18		NS		NS		NS		5.2		NS		1.66		NS		3.83	
	29-May-08	NS		NS		NS		33.5		NS		NS		NS		0.98		1.05		10.6		NS	
	27-Jun-08	1.29		NS		NS		NS		75.2		NS		NS		NS		NS		8.9		8.89	
	31-Jul-08	NS		1.01		NS		NS		NS		NS		NS		NS		0.96		NS		5.10	
	28-Aug-08	NS		NS		2.53		NS		NS		NS		18		NS		1.79		15.6		NS	
Vinyl chloride*	15-Mar-07	230	U	220	U	220	U	220	U	220	U	88	U	34	U	96	U	NS		NS		NS	
	22-Mar-07	31.9	U	31.9	U	31.9	U	31.9	U	31.9	U	31.9	U	31.9	U	12.8	U	NS		NS		NS	
	26-Apr-07	12.8	U	12.8	U	12.8	U	12.8	U	12.8	U	12.8	U	12.8	U	12.8	U	NS		NS		NS	
	21-May-07	23.2	U	12.8	U	12.8	U	22.5	U	12.8	U	12.8	U	1.28	U	12.8	U	NS		NS		NS	
	29-Jun-07	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.51	U	0.26	U	0.26	U	NS		NS		NS	
	30-Jul-07	0.26	U	NS		NS		0.51	U	NS		0.26	U	1.3	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.51	U	NS		1.28	U	NS		NS		NS		0.51	U	0.05	U	NS	
	20-Sep-07	NS		1.28	U	NS		NS		NS		NS		NS		1.28	U	NS		0.05	U	0.05	U
	9-Oct-07	1.28	U	NS		NS		NS		0.26	U	NS		NS		NS		0.05	U	NS		0.05	U
	7-Nov-07	NS		0.05	U	NS		NS		NS		0.05	U	NS		NS		0.05	U	0.05	U	NS	
	6-Dec-07	NS		NS		0.05	U	NS		NS		NS		0.05	U	NS		NS		0.05	U	0.05	U
	8-Jan-08	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	NS		0.05	U
	8-Feb-08	0.05	U	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	NS	
	27-Mar-08	NS		0.05	U	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U
	25-Apr-08	NS		NS		0.05	U	NS		NS		NS		0.75		NS		0.05	U	NS		0.05	U
	29-May-08	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	0.05	U	NS	
	27-Jun-08	0.08	U	NS		NS		NS		0.05	U	NS		NS		NS		NS		0.05	U	0.05	U
	31-Jul-08	NS		0.05	U	NS		NS		NS		NS		NS		NS		0.05	U	NS		0.05	U
	28-Aug-08	NS		NS		0.051	U	NS		NS		NS		0.051	U	NS		0.05	U	0.051	U	NS	
Acrylonitrile	15-Mar-07	4900	U	4700	U	4700	U	4700	U	4600	U	1900	U	720	U	2000	U	NS		NS		NS	
	22-Mar-07	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	10.8	U	NS		NS		NS	
	26-Apr-07	10.8	U	10.8	U	10.8	U	10.8	U	10.8	U	10.8	U	10.8	U	10.8	U	NS		NS		NS	
	21-May-07	19.7	U	10.8	U	10.8	U	19.1	U	10.8	U	10.8	U	1.08	U	10.8	U	NS		NS		NS	
	29-Jun-07	5.4	U	5.4	U	5.4	U	5.4	U	5.4	U	11	U	5.4	U	5.4	U	NS		NS		NS	
	30-Jul-07	5.4	U	NS		NS		11	U	NS		5.4	U	27	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		10.8	U	NS		27.1	U	NS		NS		NS		10.8	U	1.08	U	NS	
	20-Sep-07	NS		27.1	U	NS		NS		NS		NS		NS		27.1	U	NS		1.08	U	1.08	U
	9-Oct-07	27.1	U	NS		NS		NS		5.42	U	NS		NS		NS		1.08	U	NS		1.08	U
	7-Nov-07	NS		1.08	U	NS		NS		NS		1.08	U	NS		NS		1.08	U	1.08	U	NS	
	6-Dec-07	NS		NS		1.08	U	NS		NS		NS		1.08	U	NS		NS		1.08	U	1.08	U
	8-Jan-08	NS		NS		NS		1.08	U	NS		NS		NS		1.08	U	NS		NS		1.08	U
	8-Feb-08	1.08	U	NS		NS		NS		1.08	U	NS		NS		NS		1.08	U	1.08	U	NS	
	27-Mar-08	NS		1.08	U	NS		NS		NS		NS		NS		NS		NS		1.08	U	1.08	U
	25-Apr-08	NS		NS		1.08	U	NS		NS		NS		1.08	U	NS		1.08	U	NS		1.08	U
	29-May-08	NS		NS		NS		1.08	U	NS		NS		NS		1.08	U	1.08	U	NS		NS	
	27-Jun-08	1.69	U	NS		NS		NS		1.08	U	NS		NS		NS		NS		1.08	U	1.08	U
	31-Jul-08	NS		1.08	U	NS		NS		NS		NS		NS		NS		1.08	U	NS		1.08	U
	28-Aug-08	NS		NS		1.08	U	NS		NS		NS		1.08	U	NS		1.08	U	1.08	U	NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	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	
	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	
	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	
	21-May-07	49.9	U	27.4	U	27.4	U	48.3	U	27.4	U	27.4	U	2.74	U	27.4	U	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	
	30-Jul-07	14	U	NS		NS		27	U	NS		14	U	69	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		27.4	U	NS		68.6	U	NS		NS		NS		27.4	U	2.74	U	NS	
	20-Sep-07	NS		68.6	U	NS		NS		NS		NS		NS		68.6	U	NS		2.74	U	2.74	U
	9-Oct-07	68.6	U	NS		NS		NS		13.7	U	NS		NS		NS		2.74	U	NS		2.74	U
	7-Nov-07	NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		2.74	U	2.74	U	NS	
	6-Dec-07	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		2.74	U	2.74	U
	8-Jan-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS		2.74	U
	8-Feb-08	2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS	
	27-Mar-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		NS		2.74	U	2.74	U
	25-Apr-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	NS		2.74	U
	29-May-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	NS	
	27-Jun-08	4.27	U	NS		NS		NS		2.74	U	NS		NS		NS		NS		2.74	U	2.74	U
	31-Jul-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		2.74	U	NS		2.74	U
	28-Aug-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	2.74	U	NS	
sec-Butylbenzene	15-Mar-07	11000	U	11000	U	11000	U	11000	U	10000	U	4200	U	1600	U	4600	U	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	
	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	
	21-May-07	49.9	U	27.4	U	27.4	U	48.3	U	27.4	U	27.4	U	2.74	U	27.4	U	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	
	30-Jul-07	12	U	NS		NS		25	U	NS		12	U	61	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		27.4	U	NS		68.6	U	NS		NS		NS		27.4	U	2.74	U	NS	
	20-Sep-07	NS		68.6	U	NS		NS		NS		NS		NS		68.6	U	NS		2.74	U	2.74	U
	9-Oct-07	68.6	U	NS		NS		NS		13.7	U	NS		NS		NS		2.74	U	NS		2.74	U
	7-Nov-07	NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		2.74	U	2.74	U	NS	
	6-Dec-07	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		2.74	U	2.74	U
	8-Jan-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS		2.74	U
	8-Feb-08	2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS	
	27-Mar-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		NS		2.74	U	2.74	U
	25-Apr-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	NS		2.74	U
	29-May-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	NS	
	27-Jun-08	4.27	U	NS		NS		NS		2.74	U	NS		NS		NS		NS		2.74	U	2.74	U
	31-Jul-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		2.74	U	NS		2.74	U
	28-Aug-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	2.74	U	NS	
Isopropylbenzene	15-Mar-07	11000	U	11000	U	11000	U	11000	U	10000	U	4200	U	1600	U	4600	U	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	
	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	2.46	U	24.6	U	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	
	30-Jul-07	12	U	NS		NS		25	U	NS		12	U	61	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		24.6	U	NS		61.4	U	NS		NS		NS		24.6	U	2.46	U	NS	
	20-Sep-07	NS		61.4	U	NS		NS		NS		NS		NS		61.4	U	NS		2.46	U	2.46	U
	9-Oct-07	61.4	U	NS		NS		NS		12.3	U	NS		NS		NS		2.46	U	NS		2.46	U
	7-Nov-07	NS		2.46	U	NS		NS		NS		2.46	U	NS		NS		2.46	U	2.46	U	NS	
	6-Dec-07	NS		NS		2.46	U	NS		NS		NS		2.46	U	NS		NS		2.46	U	2.46	U
	8-Jan-08	NS		NS		NS		2.46	U	NS		NS		NS		2.46	U	2.46	U	NS		2.46	U
	8-Feb-08	2.46	U	NS		NS		NS		2.46	U	NS		NS		NS		2.46	U	2.46	U	NS	
	27-Mar-08	NS		2.46	U	NS		NS		NS		NS		NS		NS		NS		2.46	U	2.46	U
	25-Apr-08	NS		NS		2.46	U	NS		NS		NS		2.46	U	NS		2.46	U	NS		2.46	U
	29-May-08	NS		NS		NS		2.46	U	NS		NS		NS		2.46	U	2.46	U	2.46	U	NS	
	27-Jun-08	3.83	U	NS		NS		NS		2.46	U	NS		NS		NS		NS		2.46	U	2.46	U
	31-Jul-08	NS		2.46	U	NS		NS		NS		NS		NS		NS		2.46	U	NS		2.46	U
	28-Aug-08	NS		NS		2.46	U	NS		NS		NS		2.46	U	NS		2.46	U	2.46	U	NS	
p-Isopropyltoluene	15-Mar-07	12000	U	12000	U	12000	U	12000	U	12000	U	4700	U	1800	U	5100	U	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	
	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	
	21-May-07	49.9	U	27.4	U	27.4	U	48.3	U	27.4	U	27.4	U	2.74	U	27.4	U	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	
	30-Jul-07	14	U	NS		NS		27	U	NS		14	U	69	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		27.4	U	NS		68.6	U	NS		NS		NS		27.4	U	2.74	U	NS	
	20-Sep-07	NS		68.6	U	NS		NS		NS		NS		NS		68.6	U	NS		2.74	U	2.74	U
	9-Oct-07	68.6	U	NS		NS		NS		13.7	U	NS		NS		NS		2.74	U	NS		2.74	U
	7-Nov-07	NS		2.74	U	NS		NS		NS		2,74	U	NS		NS		2.74	U	2.74	U	NS	
	6-Dec-07	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		2.74	U	2.74	U
	8-Jan-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS		2.74	U
	8-Feb-08	2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS	
	27-Mar-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		NS		2.74	U	2.74	U
	25-Apr-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	NS		2.74	U
	29-May-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	NS	
	27-Jun-08	4.27	U	NS		NS		NS		2.74	U	NS		NS		NS		NS		2.74	U	2.74	U
	31-Jul-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		2.74	U	NS		2.74	U
	28-Aug-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	2.74	U	NS	
Acetone	15-Mar-07	2000000		2400000		1300000		1900000		250000		2300000		91000		1200000		NS		NS		NS	
	22-Mar-07	44100		93600		583000		55500		54700		1320000		2390		50100		NS		NS		NS	
	26-Apr-07	1650		1300		14100		1390		2160		30000		188		11000		NS		NS		NS	
	21-May-07	824		1210		5100		761		2390		2740		13.7		2750		NS		NS		NS	
	29-Jun-07	490		410		1100		770		1000		4700		170		1600		NS		NS		NS	
	30-Jul-07	390		NS		NS		14000		NS		3100		190		NS		NS		NS		NS	
	22-Aug-07	NS		NS		448		NS		386		NS		NS		NS		47.5	U	32.7		NS	
	20-Sep-07	NS		1100		NS		NS		NS		NS		NS		483		NS		19.3		22.5	
	9-Oct-07	119		NS		NS		NS		66.4		NS		NS		NS		12.6		NS		16.5	
	7-Nov-07	NS		43.7		NS		NS		NS		255		NS		NS		5.21		8.10		NS	
	6-Dec-07	NS		NS		25.2		NS		NS		NS		14.0		NS		NS		11.3		10.1	
	8-Jan-08	NS		NS		NS		40.7		NS		NS		NS		66.5		10.7		NS		5.65	
	8-Feb-08	17.2		NS		NS		NS		4.75	U	NS		NS		NS		5.62		11.4		NS	
	27-Mar-08	NS		28.7		NS		NS		NS		NS		NS		NS		NS		217		12.4	
	25-Apr-08	NS		NS		188		NS		NS		NS		513		NS		34		NS		33.9	
	29-May-08	NS		NS		NS		40.9		NS		NS		NS		92		9.82		16.4		NS	
	27-Jun-08	107		NS		NS		NS		145		NS		NS		NS		NS		20.4		9.7	
	31-Jul-08	NS		101		NS		NS		NS		NS		NS		NS		14.4		NS		18.1	
	28-Aug-08	NS		NS		1130		NS		NS		NS		30.9		NS		46		47.8		NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	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		2600		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		NS		677		NS		NS		2.74		2.46		NS	
	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		NS		1680		NS		2.24		1.47	U
	29-May-08	NS		NS		NS		527		NS		NS		NS		591		2.27		3.04		NS	
	27-Jun-08	1080		NS		NS		NS		596		NS		NS		NS		NS		6.92		3.64	
	31-Jul-08	NS		1350		NS		NS		NS				NS		NS		12.0		NS		2.56	
	28-Aug-08	NS		NS		8380		NS		NS		NS		102		NS		5.3		9.18		NS	
4-Methyl-2-pentanone	15-Mar-07	9200	U	8800	U	8800	U	8900	U	8700	U	3500	U	1400	U	3800	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	U	NS		NS		NS		10.2	U	NS		NS		NS		2.05	U	NS		2.05	U
	7-Nov-07	NS		2.05	U	NS		NS		NS		2.05	U	NS		NS		2.05	U	2.09		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	2.05	U	NS		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
	29-May-08	NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	2.05	U	2.05	U	NS	
	27-Jun-08	3.19	U	NS		NS		NS		2.05	U	NS		NS		NS		NS		2.05	U	2.05	U
	31-Jul-08	NS		2.05	U	NS		NS		NS		NS		NS		NS		2.05	U	NS		2.05	U
	28-Aug-08	NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05	U	2.05	U	NS	

