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27 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: Quarterly O&M Status Report No. 2
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 December 2007 and February 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.

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

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. 2

**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
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(401) 736-3440

March 2008
EA Project No. 61965.01

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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.2 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 December 2007 through February 2008 (Quarterly Reporting Period No. 2), 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 Report No. 1 for information regarding monitoring and sampling at the Site during the previous quarter. 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.

With the exception of a vacuum measurement at one sampling point (IMP-1) during one monitoring event (February 2008), sub-slab vacuum at all monitoring locations during all monitoring events was greater than the design vacuum level of -0.02 inches of water column. Also noted during the February 2008 monitoring event was a vacuum gauge in need of potential replacement associated with Roof-Top Fan 2. If the vacuum gauge at Roof-Top Fan 2 is confirmed to be in need of replacement during the next O&M event, it will be replaced. Based on air flow rates measured at Roof-Top Fan 2 and analytical results of the indoor, ambient, and sub-slab vapor samples, Roof-Top Fan 2 and the SSD system as a whole are functioning according to design. Inspections 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 completed at each roof-top fan location 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 December 2007, 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 March 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 6 December 2007, 8 January 2008, and 8 February 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 C, along with a data summary table and copies of the laboratory data reports associated with these three sampling events.

Analytical results from the December 2007 and February 2008 sampling events indicate, with the exception of Carbon Tetrachloride (found consistently in ambient outdoor air at the Site and a known ambient background contaminant in outdoor air), all VOCs analyzed during these two reporting periods were less than the applicable CT RTACs.

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 $\mu\text{g}/\text{m}^3$. Similarly, during this reporting period, the ambient outdoor and indoor air concentrations of Carbon Tetrachloride ranged between 0.44 and 0.58 $\mu\text{g}/\text{m}^3$. 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.

Analytical results from the January 2008 sampling event indicated the presence of Tetrachloroethylene in one sample (Media Room/Room 145) at a concentration ($8.9 \mu\text{g}/\text{m}^3$) that is above the applicable Indoor Air Action Level ($5.0 \mu\text{g}/\text{m}^3$) for this compound. This sample result was inconsistent with historical indoor data for the site (generally less than $0.5 \mu\text{g}/\text{m}^3$) and for the Media Center/Room 145 in particular. Furthermore, much lower concentrations were detected beneath the school slab on the same sampling date, indicating that soil vapor intrusion was not the cause for the elevated concentration within the Media Center/Room 145.

EA requested that the analytical laboratory review their handling and analysis procedures relative to the 8 January 2008 sampling event. Upon researching their records and procedures, AlphaWH

notified EA that there was a strong likelihood that the sample was inadvertently cross-contaminated by equipment used to process a highly contaminated air sample (Tetrachloroethylene concentration of 239,000 ug/m³) processed at their facility prior to receipt of the school samples.

On 28 January 2008, EA re-sampled the indoor air within the Media Center/Room 145, the outdoor ambient air, and the sub-slab air from directly beneath the Media Center/Room 145 (MP-8). The samples were transported to the laboratory and analyzed within 24-hours of receipt. Consistent with historical sampling results, all three samples collected on 28 January indicated Tetrachloroethylene concentrations at or below the laboratory's reporting limit of 0.14 ug/m³. Analytical results from these sampling events are provided in Appendices B (Indoor Air Monitoring Analytical Summary & Report) and C (Sub-slab Air Monitoring Analytical Summary & Report).

In conclusion, the 8 January 2008 Tetrachloroethylene concentration for Media Center/Room 145 is not accurate as confirmed by the 28 January sampling event and as supported by the attached laboratory correspondence dated 29 January 2008 which explains the cross-contamination that likely occurred. Correspondence regarding the two sampling events performed in January 2008 is provided in Appendix D.

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, 4 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 6 December 2007, 8 January 2008, and 8 February 2008. In addition, sub-slab sampling point MP-8 was sampled on 28 January, as summarized in Section 2.3 of this report. 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. The most recent roof-top VOC sampling event was completed in June 2007 and was summarized in correspondence submitted to RIDEM in July 2007. Please refer to the previously submitted sampling summary (dated 20 July 2007) for more details regarding the roof-top VOC data. The next annual roof-top VOC sampling event is scheduled for June 2008.

2.6 Conclusions

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

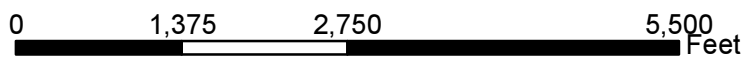
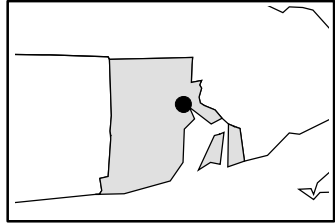
- There is no evidence that soil vapor intrusion into the Adelaide Avenue High School is occurring.
- There is no evidence of “VOC rebound” in soil gas beneath the school.
- The continuous operation of the SSD system, with no equipment malfunctions (although a vacuum gauge was found to be potentially in need of replacement) or alarm conditions and confirmation of sub-slab vacuum beneath the school illustrates ongoing, effective operation of the SSD System.
- 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 sub-slab or indoor methane monitoring data exceeded the respective methane Action Levels.
- Cross-contamination from laboratory equipment indicated the presence of Tetrachloroethylene above the Indoor Air Action Level. However, confirmatory sampling and laboratory confirmation indicated this was the result of cross-contamination. Therefore, the SSD System continues to operate according to design, and data collected to date confirms that the soil vapor intrusion pathway has been eliminated (i.e., no soil vapor intrusion is occurring).
- 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 31 May 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; and
- Replacement of a potentially faulty gauge associated with Roof-Top Fan 2, if necessary.

These activities will be summarized in the next status report (Quarterly Status Report No. 3) expected to be submitted by the end of June 2008.



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:\RIFIG1 333 ADELAIDE_PROV.MXD
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Appendix A
O&M Field Forms

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

Date of O&M: 12/6/2007

Performed by: PT/DA

PID/Methane Calibration? Yes (yes/no)

Date of last Methane Sensor Filter Replacement: Sept. 07

Replaced this O&M Visit? Yes (yes/no)

General Status of SSD System: On-line; rooftop fan 3 operating at slightly higher vacuum and lower flow than usual

General Status of Methane Monitoring System: On-line; no operational issues

Eng. Cap/Fence Inspection Performed/Notes: No deficiencies in cap or school property fencing

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	0.000	0	0	0	194	0331	707	-30	737	-2	
Cafeteria	NA	NA	0.000	0	0	0	152	0304	706	-30	736	-1	
Kitchen Storage Room	NA	NA	0.000	0	0	0	489	0339	709	-30	739	-1	
Elevator Hallway	NA	NA	0.000	0	0	0	216	0152	715	-30	745	-4	
Room 145	NA	NA	0.000	0	0	0	446	0337	716	-29.5	746	-2	
Room 152	NA	NA	0.000	0	0	0	214	0336	717	-30	747	-3	
Room 118	NA	NA	0.000	0	0	0	1066	0338	722	-29.5	752	-1	
Room 110	NA	NA	0.000	0	0	0	219	0149	723	-30	753	-7	
MP-1	-0.07	NA	2.220	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-2	-0.12	NA	0.000	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-3	-0.08	NA	0.076	NA	0	0	210	158	1115	-28	1145	-4	
MP-4	-0.11	NA	0.074	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-5	-0.11	NA	1.79	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-6	-0.16	NA	0	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-7	-0.18	NA	0.048	NA	0	0	512	0326	1030	-30	1100	-4	
MP-8	-0.13	NA	0	NA	0	0	NS	NS	NS	NS	NS	NS	
IMP-1	0.04	NA	0.0	NA	0	0	NS	NS	NS	NS	NS	NS	
IMP-2	0.03	NA	5.96	NA	0	0	487	0308	738	-30	808	-8	
IMP-3	0.03	NA	62.5	NA	0	0	252	0036	740	-29	813	-8	Teachers room PID/LEL/CH4 = 0ppm
Roof-Top Fan 1	-1.4	1680	0.000	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 2	-2.8	1512	0.000	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 3	-3.2	750	0.00	NA	0	0	NS	NS	NS	NS	NS	NS	
Ambient Outdoor Air	NA	NA	0	NA	0	0	221	0299	1010	-30	1040	-3	

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: 1/8/2008

Performed by: PG/PT/DA

PID/Methane Calibration? Yes (yes/no)

Date of last Methane Sensor Filter Replacement: 12/6/2007

Replaced this O&M Visit? No (yes/no)

General Status of SSD System: System on-line

General Status of Methane Monitoring System: On-line; no operational issues

Eng. Cap/Fence Inspection Performed/Notes: No deficiencies in cap or school property fencing

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	0.205	0	0	0	516	0149	708	-30	737	-4	
Cafeteria	NA	NA	0.044	0	0	0	495	0338	707	-30	7335	-1	
Kitchen Storage Room	NA	NA	0.037	0	0	0	333	0169	706	-30	736	-3	
Elevator Hallway	NA	NA	0.105	0	0	0	425	0152	709	-30	738	-1	
Room 145	NA	NA	0.021	0	0	0	454	0304	726	-30	756	-2	
Room 152	NA	NA	0.017	0	0	0	343	0339	727	-29	757	-5	
Room 118	NA	NA	0.021	0	0	0	488	0336	728	-30	800	-0.5	
Room 110	NA	NA	0.009	0	0	0	345	0418	729	-29	759	-1	
MP-1	-0.08	NA	0.316	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-2	-0.10	NA	0.242	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-3	-0.04	NA	0.723	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-4	-0.04	NA	1.47	NA	0	0	50	0155	1045	-30	1115	-3	Flow Controller calibrated at -2
MP-5	-0.08	NA	0.344	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-6	-0.07	NA	0.130	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-7	-0.10	NA	13.8	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-8	-0.11	NA	0.084	NA	0	0	548	0314	945	-30	1015	-7	Flow Controller calibrated at -5
IMP-1	-0.02	NA	38	NA	0	0	556	0340	825	-30	855	-1	
IMP-2	-0.02	NA	47	NA	0	0	NS	NS	NS	NS	NS	NS	
IMP-3	-0.02	NA	54	NA	0	0	358	0110	735	-30	806	-4	Room VOC = 0.117 ppm; 0%LEL/CH4
Roof-Top Fan 1	-1.2	1308	6.9	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 2	-1.0	2020	11.2	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 3	-2.5	1330	0.120	NA	0	0	NS	NS	NS	NS	NS	NS	
Ambient Outdoor Air	NA	NA	0.044	NA	0	0	NS	NS	NS	NS	NS	NS	

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: 2/8/2008

Performed by: PG/PT/DA

PID/Methane Calibration? Yes (yes/no)

Date of last Methane Sensor Filter Replacement: 12/6/2007

Replaced this O&M Visit? No (yes/no)

General Status of SSD System: System on-line

General Status of Methane Monitoring System: On-line; no operational issues

Eng. Cap/Fence Inspection Performed/Notes: No deficiencies in school property fencing, snowcover prevented inspection of cap

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	488	0299	703	-30	733	-4	
Cafeteria	NA	NA	0	0	0	0	387	0331	704	-29	734	-1	
Kitchen Storage Room	NA	NA	0	0	0	0	516	0338	705	-29	735	-2	
Elevator Hallway	NA	NA	0	0	0	0	495	0418	707	-29	737	-1	
Room 145	NA	NA	0	0	0	0	451	0339	708	-29	743	-4	
Room 152	NA	NA	0	0	0	0	524	0257	712	-30	742	-3.5	
Room 118	NA	NA	0	0	0	0	336	0304	714	-30	744	-1	
Room 110	NA	NA	0	0	0	0	241	0333	715	-30+	745	-8	
MP-1	-0.08	NA	0	NA	0	0	425	0180	840	-30	910	-3	
MP-2	-0.07	NA	0	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-3	-0.08	NA	0	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-4	-0.06	NA	22.3	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-5	-0.08	NA	0	NA	0	0	345	0279	858	-30	928	-2	
MP-6	-0.02	NA	5.1	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-7	-0.02	NA	17.5	NA	0	0	NS	NS	NS	NS	NS	NS	
MP-8	-0.08	NA	0	NA	0	0	NS	NS	NS	NS	NS	NS	
IMP-1	-0.01	NA	0	NA	0	0	380	0161	822	-30+	852	-4	
IMP-2	-0.02	NA	0	NA	0	0	383	0334	819	-30+	849	-2	
IMP-3	-0.02	NA	0.033	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 1	-1.0	1350	20.9	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 2	Gauge Broken	1850	105	NA	0	0	NS	NS	NS	NS	NS	NS	
Roof-Top Fan 3	-2.2	1490	1.89	NA	0	0	NS	NS	NS	NS	NS	NS	
Ambient Outdoor Air	NA	NA	0	NA	0	0	477	0303	926	-30	956	-2	Snowing, students walked by smoking

NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

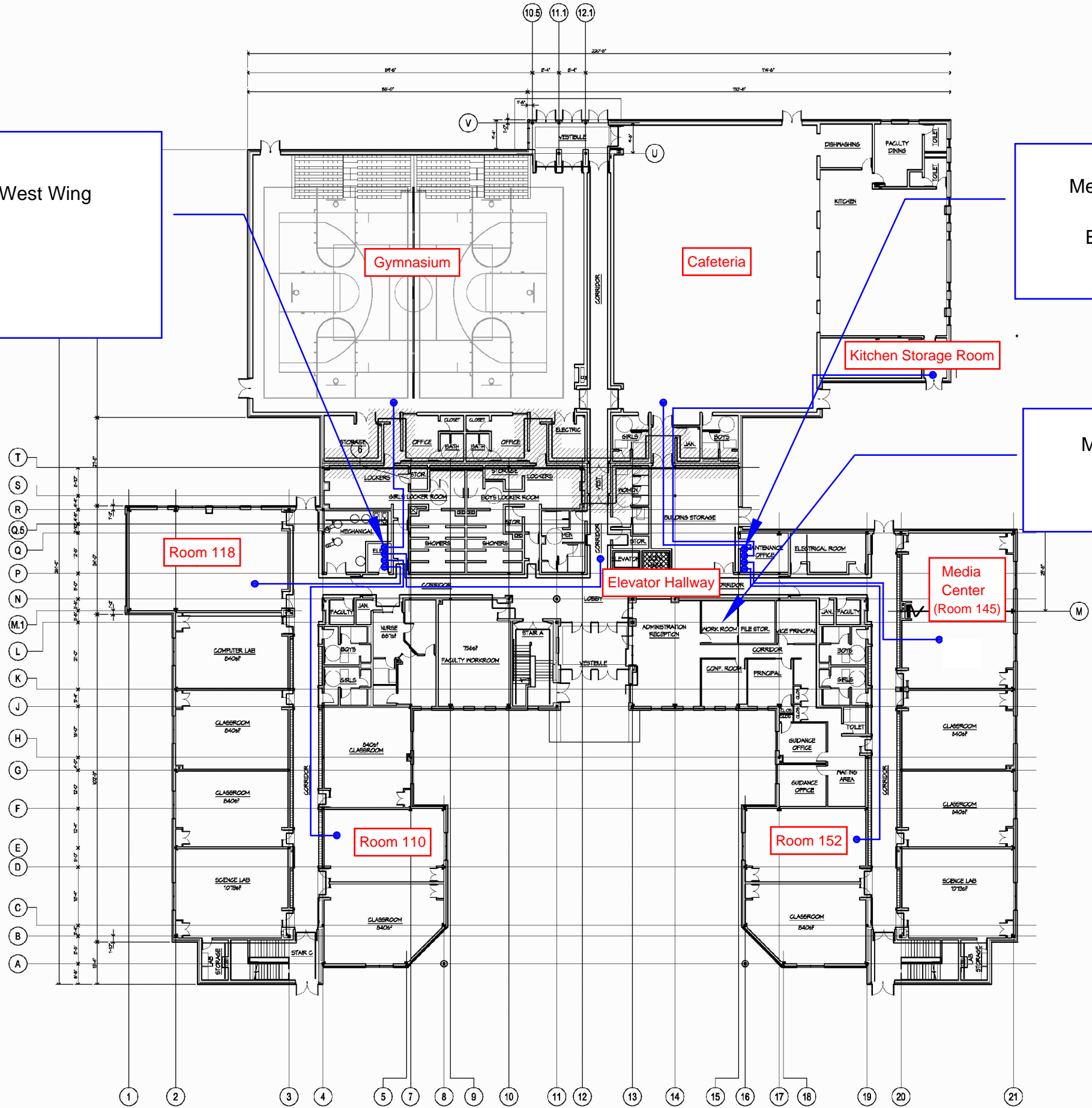
* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.

Appendix B

Indoor Air Monitoring Analytical Summary & Report

Methane Sensor Location in West Wing
Electrical Room Area

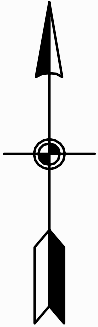
Methane Sensor Location in East Wing
Electrical Room/Maintenance Office Area.



Methane System Controller Location
Administration Work Room

NOTE: NOT TO SCALE

PROJECT NORTH



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

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

QUARTERLY STATUS REPORT
APPENDIX B

**Summary of Indoor & Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - February 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	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual			
1,1,1-Trichloroethane*	15-Mar-07	500	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		U	0.11		0.11		0.11	U			
	26-Apr-07		0.12		0.12		0.19		0.13		0.14		0.12		U	0.12		0.11		0.11	U			
	21-May-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	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	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	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	U	0.12	U	0.11	U	0.11	U			
	20-Sep-07		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	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	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	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	U	0.11	U	0.11	U	0.11	U			
	8-Jan-08		0.16	U	0.14	U	0.11	U	0.12	U	0.12	U	0.12	U	U	0.13	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	U	0.11	U	0.11	U	0.11	U			
	1,1,1,2-Tetrachloroethane		15-Mar-07	0.082 / 0.14	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	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	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	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	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	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	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	U	0.14	U	0.14	U	0.14	U			
20-Sep-07		0.14	U		0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	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	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	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	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	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	U	0.14	U	0.14	U	0.14	U			
1,1,2,2-Tetrachloroethane		15-Mar-07	0.011 / 0.14		0.14	U	0.14	U	0.14	U	53		3.0		0.14	U	0.14	U	0.14	U	0.14	U		
		22-Mar-07			0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	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	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	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	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	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	U	0.14	U	0.14	U	0.14	U			
	20-Sep-07	0.14		U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	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	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	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	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	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	U	0.14	U	0.14	U	0.14	U			
	1,1,2-Trichloroethane	15-Mar-07		2.2	0.11	U	0.11	U	0.11	U	0.27		0.11	U	0.11	U	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	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	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	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	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	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	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	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	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	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	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	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	U	0.11	U	0.11	U	0.11	U			
1,1-Dichloroethane		15-Mar-07	77		0.08	U	0.08	U	0.08	U	0.08	U	0.24		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
		22-Mar-07			0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.24	U	0.36	U	0.08	U	0.08	U	0.08	U
	26-Apr-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U		
	21-May-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U		
	29-Jun-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U		
	30-Jul-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U		
	22-Aug-07	0.08		U	0.08	U	0.08	U	0.08	U	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	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	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	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	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	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	0.08	U		

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
1,1-Dichloroethene	15-Mar-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	0.08	U
	22-Mar-07		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	26-Apr-07		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	21-May-07		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	29-Jun-07		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	30-Jul-07		0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	22-Aug-07		0.08	U	0.08	U	0.08	U	0.08	U	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	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	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	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	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	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	0.08	U
	1,2,4-Trimethylbenzene		15-Mar-07	9.3	7.8		130		300		160		16		22		60		100		0.69	
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		3.6			1.72		3.2		3.06		0.32		0.10		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			
1,2-Dibromoethane (EDB)		15-Mar-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
	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	0.15	U
	26-Apr-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	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	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	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	0.15	U
	22-Aug-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	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	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	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	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	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	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	0.15	U
	1,2-Dichlorobenzene	15-Mar-07		73	0.12	U	0.12	U	0.12	U	0.12	U	0.72	U	0.12	U	0.12	U	0.12	U	0.12	U
22-Mar-07		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	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	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	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	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	0.12	U
22-Aug-07		0.12	U		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	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	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	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	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	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	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	0.12	U
1,2-Dichloroethane		15-Mar-07	0.07 / 0.08		0.08	U	0.08	U	0.08	U	0.16	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	0.08	U
	26-Apr-07	0.10			0.08		0.08		0.10		0.10		0.10		0.12		0.11		0.08		0.08	
	21-May-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	29-Jun-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	30-Jul-07	0.08		U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
	22-Aug-07	0.08		U	0.08	U	0.08	U	0.08	U	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	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	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	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	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	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	0.08	U