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.

ANALYTICAL REPORT

Lab Number:	L0812957
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	09/11/08

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.

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

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812957
Report Date: 09/11/08

Alpha Sample ID	Client ID	Sample Location
L0812957-01	MP-3	PROVIDENCE, RI
L0812957-02	MP-7	PROVIDENCE, RI
L0812957-03	IMP-1	PROVIDENCE, RI
L0812957-04	IMP-2	PROVIDENCE, RI

Project Name:	GORHAM / ADELAIDE HS	**Lab Number:**	L0812957
Project Number:	6196501	**Report Date:**	09/11/08

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.

TO15-SIM

L0812957-01 required re-analysis on multiple dilutions 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.

The WG335786-6 LCS recovery for Trans-1,3-Dichloropropene 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: Kathleen M. O'Brien

Title: Technical Director/Representative Date: 09/11/08

AIR

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-01
Client ID: MP-3
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 02:03
Analyst: AR

Date Collected: 08/28/08 09:18
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.838	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	0.042	0.020	0.171	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.101	0.020	0.497	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	39.0	0.020	234	0.120		1
Benzene	0.321	0.070	1.02	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.082	0.020	0.515	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.020	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-01
Client ID: MP-3
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 09:18
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.634	0.050	3.13	0.247		1
Ethylbenzene	0.191	0.020	0.830	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.029	0.020	0.106	0.072		1
p/m-Xylene	0.538	0.040	2.33	0.174		1
o-Xylene	0.185	0.020	0.804	0.087		1
Styrene	0.286	0.020	1.22	0.085		1
Tetrachloroethene	0.229	0.020	1.55	0.136		1
Toluene	1.72	0.020	6.48	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	0.104	0.020	0.558	0.107		1
Trichlorofluoromethane	0.451	0.050	2.53	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-01 R
Client ID: MP-3
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 06:20
Analyst: AR

Date Collected: 08/28/08 09:18
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Acetone	475	50.0	1130	119		25

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-01 R2
Client ID: MP-3
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 23:07
Analyst: AR

Date Collected: 08/28/08 09:18
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
2-Butanone	2840	70.3	8380	207		140.6

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-02
Client ID: MP-7
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 02:41
Analyst: AR

Date Collected: 08/28/08 09:30
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.028	0.020	0.153	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	0.128	0.020	0.629	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	0.020	0.020	0.082	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.044	0.020	0.215	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	35.7	0.020	214	0.120		1
Benzene	0.168	0.070	0.537	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.087	0.020	0.549	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.058	0.020	0.153	0.053		1
Chloroform	0.246	0.020	1.20	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-02
Client ID: MP-7
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 09:30
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.566	0.050	2.80	0.247		1
Ethylbenzene	0.111	0.020	0.482	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	0.333	0.040	1.44	0.174		1
o-Xylene	0.118	0.020	0.511	0.087		1
Styrene	0.177	0.020	0.754	0.085		1
Tetrachloroethene	0.224	0.020	1.52	0.136		1
Toluene	0.913	0.020	3.44	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	0.662	0.020	3.56	0.107		1
Trichlorofluoromethane	3.21	0.050	18.0	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	13.0	2.00	30.9	4.75		1
2-Butanone	34.6	0.500	102	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-03
Client ID: IMP-1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 21:54
Analyst: AR

Date Collected: 08/28/08 10:14
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.136	0.020	0.669	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	0.051	0.020	0.248	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	38.1	0.020	229	0.120		1
Benzene	0.255	0.070	0.815	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.567	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.068	0.020	0.331	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-03
Client ID: IMP-1
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 10:14
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.557	0.050	2.75	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	0.048	0.020	0.172	0.072		1
p/m-Xylene	0.492	0.040	2.13	0.174		1
o-Xylene	0.184	0.020	0.797	0.087		1
Styrene	0.240	0.020	1.02	0.085		1
Tetrachloroethene	0.202	0.020	1.37	0.136		1
Toluene	2.66	0.020	10.0	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	0.080	0.020	0.432	0.107		1
Trichlorofluoromethane	0.320	0.050	1.79	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	19.4	2.00	46.0	4.75		1
2-Butanone	1.79	0.500	5.29	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-04
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 22:31
Analyst: AR

Date Collected: 08/28/08 10:16
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.090	0.020	0.492	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	0.133	0.020	0.653	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	0.048	0.020	0.233	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	34.6	0.020	208	0.120		1
Benzene	0.217	0.070	0.692	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.563	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.029	0.020	0.075	0.053		1
Chloroform	0.079	0.020	0.386	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

SAMPLE RESULTS

Lab ID: L0812957-04
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Date Collected: 08/28/08 10:16
Date Received: 08/29/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.582	0.050	2.88	0.247		1
Ethylbenzene	0.154	0.020	0.666	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.039	0.020	0.140	0.072		1
p/m-Xylene	0.447	0.040	1.94	0.174		1
o-Xylene	0.167	0.020	0.725	0.087		1
Styrene	0.238	0.020	1.01	0.085		1
Tetrachloroethene	0.924	0.020	6.26	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	3.42	0.020	18.4	0.107		1
Trichlorofluoromethane	2.77	0.050	15.6	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	20.1	2.00	47.8	4.75		1
2-Butanone	3.10	0.500	9.15	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/08/08 17:16

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01-02 Batch: WG335786-3						
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-Trimethybenzene	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/08/08 17:16

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01-02 Batch: WG335786-3						
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

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 14:36

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01,03-04 Batch: WG335786-7						
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-Trimethybenzene	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
Project Number: 6196501
Lab Number: L0812957
Report Date: 09/11/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/09/08 14:36

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01,03-04 Batch: WG335786-7						
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: L0812957

Report Date: 09/11/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 Batch: WG335786-2					
1,1,1-Trichloroethane	91	-	70-130	-	
1,1,1,2-Tetrachloroethane	115	-	70-130	-	
1,1,2,2-Tetrachloroethane	107	-	70-130	-	
1,1,2-Trichloroethane	94	-	70-130	-	
1,1-Dichloroethane	115	-	70-130	-	
1,1-Dichloroethene	107	-	70-130	-	
1,2,4-Trimethylbenzene	103	-	70-130	-	
1,2-Dibromoethane	92	-	70-130	-	
1,2-Dichlorobenzene	112	-	70-130	-	
1,2-Dichloroethane	103	-	70-130	-	
1,2-Dichloropropane	89	-	70-130	-	
1,3,5-Trimethylbenzene	101	-	70-130	-	
1,3-Dichlorobenzene	106	-	70-130	-	
1,4-Dichlorobenzene	106	-	70-130	-	
Benzene	83	-	70-130	-	
Bromodichloromethane	103	-	70-130	-	
Bromoform	105	-	70-130	-	
Carbon tetrachloride	100	-	70-130	-	
Chlorobenzene	101	-	70-130	-	
Chloroethane	111	-	70-130	-	
Chloroform	122	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0812957

Report Date: 09/11/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 Batch: WG335786-2					
Chloromethane	100	-	70-130	-	
cis-1,2-Dichloroethene	111	-	70-130	-	
cis-1,3-Dichloropropene	80	-	70-130	-	
Dibromochloromethane	110	-	70-130	-	
Dichlorodifluoromethane	116	-	70-130	-	
Ethylbenzene	102	-	70-130	-	
Methylene chloride	95	-	70-130	-	
Methyl tert butyl ether	120	-	70-130	-	
p/m-Xylene	103	-	70-130	-	
o-Xylene	106	-	70-130	-	
Styrene	90	-	70-130	-	
Tetrachloroethene	123	-	70-130	-	
Toluene	95	-	70-130	-	
trans-1,2-Dichloroethene	109	-	70-130	-	
trans-1,3-Dichloropropene	70	-	70-130	-	
Trichloroethene	103	-	70-130	-	
Trichlorofluoromethane	120	-	70-130	-	
Vinyl chloride	109	-	70-130	-	
Acrylonitrile	112	-	70-130	-	
n-Butylbenzene	127	-	70-130	-	
sec-Butylbenzene	113	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0812957

Report Date: 09/11/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-02 Batch: WG335786-2					
Isopropylbenzene	106	-	70-130	-	
p-Isopropyltoluene	112	-	70-130	-	
Acetone	113	-	70-130	-	
2-Butanone	109	-	70-130	-	
4-Methyl-2-pentanone	93	-	70-130	-	
Volatile Organic Compounds in Air by SIM Associated sample(s): 01,03-04 Batch: WG335786-6					
1,1,1-Trichloroethane	103	-	70-130	-	
1,1,1,2-Tetrachloroethane	107	-	70-130	-	
1,1,2,2-Tetrachloroethane	95	-	70-130	-	
1,1,2-Trichloroethane	91	-	70-130	-	
1,1-Dichloroethane	113	-	70-130	-	
1,1-Dichloroethene	107	-	70-130	-	
1,2,4-Trimethylbenzene	90	-	70-130	-	
1,2-Dibromoethane	87	-	70-130	-	
1,2-Dichlorobenzene	98	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0812957

Report Date: 09/11/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01,03-04 Batch: WG335786-6					
1,2-Dichloroethane	106	-	70-130	-	
1,2-Dichloropropane	89	-	70-130	-	
1,3,5-Trimethylbenzene	90	-	70-130	-	
1,3-Dichlorobenzene	93	-	70-130	-	
1,4-Dichlorobenzene	94	-	70-130	-	
Benzene	87	-	70-130	-	
Bromodichloromethane	98	-	70-130	-	
Bromoform	93	-	70-130	-	
Carbon tetrachloride	96	-	70-130	-	
Chlorobenzene	95	-	70-130	-	
Chloroethane	110	-	70-130	-	
Chloroform	117	-	70-130	-	
Chloromethane	99	-	70-130	-	
cis-1,2-Dichloroethene	111	-	70-130	-	
cis-1,3-Dichloropropene	79	-	70-130	-	
Dibromochloromethane	103	-	70-130	-	
Dichlorodifluoromethane	114	-	70-130	-	
Ethylbenzene	89	-	70-130	-	
Methylene chloride	104	-	70-130	-	
Methyl tert butyl ether	105	-	70-130	-	
p/m-Xylene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0812957