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor					
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual			
1,2-Dichloropropane	15-Mar-07	0.13	0.09	U	0.09	U	0.09	U	0.18	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	22-Mar-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	26-Apr-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	21-May-07		0.09	U	0.09	U	0.09	U	0.10	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	29-Jun-07		0.12	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	30-Jul-07		0.10	U	0.10	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	22-Aug-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	20-Sep-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	9-Oct-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	7-Nov-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	6-Dec-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	8-Jan-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	8-Feb-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
	8-Feb-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U		
1,3,5-Trimethylbenzene	15-Mar-07	9.3	4.5		50		130		64		7.3		12		28		42		0.25		0.10	U		
	22-Mar-07		4.37		6.98		8.89		0.79		8.84		1.08		8.69		1.96		0.10	U	0.10	U		
	26-Apr-07		3.83		4.99		1.52		5.61		8.26		0.34		14		4.28		0.10	U	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	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	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	0.10	U		
	22-Aug-07		2.14		0.88		1.45		1.58		0.17		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		
	20-Sep-07		2.5		0.55		7.67		0.21		0.10		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		
	9-Oct-07		0.83		0.50		2.12		0.97		0.55		0.71		0.41		0.50		0.10	U	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	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	0.10	U		
	8-Jan-08		0.30		0.28		1.38		1.70		0.26		0.19		0.29		0.35		0.38		0.10	U		
	8-Feb-08		0.46		0.45		1.30		0.98		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		
	8-Feb-08		0.46		0.45		1.30		0.98		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		
1,3-Dichlorobenzene	15-Mar-07	73	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	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	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	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	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	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	0.12	U		
	22-Aug-07		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	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	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	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	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	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	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	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	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	0.12	U				
1,4-Dichlorobenzene	15-Mar-07	24	0.12		0.12	U	0.12	U	0.24		0.3		0.18		0.12		0.24		0.12		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	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	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	0.12	U		
	29-Jun-07		0.36		0.31		0.29		0.29		0.28		0.26		0.20		0.25		0.34		0.19		0.19	U
	30-Jul-07		2.2		0.45		0.55		0.87		1.1		0.87		1.1		1.9		1.2		0.34		0.34	U
	22-Aug-07		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	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	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		0.15		0.15	U
	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	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	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		0.12		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	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	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	0.12	U	0.12	U		
Benzene	15-Mar-07	3.3	1.1		0.83		0.8		0.8		0.73		1.0		0.86		0.89		0.61		0.61	U		
	22-Mar-07		0.48		0.57		0.67		0.734		0.45		0.54		0.89		0.64		0.57		0.57	U		
	26-Apr-07		0.69		0.52		0.37		0.5		0.82		0.44		0.72		0.84		0.39		0.39	U		
	21-May-07		0.43		0.39		0.35		0.38		0.30		0.47		0.43		0.46		0.25		0.25		0.25	U
	29-Jun-07		0.35		0.33		0.32		0.37		0.39		0.32		0.31		0.33		0.28		0.28		0.28	U
	30-Jul-07		0.7		0.71		0.67		0.72		0.72		0.51		0.53									

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIEM-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	
Dichlorodifluoromethane	15-Mar-07	91	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		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	
	Ethylbenzene		15-Mar-07	53	180		200		260		160		28		200		160		190	
22-Mar-07		9.59			11.6		93.5		0.911		1.17		1.43		10.6		2.99		0.65	
26-Apr-07		6.21			14.9		3.27		4.07		3.85		0.4		3.24		3.47		0.15	
21-May-07		2.16			2.43		4.34		3.03		0.75		2.01		1.2		0.95		0.14	
29-Jun-07		3.7			3.2		4.5		1.6		0.52		0.21		0.24		0.46		0.18	
30-Jul-07		2.0			1.7		3.3		1.2		0.92		0.4		0.41		0.52		0.24	
22-Aug-07		0.47			0.41		1.19		0.80		0.13		0.09	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	
Methylene chloride		15-Mar-07	3.0		18		16		14		2.8	U	5.2		6.0		2.8	U	5.6	
	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	2.8	U	2.8	U	2.8	U	6.6	
	22-Aug-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
	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
	Methyl tert butyl ether (MTBE)	15-Mar-07		160	0.07	U	0.07	U	0.07	U	0.14		7.1		0.07	U	0.14		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	U	0.07	U	0.07	U	0.07	U	0.07	U
30-Jul-07		0.12			0.11		0.15		0.11		0.09		0.19		0.08		0.09		0.22	
22-Aug-07		0.07	U		0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U
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
p/m-Xylene		15-Mar-07	220		340		580		770		340		94		520		410		450	
	22-Mar-07	14.3			37.5		333		3.69		5.64		7.59		36		14		1.65	
	26-Apr-07	20.3			28.2		9.96		13		14		1.23		10.8		11.7		0.40	
	21-May-07	6.7			7.55		12.3		8.52		1.95		4.27		2.55		2.15		0.27	
	29-Jun-07	13			11		16		5.4		1.8		0.61		0.68		1.4		0.49	
	30-Jul-07	5.60			4.6		9.5		3.3		2.4		0.66		0.80		1.1		0.41	
	22-Aug-07	1.57			1.3		5.32		3.14		0.36		0.17	U	0.36		0.29		0.17	U
	20-Sep-07	1.09			1.12		31.4		0.71		0.69		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	

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor		
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
o-Xylene	15-Mar-07	220	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		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		
	6-Dec-07		0.19		0.20		0.72		0.40		0.15		0.17		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		
	Styrene		15-Mar-07	52	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		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			0.09		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
Tetrachlorethene*		15-Mar-07	5		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			0.79		0.73		0.70		0.49		0.59		0.68		0.68		0.36		U
	22-Aug-07	0.14			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		U	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	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	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	0.14	U	0.35
Toluene	15-Mar-07	210	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		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		
	trans-1,2-Dichloroethene*		15-Mar-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
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		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	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	

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
trans-1,3-Dichloropropene	15-Mar-07	None	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Mar-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	26-Apr-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	21-May-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	29-Jun-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	30-Jul-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	22-Aug-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	20-Sep-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	9-Oct-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	7-Nov-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	6-Dec-07		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	8-Jan-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	8-Feb-08		0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U
	Trichloroethene*		15-Mar-07	1.0	0.18		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		U	
29-Jun-07		0.2			0.11	U	0.11	U	0.12		0.11		0.12		0.14		0.11	U	0.23		U	
30-Jul-07		0.4			0.42		0.40		0.41		1.0		0.14		0.23		0.35		0.21		U	
22-Aug-07		0.11	U		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	U	
20-Sep-07		0.11	U		0.11	U	0.13	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	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	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	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	U	
8-Jan-08		0.19			0.14		0.13		0.14		0.15		0.16		0.16		0.20		0.52		U	
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	U	
Trichlorofluoromethane		15-Mar-07	370		1.5		2.2		2.4		2.0		2.1		3.3		2.0		2.0		1.2	
		22-Mar-07			1.57		1.7		1.8		1.8		1.52		1.8		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		1.2		1.2		1.2		1.2		1.2		U	
	30-Jul-07	1.4			1.6		1.5		1.4		1.5		2.0		1.8		1.6		2.1		U	
	22-Aug-07	1.48			1.48		1.52		1.49		1.48		1.43		1.44		1.48		1.35		U	
	20-Sep-07	1.33			1.33		1.44		1.33		1.31		1.12		1.13		1.31		1.11		U	
	9-Oct-07	1.41			1.41		1.44		1.28		1.45		1.47		1.45		1.46		1.64		U	
	7-Nov-07	2.03			2.01		1.67		1.57		1.66		1.63		1.69		1.64		1.61		U	
	6-Dec-07	1.65			1.63		1.37		1.40		1.36		1.34		1.33		1.36		1.38		U	
	8-Jan-08	2.12			1.57		1.56		1.70		1.61		1.57		1.52		1.72		1.48		U	
	8-Feb-08	1.14			1.02		1.11		1.01		0.99		1.05		1.04		1.02		1.08		U	
	Vinyl chloride*	15-Mar-07		0.14	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
		22-Mar-07			0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
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	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		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		
Acrylonitrile		15-Mar-07	None		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
		22-Mar-07			1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
	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	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		

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor			
			Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
n-Butylbenzene	15-Mar-07	73	2.7	U	14		2.7	U	23		2.7	U	2.7	U	2.7	U	7.2		2.7	U		
	22-Mar-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	26-Apr-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	21-May-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	29-Jun-07		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
	30-Jul-07		2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
	22-Aug-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	20-Sep-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	9-Oct-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	7-Nov-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	6-Dec-07		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	8-Jan-08		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	8-Feb-08		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
	sec-Butylbenzene		15-Mar-07	73	2.5	U	6.6		20		9.2		2.5	U	2.5	U	2.5	U	5.4		2.5	U
22-Mar-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
26-Apr-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
21-May-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
29-Jun-07		2.5	U		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
30-Jul-07		2.5	U		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
22-Aug-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
20-Sep-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
9-Oct-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
7-Nov-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
6-Dec-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Jan-08		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Feb-08		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
Isopropylbenzene		15-Mar-07	120		2.46	U	15		34		15		2.5	U	5.1		6.8		10		2.5	U
	22-Mar-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	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	2.46	U
	21-May-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	29-Jun-07	2.5		U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
	30-Jul-07	2.5		U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
	22-Aug-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	20-Sep-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	9-Oct-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	7-Nov-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	6-Dec-07	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	8-Jan-08	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	8-Feb-08	2.46		U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U	2.46	U
	p-Isopropyltoluene	15-Mar-07		67	2.7	U	13		37		17		2.7	U	2.7	U	6.2		11		2.7	U
22-Mar-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
26-Apr-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
21-May-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
29-Jun-07		0.22	U		0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
30-Jul-07		2.7	U		2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
22-Aug-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
20-Sep-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
9-Oct-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
7-Nov-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
6-Dec-07		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Jan-08		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
8-Feb-08		2.74	U		2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U	2.74	U
Acetone		15-Mar-07	180		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		19.3		27.2		11.3		25.7		28.2		8.69		13			
	29-Jun-07	21			15		14		18		10		72		12		13		13			
	30-Jul-07	22			18		21		20		23		16		16		20		18			
	22-Aug-07	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		11.5		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		

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor				
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
2-Butanone	15-Mar-07	500	92		21		22		16		12		210		22		23		1.5		U		
	22-Mar-07		29		11.7		7.81		1.47		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		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	
	20-Sep-07		1.58		2.71		8.57		2.18		1.47	U	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	U	1.47	U	1.47	U	1.48		1.47		U		
	7-Nov-07		1.81		1.47	U	2.25		1.80		2.76		2.44		2.36		2.40		1.47		U		
	6-Dec-07		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.92	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	1.47	U	1.47	U	
	8-Feb-08		1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	
	4-Methyl-2-pentanone		15-Mar-07	37	7.6		3.2		5.1		4.2		2.9		3.8		6.5		6.4		2.0		U
			22-Mar-07		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	5.57		2.05		U
26-Apr-07		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	4.87		2.05		U		
21-May-07		6.18			4.47		2.05	U	4.32		2.05	U	5.48		4.16		7.01		2.05		U		
29-Jun-07		2.0	U		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	
30-Jul-07		2.0	U		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	
22-Aug-07		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	
20-Sep-07		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	
9-Oct-07		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	
7-Nov-07		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	
6-Dec-07		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	
8-Jan-08		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	
8-Feb-08		2.05	U		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	

Notes:

All data presented in micrograms per cubic meter (ug/m3).

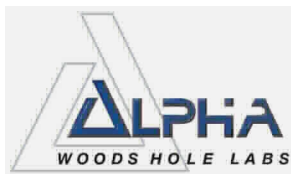
U: designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.

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.

†: Elevated Data is a result of inadvertent cross-contamination at the laboratory, and not resultant from soil vapor intrusion. Media Center/Room 145 was resampled on 28 January 2008 with Tetrachloroethylene concentration not detected by the laboratory (MDL = 0.14 ug/m³).



ANALYTICAL REPORT

Lab Number: L0718149

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

ATTN: Peter Grivers

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Report Date: 12/19/07

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

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Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

Alpha Sample ID	Client ID	Sample Location
L0718149-01	GYM	PROVIDENCE, RI
L0718149-02	CAFETERIA	PROVIDENCE, RI
L0718149-03	KITCHEN STORAGE	PROVIDENCE, RI
L0718149-04	ELEV. HALLWAY	PROVIDENCE, RI
L0718149-05	ROOM 145	PROVIDENCE, RI
L0718149-06	ROOM 152	PROVIDENCE, RI
L0718149-07	ROOM 118	PROVIDENCE, RI
L0718149-08	ROOM 110	PROVIDENCE, RI
L0718149-09	AMBIENT OUTDOOR	PROVIDENCE, RI
L0718149-10	IMP-2	PROVIDENCE, RI
L0718149-11	IMP-3	PROVIDENCE, RI
L0718149-12	MP-7	PROVIDENCE, RI
L0718149-13	MP-3	PROVIDENCE, RI

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

TO15-SIM

L0718149-10 through -13 were re-analyzed due to over dilution of the original analyses. The results of the re-analyses are reported.

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: 12/19/07

AIR

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-01
 Client ID: GYM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 16:17
 Analyst: HM

Date Collected: 12/06/07 07:37
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.307	0.020	1.51	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.150	0.020	0.739	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.213	0.200	0.680	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.498	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-01

Date Collected: 12/06/07 07:37

Client ID: GYM

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.502	0.050	2.48	0.247		1
Ethylbenzene	0.144	0.020	0.626	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	0.476	0.040	2.07	0.174		1
o-Xylene	0.166	0.020	0.722	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.247	0.020	0.930	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	0.244	0.050	1.37	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 16:54
 Analyst: HM

Date Collected: 12/06/07 07:36
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.136	0.020	0.670	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.071	0.020	0.349	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.257	0.200	0.820	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.080	0.020	0.504	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.086	0.020	0.419	0.098		1
Chloromethane	0.569	0.500	2.78	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-02

Date Collected: 12/06/07 07:36

Client ID: CAFETERIA

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.539	0.050	2.66	0.247		1
Ethylbenzene	0.042	0.020	0.181	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	0.124	0.040	0.540	0.174		1
o-Xylene	0.047	0.020	0.204	0.087		1
Styrene	0.024	0.020	0.100	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.236	0.020	0.890	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	0.290	0.050	1.63	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	23.9	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-03
 Client ID: KITCHEN STORAGE
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 17:31
 Analyst: HM

Date Collected: 12/06/07 07:35
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.116	0.020	0.568	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.061	0.020	0.298	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.231	0.200	0.738	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.081	0.020	0.507	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	0.506	0.500	2.47	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-03

Date Collected: 12/06/07 07:35

Client ID: KITCHEN STORAGE

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.547	0.050	2.70	0.247		1
Ethylbenzene	0.039	0.020	0.167	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	0.111	0.040	0.482	0.174		1
o-Xylene	0.044	0.020	0.193	0.087		1
Styrene	0.057	0.020	0.243	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.229	0.020	0.862	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	0.293	0.050	1.65	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	7.90	2.00	18.8	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: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-04
 Client ID: ELEV. HALLWAY
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 18:08
 Analyst: HM

Date Collected: 12/06/07 07:45
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.338	0.020	1.66	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.174	0.020	0.853	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.223	0.200	0.711	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.075	0.020	0.473	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.033	0.020	0.163	0.098		1
Chloromethane	0.710	0.500	3.46	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-04

Date Collected: 12/06/07 07:45

Client ID: ELEV. HALLWAY

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.498	0.050	2.46	0.247		1
Ethylbenzene	0.076	0.020	0.330	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	0.242	0.040	1.05	0.174		1
o-Xylene	0.092	0.020	0.398	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.236	0.020	0.888	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	0.249	0.050	1.40	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.08	2.00	4.95	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 18:47
 Analyst: HM

Date Collected: 12/06/07 07:46
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.074	0.020	0.362	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.030	0.020	0.145	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.226	0.200	0.723	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.078	0.020	0.487	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	0.516	0.500	2.52	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-05

Date Collected: 12/06/07 07:46

Client ID: ROOM 145

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.488	0.050	2.41	0.247		1
Ethylbenzene	0.037	0.020	0.159	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	0.094	0.040	0.410	0.174		1
o-Xylene	0.039	0.020	0.167	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.192	0.020	0.725	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	0.237	0.050	1.33	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 19:24
 Analyst: HM

Date Collected: 12/06/07 07:47
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.080	0.020	0.394	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.037	0.020	0.181	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.214	0.200	0.683	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.497	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	0.544	0.500	2.66	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-06

Date Collected: 12/06/07 07:47

Client ID: ROOM 152

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.504	0.050	2.49	0.247		1
Ethylbenzene	0.034	0.020	0.149	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	0.101	0.040	0.438	0.174		1
o-Xylene	0.039	0.020	0.167	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.191	0.020	0.718	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	0.243	0.050	1.36	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	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: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

SAMPLE RESULTS

Lab ID: L0718149-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 20:01
 Analyst: HM

Date Collected: 12/06/07 07:52
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.037	0.020	0.181	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.212	0.200	0.678	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.497	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-07

Date Collected: 12/06/07 07:52

Client ID: ROOM 118

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.506	0.050	2.50	0.247		1
Ethylbenzene	0.035	0.020	0.152	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	0.089	0.040	0.384	0.174		1
o-Xylene	0.035	0.020	0.153	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.212	0.020	0.797	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	0.242	0.050	1.36	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	5.05	2.00	12.0	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: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 20:38
 Analyst: HM

Date Collected: 12/06/07 07:53
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.036	0.020	0.177	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.202	0.200	0.645	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.075	0.020	0.469	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-08

Date Collected: 12/06/07 07:53

Client ID: ROOM 110

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.499	0.050	2.46	0.247		1
Ethylbenzene	0.052	0.020	0.225	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	0.100	0.040	0.436	0.174		1
o-Xylene	0.037	0.020	0.161	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.183	0.020	0.688	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	0.240	0.050	1.34	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.72	2.00	13.6	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-09
 Client ID: AMBIENT OUTDOOR
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 21:15
 Analyst: HM

Date Collected: 12/06/07 00:00
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.022	0.020	0.108	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.080	0.020	0.502	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-09

Date Collected: 12/06/07 00:00

Client ID: AMBIENT OUTDOOR

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.516	0.050	2.55	0.247		1
Ethylbenzene	0.027	0.020	0.115	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	0.067	0.040	0.289	0.174		1
o-Xylene	0.024	0.020	0.105	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.206	0.020	0.774	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	0.245	0.050	1.38	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	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-10 R
 Client ID: IMP-2
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 21:53
 Analyst: HM

Date Collected: 12/06/07 08:08
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.063	0.020	0.342	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	0.530	0.020	2.60	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.144	0.020	0.710	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	6.75	0.020	40.5	0.120		1
Benzene	ND	0.200	ND	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.498	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.029	0.020	0.143	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-10 R

Date Collected: 12/06/07 08:08

Client ID: IMP-2

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.474	0.050	2.34	0.247		1
Ethylbenzene	0.202	0.020	0.877	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	0.686	0.040	2.98	0.174		1
o-Xylene	0.255	0.020	1.10	0.087		1
Styrene	0.181	0.020	0.770	0.085		1
Tetrachloroethene	0.296	0.020	2.00	0.136		1
Toluene	5.58	0.020	21.0	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	1.53	0.020	8.20	0.107		1
Trichlorofluoromethane	2.52	0.050	14.1	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	4.77	2.00	11.3	4.75		1
2-Butanone	11.4	0.500	33.4	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-11 R
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 22:30
 Analyst: HM

Date Collected: 12/06/07 08:13
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.172	0.020	0.939	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	0.460	0.020	2.26	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.123	0.020	0.605	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	6.36	0.020	38.2	0.120		1
Benzene	ND	0.200	ND	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.498	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



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-11 R

Date Collected: 12/06/07 08:13

Client ID: IMP-3

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.482	0.050	2.38	0.247		1
Ethylbenzene	0.155	0.020	0.674	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	0.518	0.040	2.25	0.174		1
o-Xylene	0.196	0.020	0.850	0.087		1
Styrene	0.175	0.020	0.746	0.085		1
Tetrachloroethene	1.58	0.020	10.7	0.136		1
Toluene	6.73	0.020	25.3	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	5.44	0.020	29.2	0.107		1
Trichlorofluoromethane	4.29	0.050	24.1	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	4.25	2.00	10.1	4.75		1
2-Butanone	7.78	0.500	22.9	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-12 R
 Client ID: MP-7
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 23:07
 Analyst: HM

Date Collected: 12/06/07 11:00
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.071	0.020	0.349	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.20	0.020	7.22	0.120		1
Benzene	0.203	0.070	0.649	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.077	0.020	0.482	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-12 R

Date Collected: 12/06/07 11:00

Client ID: MP-7

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.498	0.050	2.46	0.247		1
Ethylbenzene	0.037	0.020	0.160	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	0.103	0.040	0.447	0.174		1
o-Xylene	0.037	0.020	0.162	0.087		1
Styrene	0.027	0.020	0.115	0.085		1
Tetrachloroethene	0.053	0.020	0.356	0.136		1
Toluene	0.239	0.020	0.901	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	0.024	0.020	0.131	0.107		1
Trichlorofluoromethane	0.245	0.050	1.37	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.92	2.00	14.0	4.75		1
2-Butanone	12.5	0.500	36.9	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-13 R
 Client ID: MP-3
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 23:44
 Analyst: HM

Date Collected: 12/06/07 11:45
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.070	0.020	0.345	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.038	0.020	0.186	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.756	0.020	4.54	0.120		1
Benzene	0.141	0.070	0.450	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.448	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.043	0.020	0.112	0.053		1
Chloroform	0.045	0.020	0.220	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-13 R

Date Collected: 12/06/07 11:45

Client ID: MP-3

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.635	0.050	3.14	0.247		1
Ethylbenzene	0.028	0.020	0.123	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	0.082	0.040	0.357	0.174		1
o-Xylene	0.032	0.020	0.138	0.087		1
Styrene	0.024	0.020	0.101	0.085		1
Tetrachloroethene	0.058	0.020	0.392	0.136		1
Toluene	0.161	0.020	0.607	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.031	0.020	0.165	0.107		1
Trichlorofluoromethane	0.373	0.050	2.10	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	10.6	2.00	25.2	4.75		1
2-Butanone	16.8	0.500	49.4	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 12/17/07 12:20

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-13 Batch: WG306032-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 12/17/07 12:20