Report Date: 09/11/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01,03-04 Batch: WG335786-6					
o-Xylene	93	-	70-130	-	
Styrene	80	-	70-130	-	
Tetrachloroethene	112	-	70-130	-	
Toluene	89	-	70-130	-	
trans-1,2-Dichloroethene	108	-	70-130	-	
trans-1,3-Dichloropropene	**67**	-	70-130	-	
Trichloroethene	96	-	70-130	-	
Trichlorofluoromethane	119	-	70-130	-	
Vinyl chloride	108	-	70-130	-	
Acrylonitrile	104	-	70-130	-	
n-Butylbenzene	111	-	70-130	-	
sec-Butylbenzene	100	-	70-130	-	
Isopropylbenzene	94	-	70-130	-	
p-Isopropyltoluene	98	-	70-130	-	
Acetone	100	-	70-130	-	
2-Butanone	98	-	70-130	-	
4-Methyl-2-pentanone	83	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812957
Report Date: 09/11/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG335786-4 QC Sample: L0812957-02 Client ID: MP-7					
1,1,1-Trichloroethane	0.028	0.023	ppbV	18	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	0.128	0.115	ppbV	11	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	0.020	0.020	ppbV	0	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	0.044	0.040	ppbV	10	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	35.7	33.0	ppbV	8	25
Benzene	0.168	0.165	ppbV	2	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.087	0.086	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812957
Report Date: 09/11/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG335786-4 QC Sample: L0812957-02 Client ID: MP-7					
Chloroethane	0.058	0.060	ppbV	3	25
Chloroform	0.246	0.243	ppbV	1	25
Chloromethane	ND	5.31	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	0.566	0.558	ppbV	1	25
Ethylbenzene	0.111	0.111	ppbV	0	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.333	0.332	ppbV	0	25
o-Xylene	0.118	0.116	ppbV	2	25
Styrene	0.177	0.170	ppbV	4	25
Tetrachloroethene	0.224	0.225	ppbV	0	25
Toluene	0.913	0.922	ppbV	1	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.662	0.656	ppbV	1	25
Trichlorofluoromethane	3.21	3.20	ppbV	0	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812957
Report Date: 09/11/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG335786-4 QC Sample: L0812957-02 Client ID: MP-7					
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	13.0	13.1	ppbV	1	25
2-Butanone	34.6	34.0	ppbV	2	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: GORHAM / ADELAIDE HS **Lab Number:** L0812957

Project Number: 6196501 **Report Date:** 09/11/08

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
L0812957-01	MP-3	0267	#90 SV		-	-	80	80	0
L0812957-01	MP-3	471	2.7L Can	I0812453	-29.7	-3.5	-	-	-
L0812957-02	MP-7	0331	#90 SV		-	-	80	91	13
L0812957-02	MP-7	464	2.7L Can	I0812453	-29.7	0.4	-	-	-
L0812957-03	IMP-1	0174	#90 SV		-	-	76	76	0
L0812957-03	IMP-1	535	2.7L Can	I0812453	-29.7	-4.3	-	-	-
L0812957-04	IMP-2	0217	#90 AMB		-	-	79	87	10
L0812957-04	IMP-2	113	2.7L Can	I0812453	-29.7	-2.2	-	-	-

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0812957
Report Date: 09/11/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0812957-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812957-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812957-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)
L0812957-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM(30)

*Hold days indicated by values in parentheses

Project Name:	GORHAM / ADELAIDE HS	**Lab Number:**	L0812957
Project Number:	6196501	**Report Date:**	09/11/08

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: Data Usability Report

Project Name:	GORHAM / ADELAIDE HS	**Lab Number:**	L0812957
Project Number:	6196501	**Report Date:**	09/11/08

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 Analytical 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 Analytical 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.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

09110817:36

Date Rec'd in Lab:

ALPHA Job #: L0812957

Client Information

Client: EA Engineering
Address: 2350 Post Road
Warwick, RI 02886
Phone: 401-736-3440
Fax: 401-736-3423
Email: mspeer@eaest.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Gorham/Adelaide HS
Project Location: Providence, RI
Project #: 6190501
Project Manager: Mark Speer
ALPHA Quote #:

Turn-Around Time

☒ Standard 10 DAYS ☐ RUSH *(only confirmed if pre-approved!)*

Date Due: Time:

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	Draft Proposed Resid. Target Air Compounds	

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
12957-01	MP-3	8/28/08	0848	0918	-30	-3	SV	PT/DA	2.7	471	0267			X					PID 9.74 ppm
-02	MP-7		0902	0930	-30	-1				464	0331								2.94 ppm
-03	IMP-1		0943	1014	-25	-4				535	0174								1.09 ppm
-04	IMP-2		0949	1016	-29	-1				113	0217								1.80 ppm

*SAMPLE MATRIX CODES

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

Container Type: CS

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.

Relinquished By:	Date/Time	Received By:	Date/Time:
	8/29/08 11:00	K Bates	8/29/08 1:00

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

Appendix D

Correspondence Regarding Laboratory Reporting Limits

September 22, 2008

To: Ronald Mack
EA Engineering, Science, & Technology
2350 Post Road
Warwick, RI 02886

From: Kristin Fleming
Alpha Analytical
8 Walkup Drive
Westborough, MA 01581

Re: TO15 SIM Reporting Limits

Dear Peter,

As we communicated prior to the TO-15 SIM analyses completed for the Adelaide High School air samples collected on 6/27/08, 7/31/08, and 8/28/08; the SIM Reporting Limits achieved for the following compounds are the lowest that we can currently achieve at Alpha. Please note that these reporting limits are above the Draft Proposed CT RSR (Residential) Criteria for these compounds:

1,2-Dichloroethane SIM RL = 0.08 ug/m3
Ethylene Dibromide (a.k.a. 1,2-Dibromoethane) SIM RL = 0.15 ug/m3
1,1,1,2- Tetrachloroethane SIM RL = 0.14 ug/m3
1,1,2,2-Tetrachloroethane SIM RL = 0.14 ug/m3
Bromodichloromethane SIM RL = 0.13 ug/m3

Please don't hesitate to contact me at 508-439-5118 if you have any questions.

Best Regards,

Kristin Fleming

Appendix E

June Air Sampling Summary Letter

EA Engineering, Science, and Technology, Inc.

Airport Professional Park
2350 Post Road
Warwick, Rhode Island 02886
Telephone: 401-736-3440
Fax: 401-736-3423
www.eaest.com

20 August 2008

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

RE: June 2008 Air Sampling Event Comment 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 summary of the data collected at the referenced Adelaide Avenue School site (the Site) on 27 June 2008.

On 18 July 2008 and in accordance with the Order of Approval and amendments (Amended OA) for this Site, your Office was notified via telephone that two compounds, bromodichloromethane and methylene chloride, were detected within one and two samples, respectively. Bromodichloromethane was detected at a concentration of 0.23 $\mu g/m^3$ within Room 145, the Media Center, and methylene chloride was detected within Room 110 and in the ambient air at concentrations of 6.94 and 19 $\mu g/m^3$, respectively.

Upon receipt of these detections, EA contacted Alpha Analytical Laboratory to ask them to investigate these detections. Due to vacations and a high volume of samples, Alpha could not respond in a timely manner with a written letter confirming their verbal comments made 18 July 2008; and only recently provided us with a letter detailing the issue. The letter (Attachment A) details standard operating procedures for air analysis, and describes how the sample collected within Room 145, the Media Center, was cross contaminated and therefore should not be included in the ongoing data tabulation.

Regarding the detection of methylene chloride, the laboratory did not have evidence concluding cross contamination caused the detection. However, methylene chloride was also detected in the ambient sample, collected outside of the school, at a much higher concentration. Therefore, since the school ventilation system is taking in "fresh" outside air, it is reasonable for methylene chloride to also have been detected in the sample taken within the school.

Based on the factors detailed above, it has become clear that these detections are due to cross contamination and/or are anomalous, and not due to soil vapor intrusion. Therefore, the SSD System continues to operate effectively in accordance with design, and demonstrates that soil

vapor intrusion is not occurring within the Adelaide Avenue School. Copies of the laboratory analytical reports are provided in Attachment B.

No SSD System modifications or other actions to address current site conditions are warranted or proposed at this time, as per my voicemail on 18 July 2008. The next monthly air sampling event for the school will be conducted in August 2008.

EA would also like to take this opportunity to again respectfully request revisions to the Amended Order of Approval. EA, in a letter dated 4 March 2008 (Attachment C), requested approval for a revision to the sampling schedule at the school, modifying the sampling and monitoring requirements from monthly to quarterly intervals. This would provide economic relief to the City during a time of financial hardships, and would provide more than adequate protection to all building occupants as proven by the prior monthly sampling and analysis conducted since March 2007. At your earliest convenience, please review this letter again and provide us with any questions or comments you may have. We would be very pleased to attend a meeting with you and any other appropriate persons to discuss these issues further, and any other aspects of this project going forward. We appreciate your timely response to these issues.

If you have any questions or require additional information, please contact me at 401-736-3440, Ext. 202.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

Mark K. Speer

Mark K. Speer, P.E.
Senior Engineer

Attachments
Attachment A: Sample Submission Review Alpha Analytical Laboratory
Attachment B: Indoor Air Analytical Report 15 July 2008
Attachment C: Proposed Amendments to the O&M Program, EA, 4 March 2008

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

Attachment A

Sample Submission Review
Alpha Analytical Laboratory

August 7, 2008

Mark Speer
EA Engineering, Science and Technology
2350 Post Road
Warwick, RI 02886

RE: Review Sample Submission L0809683-05 for Cross Contamination of Calibration Standard

Mark;

Alpha Analytical, Inc. has investigated the detection of a significant number of positive detections in sample ROOM 145 (Alpha ID# L0809683-05), which may be due to cross-contamination from the calibration check standard. Based on further evaluation of the laboratory's standard operating procedures (SOP), we suspect that this most likely occurred as the result of insufficient flushing of the autosampler position utilized for the sample analysis. This letter is an explanation of the sequence of events that we suspect caused this event.

Analytical System Background: The analytical system used to analyze canisters for TO-15 target analytes consists of a 16-position autosampler that the sample canisters are attached. This autosampler is connected to a concentrator which withdraws the sample from the canisters through a trap that is cryogenically cooled, essentially freezing out the VOCs of interest and allowing nitrogen and oxygen to be removed. The sample is then transferred to the GC/MS (gas chromatograph/mass spectrometer) for analysis.

SOP Review: Prior to connecting canisters to the autosampler, the autosampler is flushed with nitrogen for a period of 3-6 minutes (depending upon the concentrations of prior analyses) at a flow rate of approximately 2 L/min, resulting in a total of 6-12 L of nitrogen passing through the tubing of each autosampler position. The canisters are then attached to the autosampler, and a leak check is conducted on each sampling position. The leak check is done by drawing a vacuum on the sampling position with the canister valve closed, then the sampling position is isolated and allowed to stand for a period of 30 seconds. To be considered "leak tight", the vacuum should not change by more than 2 psia over the 30 second period. The canisters are then opened and analysis can proceed.

Cross Contamination Issue: Alpha believes that the ROOM 145 sample was connected to an autosampler position that was inadvertently not flushed with nitrogen prior to connecting the canister, and the prior sample analyzed in this position was a calibration standard. If the autosampler position was not flushed prior to analysis of the sample, then the only opportunity for the sample remaining in the autosampler position tubing (i.e. calibration standard) to be removed would be during the leak check procedure. Unfortunately, the leak check procedure does not produce enough flow to sufficiently remove heavier analytes from the tubing. Once the canister is opened, the analytes remaining in the tubing are now in contact with the sample, and the concentration of compounds of the sample support this possibility. Lower molecular weight compounds (i.e. vinyl chloride, 1,1-dichloroethene) were not detected, mid-level molecular weight compounds (i.e. 1,1,2-trichloroethane, bromodichloromethane) were detected at 0.03 – 0.05

ppbV, and higher molecular weight compounds (i.e. dichlorobenzene isomers) were detected at concentrations greater than 0.1 ppbV.

Alpha considers the results of this sample suspect, and recommends that they not be included in any ongoing tabulation of results from the monthly sampling events. We apologize for any confusion this has caused and will explore other means for this not to occur in the future.