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-13 Batch: WG306032-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 Batch: WG306032-2					
1,1,1-Trichloroethane	101	-	70-130	-	
1,1,1,2-Tetrachloroethane	105	-	70-130	-	
1,1,2,2-Tetrachloroethane	116	-	70-130	-	
1,1,2-Trichloroethane	96	-	70-130	-	
1,1-Dichloroethane	99	-	70-130	-	
1,1-Dichloroethene	105	-	70-130	-	
1,2,4-Trimethylbenzene	114	-	70-130	-	
1,2-Dibromoethane	111	-	70-130	-	
1,2-Dichlorobenzene	114	-	70-130	-	
1,2-Dichloroethane	90	-	70-130	-	
1,2-Dichloropropane	91	-	70-130	-	
1,3,5-Trimethylbenzene	110	-	70-130	-	
1,3-Butadiene	109	-	70-130	-	
1,3-Dichlorobenzene	111	-	70-130	-	
1,4-Dichlorobenzene	111	-	70-130	-	
Benzene	98	-	70-130	-	
Bromodichloromethane	94	-	70-130	-	
Bromoform	88	-	70-130	-	
Bromomethane	113	-	70-130	-	
Carbon tetrachloride	102	-	70-130	-	
Chlorobenzene	110	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 Batch: WG306032-2					
Chloroethane	111	-	70-130	-	
Chloroform	103	-	70-130	-	
Chloromethane	98	-	70-130	-	
cis-1,2-Dichloroethene	98	-	70-130	-	
cis-1,3-Dichloropropene	92	-	70-130	-	
Dibromochloromethane	102	-	70-130	-	
Dichlorodifluoromethane	107	-	70-130	-	
Ethylbenzene	104	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	111	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	115	-	70-130	-	
Methylene chloride	96	-	70-130	-	
Methyl tert butyl ether	103	-	70-130	-	
Naphthalene	141	-	70-130	-	
p/m-Xylene	105	-	70-130	-	
o-Xylene	104	-	70-130	-	
Styrene	114	-	70-130	-	
Tetrachloroethene	119	-	70-130	-	
Toluene	100	-	70-130	-	
trans-1,2-Dichloroethene	98	-	70-130	-	
trans-1,3-Dichloropropene	85	-	70-130	-	
Trichloroethene	103	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 Batch: WG306032-2					
1,2,4-Trichlorobenzene	144	-	70-130	-	
Trichlorofluoromethane	111	-	70-130	-	
Vinyl chloride	110	-	70-130	-	
Acrylonitrile	105	-	70-130	-	
n-Butylbenzene	122	-	70-130	-	
sec-Butylbenzene	113	-	70-130	-	
Isopropylbenzene	109	-	70-130	-	
p-Isopropyltoluene	107	-	70-130	-	
Acetone	102	-	70-130	-	
2-Butanone	114	-	70-130	-	
4-Methyl-2-pentanone	106	-	70-130	-	
Halothane	54	-	70-130	-	
1,2,3-Trichlorobenzene	146	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0718149

Report Date: 12/19/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG306032-4 QC Sample: L0718149-13 Client ID: MP-3					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.070	0.071	ppbV	1	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.038	0.038	ppbV	0	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.756	0.752	ppbV	1	25
Benzene	0.141	0.154	ppbV	9	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.071	0.073	ppbV	3	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0718149

Report Date: 12/19/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG306032-4 QC Sample: L0718149-13 Client ID: MP-3					
Chloroethane	0.043	0.042	ppbV	2	25
Chloroform	0.045	0.046	ppbV	2	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	0.635	0.609	ppbV	4	25
Ethylbenzene	0.028	0.028	ppbV	0	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.082	0.084	ppbV	2	25
o-Xylene	0.032	0.032	ppbV	2	25
Styrene	0.024	0.023	ppbV	3	25
Tetrachloroethene	0.058	0.061	ppbV	4	25
Toluene	0.161	0.166	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.031	0.033	ppbV	7	25
Trichlorofluoromethane	0.373	0.358	ppbV	4	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0718149

Report Date: 12/19/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG306032-4 QC Sample: L0718149-13 Client ID: MP-3					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
Acetone	10.6	10.6	ppbV	0	25
2-Butanone	16.8	18.5	ppbV	10	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0718149-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-10A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-11A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-12A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-13A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

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.





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **EA Engineering, Sci, Tech**
 Address: **2350 Post Rd.**
Warwick RI 02886

Phone: **401-736-3440**

Fax: **401-736-3423**

Email: **prgrivers@equest.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project Information

Project Name: **Abelide H.S.**

Project Location: **Providence, RI**

Project #: **6196501.1005**

Project Manager: **Peter Grivers**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

5 DAYS

TO-13: 10 DAYS

Date Due:

Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX

ADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

EMAIL (standard pdf report)

Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: **20718149**

Billing Information

Same as Client info

PO #: **4239**

Regulatory Requirements/Report Limits

State/Fed Program Criteria

CT Draft Proposed Res Target Air Compounds

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

Sample Comments (i.e. PID)

PID = ND

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	ANALYSIS	Sample Comments (i.e. PID)	
		Date	Start Time							End Time
20718149-1	Gym	12-6-07	0767	0737	A	NA/PT	194	0331	X	
2	Cafeteria		0706	0736			152	0364		
3	Kitchen Storage		0705	0735			489	0339		
4	Elev. Hallway		0715	0745			216	0152		
5	Room 145		0716	0746			446	0337		
6	Room 152		0717	0747			214	0336		
7	Room 118		0722	0752			1066	0338		
8	Room 110		0723	0753			219	0149		
9	Ambient Outdoor						221	0299		

Shaded Gray Areas For Lab Use Only

Relinquished By:

Paul Thayer

Date/Time

12/6/07 1600

Received By:

[Signature]

Date/Time:

12/6/07 1600

Container Type

CS

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



CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **EA Engineering, Sci., & Tech**

Address: **2350 Asst Rd**

Warwick, RI 02886

Phone: **401-736-3440**

Fax: **401-736-3423**

Email: **prgrivers@east.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project Information

Project Name: **Adelaide H.S.**

Project Location: **Providence RI**

Project #: **6196501.1005**

Project Manager: **Peter Grivers**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

5 DAYS TO-13: 10 DAYS

Date Due: Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX
 ADEX

Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)

Other Formats:

EMAIL (standard pdf report)

Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: **L0718149**

Billing Information

Same as Client Info PO #: **4239**

Regulatory Requirements/Report Limits

State/Fed Program Criteria

CT Data Reported As Target

As Compounds

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	ANALYSIS						Sample Comments (i.e. PID)			
		Date	Start Time					End Time	TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES		FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS
L0718149-10	IMP-2	12-6-07	0738	0808	SV	DA/PT	487	0308									PID 5.96 ppm
-11	IMP-3		0750	0815			252	0636									PID 62.5 ppm
-12	MP-7		1030	1100			512	0326									PID 0.048 ppm
-13	MP-3		1115	1145			210	0158									PID 0.076 ppm

Shaded Gray Areas For Lab Use Only

Container Type: **CS**

Relinquished By:

Paul Thayer

Date/Time:

12/6/07 16:00

Received By:

[Signature]

Date/Time:

12/6/07 16:00

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

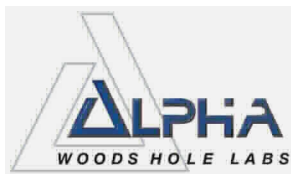
Air Canister Query													
Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0086	RECEIVED	38859	L0718149-11	05-DEC-2007	05-DEC-2007				78	82	5		07-DEC-2007
0149	RECEIVED	38859	L0718149-08	05-DEC-2007	05-DEC-2007				76	79	4		07-DEC-2007
0152	RECEIVED	38859	L0718149-04	05-DEC-2007	05-DEC-2007				81	82	1		07-DEC-2007
0158	RECEIVED	38859	L0718149-13	05-DEC-2007	05-DEC-2007				81	84	4		07-DEC-2007
0299	RECEIVED	38859	L0718149-09	05-DEC-2007	05-DEC-2007				79	81	3		07-DEC-2007
0304	RECEIVED	38859	L0718149-02	05-DEC-2007	05-DEC-2007				78	80	3		07-DEC-2007
0308	RECEIVED	38859	L0718149-10	05-DEC-2007	05-DEC-2007				77	79	3		07-DEC-2007
0326	RECEIVED	38859	L0718149-12	05-DEC-2007	05-DEC-2007				81	83	2		07-DEC-2007
0331	RECEIVED	38859	L0718149-01	05-DEC-2007	05-DEC-2007				78	82	5		07-DEC-2007
0336	RECEIVED	38859	L0718149-06	05-DEC-2007	05-DEC-2007				78	83	8		07-DEC-2007
0337	RECEIVED	38859	L0718149-05	05-DEC-2007	05-DEC-2007				79	81	3		07-DEC-2007
0338	RECEIVED	38859	L0718149-07	05-DEC-2007	05-DEC-2007				78	80	3		07-DEC-2007
0339	RECEIVED	38859	L0718149-03	05-DEC-2007	05-DEC-2007				76	78	3		07-DEC-2007
1066	RECEIVED	38859	L0718149-07	05-DEC-2007		L0717333	-30.0	-0.1					07-DEC-2007
152	RECEIVED	38859	L0718149-02	05-DEC-2007		L0717333	-30.0	-1.5					07-DEC-2007
194	RECEIVED	38859	L0718149-01	05-DEC-2007		L0717333	-30.0	-1.3					07-DEC-2007

Double Click Aircan ID to see its audit trail

Air Canister Query													
Aircan Id	Container Status	Bottle Order	Samplenum	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0338	RECEIVED	38859	L0718149-07	05-DEC-2007	05-DEC-2007				78	80	3		07-DEC-2007
0338	RECEIVED	38859	L0718149-03	05-DEC-2007	05-DEC-2007				76	78	3		07-DEC-2007
1086	RECEIVED	38859	L0718149-07	05-DEC-2007		L0717333	-30.0	-0.1					07-DEC-2007
152	RECEIVED	38859	L0718149-02	05-DEC-2007		L0717333	-30.0	-1.5					07-DEC-2007
184	RECEIVED	38859	L0718149-01	05-DEC-2007		L0717333	-30.0	-1.3					07-DEC-2007
210	RECEIVED	38859	L0718149-13	05-DEC-2007		L0717333	-30.0	-4.5					07-DEC-2007
214	RECEIVED	38859	L0718149-06	05-DEC-2007		L0717333	-30.0	-1.6					07-DEC-2007
216	RECEIVED	38859	L0718149-04	05-DEC-2007		L0717333	-30.0	-3.3					07-DEC-2007
219	RECEIVED	38859	L0718149-08	05-DEC-2007		L0717333	-30.0	-4.7					07-DEC-2007
221	RECEIVED	38859	L0718149-09	05-DEC-2007		L0717333	-30.0	-0.5					07-DEC-2007
252	RECEIVED	38859	L0718149-11	05-DEC-2007		L0717333	-30.0	0.0					07-DEC-2007
448	RECEIVED	38859	L0718149-05	05-DEC-2007		L0717333	-30.0	-1.9					07-DEC-2007
487	RECEIVED	38859	L0718149-10	05-DEC-2007		L0717333	-30.0	-9.9					07-DEC-2007
489	RECEIVED	38859	L0718149-03	05-DEC-2007		L0717333	-30.0	-4.9					07-DEC-2007
512	RECEIVED	38859	L0718149-12	05-DEC-2007		L0717333	-30.0	-1.0					07-DEC-2007

Double Click Aircan ID to see its audit trail

Query Save Exit



ANALYTICAL REPORT

Lab Number: L0800291

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

ATTN: Peter Grivers

Project Name: GORHAM SCHOOL

Project Number: 6196501

Report Date: 01/22/08

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

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



Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

Alpha Sample ID	Client ID	Sample Location
L0800291-01	GYM	PROVIDENCE, RI
L0800291-02	CAFETERIA	PROVIDENCE, RI
L0800291-03	KITCHEN STORAGE ROOM	PROVIDENCE, RI
L0800291-04	ELEVATOR HALLWAY	PROVIDENCE, RI
L0800291-05	ROOM 145	PROVIDENCE, RI
L0800291-06	ROOM 152	PROVIDENCE, RI
L0800291-07	ROOM 118	PROVIDENCE, RI
L0800291-08	ROOM 110	PROVIDENCE, RI
L0800291-09	MP-4	PROVIDENCE, RI
L0800291-10	MP-8	PROVIDENCE, RI
L0800291-11	IMP-1	PROVIDENCE, RI
L0800291-12	IMP-3	PROVIDENCE, RI
L0800291-13	AMBIENT OUTDOOR AIR	PROVIDENCE, RI

Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Volatile Organics in Air by TO-15 SIM

L0800291-09 and -10 required re-analysis on dilution in order to quantitate the samples within the range of the calibration. 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 range of the calibration.

L0800291-10 was re-analyzed in order to obtain lower reporting limits.

L0800291-11, -12, and -13 were re-analyzed due to over dilution of the original analyses. The results of the re-analyses are reported.

The WG308843-2 LCS % recovery for Acrylonitrile is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

The WG308843-9 LCS % recoveries for 1,2 Dichloropropane, Cis-1,3-Dichloropropene, Toluene, and Trans-1,3-Dichloropropene are outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

The WG308843-12 LCS % recovery for Toluene is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 01/22/08

AIR

Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-01
 Client ID: GYM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 12:58
 Analyst: HM

Date Collected: 01/08/08 07:37
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.610	0.020	3.00	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.280	0.020	1.38	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.047	0.020	0.279	0.120		1
Benzene	0.496	0.200	1.58	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.564	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.125	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-01

Date Collected: 01/08/08 07:37

Client ID: GYM

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.523	0.050	2.59	0.247		1
Ethylbenzene	0.300	0.020	1.30	0.087		1
Methylene chloride	0.859	0.800	2.98	1.74		1
Methyl tert butyl ether	0.033	0.020	0.119	0.072		1
p/m-Xylene	1.00	0.040	4.35	0.174		1
o-Xylene	0.365	0.020	1.58	0.087		1
Styrene	0.031	0.020	0.133	0.085		1
Tetrachloroethene	0.214	0.020	1.45	0.136		1
Toluene	0.849	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	0.024	0.020	0.129	0.107		1
Trichlorofluoromethane	0.277	0.050	1.56	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.90	2.00	6.88	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 13:35
 Analyst: HM

Date Collected: 01/08/08 07:35
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.025	0.020	0.138	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.188	0.020	0.922	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.058	0.020	0.283	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.072	0.020	0.431	0.120		1
Benzene	0.505	0.200	1.61	0.638		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	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.128	0.098		1
Chloromethane	0.508	0.500	2.48	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-02

Date Collected: 01/08/08 07:35

Client ID: CAFETERIA

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.563	0.050	2.78	0.247		1
Ethylbenzene	0.158	0.020	0.686	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	0.448	0.040	1.94	0.174		1
o-Xylene	0.175	0.020	0.760	0.087		1
Styrene	0.022	0.020	0.094	0.085		1
Tetrachloroethene	0.327	0.020	2.22	0.136		1
Toluene	0.870	0.020	3.27	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	0.144	0.107		1
Trichlorofluoromethane	0.279	0.050	1.57	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	3.78	2.00	8.98	4.75		1
2-Butanone	0.530	0.500	1.56	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-03
 Client ID: KITCHEN STORAGE ROOM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 14:13
 Analyst: HM

Date Collected: 01/08/08 07:36
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.029	0.020	0.160	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.198	0.020	0.975	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.062	0.020	0.304	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.060	0.020	0.359	0.120		1
Benzene	0.629	0.200	2.01	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.091	0.020	0.573	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.027	0.020	0.071	0.053		1
Chloroform	0.035	0.020	0.170	0.098		1
Chloromethane	0.517	0.500	2.52	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-03

Date Collected: 01/08/08 07:36

Client ID: KITCHEN STORAGE ROOM

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.608	0.050	3.01	0.247		1
Ethylbenzene	0.188	0.020	0.816	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.037	0.020	0.132	0.072		1
p/m-Xylene	0.546	0.040	2.37	0.174		1
o-Xylene	0.206	0.020	0.892	0.087		1
Styrene	0.201	0.020	0.855	0.085		1
Tetrachloroethene	0.420	0.020	2.85	0.136		1
Toluene	1.14	0.020	4.28	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	0.035	0.020	0.186	0.107		1
Trichlorofluoromethane	0.377	0.050	2.12	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	14.8	2.00	35.1	4.75		1
2-Butanone	0.518	0.500	1.52	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-04
 Client ID: ELEVATOR HALLWAY
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 14:52
 Analyst: HM

Date Collected: 01/08/08 07:38
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.023	0.020	0.124	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.692	0.020	3.40	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.346	0.020	1.70	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.059	0.020	0.354	0.120		1
Benzene	0.501	0.200	1.60	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.092	0.020	0.576	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.127	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-04

Date Collected: 01/08/08 07:38

Client ID: ELEVATOR HALLWAY

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.570	0.050	2.82	0.247		1
Ethylbenzene	0.231	0.020	1.00	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.031	0.020	0.110	0.072		1
p/m-Xylene	0.763	0.040	3.31	0.174		1
o-Xylene	0.289	0.020	1.25	0.087		1
Styrene	0.047	0.020	0.201	0.085		1
Tetrachloroethene	0.222	0.020	1.50	0.136		1
Toluene	0.953	0.020	3.59	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	0.136	0.107		1
Trichlorofluoromethane	0.304	0.050	1.70	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	3.93	2.00	9.33	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 15:30
 Analyst: HM

Date Collected: 01/08/08 07:56
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.024	0.020	0.131	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.204	0.020	1.00	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.060	0.020	0.293	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.060	0.020	0.359	0.120		1
Benzene	0.738	0.200	2.35	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.568	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.030	0.020	0.146	0.098		1
Chloromethane	0.511	0.500	2.49	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-05

Date Collected: 01/08/08 07:56

Client ID: ROOM 145

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.548	0.050	2.71	0.247		1
Ethylbenzene	0.248	0.020	1.08	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.052	0.020	0.186	0.072		1
p/m-Xylene	0.728	0.040	3.16	0.174		1
o-Xylene	0.272	0.020	1.18	0.087		1
Styrene	0.038	0.020	0.162	0.085		1
Tetrachloroethene	1.31	0.020	8.90	0.136		1
Toluene	1.41	0.020	5.30	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.030	0.020	0.163	0.107		1
Trichlorofluoromethane	0.271	0.050	1.52	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	4.86	2.00	11.5	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 16:08
 Analyst: HM

Date Collected: 01/08/08 07:57
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.210	0.020	1.03	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.072	0.020	0.352	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.041	0.020	0.247	0.120		1
Benzene	0.566	0.200	1.80	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.564	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.025	0.020	0.122	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-06

Date Collected: 01/08/08 07:57

Client ID: ROOM 152

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.569	0.050	2.81	0.247		1
Ethylbenzene	0.155	0.020	0.672	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.031	0.020	0.112	0.072		1
p/m-Xylene	0.438	0.040	1.90	0.174		1
o-Xylene	0.172	0.020	0.744	0.087		1
Styrene	0.030	0.020	0.127	0.085		1
Tetrachloroethene	0.284	0.020	1.92	0.136		1
Toluene	0.990	0.020	3.73	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	0.038	0.020	0.203	0.107		1
Trichlorofluoromethane	0.307	0.050	1.72	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.30	2.00	12.6	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 16:45
 Analyst: HM

Date Collected: 01/08/08 08:00
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.023	0.020	0.124	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.181	0.020	0.888	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.053	0.020	0.260	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.046	0.020	0.273	0.120		1
Benzene	0.649	0.200	2.07	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.092	0.020	0.578	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.039	0.020	0.189	0.098		1
Chloromethane	0.518	0.500	2.53	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-07

Date Collected: 01/08/08 08:00

Client ID: ROOM 118

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.564	0.050	2.78	0.247		1
Ethylbenzene	0.223	0.020	0.969	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.035	0.020	0.127	0.072		1
p/m-Xylene	0.594	0.040	2.58	0.174		1
o-Xylene	0.220	0.020	0.955	0.087		1
Styrene	0.048	0.020	0.202	0.085		1
Tetrachloroethene	0.291	0.020	1.97	0.136		1
Toluene	1.28	0.020	4.83	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.028	0.020	0.148	0.107		1
Trichlorofluoromethane	0.287	0.050	1.61	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	6.14	2.00	14.6	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 15:58
 Analyst: HM

Date Collected: 01/08/08 07:59
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.022	0.020	0.117	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	0.134	0.020	0.659	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.038	0.020	0.188	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.039	0.020	0.235	0.120		1
Benzene	0.613	0.070	1.96	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	0.031	0.020	0.149	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-08

Date Collected: 01/08/08 07:59

Client ID: ROOM 110

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.526	0.050	2.60	0.247		1
Ethylbenzene	0.177	0.020	0.770	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.035	0.020	0.125	0.072		1
p/m-Xylene	0.524	0.040	2.28	0.174		1
o-Xylene	0.195	0.020	0.846	0.087		1
Styrene	0.043	0.020	0.184	0.085		1
Tetrachloroethene	0.256	0.020	1.73	0.136		1
Toluene	1.05	0.020	3.96	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	0.029	0.020	0.157	0.107		1
Trichlorofluoromethane	0.280	0.050	1.57	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	6.64	2.00	15.8	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-09
 Client ID: MP-4
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 17:13
 Analyst: HM

Date Collected: 01/08/08 11:15
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.025	0.020	0.137	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.407	0.020	2.00	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-Trimethylbenzene	0.104	0.020	0.511	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.163	0.020	0.981	0.120		1
Benzene	0.217	0.200	0.692	0.638		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	0.041	0.020	0.108	0.053		1
Chloroform	0.052	0.020	0.255	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-09