Andy Rezendes
Product Line Manager-Air Testing

Attachment B

Indoor Air Analytical Report
15 July 2008

ANALYTICAL REPORT

Lab Number:	L0809683
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	ADELAIDE HIGH SCHOOL
Project Number:	6196501.1009
Report Date:	07/15/08

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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

Alpha Sample ID	Client ID	Sample Location
L0809683-01	GYMNASIUM	PROVIDENCE, RI
L0809683-02	CAFETERIA	PROVIDENCE, RI
L0809683-03	KITCHEN STORAGE RM.	PROVIDENCE, RI
L0809683-04	ELEVATOR HALLWAY	PROVIDENCE, RI
L0809683-05	ROOM 145	PROVIDENCE, RI
L0809683-06	ROOM 152	PROVIDENCE, RI
L0809683-07	ROOM 118	PROVIDENCE, RI
L0809683-08	ROOM 110	PROVIDENCE, RI
L0809683-09	AMBIENT OUTDOOR	PROVIDENCE, RI

Project Name:	ADELAIDE HIGH SCHOOL	**Lab Number:**	L0809683
Project Number:	6196501.1009	**Report Date:**	07/15/08

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.

TO15-SIM

L0809683-04 was re-analyzed due to quality control issues on the original analysis. Re-analysis reported.

L0809683-05 was re-analyzed due to quality control issues on the original analysis. Re-analysis reported. The sample had a significant number of positive detections, which may be due to cross-contamination from the calibration check standard. This most likely occurred as the result of insufficient flushing of the autosampler position utilized for the sample analysis.

WG328391-3 Blank: There is a detectable amount of Methylene Chloride in the Method Blank. Methylene chloride is believed to be isolated to the canister used as the Method Blank.

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: Kathleen M. Illovi

Title: Technical Director/Representative

Date: 07/15/08

AIR

SAMPLE RESULTS

Lab ID: L0809683-01
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 01:21
Analyst: HM

Date Collected: 06/27/08 10:36
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.432	0.020	2.12	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	0.224	0.020	1.10	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.065	0.020	0.391	0.120		1
Benzene	0.208	0.070	0.666	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.084	0.020	0.526	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.042	0.020	0.202	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

SAMPLE RESULTS

Lab ID: L0809683-01
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 10:36
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.480	0.050	2.37	0.247		1
Ethylbenzene	0.249	0.020	1.08	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.757	0.040	3.28	0.174		1
o-Xylene	0.237	0.020	1.03	0.087		1
Styrene	0.026	0.020	0.112	0.085		1
Tetrachloroethene	0.059	0.020	0.397	0.136		1
Toluene	0.851	0.020	3.20	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	0.230	0.050	1.29	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	8.65	2.00	20.5	4.75		1
2-Butanone	1.29	0.500	3.81	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

SAMPLE RESULTS

Lab ID: L0809683-02
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 01:58
Analyst: HM

Date Collected: 06/27/08 10:35
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.090	0.020	0.443	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	0.047	0.020	0.232	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.029	0.020	0.176	0.120		1
Benzene	0.189	0.070	0.603	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.085	0.020	0.535	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.053	0.020	0.257	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

SAMPLE RESULTS

Lab ID: L0809683-02
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 10:35
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.462	0.050	2.28	0.247		1
Ethylbenzene	0.095	0.020	0.412	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.250	0.040	1.08	0.174		1
o-Xylene	0.091	0.020	0.393	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.066	0.020	0.449	0.136		1
Toluene	0.812	0.020	3.06	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	0.218	0.050	1.22	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	8.44	2.00	20.0	4.75		1
2-Butanone	0.857	0.500	2.52	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

SAMPLE RESULTS

Lab ID: L0809683-03
Client ID: KITCHEN STORAGE RM.
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 02:35
Analyst: HM

Date Collected: 06/27/08 12:40
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.317	0.020	1.56	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	0.192	0.020	0.942	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.084	0.020	0.506	0.120		1
Benzene	0.198	0.070	0.631	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.087	0.020	0.544	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.049	0.020	0.238	0.098		1
Chloromethane	0.543	0.500	2.65	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
Project Number: 6196501.1009
Lab Number: L0809683
Report Date: 07/15/08

SAMPLE RESULTS

Lab ID: L0809683-03
Client ID: KITCHEN STORAGE RM.
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 12:40
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.462	0.050	2.28	0.247		1
Ethylbenzene	0.128	0.020	0.555	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.244	0.040	1.06	0.174		1
o-Xylene	0.107	0.020	0.463	0.087		1
Styrene	0.430	0.020	1.83	0.085		1
Tetrachloroethene	0.037	0.020	0.249	0.136		1
Toluene	1.03	0.020	3.87	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	0.222	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	37.0	2.00	87.9	4.75		1
2-Butanone	2.66	0.500	7.85	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

SAMPLE RESULTS

Lab ID: L0809683-04 R
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 16:22
Analyst: HM

Date Collected: 06/27/08 10:37
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.620	0.020	3.04	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	0.021	0.020	0.084	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.322	0.020	1.58	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.053	0.020	0.315	0.120		1
Benzene	0.202	0.070	0.644	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.085	0.020	0.534	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.043	0.020	0.207	0.098		1
Chloromethane	0.580	0.500	2.83	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

SAMPLE RESULTS

Lab ID: L0809683-04 R
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI

Date Collected: 06/27/08 10:37
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.472	0.050	2.33	0.247		1
Ethylbenzene	0.227	0.020	0.987	0.087		1
Methylene chloride	0.925	0.800	3.21	2.78		1
Methyl tert butyl ether	0.021	0.020	0.074	0.072		1
p/m-Xylene	0.691	0.040	3.00	0.174		1
o-Xylene	0.237	0.020	1.03	0.087		1
Styrene	0.044	0.020	0.186	0.085		1
Tetrachloroethene	0.068	0.020	0.459	0.136		1
Toluene	1.02	0.020	3.85	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	0.020	0.020	0.107	0.107		1
Trichlorofluoromethane	0.231	0.050	1.30	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	11.7	2.00	27.7	4.75		1
2-Butanone	1.32	0.500	3.89	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

SAMPLE RESULTS

Lab ID: L0809683-05 R
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 17:00
Analyst: HM

Date Collected: 06/27/08 10:50
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	0.026	0.020	0.179	0.137		1
1,1,2,2-Tetrachloroethane	0.145	0.020	0.992	0.137		1
1,1,2-Trichloroethane	0.056	0.020	0.302	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	0.147	0.020	0.722	0.098		1
1,2-Dibromoethane	0.082	0.020	0.629	0.154		1
1,2-Dichlorobenzene	0.137	0.020	0.822	0.120		1
1,2-Dichloroethane	0.044	0.020	0.178	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.079	0.020	0.387	0.098		1
1,3-Dichlorobenzene	0.134	0.020	0.802	0.120		1
1,4-Dichlorobenzene	0.223	0.020	1.34	0.120		1
Benzene	0.266	0.070	0.849	0.223		1
Bromodichloromethane	0.035	0.020	0.231	0.134		1
Bromoform	0.126	0.020	1.30	0.206		1
Carbon tetrachloride	0.088	0.020	0.555	0.126		1
Chlorobenzene	0.068	0.020	0.314	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.050	0.020	0.245	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	0.041	0.020	0.185	0.091		1
Dibromochloromethane	0.064	0.020	0.308	0.096		1

SAMPLE RESULTS

Lab ID: L0809683-05 R
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 10:50
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.455	0.050	2.25	0.247		1
Ethylbenzene	0.185	0.020	0.802	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.498	0.040	2.16	0.174		1
o-Xylene	0.192	0.020	0.833	0.087		1
Styrene	0.113	0.020	0.481	0.085		1
Tetrachloroethene	0.068	0.020	0.460	0.136		1
Toluene	1.20	0.020	4.52	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	0.075	0.020	0.340	0.091		1
Trichloroethene	0.027	0.020	0.143	0.107		1
Trichlorofluoromethane	0.208	0.050	1.17	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	11.0	2.00	26.0	4.75		1
2-Butanone	0.965	0.500	2.84	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

SAMPLE RESULTS

Lab ID: L0809683-06
Client ID: ROOM 152
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 17:39
Analyst: HM

Date Collected: 06/27/08 10:51
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.042	0.020	0.206	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	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.097	0.020	0.582	0.120		1
Benzene	0.182	0.070	0.582	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.087	0.020	0.547	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.046	0.020	0.223	0.098		1
Chloromethane	0.512	0.500	2.50	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
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

SAMPLE RESULTS

Lab ID: L0809683-06
Client ID: ROOM 152
Sample Location: PROVIDENCE, RI

Date Collected: 06/27/08 10:51
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.456	0.050	2.25	0.247		1
Ethylbenzene	0.083	0.020	0.360	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.214	0.040	0.926	0.174		1
o-Xylene	0.078	0.020	0.339	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.036	0.020	0.246	0.136		1
Toluene	0.801	0.020	3.02	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	0.036	0.020	0.195	0.107		1
Trichlorofluoromethane	0.208	0.050	1.16	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	12.6	2.00	29.8	4.75		1
2-Butanone	0.795	0.500	2.34	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

SAMPLE RESULTS

Lab ID: L0809683-07
Client ID: ROOM 118
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 18:15
Analyst: HM

Date Collected: 06/27/08 11:05
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.129	0.020	0.634	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	0.078	0.020	0.385	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.022	0.020	0.130	0.120		1
Benzene	0.206	0.070	0.657	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.084	0.020	0.526	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.040	0.020	0.196	0.098		1
Chloromethane	0.668	0.500	3.26	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

SAMPLE RESULTS

Lab ID: L0809683-07 Date Collected: 06/27/08 11:05
Client ID: ROOM 118 Date Received: 06/27/08
Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.452	0.050	2.24	0.247		1
Ethylbenzene	0.110	0.020	0.478	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.288	0.040	1.25	0.174		1
o-Xylene	0.112	0.020	0.485	0.087		1
Styrene	0.045	0.020	0.191	0.085		1
Tetrachloroethene	0.063	0.020	0.424	0.136		1
Toluene	1.09	0.020	4.11	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	0.208	0.050	1.16	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	12.2	2.00	28.9	4.75		1
2-Butanone	1.03	0.500	3.05	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

SAMPLE RESULTS

Lab ID: L0809683-08
Client ID: ROOM 110
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 18:54
Analyst: HM

Date Collected: 06/27/08 11:06
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.050	0.020	0.246	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	0.021	0.020	0.102	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.045	0.020	0.273	0.120		1
Benzene	0.189	0.070	0.604	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.086	0.020	0.538	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.041	0.020	0.200	0.098		1
Chloromethane	0.537	0.500	2.62	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

SAMPLE RESULTS

Lab ID: L0809683-08 Date Collected: 06/27/08 11:06
Client ID: ROOM 110 Date Received: 06/27/08
Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.449	0.050	2.22	0.247		1
Ethylbenzene	0.092	0.020	0.400	0.087		1
Methylene chloride	2.00	0.800	6.94	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.229	0.040	0.994	0.174		1
o-Xylene	0.082	0.020	0.358	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.036	0.020	0.243	0.136		1
Toluene	1.02	0.020	3.84	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	0.205	0.050	1.15	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	12.2	2.00	29.0	4.75		1
2-Butanone	0.820	0.500	2.42	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

SAMPLE RESULTS

Lab ID: L0809683-09
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 19:32
Analyst: HM

Date Collected: 06/27/08 13:52
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.036	0.020	0.175	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	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.022	0.020	0.132	0.120		1
Benzene	0.228	0.070	0.726	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.086	0.020	0.537	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.034	0.020	0.167	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

SAMPLE RESULTS

Lab ID: L0809683-09
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 13:52
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.448	0.050	2.22	0.247		1
Ethylbenzene	0.085	0.020	0.369	0.087		1
Methylene chloride	5.48	0.800	19.0	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.183	0.040	0.795	0.174		1
o-Xylene	0.077	0.020	0.332	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.032	0.020	0.216	0.136		1
Toluene	0.641	0.020	2.41	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	0.211	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	8.29	2.00	19.7	4.75		1
2-Butanone	1.04	0.500	3.08	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/08/08 17:13

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG328391-3						
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-Trimethybenzene	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
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/08/08 17:13

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG328391-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	1.29	0.800	4.49	2.78		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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 12:53

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 04-09 Batch: WG328391-7						
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-Trimethybenzene	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
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 12:53

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 04-09 Batch: WG328391-7						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	2.78		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
Project Number: 6196501.1009

Lab Numl
Report D:

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG328391-2				
1,1,1-Trichloroethane	103	-	70-130	-
1,1,1,2-Tetrachloroethane	111	-	70-130	-
1,1,2,2-Tetrachloroethane	91	-	70-130	-
1,1,2-Trichloroethane	105	-	70-130	-
1,1-Dichloroethane	116	-	70-130	-
1,1-Dichloroethene	103	-	70-130	-
1,2,4-Trimethylbenzene	83	-	70-130	-
1,2-Dibromoethane	97	-	70-130	-
1,2-Dichlorobenzene	87	-	70-130	-
1,2-Dichloroethane	114	-	70-130	-
1,2-Dichloropropane	113	-	70-130	-
1,3,5-Trimethylbenzene	81	-	70-130	-
1,3-Butadiene	108	-	70-130	-
1,3-Dichlorobenzene	82	-	70-130	-
1,4-Dichlorobenzene	83	-	70-130	-
Benzene	93	-	70-130	-
Bromodichloromethane	118	-	70-130	-
Bromoform	100	-	70-130	-
Bromomethane	95	-	70-130	-
Carbon tetrachloride	106	-	70-130	-
Chlorobenzene	100	-	70-130	-

Lab Control Sample Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Numl
Report D:

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG328391-2				
Chloroethane	105	-	70-130	-
Chloroform	118	-	70-130	-
Chloromethane	92	-	70-130	-
cis-1,2-Dichloroethene	119	-	70-130	-
cis-1,3-Dichloropropene	103	-	70-130	-
Dibromochloromethane	111	-	70-130	-
Dichlorodifluoromethane	107	-	70-130	-
Ethylbenzene	93	-	70-130	-
1,1,2-Trichloro-1,2,2-Trifluoroethane	103	-	70-130	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110	-	70-130	-
Methylene chloride	88	-	70-130	-
Methyl tert butyl ether	98	-	70-130	-
p/m-Xylene	91	-	70-130	-
o-Xylene	92	-	70-130	-
Styrene	85	-	70-130	-
Tetrachloroethene	115	-	70-130	-
Toluene	99	-	70-130	-
trans-1,2-Dichloroethene	108	-	70-130	-
trans-1,3-Dichloropropene	86	-	70-130	-
Trichloroethene	111	-	70-130	-
1,2,4-Trichlorobenzene	157	-	70-130	-

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Numl

Report Da

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG328391-2				
Trichlorofluoromethane	106	-	70-130	-
Vinyl chloride	107	-	70-130	-
Acrylonitrile	84	-	70-130	-
n-Butylbenzene	105	-	70-130	-
sec-Butylbenzene	86	-	70-130	-
Isopropylbenzene	87	-	70-130	-
p-Isopropyltoluene	89	-	70-130	-
Acetone	84	-	70-130	-
2-Butanone	94	-	70-130	-
4-Methyl-2-pentanone	104	-	70-130	-

Lab Control Sample Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Numl
Report D:

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-09 Batch: WG328391-6				
1,1,1-Trichloroethane	117	-	70-130	-
1,1,1,2-Tetrachloroethane	122	-	70-130	-
1,1,2,2-Tetrachloroethane	107	-	70-130	-
1,1,2-Trichloroethane	118	-	70-130	-
1,1-Dichloroethane	121	-	70-130	-
1,1-Dichloroethene	105	-	70-130	-
1,2,4-Trimethylbenzene	92	-	70-130	-
1,2-Dibromoethane	107	-	70-130	-
1,2-Dichlorobenzene	91	-	70-130	-
1,2-Dichloroethane	117	-	70-130	-
1,2-Dichloropropane	126	-	70-130	-
1,3,5-Trimethylbenzene	97	-	70-130	-
1,3-Butadiene	107	-	70-130	-
1,3-Dichlorobenzene	93	-	70-130	-
1,4-Dichlorobenzene	92	-	70-130	-
Benzene	100	-	70-130	-
Bromodichloromethane	123	-	70-130	-
Bromoform	110	-	70-130	-
Bromomethane	93	-	70-130	-
Carbon tetrachloride	111	-	70-130	-
Chlorobenzene	111	-	70-130	-

Lab Control Sample Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Numl
Report D:

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-09 Batch: WG328391-6				
Chloroethane	108	-	70-130	-
Chloroform	118	-	70-130	-
Chloromethane	92	-	70-130	-
cis-1,2-Dichloroethene	121	-	70-130	-
cis-1,3-Dichloropropene	111	-	70-130	-
Dibromochloromethane	114	-	70-130	-
Dichlorodifluoromethane	105	-	70-130	-
Ethylbenzene	111	-	70-130	-
1,1,2-Trichloro-1,2,2-Trifluoroethane	104	-	70-130	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	108	-	70-130	-
Methylene chloride	89	-	70-130	-
Methyl tert butyl ether	103	-	70-130	-
p/m-Xylene	112	-	70-130	-
o-Xylene	113	-	70-130	-
Styrene	107	-	70-130	-
Tetrachloroethene	113	-	70-130	-
Toluene	110	-	70-130	-
trans-1,2-Dichloroethene	109	-	70-130	-
trans-1,3-Dichloropropene	100	-	70-130	-
Trichloroethene	111	-	70-130	-
1,2,4-Trichlorobenzene	130	-	70-130	-

Lab Control Sample Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Numl
Report D

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 04-09 Batch: WG328391-6				
Trichlorofluoromethane	105	-	70-130	-
Vinyl chloride	106	-	70-130	-
Acrylonitrile	102	-	70-130	-
n-Butylbenzene	101	-	70-130	-
sec-Butylbenzene	94	-	70-130	-
Isopropylbenzene	108	-	70-130	-
p-Isopropyltoluene	89	-	70-130	-
Acetone	97	-	70-130	-
2-Butanone	102	-	70-130	-
4-Methyl-2-pentanone	115	-	70-130	-

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Duplicate Analysis
Batch Quality Control

Lab
Rep

Parameter	Native Sample	Duplicate Sample	Units	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG328391-4 QC Sample: L0809679-04				
1,1,1-Trichloroethane	0.025	0.025	ppbV	2
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC
1,1,2-Trichloroethane	ND	ND	ppbV	NC
1,1-Dichloroethane	ND	ND	ppbV	NC
1,1-Dichloroethene	ND	ND	ppbV	NC
1,2,4-Trimethylbenzene	0.150	0.178	ppbV	17
1,2-Dibromoethane	ND	ND	ppbV	NC
1,2-Dichlorobenzene	ND	ND	ppbV	NC
1,2-Dichloroethane	ND	ND	ppbV	NC
1,2-Dichloropropane	ND	ND	ppbV	NC
1,3,5-Trimethybenzene	0.051	0.059	ppbV	15
1,3-Dichlorobenzene	ND	ND	ppbV	NC
1,4-Dichlorobenzene	9.63	10.7	ppbV	11
Benzene	0.125	0.129	ppbV	3
Bromodichloromethane	ND	ND	ppbV	NC
Bromoform	ND	ND	ppbV	NC
Carbon tetrachloride	0.088	0.088	ppbV	0
Chlorobenzene	ND	ND	ppbV	NC

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Duplicate Analysis
Batch Quality Control

Lab
Rep

Parameter	Native Sample	Duplicate Sample	Units	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG328391-4 QC Sample: L0809679-04				
Chloroethane	ND	ND	ppbV	NC
Chloroform	0.081	0.081	ppbV	0
Chloromethane	ND	ND	ppbV	NC
cis-1,2-Dichloroethene	ND	ND	ppbV	NC
cis-1,3-Dichloropropene	ND	ND	ppbV	NC
Dibromochloromethane	ND	ND	ppbV	NC
Dichlorodifluoromethane	0.501	0.490	ppbV	2
Ethylbenzene	0.161	0.160	ppbV	1
Methylene chloride	ND	ND	ppbV	NC
Methyl tert butyl ether	ND	ND	ppbV	NC
p/m-Xylene	0.537	0.536	ppbV	0
o-Xylene	0.183	0.182	ppbV	1
Styrene	0.139	0.142	ppbV	2
Tetrachloroethene	0.265	0.257	ppbV	3
Toluene	5.89	5.75	ppbV	2
trans-1,2-Dichloroethene	ND	ND	ppbV	NC
trans-1,3-Dichloropropene	ND	ND	ppbV	NC
Trichloroethene	1.22	1.15	ppbV	6
Trichlorofluoromethane	1.58	1.56	ppbV	1

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Duplicate Analysis
Batch Quality Control

Lab
Rep

Parameter	Native Sample	Duplicate Sample	Units	RPD
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG328391-4 QC Sample: L0809679-04				
Vinyl chloride	ND	ND	ppbV	NC
Acrylonitrile	ND	ND	ppbV	NC
n-Butylbenzene	ND	ND	ppbV	NC
sec-Butylbenzene	ND	ND	ppbV	NC
Isopropylbenzene	ND	ND	ppbV	NC
p-Isopropyltoluene	ND	ND	ppbV	NC
Acetone	4.10	4.14	ppbV	1
2-Butanone	1.24	1.27	ppbV	2
4-Methyl-2-pentanone	ND	ND	ppbV	NC

Project Name: ADELAIDE HIGH SCHOOL **Lab Number:** L0809683

Project Number: 6196501.1009 **Report Date:** 07/15/08

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
L0809683-01	GYMNASIUM	0330	#90 AMB		-	-	78	79	1
L0809683-01	GYMNASIUM	474	2.7L Can	I0808740	-29.6	-1.6	-	-	-
L0809683-02	CAFETERIA	0447	#90 SV		-	-	80	81	1
L0809683-02	CAFETERIA	225	2.7L Can	I0808740	-29.7	-0.7	-	-	-
L0809683-03	KITCHEN STORAGE RM	0301	#90 SV		-	-	78	78	0
L0809683-03	KITCHEN STORAGE RM	548	2.7L Can	I0808740	-29.6	0.3	-	-	-
L0809683-04	ELEVATOR HALLWAY	0041	#90 AMB		-	-	76	80	5
L0809683-04	ELEVATOR HALLWAY	496	2.7L Can	I0808740	-29.6	-1.0	-	-	-
L0809683-05	ROOM 145	0300	#90 AMB		-	-	79	80	1
L0809683-05	ROOM 145	220	2.7L Can	I0808740	-29.7	-0.5	-	-	-
L0809683-06	ROOM 152	0074	#90 AMB		-	-	76	81	6
L0809683-06	ROOM 152	133	2.7L Can	I0808740	-29.7	-0.1	-	-	-
L0809683-07	ROOM 118	407	2.7L Can	I0808740	-29.5	0.4	-	-	-
L0809683-08	ROOM 110	0451	#90 AMB		-	-	76	72	5
L0809683-08	ROOM 110	197	2.7L Can	I0808740	-29.7	-4.4	-	-	-
L0809683-09	AMBIENT OUTDOOR	467	2.7L Can	I0808740	-29.6	-3.0	-	-	-

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809683
Report Date: 07/15/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0809683-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809683-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

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: Data Usability Report

Project Name:	ADELAIDE HIGH SCHOOL	**Lab Number:**	L0809683
Project Number:	6196501.1009	**Report Date:**	07/15/08

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.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd In Lab:

ALPHA Job #: L0809683

Client Information
Client: EA Engineering
Address: 2350 Post Rd
Warwick, RI
Phone: 736-3440 (401)
Fax:
Email: mspeer@eaest.com
☑ These samples have been previously analyzed by Alpha

Project Information
Project Name: Adelaide Ave M.S.
Project Location: Providence, RI
Project #: 6196501.1009
Project Manager: Mark Speer
ALPHA Quote #:

Turn-Around Time
☑ Standard (10 DAYS) ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables
☐ FAX
☑ ADEx
Criteria Checker: Client/Project Specific
(Default based on Regulatory Criteria Indicated)
Other Formals:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information
☑ Same as Client info PO #: 5239

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
CT	Draft Proposal TACs	Residential

Other Project Specific Requirements/Comments: Include results for samples listed on this chain only in lab report. Separate lab report for samples on other chains. Note new EA Project Mgr. and email.

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID - Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
9683-01	Gymnasium	6/27	1006	1036	-26	-3	AA	DA	2.7L	474	0330			X				PID = 0.47 ppm
-02	Cafeteria		1005	1035	-30	-2				225	0447			X				ND
-03	Kitchen Storage Rm.		1210	1240	-30	-1				548	0301			X				0.139 ppm
-04	Elevator Hallway		1007	1037	-30	-4				496	0041			X				ND
-05	Room 145		1020	1050	-30	-2				220	0300			X				0.164 ppm
-06	Room 152		1021	1051	-30	-2				133	0074			X				ND
-07	Room 118		1035	1105	-28	-1				407				X				ND
-08	Room 110		1036	1106	-30	-2				197	0451			X				ND
-09	Ambient Outdoor		1352	-	-27	-1												0.1 ppm

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

Container Type: CS

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.

Relinquished By:	Date/Time	Received By:	Date/Time:
	6/27/08 1730	Nancy A Rose	6/27/08 1730
		Kim Burke	6/27/08 17:30

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

Attachment C

Proposed Amendments to the O&M Program
EA, 4 March 2008

EA Engineering, Science, and Technology, Inc.

Airport Professional Park
2350 Post Road
Warwick, Rhode Island 02886
Telephone: 401-736-3440
Fax: 401-736-3423
www.eaest.com

4 March 2008

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

RE: Proposed Amendments to the O&M Program at the 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 requesting that your office review and approve amendments to the sampling and monitoring program stipulated by the Amended Order of Approval (Amended OA) currently being implemented at the Adelaide Avenue School Site (the Site).

During the one year period between March 2007 and February 2008, approximately 200 air and soil vapor samples have been collected, and over 10,000 sampling and monitoring data points have been evaluated. The comprehensive overall body of data collected to date clearly demonstrates that the sub-slab depressurization (SSD) system operating at the site has eliminated the soil vapor intrusion pathway, and that neither soil vapor intrusion of volatile organic compounds (VOCs) into the school, nor the accumulation of methane beneath or within the school is occurring. The reliability of the sub-slab depressurization (SSD) system is evidenced by the fact that no SSD system malfunctions or equipment failures have occurred throughout the first year of SSD system operation. This high level of reliability and performance is expected to continue over time, and ongoing continuous monitoring of the SSD system via the existing alarm system will ensure that redundancies remain in place to ensure prompt notifications and responses to any interruptions in SSD system operation. Based on the overwhelming supporting data and SSD system effectiveness and reliability, continuation of the current monthly sampling/monitoring frequency of site parameters is excessive, disproportionately costly to the City, and not necessary to demonstrate ongoing safety to building occupants.

The proposed amendments, in conjunction with all other elements of the Amended OA, collectively comprise an O&M Program that meets or exceeds all state guidance policies reviewed by EA regarding performing O&M at sites where SSD Systems have been installed, and will therefore effectively provide the appropriate amount of data necessary to continue to demonstrate the high level of site safety with respect to potential soil vapor intrusion. A copy of

all sampling data collected to date and a figure indicating the first floor school building layout are attached for reference. The requested O&M Program amendments are presented below:

- Revise the indoor air sampling frequency to quarterly. No changes to the number of indoor air samples is proposed, however, one change regarding the sampling locations is requested. With respect to the Kitchen Storage Room indoor sampling location, EA has found that the door to the outside and the door to the main kitchen area are frequently open to allow for daily food/supply deliveries and routine kitchen operations. These factors compromise the ability to collect representative indoor air quality data within the Kitchen Storage Room. Therefore, EA requests that a substitute and more representative indoor air sampling location be allowed. The Main Kitchen Area was considered due to its proximity to the Kitchen Storage Room, however, this location is not recommended since it is "open" to the cafeteria which is already included as a sampling location, and as explained previously, is usually open to outside air via the external door in the adjacent storage room. Instead, EA proposes to replace the Kitchen Storage Room sampling location with a new location in the Teacher's Lounge/Workroom where an "interior" sub-slab monitoring/sampling location (IMP-3) was installed in August 2007. A corresponding indoor sampling location is a reasonable location since the Teacher's Lounge/Workroom is a closed room where the teachers gather. This data will improve the overall effectiveness of the O&M program since we would be able to correlate sub-slab and indoor air from this part of the school.

- Revise the sub-slab soil vapor sampling frequency to quarterly. No changes are proposed to the number of samples or to the practice of rotating interior and perimeter sub-slab sampling locations (i.e., 2 interior and 2 perimeter sub-slab locations per sampling event) as requested by RIDEM last year.

- Revise the current ambient outdoor air sampling frequency to quarterly to coincide with proposed indoor and sub-slab sampling frequencies.

- Revise all field inspection and monitoring currently performed on a monthly basis to quarterly to coincide with proposed indoor and sub-slab sampling frequencies.

No changes are proposed to the current annual schedule of roof-top fan effluent sampling, to the continuous monitoring frequency for SSD system operation and indoor methane levels, to any of the quarterly summary reporting requirements, or to any of the Amended OA provisions regarding emergency response, document repository maintenance, and verbal/written RIDEM notifications. In order to address RIDEM's concern that an Indoor Air Action Level exceedence resultant from soil vapor intrusion may not automatically trigger a timely increase in sampling frequency, EA proposes to include language in the Amended Order that states:

- In the event that an Indoor Air Action Level exceedence demonstrated to be resultant from soil vapor intrusion occurs, then the City shall collect additional monthly samples from the indoor area and the corresponding closest sub-slab sampling location until such time that the exceeding VOC(s) return to levels below the applicable Action Level for a period of three consecutive months.

We trust that this letter and the summary correspondence and data previously submitted provide the Department with the necessary supporting documentation to approve these proposed changes to the O&M Program. If you need more information, or if the Department disagrees with the proposed changes, please provide written justification for not approving this request so that the City may respond accordingly. Thank you for your timely attention.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

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

Attachments

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

Appendix F

Roof-Top Fan Effluent Analytical Report

Adelaide Avenue School - Sub Slab Depressurization System Emissions Calculations
Sample Date - 27 June 2008

Volatile Organic Compounds	ROOFTOP FAN 1 (Measured air flow = 108 cubic feet per minute)				ROOFTOP FAN 2 (Measured air flow = 190 cubic feet per minute)				ROOFTOP FAN 3 (Measured air flow = 124 cubic feet per minute)				CUMULATIVE EMISSIONS (3 fans combined)		
	Concentration (ug/m^3)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m^3)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m^3)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)
1,1,1,2-Tetrachloroethane	0.14 U	5.53E-08	1.33E-06	4.85E-04	0.14 U	9.73E-08	2.34E-06	8.52E-04	0.14 U	6.35E-08	1.52E-06	5.56E-04	2.16E-07	5.19E-06	1.89E-03
1,1,1-Trichloroethane	2.7	1.09E-06	2.61E-05	9.51E-03	2.55	1.81E-06	4.35E-05	1.59E-02	1.48	6.86E-07	1.65E-05	6.01E-03	3.58E-06	8.60E-05	3.14E-02
1,1,2,2-Tetrachloroethane	0.14 U	5.53E-08	1.33E-06	4.85E-04	0.137 U	9.73E-08	2.34E-06	8.52E-04	0.14 U	6.35E-08	1.52E-06	5.56E-04	2.16E-07	5.19E-06	1.89E-03
1,1,2-Trichloroethane	0.11 U	4.40E-08	1.06E-06	3.85E-04	0.11 U	7.74E-08	1.86E-06	6.78E-04	0.11 U	5.05E-08	1.21E-06	4.43E-04	1.72E-07	4.13E-06	1.51E-03
1,1-Dichloroethane	0.17	6.78E-08	1.63E-06	5.94E-04	0.08 U	5.75E-08	1.38E-06	5.04E-04	0.08 U	3.75E-08	9.01E-07	3.29E-04	1.63E-07	3.91E-06	1.43E-03
1,1-Dichloroethene	0.08 U	3.19E-08	7.65E-07	2.79E-04	0.08 U	5.61E-08	1.35E-06	4.92E-04	0.08 U	3.66E-08	8.79E-07	3.21E-04	1.25E-07	2.99E-06	1.09E-03
1,2,4-Trimethylbenzene	0.92	3.72E-07	8.92E-06	3.26E-03	1.32	9.38E-07	2.25E-05	8.21E-03	1.39	6.44E-07	1.55E-05	5.64E-03	1.95E-06	4.69E-05	1.71E-02
1,2-Dibromoethane	0.15 U	6.22E-08	1.49E-06	5.45E-04	0.15 U	1.09E-07	2.63E-06	9.58E-04	0.15 U	7.14E-08	1.71E-06	6.25E-04	2.43E-07	5.83E-06	2.13E-03
1,2-Dichlorobenzene	0.12 U	4.84E-08	1.16E-06	4.24E-04	0.12 U	8.52E-08	2.05E-06	7.47E-04	0.12 U	5.56E-08	1.34E-06	4.87E-04	1.89E-07	4.54E-06	1.66E-03
1,2-Dichloroethane	0.09	3.67E-08	8.82E-07	3.22E-04	0.09	6.25E-08	1.50E-06	5.48E-04	0.08 U	3.75E-08	9.01E-07	3.29E-04	1.37E-07	3.28E-06	1.20E-03
1,2-Dichloropropane	0.09 U	3.71E-08	8.91E-07	3.25E-04	0.09 U	6.53E-08	1.57E-06	5.72E-04	0.09 U	4.26E-08	1.02E-06	3.74E-04	1.45E-07	3.48E-06	1.27E-03
1,3,5-Trimethybenzene	0.70	2.81E-07	6.74E-06	2.46E-03	1.16	8.24E-07	1.98E-05	7.22E-03	1.53	7.09E-07	1.70E-05	6.21E-03	1.81E-06	4.35E-05	1.59E-02
1,3-Dichlorobenzene	0.12 U	4.84E-08	1.16E-06	4.24E-04	0.12 U	8.52E-08	2.05E-06	7.47E-04	0.12 U	5.56E-08	1.34E-06	4.87E-04	1.89E-07	4.54E-06	1.66E-03
1,4-Dichlorobenzene	0.12 U	4.84E-08	1.16E-06	4.24E-04	0.22	1.56E-07	3.75E-06	1.37E-03	0.12 U	5.56E-08	1.34E-06	4.87E-04	2.60E-07	6.25E-06	2.28E-03
2-Butanone	1.47 U	5.93E-07	1.42E-05	5.20E-03	1.47 U	1.04E-06	2.51E-05	9.15E-03	2.30	1.07E-06	2.56E-05	9.34E-03	2.70E-06	6.49E-05	2.37E-02
4-Methyl-2-pentanone	2.05 U	8.28E-07	1.99E-05	7.25E-03	2.05 U	1.46E-06	3.49E-05	1.28E-02	2.05 U	9.50E-07	2.28E-05	8.32E-03	3.23E-06	7.76E-05	2.83E-02
Acetone	10.4	4.20E-06	1.01E-04	3.68E-02	8.06	5.72E-06	1.37E-04	5.01E-02	9.02	4.18E-06	1.00E-04	3.66E-02	1.41E-05	3.39E-04	1.24E-01
Acrylonitrile	1.1 U	4.36E-07	1.05E-05	3.82E-03	1.08 U	7.67E-07	1.84E-05	6.72E-03	1.08 U	5.01E-07	1.20E-05	4.39E-03	1.70E-06	4.09E-05	1.49E-02
Benzene	0.42	1.70E-07	4.08E-06	1.49E-03	0.47	3.35E-07	8.03E-06	2.93E-03	0.28	1.31E-07	3.15E-06	1.15E-03	6.36E-07	1.53E-05	5.57E-03
Bromodichloromethane	0.13 U	5.41E-08	1.30E-06	4.74E-04	0.13 U	9.52E-08	2.28E-06	8.34E-04	0.13 U	6.21E-08	1.49E-06	5.44E-04	2.11E-07	5.07E-06	1.85E-03
Bromoform	0.21 U	8.32E-08	2.00E-06	7.29E-04	0.21	1.52E-07	3.65E-06	1.33E-03	0.21 U	9.55E-08	2.29E-06	8.36E-04	3.31E-07	7.94E-06	2.90E-03
Carbon tetrachloride	0.53	2.14E-07	5.13E-06	1.87E-03	0.55	3.90E-07	9.36E-06	3.42E-03	0.53	2.47E-07	5.92E-06	2.16E-03	8.50E-07	2.04E-05	7.45E-03
Chlorobenzene	0.09 U	3.71E-08	8.91E-07	3.25E-04	0.09 U	6.53E-08	1.57E-06	5.72E-04	0.09 U	4.26E-08	1.02E-06	3.74E-04	1.45E-07	3.48E-06	1.27E-03
Chloroethane	0.05 U	2.14E-08	5.14E-07	1.87E-04	0.15	1.05E-07	2.52E-06	9.21E-04	0.10	4.68E-08	1.12E-06	4.10E-04	1.73E-07	4.16E-06	1.52E-03
Chloroform	0.40	1.60E-07	3.84E-06	1.40E-03	0.56	3.97E-07	9.53E-06	3.48E-03	0.62	2.87E-07	6.90E-06	2.52E-03	8.44E-07	2.03E-05	7.40E-03
Chloromethane	2.44 U	9.85E-07	2.36E-05	8.63E-03	2.44 U	1.73E-06	4.16E-05	1.52E-02	2.44 U	1.13E-06	2.71E-05	9.91E-03	3.85E-06	9.24E-05	3.37E-02
cis-1,2-Dichloroethene	0.20	8.11E-08	1.95E-06	7.11E-04	0.08 U	5.61E-08	1.35E-06	4.92E-04	0.08 U	3.66E-08	8.79E-07	3.21E-04	1.74E-07	4.17E-06	1.52E-03
cis-1,3-Dichloropropene	0.09 U	3.67E-08	8.82E-07	3.22E-04	0.09 U	6.46E-08	1.55E-06	5.66E-04	0.09 U	4.22E-08	1.01E-06	3.70E-04	1.44E-07	3.45E-06	1.26E-03
Dibromochloromethane	0.10 U	3.88E-08	9.30E-07	3.40E-04	0.10 U	6.82E-08	1.64E-06	5.97E-04	0.10 U	4.45E-08	1.07E-06	3.90E-04	1.51E-07	3.63E-06	1.33E-03
Dichlorodifluoromethane	0.25 U	9.97E-08	2.39E-06	8.74E-04	2.22	1.58E-06	3.78E-05	1.38E-02	2.38	1.10E-06	2.65E-05	9.66E-03	2.78E-06	6.67E-05	2.44E-02
Ethylbenzene	0.20	8.16E-08	1.96E-06	7.14E-04	0.21	1.52E-07	3.65E-06	1.33E-03	1.27	5.89E-07	1.41E-05	5.16E-03	8.22E-07	1.97E-05	7.20E-03
Isopropylbenzene	2.46 U	9.93E-07	2.38E-05	8.70E-03	2.46 U	1.75E-06	4.19E-05	1.53E-02	2.46 U	1.14E-06	2.74E-05	9.99E-03	3.88E-06	9.31E-05	3.40E-02
Methyl tert butyl ether	0.07 U	2.91E-08	6.98E-07	2.55E-04	0.07	5.18E-08	1.24E-06	4.54E-04	0.18	8.53E-08	2.05E-06	7.47E-04	1.66E-07	3.99E-06	1.46E-03
Methylene chloride	6.59	2.66E-06	6.39E-05	2.33E-02	6.56	4.66E-06	1.12E-04	4.08E-02	2.78 U	1.29E-06	3.09E-05	1.13E-02	8.61E-06	2.07E-04	7.54E-02
n-Butylbenzene	2.74 U	1.11E-06	2.65E-05	9.69E-03	2.74 U	1.95E-06	4.67E-05	1.70E-02	2.74 U	1.27E-06	3.05E-05	1.11E-02	4.32E-06	1.04E-04	3.79E-02
o-Xylene	0.22	8.72E-08	2.09E-06	7.64E-04	0.26	1.82E-07	4.36E-06	1.59E-03	0.80	3.70E-07	8.88E-06	3.24E-03	6.39E-07	1.53E-05	5.60E-03
p-Isopropyltoluene	2.74 U	1.11E-06	2.65E-05	9.69E-03	2.74 U	1.95E-06	4.67E-05	1.70E-02	2.74 U	1.27E-06	3.05E-05	1.11E-02	4.32E-06	1.04E-04	3.79E-02
p/m-Xylene	0.48	1.93E-07	4.63E-06	1.69E-03	0.54	3.83E-07	9.19E-06	3.35E-03	1.96	9.09E-07	2.18E-05	7.96E-03	1.48E-06	3.56E-05	1.30E-02
sec-Butylbenzene	2.74 U	1.11E-06	2.65E-05	9.69E-03	2.74 U	1.95E-06	4.67E-05	1.70E-02	2.74 U	1.27E-06	3.05E-05	1.11E-02	4.32E-06	1.04E-04	3.79E-02
Styrene	0.18	7.23E-08	1.73E-06	6.33E-04	0.21	1.46E-07	3.51E-06	1.28E-03	0.09	3.99E-08	9.57E-07	3.49E-04	2.58E-07	6.20E-06	2.26E-03
Tetrachloroethene	29.7	1.20E-05	2.88E-04	1.05E-01	14.8	1.05E-05	2.52E-04	9.21E-02	73.1	3.39E-05	8.13E-04	2.97E-01	5.64E-05	1.35E-03	4.94E-01
Toluene	1.56	6.30E-07	1.51E-05	5.52E-03	2.62	1.86E-06	4.47E-05	1.63E-02	3.42	1.59E-06	3.80E-05	1.39E-02	4.08E-06	9.78E-05	3.57E-02
trans-1,2-Dichloroethene	0.08 U	3.19E-08	7.65E-07	2.79E-04	0.08 U	5.61E-08	1.35E-06	4.92E-04	0.08 U	3.66E-08	8.79E-07	3.21E-04	1.25E-07	2.99E-06	1.09E-03
trans-1,3-Dichloropropene	0.09 U	3.67E-08	8.82E-07	3.22E-04	0.09 U	6.46E-08	1.55E-06	5.66E-04	0.09 U	4.22E-08	1.01E-06	3.70E-04	1.44E-07	3.45E-06	1.26E-03
Trichloroethene	99.8	4.03E-05	9.67E-04	3.53E-01	95.5	6.78E-05	1.63E-03	5.94E-01	25.5	1.18E-05	2.84E-04	1.04E-01	1.20E-04	2.88E-03	1.05E+00
Trichlorofluoromethane	57	2.30E-05	5.52E-04	2.02E-01	133	9.45E-05	2.27E-03	8.28E-01	21.4	9.92E-06	2.38E-04	8.69E-02	1.27E-04	3.06E-03	1.12E+00
Vinyl chloride	0.05 U	2.06E-08	4.94E-07	1.80E-04	0.05 U	3.62E-08	8.69E-07	3.17E-04	0.05 U	2.36E-08	5.67E-07	2.07E-04	8.05E-08	1.93E-06	7.05E-04
Total VOCs	2.32E+02	Not Applicable	Not Applicable	8.21E-01	2.91E+02	Not Applicable	Not Applicable	1.81E+00	1.69E+02	Not Applicable	Not Applicable	6.84E-01	Not Applicable	Not Applicable	3.31E+00
RIDEM Air Pollution Control Permit Applicability Thresholds (lbs) *		**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**		**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**		**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**	**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**