Date Collected: 01/08/08 11:15

Client ID: MP-4

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.570	0.050	2.82	0.247		1
Ethylbenzene	0.233	0.020	1.01	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.029	0.020	0.104	0.072		1
p/m-Xylene	0.853	0.040	3.70	0.174		1
o-Xylene	0.329	0.020	1.42	0.087		1
Styrene	0.024	0.020	0.103	0.085		1
Tetrachloroethene	0.524	0.020	3.55	0.136		1
Toluene	0.743	0.020	2.80	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	8.42	0.020	45.2	0.107		1
Trichlorofluoromethane	5.08	0.050	28.5	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	17.2	2.00	40.7	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 SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**SAMPLE RESULTS**

Lab ID: L0800291-09 R

Date Collected: 01/08/08 11:15

Client ID: MP-4

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/22/08 13:10

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
2-Butanone	112	5.00	331	14.7		10



Project Name: GORHAM SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**SAMPLE RESULTS**

Lab ID: L0800291-10

Date Collected: 01/08/08 10:15

Client ID: MP-8

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/18/08 14:26

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
2-Butanone	192	12.5	566	36.8		25



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-10 R
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 17:50
 Analyst: HM

Date Collected: 01/08/08 10:15
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.745	0.020	3.66	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.205	0.020	1.00	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.085	0.020	0.512	0.120		1
Benzene	0.558	0.200	1.78	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.089	0.020	0.562	0.126		1
Chlorobenzene	0.031	0.020	0.144	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.041	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



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-10 R
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI

Date Collected: 01/08/08 10:15
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.567	0.050	2.80	0.247		1
Ethylbenzene	0.763	0.020	3.31	0.087		1
Methylene chloride	ND	0.800	1.97	1.74		1
Methyl tert butyl ether	0.044	0.020	0.158	0.072		1
p/m-Xylene	2.66	0.040	11.5	0.174		1
o-Xylene	0.915	0.020	3.97	0.087		1
Styrene	0.047	0.020	0.199	0.085		1
Tetrachloroethene	0.178	0.020	1.20	0.136		1
Toluene	3.35	0.020	12.6	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	0.122	0.020	0.656	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	28.0	2.00	66.5	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 SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-11 R
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 18:28
 Analyst: HM

Date Collected: 01/08/08 08:55
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.020	0.020	0.111	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	2.38	0.020	11.7	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.590	0.020	2.90	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.222	0.020	1.33	0.120		1
Benzene	0.878	0.070	2.80	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.094	0.020	0.590	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	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-11 R

Date Collected: 01/08/08 08:55

Client ID: IMP-1

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.589	0.050	2.91	0.247		1
Ethylbenzene	1.60	0.020	6.94	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.081	0.020	0.291	0.072		1
p/m-Xylene	5.97	0.040	25.9	0.174		1
o-Xylene	2.22	0.020	9.61	0.087		1
Styrene	0.074	0.020	0.315	0.085		1
Tetrachloroethene	0.678	0.020	4.59	0.136		1
Toluene	8.26	0.020	31.1	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	0.054	0.020	0.291	0.107		1
Trichlorofluoromethane	0.313	0.050	1.76	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	4.50	2.00	10.7	4.75		1
2-Butanone	0.600	0.500	1.77	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-12 R
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 19:05
 Analyst: HM

Date Collected: 01/08/08 08:06
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.088	0.020	0.480	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	0.028	0.020	0.136	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.065	0.020	0.392	0.120		1
Benzene	0.150	0.070	0.479	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	0.568	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.054	0.020	0.261	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-12 R
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI

Date Collected: 01/08/08 08:06
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.568	0.050	2.81	0.247		1
Ethylbenzene	0.048	0.020	0.209	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.033	0.020	0.118	0.072		1
p/m-Xylene	0.170	0.040	0.738	0.174		1
o-Xylene	0.071	0.020	0.306	0.087		1
Styrene	0.021	0.020	0.088	0.085		1
Tetrachloroethene	0.311	0.020	2.11	0.136		1
Toluene	5.43	0.020	20.4	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	1.38	0.020	7.39	0.107		1
Trichlorofluoromethane	3.37	0.050	18.9	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.38	2.00	5.65	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-13 R
 Client ID: AMBIENT OUTDOOR AIR
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 19:42
 Analyst: HM

Date Collected: 01/08/08 08:45
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.256	0.020	1.26	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.077	0.020	0.377	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.043	0.020	0.256	0.120		1
Benzene	0.996	0.070	3.18	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	0.568	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.038	0.020	0.184	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-13 R

Date Collected: 01/08/08 08:45

Client ID: AMBIENT OUTDOOR AIR

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.528	0.050	2.61	0.247		1
Ethylbenzene	0.301	0.020	1.30	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.044	0.020	0.157	0.072		1
p/m-Xylene	0.984	0.040	4.27	0.174		1
o-Xylene	0.348	0.020	1.51	0.087		1
Styrene	0.062	0.020	0.263	0.085		1
Tetrachloroethene	0.352	0.020	2.38	0.136		1
Toluene	1.86	0.020	7.00	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.096	0.020	0.517	0.107		1
Trichlorofluoromethane	0.263	0.050	1.48	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	4.82	2.00	11.4	4.75		1
2-Butanone	0.651	0.500	1.92	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/22/08 01:44

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 09 Batch: WG308843-13						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/22/08 01:44

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 09 Batch: WG308843-13						
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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/17/08 11:13

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-07 Batch: WG308843-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/17/08 11:13

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-07 Batch: WG308843-3						
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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/18/08 12:35

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 08-13 Batch: WG308843-7						
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-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/18/08 12:35

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 08-13 Batch: WG308843-7						
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 SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 09 Batch: WG308843-12					
1,1,1-Trichloroethane	105	-	70-130	-	
1,1,1,2-Tetrachloroethane	90	-	70-130	-	
1,1,2,2-Tetrachloroethane	75	-	70-130	-	
1,1,2-Trichloroethane	80	-	70-130	-	
1,1-Dichloroethane	96	-	70-130	-	
1,1-Dichloroethene	102	-	70-130	-	
1,2,4-Trimethylbenzene	84	-	70-130	-	
1,2-Dibromoethane	79	-	70-130	-	
1,2-Dichlorobenzene	81	-	70-130	-	
1,2-Dichloroethane	106	-	70-130	-	
1,2-Dichloropropane	73	-	70-130	-	
1,3,5-Trimethylbenzene	79	-	70-130	-	
1,3-Butadiene	95	-	70-130	-	
1,3-Dichlorobenzene	80	-	70-130	-	
1,4-Dichlorobenzene	79	-	70-130	-	
Benzene	78	-	70-130	-	
Bromodichloromethane	89	-	70-130	-	
Bromoform	81	-	70-130	-	
Bromomethane	102	-	70-130	-	
Carbon tetrachloride	107	-	70-130	-	
Chlorobenzene	77	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 09 Batch: WG308843-12					
Chloroethane	95	-	70-130	-	
Chloroform	110	-	70-130	-	
Chloromethane	91	-	70-130	-	
cis-1,2-Dichloroethene	94	-	70-130	-	
cis-1,3-Dichloropropene	77	-	70-130	-	
Dibromochloromethane	82	-	70-130	-	
Dichlorodifluoromethane	115	-	70-130	-	
Ethylbenzene	71	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	109	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	109	-	70-130	-	
Methylene chloride	89	-	70-130	-	
Methyl tert butyl ether	95	-	70-130	-	
Naphthalene	94	-	70-130	-	
p/m-Xylene	75	-	70-130	-	
o-Xylene	74	-	70-130	-	
Styrene	74	-	70-130	-	
Tetrachloroethene	88	-	70-130	-	
Toluene	68	-	70-130	-	
trans-1,2-Dichloroethene	89	-	70-130	-	
trans-1,3-Dichloropropene	76	-	70-130	-	
Trichloroethene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 09 Batch: WG308843-12					
1,2,4-Trichlorobenzene	93	-	70-130	-	
Trichlorofluoromethane	125	-	70-130	-	
Vinyl chloride	96	-	70-130	-	
Acrylonitrile	97	-	70-130	-	
n-Butylbenzene	92	-	70-130	-	
sec-Butylbenzene	84	-	70-130	-	
Isopropylbenzene	82	-	70-130	-	
p-Isopropyltoluene	83	-	70-130	-	
Acetone	96	-	70-130	-	
2-Butanone	96	-	70-130	-	
4-Methyl-2-pentanone	87	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-07 Batch: WG308843-2					
1,1,1-Trichloroethane	110	-	70-130	-	
1,1,1,2-Tetrachloroethane	129	-	70-130	-	
1,1,2,2-Tetrachloroethane	111	-	70-130	-	
1,1,2-Trichloroethane	108	-	70-130	-	
1,1-Dichloroethane	114	-	70-130	-	
1,1-Dichloroethene	106	-	70-130	-	
1,2,4-Trimethylbenzene	125	-	70-130	-	
1,2-Dibromoethane	112	-	70-130	-	
1,2-Dichlorobenzene	120	-	70-130	-	
1,2-Dichloroethane	127	-	70-130	-	
1,2-Dichloropropane	99	-	70-130	-	
1,3,5-Trimethylbenzene	122	-	70-130	-	
1,3-Butadiene	101	-	70-130	-	
1,3-Dichlorobenzene	125	-	70-130	-	
1,4-Dichlorobenzene	124	-	70-130	-	
Benzene	100	-	70-130	-	
Bromodichloromethane	105	-	70-130	-	
Bromoform	112	-	70-130	-	
Bromomethane	110	-	70-130	-	
Carbon tetrachloride	111	-	70-130	-	
Chlorobenzene	111	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-07 Batch: WG308843-2					
Chloroethane	104	-	70-130	-	
Chloroform	126	-	70-130	-	
Chloromethane	94	-	70-130	-	
cis-1,2-Dichloroethene	112	-	70-130	-	
cis-1,3-Dichloropropene	103	-	70-130	-	
Dibromochloromethane	107	-	70-130	-	
Dichlorodifluoromethane	117	-	70-130	-	
Ethylbenzene	113	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	116	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	116	-	70-130	-	
Methylene chloride	94	-	70-130	-	
Methyl tert butyl ether	116	-	70-130	-	
Naphthalene	99	-	70-130	-	
p/m-Xylene	118	-	70-130	-	
o-Xylene	115	-	70-130	-	
Styrene	120	-	70-130	-	
Tetrachloroethene	112	-	70-130	-	
Toluene	102	-	70-130	-	
trans-1,2-Dichloroethene	95	-	70-130	-	
trans-1,3-Dichloropropene	106	-	70-130	-	
Trichloroethene	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-07 Batch: WG308843-2					
1,2,4-Trichlorobenzene	91	-	70-130	-	
Trichlorofluoromethane	126	-	70-130	-	
Vinyl chloride	104	-	70-130	-	
Acrylonitrile	136	-	70-130	-	
n-Butylbenzene	99	-	70-130	-	
sec-Butylbenzene	130	-	70-130	-	
Isopropylbenzene	129	-	70-130	-	
p-Isopropyltoluene	108	-	70-130	-	
Acetone	109	-	70-130	-	
2-Butanone	103	-	70-130	-	
4-Methyl-2-pentanone	89	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-13 Batch: WG308843-6					
1,1,1-Trichloroethane	99	-	70-130	-	
1,1,1,2-Tetrachloroethane	107	-	70-130	-	
1,1,2,2-Tetrachloroethane	84	-	70-130	-	
1,1,2-Trichloroethane	88	-	70-130	-	
1,1-Dichloroethane	102	-	70-130	-	
1,1-Dichloroethene	100	-	70-130	-	
1,2,4-Trimethylbenzene	95	-	70-130	-	
1,2-Dibromoethane	90	-	70-130	-	
1,2-Dichlorobenzene	90	-	70-130	-	
1,2-Dichloroethane	111	-	70-130	-	
1,2-Dichloropropane	83	-	70-130	-	
1,3,5-Trimethylbenzene	91	-	70-130	-	
1,3-Butadiene	95	-	70-130	-	
1,3-Dichlorobenzene	91	-	70-130	-	
1,4-Dichlorobenzene	91	-	70-130	-	
Benzene	86	-	70-130	-	
Bromodichloromethane	92	-	70-130	-	
Bromoform	93	-	70-130	-	
Bromomethane	102	-	70-130	-	
Carbon tetrachloride	102	-	70-130	-	
Chlorobenzene	89	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-13 Batch: WG308843-6					
Chloroethane	97	-	70-130	-	
Chloroform	113	-	70-130	-	
Chloromethane	89	-	70-130	-	
cis-1,2-Dichloroethene	100	-	70-130	-	
cis-1,3-Dichloropropene	84	-	70-130	-	
Dibromochloromethane	90	-	70-130	-	
Dichlorodifluoromethane	111	-	70-130	-	
Ethylbenzene	88	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	109	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	108	-	70-130	-	
Methylene chloride	89	-	70-130	-	
Methyl tert butyl ether	97	-	70-130	-	
Naphthalene	114	-	70-130	-	
p/m-Xylene	91	-	70-130	-	
o-Xylene	88	-	70-130	-	
Styrene	91	-	70-130	-	
Tetrachloroethene	94	-	70-130	-	
Toluene	82	-	70-130	-	
trans-1,2-Dichloroethene	88	-	70-130	-	
trans-1,3-Dichloropropene	84	-	70-130	-	
Trichloroethene	93	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-13 Batch: WG308843-6					
1,2,4-Trichlorobenzene	107	-	70-130	-	
Trichlorofluoromethane	119	-	70-130	-	
Vinyl chloride	97	-	70-130	-	
Acrylonitrile	108	-	70-130	-	
n-Butylbenzene	95	-	70-130	-	
sec-Butylbenzene	95	-	70-130	-	
Isopropylbenzene	95	-	70-130	-	
p-Isopropyltoluene	89	-	70-130	-	
Acetone	93	-	70-130	-	
2-Butanone	92	-	70-130	-	
4-Methyl-2-pentanone	85	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG308843-4 QC Sample: L0800291-08 Client ID: ROOM 110					
1,1,1-Trichloroethane	0.022	0.021	ppbV	0	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	0.134	0.146	ppbV	9	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.038	0.040	ppbV	4	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.039	0.042	ppbV	8	25
Benzene	0.613	0.579	ppbV	6	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.089	0.090	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG308843-4 QC Sample: L0800291-08 Client ID: ROOM 110					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.031	0.031	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	0.526	0.551	ppbV	5	25
Ethylbenzene	0.177	0.161	ppbV	9	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	0.035	0.036	ppbV	3	25
p/m-Xylene	0.524	0.464	ppbV	12	25
o-Xylene	0.195	0.173	ppbV	12	25
Styrene	0.043	0.040	ppbV	8	25
Tetrachloroethene	0.256	0.254	ppbV	1	25
Toluene	1.05	1.00	ppbV	5	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.029	0.029	ppbV	1	25
Trichlorofluoromethane	0.280	0.287	ppbV	2	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG308843-4 QC Sample: L0800291-08 Client ID: ROOM 110					
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	6.64	6.64	ppbV	0	25
2-Butanone	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: GORHAM SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0800291-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-10A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-11A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-12A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-13A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