U : indicates that chemical was not detected by the laboratory. To be conservative, the reporting limit shown in the concentration column was used in the emissions calculations.

Hourly Emissions (lbs/hour) = VOC concentration (ug/m^3) x measured flow rate (cfm) x 0.02832 m^3/ft^3 x 60 min/hour x 0.001 mg/ug x 0.001 g/mg x 0.0022 lb/g.

Daily Emissions (lbs/day) = Hourly Emissions x 24 hours/day.

Yearly Emissions (lbs/year) = Daily Emissions x 365 days/year.

* RIDEM Air Pollution Control Regulation No. 9 [August 1971, Amended April 2004].

ANALYTICAL REPORT

Lab Number:	L0809619
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	ADELAIDE HIGH SCHOOL
Project Number:	6196501.1009
Report Date:	07/14/08

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.

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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809619
Report Date: 07/14/08

Alpha Sample ID	Client ID	Sample Location
L0809619-01	ROOFTOP #1	PROVIDENCE, RI
L0809619-02	ROOFTOP #2	PROVIDENCE, RI
L0809619-03	ROOFTOP #3	PROVIDENCE, RI

Project Name:	ADELAIDE HIGH SCHOOL	**Lab Number:**	L0809619
Project Number:	6196501.1009	**Report Date:**	07/14/08

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.

TO15-SIM

L0809619-02 was re-analyzed due to quality control failure on the original analysis. The results of the re-analysis are reported.

WG328391-3 Blank: There are a detectable amount of Methylene Chloride in the Method Blank. Methylene chloride is believed to be isolated to the canister used as the method blank.

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: 07/14/08

AIR

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009
Lab Number: L0809619
Report Date: 07/14/08

SAMPLE RESULTS

Lab ID: L0809619-01
Client ID: ROOFTOP #1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/11/08 17:17
Analyst: HM

Date Collected: 06/27/08 14:05
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.494	0.020	2.69	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	0.042	0.020	0.168	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.188	0.020	0.921	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	0.023	0.020	0.091	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.142	0.020	0.696	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.132	0.070	0.421	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.084	0.020	0.529	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.081	0.020	0.396	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	0.051	0.020	0.201	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
Project Number: 6196501.1009
Lab Number: L0809619
Report Date: 07/14/08

SAMPLE RESULTS

Lab ID: L0809619-01
Client ID: ROOFTOP #1
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 14:05
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	0.047	0.020	0.202	0.087		1
Methylene chloride	1.90	0.800	6.59	2.78		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.110	0.040	0.478	0.174		1
o-Xylene	0.050	0.020	0.216	0.087		1
Styrene	0.042	0.020	0.179	0.085		1
Tetrachloroethene	4.38	0.020	29.7	0.136		1
Toluene	0.413	0.020	1.56	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	18.6	0.020	99.8	0.107		1
Trichlorofluoromethane	10.2	0.050	57.0	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	4.40	2.00	10.4	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: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009
Lab Number: L0809619
Report Date: 07/14/08

SAMPLE RESULTS

Lab ID: L0809619-02 R
Client ID: ROOFTOP #2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 14:27
Analyst: HM

Date Collected: 06/27/08 14:10
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.468	0.020	2.55	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	0.270	0.020	1.32	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	0.088	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.237	0.020	1.16	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.037	0.020	0.220	0.120		1
Benzene	0.148	0.070	0.471	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	0.021	0.020	0.214	0.206		1
Carbon tetrachloride	0.087	0.020	0.549	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.056	0.020	0.148	0.053		1
Chloroform	0.115	0.020	0.559	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
Project Number: 6196501.1009
Lab Number: L0809619
Report Date: 07/14/08

SAMPLE RESULTS

Lab ID: L0809619-02 R
Client ID: ROOFTOP #2
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 14:10
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.450	0.050	2.22	0.247		1
Ethylbenzene	0.049	0.020	0.214	0.087		1
Methylene chloride	1.89	0.800	6.56	2.78		1
Methyl tert butyl ether	0.020	0.020	0.073	0.072		1
p/m-Xylene	0.124	0.040	0.539	0.174		1
o-Xylene	0.059	0.020	0.256	0.087		1
Styrene	0.049	0.020	0.206	0.085		1
Tetrachloroethene	2.18	0.020	14.8	0.136		1
Toluene	0.696	0.020	2.62	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	17.8	0.020	95.5	0.107		1
Trichlorofluoromethane	23.7	0.050	133	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	3.40	2.00	8.06	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: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009
Lab Number: L0809619
Report Date: 07/14/08

SAMPLE RESULTS

Lab ID: L0809619-03
Client ID: ROOFTOP #3
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/08/08 21:36
Analyst: HM

Date Collected: 06/27/08 13:15
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.272	0.020	1.48	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	0.098	0.020	0.671	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	0.284	0.020	1.39	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	0.311	0.020	1.53	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.089	0.070	0.283	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.085	0.020	0.532	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.038	0.020	0.101	0.053		1
Chloroform	0.127	0.020	0.620	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
Project Number: 6196501.1009
Lab Number: L0809619
Report Date: 07/14/08

SAMPLE RESULTS

Lab ID: L0809619-03
Client ID: ROOFTOP #3
Sample Location: PROVIDENCE, RI
Date Collected: 06/27/08 13:15
Date Received: 06/27/08
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.482	0.050	2.38	0.247		1
Ethylbenzene	0.292	0.020	1.27	0.087		1
Methylene chloride	ND	0.800	ND	2.78		1
Methyl tert butyl ether	0.051	0.020	0.184	0.072		1
p/m-Xylene	0.452	0.040	1.96	0.174		1
o-Xylene	0.184	0.020	0.798	0.087		1
Styrene	0.020	0.020	0.086	0.085		1
Tetrachloroethene	10.8	0.020	73.1	0.136		1
Toluene	0.909	0.020	3.42	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	4.75	0.020	25.5	0.107		1
Trichlorofluoromethane	3.82	0.050	21.4	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	3.80	2.00	9.02	4.75		1
2-Butanone	0.782	0.500	2.30	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ADELAIDE HIGH SCHOOL **Lab Number:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/11/08 14:12

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01 Batch: WG328391-10						
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-Trimethybenzene	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:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/11/08 14:12

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 01 Batch: WG328391-10						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	2.78		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

Project Name: ADELAIDE HIGH SCHOOL **Lab Number:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/08/08 17:13

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 03 Batch: WG328391-3						
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-Trimethybenzene	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:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/08/08 17:13

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 03 Batch: WG328391-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	1.29	0.800	4.49	2.78		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

Project Name: ADELAIDE HIGH SCHOOL **Lab Number:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 12:53

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 02 Batch: WG328391-7						
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-Trimethybenzene	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:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/09/08 12:53

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organic Compounds in Air by SIM for sample(s): 02 Batch: WG328391-7						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	2.78		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

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 03 Batch: WG328391-2					
1,1,1-Trichloroethane	103	-	70-130	-	
1,1,1,2-Tetrachloroethane	111	-	70-130	-	
1,1,2,2-Tetrachloroethane	91	-	70-130	-	
1,1,2-Trichloroethane	105	-	70-130	-	
1,1-Dichloroethane	118	-	70-130	-	
1,1-Dichloroethene	103	-	70-130	-	
1,2,4-Trimethylbenzene	83	-	70-130	-	
1,2-Dibromoethane	97	-	70-130	-	
1,2-Dichlorobenzene	87	-	70-130	-	
1,2-Dichloroethane	114	-	70-130	-	
1,2-Dichloropropane	113	-	70-130	-	
1,3,5-Trimethylbenzene	81	-	70-130	-	
1,3-Butadiene	108	-	70-130	-	
1,3-Dichlorobenzene	82	-	70-130	-	
1,4-Dichlorobenzene	83	-	70-130	-	
Benzene	93	-	70-130	-	
Bromodichloromethane	118	-	70-130	-	
Bromoform	100	-	70-130	-	
Bromomethane	95	-	70-130	-	
Carbon tetrachloride	106	-	70-130	-	
Chlorobenzene	100	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 03 Batch: WG328391-2					
Chloroethane	105	-	70-130	-	
Chloroform	118	-	70-130	-	
Chloromethane	92	-	70-130	-	
cis-1,2-Dichloroethene	119	-	70-130	-	
cis-1,3-Dichloropropene	103	-	70-130	-	
Dibromochloromethane	111	-	70-130	-	
Dichlorodifluoromethane	107	-	70-130	-	
Ethylbenzene	93	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	103	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	110	-	70-130	-	
Methylene chloride	88	-	70-130	-	
Methyl tert butyl ether	98	-	70-130	-	
p/m-Xylene	91	-	70-130	-	
o-Xylene	92	-	70-130	-	
Styrene	85	-	70-130	-	
Tetrachloroethene	115	-	70-130	-	
Toluene	99	-	70-130	-	
trans-1,2-Dichloroethene	108	-	70-130	-	
trans-1,3-Dichloropropene	86	-	70-130	-	
Trichloroethene	111	-	70-130	-	
1,2,4-Trichlorobenzene	**157**	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 03 Batch: WG328391-2					
Trichlorofluoromethane	106	-	70-130	-	
Vinyl chloride	107	-	70-130	-	
Acrylonitrile	84	-	70-130	-	
n-Butylbenzene	105	-	70-130	-	
sec-Butylbenzene	86	-	70-130	-	
Isopropylbenzene	87	-	70-130	-	
p-Isopropyltoluene	89	-	70-130	-	
Acetone	84	-	70-130	-	
2-Butanone	94	-	70-130	-	
4-Methyl-2-pentanone	104	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02 Batch: WG328391-6					
1,1,1-Trichloroethane	117	-	70-130	-	
1,1,1,2-Tetrachloroethane	122	-	70-130	-	
1,1,2,2-Tetrachloroethane	107	-	70-130	-	
1,1,2-Trichloroethane	118	-	70-130	-	
1,1-Dichloroethane	121	-	70-130	-	
1,1-Dichloroethene	105	-	70-130	-	
1,2,4-Trimethylbenzene	92	-	70-130	-	
1,2-Dibromoethane	107	-	70-130	-	
1,2-Dichlorobenzene	91	-	70-130	-	
1,2-Dichloroethane	117	-	70-130	-	
1,2-Dichloropropane	126	-	70-130	-	
1,3,5-Trimethylbenzene	97	-	70-130	-	
1,3-Butadiene	107	-	70-130	-	
1,3-Dichlorobenzene	93	-	70-130	-	
1,4-Dichlorobenzene	92	-	70-130	-	
Benzene	100	-	70-130	-	
Bromodichloromethane	123	-	70-130	-	
Bromoform	110	-	70-130	-	
Bromomethane	93	-	70-130	-	
Carbon tetrachloride	111	-	70-130	-	
Chlorobenzene	111	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02 Batch: WG328391-6					
Chloroethane	108	-	70-130	-	
Chloroform	118	-	70-130	-	
Chloromethane	92	-	70-130	-	
cis-1,2-Dichloroethene	121	-	70-130	-	
cis-1,3-Dichloropropene	111	-	70-130	-	
Dibromochloromethane	114	-	70-130	-	
Dichlorodifluoromethane	105	-	70-130	-	
Ethylbenzene	111	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	104	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	108	-	70-130	-	
Methylene chloride	89	-	70-130	-	
Methyl tert butyl ether	103	-	70-130	-	
p/m-Xylene	112	-	70-130	-	
o-Xylene	113	-	70-130	-	
Styrene	107	-	70-130	-	
Tetrachloroethene	113	-	70-130	-	
Toluene	110	-	70-130	-	
trans-1,2-Dichloroethene	109	-	70-130	-	
trans-1,3-Dichloropropene	100	-	70-130	-	
Trichloroethene	111	-	70-130	-	
1,2,4-Trichlorobenzene	130	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 02 Batch: WG328391-6					
Trichlorofluoromethane	105	-	70-130	-	
Vinyl chloride	106	-	70-130	-	
Acrylonitrile	102	-	70-130	-	
n-Butylbenzene	101	-	70-130	-	
sec-Butylbenzene	94	-	70-130	-	
Isopropylbenzene	108	-	70-130	-	
p-Isopropyltoluene	89	-	70-130	-	
Acetone	97	-	70-130	-	
2-Butanone	102	-	70-130	-	
4-Methyl-2-pentanone	115	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01 Batch: WG328391-9					
1,1,1-Trichloroethane	112	-	70-130	-	
1,1,1,2-Tetrachloroethane	119	-	70-130	-	
1,1,2,2-Tetrachloroethane	110	-	70-130	-	
1,1,2-Trichloroethane	118	-	70-130	-	
1,1-Dichloroethane	118	-	70-130	-	
1,1-Dichloroethene	98	-	70-130	-	
1,2,4-Trimethylbenzene	99	-	70-130	-	
1,2-Dibromoethane	101	-	70-130	-	
1,2-Dichlorobenzene	92	-	70-130	-	
1,2-Dichloroethane	121	-	70-130	-	
1,2-Dichloropropane	127	-	70-130	-	
1,3,5-Trimethylbenzene	105	-	70-130	-	
1,3-Butadiene	102	-	70-130	-	
1,3-Dichlorobenzene	97	-	70-130	-	
1,4-Dichlorobenzene	95	-	70-130	-	
Benzene	100	-	70-130	-	
Bromodichloromethane	117	-	70-130	-	
Bromoform	103	-	70-130	-	
Bromomethane	86	-	70-130	-	
Carbon tetrachloride	104	-	70-130	-	
Chlorobenzene	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01 Batch: WG328391-9					
Chloroethane	101	-	70-130	-	
Chloroform	114	-	70-130	-	
Chloromethane	88	-	70-130	-	
cis-1,2-Dichloroethene	117	-	70-130	-	
cis-1,3-Dichloropropene	110	-	70-130	-	
Dibromochloromethane	106	-	70-130	-	
Dichlorodifluoromethane	97	-	70-130	-	
Ethylbenzene	116	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	96	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	99	-	70-130	-	
Methylene chloride	86	-	70-130	-	
Methyl tert butyl ether	108	-	70-130	-	
p/m-Xylene	117	-	70-130	-	
o-Xylene	119	-	70-130	-	
Styrene	112	-	70-130	-	
Tetrachloroethene	102	-	70-130	-	
Toluene	107	-	70-130	-	
trans-1,2-Dichloroethene	103	-	70-130	-	
trans-1,3-Dichloropropene	100	-	70-130	-	
Trichloroethene	104	-	70-130	-	
1,2,4-Trichlorobenzene	104	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1009

Lab Number: L0809619

Report Date: 07/14/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01 Batch: WG328391-9					
Trichlorofluoromethane	97	-	70-130	-	
Vinyl chloride	100	-	70-130	-	
Acrylonitrile	114	-	70-130	-	
n-Butylbenzene	88	-	70-130	-	
sec-Butylbenzene	99	-	70-130	-	
Isopropylbenzene	114	-	70-130	-	
p-Isopropyltoluene	84	-	70-130	-	
Acetone	104	-	70-130	-	
2-Butanone	106	-	70-130	-	
4-Methyl-2-pentanone	112	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809619
Report Date: 07/14/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG328391-4 QC Sample: L0809679-04 Client ID: DUP Sample					
1,1,1-Trichloroethane	0.025	0.025	ppbV	2	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	0.150	0.178	ppbV	17	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-Trimethybenzene	0.051	0.059	ppbV	15	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	9.63	10.7	ppbV	11	25
Benzene	0.125	0.129	ppbV	3	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.088	0.088	ppbV	0	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809619
Report Date: 07/14/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG328391-4 QC Sample: L0809679-04 Client ID: DUP Sample					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.081	0.081	ppbV	0	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	0.501	0.490	ppbV	2	25
Ethylbenzene	0.161	0.160	ppbV	1	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.537	0.536	ppbV	0	25
o-Xylene	0.183	0.182	ppbV	1	25
Styrene	0.139	0.142	ppbV	2	25
Tetrachloroethene	0.265	0.257	ppbV	3	25
Toluene	5.89	5.75	ppbV	2	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	1.22	1.15	ppbV	6	25
Trichlorofluoromethane	1.58	1.56	ppbV	1	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809619
Report Date: 07/14/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG328391-4 QC Sample: L0809679-04 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
Acetone	4.10	4.14	ppbV	1	25
2-Butanone	1.24	1.27	ppbV	2	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: ADELAIDE HIGH SCHOOL **Lab Number:** L0809619

Project Number: 6196501.1009 **Report Date:** 07/14/08

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
L0809619-01	ROOFTOP #1	532	2.7L Can	I0808740	-29.6	-1.4	-	-	-
L0809619-02	ROOFTOP #2	342	2.7L Can	I0808740	-29.7	-1.7	-	-	-
L0809619-03	ROOFTOP #3	191	2.7L Can	I0808740	-29.6	-1.4	-	-	-

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1009

Lab Number: L0809619
Report Date: 07/14/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0809619-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809619-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0809619-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name:	ADELAIDE HIGH SCHOOL	**Lab Number:**	L0809619
Project Number:	6196501.1009	**Report Date:**	07/14/08

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:	ADELAIDE HIGH SCHOOL	**Lab Number:**	L0809619
Project Number:	6196501.1009	**Report Date:**	07/14/08

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.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L0809619

07140815:12

Client Information

Client: EA Engineering
Address: 2350 Post Rd
Warwick, RI
Phone: 736-3440 (401)
Fax:
Email: MSpeer@eaest.com
☑ These samples have been previously analyzed by Alpha

Project Information

Project Name: Adelaide Ave H.S.
Project Location: Providence
Project #: 6196501.1009
Project Manager: Mark Spear
ALPHA Quote #:

Turn-Around Time

☑ Standard 10 DAYS ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker: Client/Project Specific
(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 #: 5239

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
CT	Draft Proposed RSR TACs	Residential

Other Project Specific Requirements/Comments: Only include results for samples listed on this chain. I.E, include results for other samples listed on seperate chains in a separate lab report. Also, Note the change in EA Project Mgr. & email.

All Columns Below Must Be Filled Out

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
-01	Rooftop #1	6/27	1405	NA	NA	NA	SV	DA	2.7L	532	50			X					GRAB/PID=0.21
-02	Rooftop #2	↓	1410	↓	↓	↓	↓	↓	↓	342	1			X					GRAB/PID=0.27
-03	Rooftop #3	↓	1315	↓	↓	↓	↓	↓	↓	191	1			X					GRAB/PID=0.122

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

Container Type: CS

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	6/27/08 1730	Nancy A Rose for Bus	6/27/08 1730 6/27/08 17:30

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.

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