REFERENCES

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

LIMITATION OF LIABILITIES

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

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





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: EA Engineering, Sci, & Tech

Address: 2350 Post Road

Warwick, RI 02886

Phone: 401-736-3440

Fax: 401-736-3423

Email: pgrivers@east.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project Information

Project Name: Gosham School

Project Location: Providence, RI

Project #: 6196501

Project Manager: Peter Grivers

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

5 DAYS TO-13; 10 DAYS

Date Due:

Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX EMAIL (standard pdf report)

Criteria Checker: Customized

Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: L0800291

Billing Information

Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

CT Dept Proposed Residential Target Air Comparisons

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

Sample Comments (i.e. PID)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	ANALYSIS										Sample Comments (i.e. PID)
		Date	Start Time	End Time					TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES	FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS	DISS GASES CO2 ONLY	TO-4/TO-10	
-9	MP-4	1/8/08	1045	1115	SV	PT/PG	50	0155										PID = 01.47 ppm	
-10	MP-8		0945	1015			549	0314										0.084	
-11	IMP-1		0825	0855			556	0340										38	
-12	IMP-3		0735	0806			358	0110										54	
-13	Ambient Outdoor Air	1/8/08	0815	0845	A		155											< 1	

Shaded Gray Areas For Lab Use Only

Container Type

CS

Relinquished By:

Paul Henry

Date/Time

1/8/08 1625

Received By:

[Signature]

Date/Time:

1/10/08 1625

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 Payment Terms. See reverse side.

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #

Aircan Id	Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
333	2.7L Summ	RECEIVED	39307	L0800291-03	02-JAN-2008		L0718294	-29.7	-1.0					10-JAN-2008 10
548	2.7L Summ	RECEIVED	39307	L0800291-10	02-JAN-2008		L0718294	-29.7	-0.8					10-JAN-2008 10
155	2.7L Summ	RECEIVED	39307	L0800291-13	02-JAN-2008		L0718294	-29.7	-2.5					10-JAN-2008 10
556	2.7L Summ	RECEIVED	39307	L0800291-11	02-JAN-2008		L0718294	-29.7	-0.7					10-JAN-2008 10
343	2.7L Summ	RECEIVED	39307	L0800291-06	02-JAN-2008		L0718294	-29.7	-5.0					10-JAN-2008 10
507	2.7L Summ	RECEIVED	39307	L0800291-02	02-JAN-2008		L0718433	-29.7	-0.4					10-JAN-2008 10
425	2.7L Summ	RECEIVED	39307	L0800291-04	02-JAN-2008		L0718433	-29.7	-1.0					10-JAN-2008 10
358	2.7L Summ	RECEIVED	39438	L0800291-12	07-JAN-2008		L0718583	-30.0	-3.2					10-JAN-2008 10
485	2.7L Summ	RECEIVED	39307	L0800291-02	02-JAN-2008		L0718433	-29.7	-1.2					10-JAN-2008 10
454	2.7L Summ	RECEIVED	39307	L0800291-05	02-JAN-2008		L0718433	-29.7	-1.6					10-JAN-2008 10

Air Canister Tracking

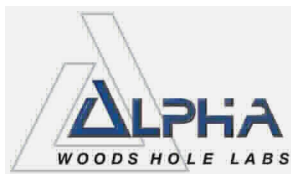
Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
345	2.7L Summr	RECEIVED	39307	L0800291-08	02-JAN-2008		L0718433	-29.7	-1.5					10-JAN-2008 10
516	2.7L Summr	RECEIVED	39307	L0800291-01	02-JAN-2008		L0718433	-29.7	-5.1					10-JAN-2008 10
488	2.7L Summr	RECEIVED	39307	L0800291-07	02-JAN-2008		L0718433	-29.7	-0.1					10-JAN-2008 10
0339	<1hr Reg A	RECEIVED	39307		02-JAN-2008	27-DEC-2007				76	76	0		10-JAN-2008 10
0331	<1hr Reg A	RECEIVED	39307		02-JAN-2008	27-DEC-2007				79	71	11		10-JAN-2008 10
0418	<1hr Reg A	RECEIVED	39307	L0800291-08	02-JAN-2008	27-DEC-2007				79	81	3		10-JAN-2008 10
0189	<1hr Reg A	RECEIVED	39307	L0800291-03	02-JAN-2008	27-DEC-2007				80	80	0		10-JAN-2008 10
0304	<1hr Reg A	RECEIVED	39307	L0800291-05	02-JAN-2008	27-DEC-2007				79	76	4		10-JAN-2008 10
0336	<1hr Reg A	RECEIVED	39307	L0800291-07	02-JAN-2008	27-DEC-2007				79	78	1		10-JAN-2008 10
0162	<1hr Reg B	RECEIVED	39307	L0800291-04	02-JAN-2008	27-DEC-2007				81	81	0		10-JAN-2008 10

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
0304	<1hr Reg A	RECEIVED	39307	L0800291-05	02-JAN-2008	27-DEC-2007				79	76	4		10-JAN-2008 10
0336	<1hr Reg A	RECEIVED	39307	L0800291-07	02-JAN-2008	27-DEC-2007				79	78	1		10-JAN-2008 10
0152	<1hr Reg S	RECEIVED	39307	L0800291-04	02-JAN-2008	27-DEC-2007				81	81	0		10-JAN-2008 10
0338	<1hr Reg A	RECEIVED	39307	L0800291-02	02-JAN-2008	27-DEC-2007				79	78	1		10-JAN-2008 10
0149	<1hr Reg A	RECEIVED	39307	L0800291-01	02-JAN-2008	27-DEC-2007				77	78	1		10-JAN-2008 10
0110	<1hr Reg S	RECEIVED	39307	L0800291-12	02-JAN-2008	27-DEC-2007				80	80	0		10-JAN-2008 10
0314	<1hr Reg A	RECEIVED	39307	L0800291-10	02-JAN-2008	27-DEC-2007				81	79	3		10-JAN-2008 10
0340	<1hr Reg A	RECEIVED	39307	L0800291-11	02-JAN-2008	27-DEC-2007				78	61	4		10-JAN-2008 10
0155	<1hr Reg S	RECEIVED	39307	L0800291-09	02-JAN-2008	27-DEC-2007				78	76	3		10-JAN-2008 10



ANALYTICAL REPORT

Lab Number: L0801231

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

ATTN: Peter Grivers

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Report Date: 01/29/08

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: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Alpha Sample ID	Client ID	Sample Location
L0801231-01	OUTDOOR AMBIENT	PROVIDENCE, RI
L0801231-02	ROOM 145	PROVIDENCE, RI
L0801231-03	MP-8	PROVIDENCE, RI

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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: 01/29/08

AIR

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**SAMPLE RESULTS**

Lab ID: L0801231-01
Client ID: OUTDOOR AMBIENT
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/08 17:53
Analyst: HM

Date Collected: 01/28/08 14:15
Date Received: 01/28/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	ND	0.020	ND	0.136		1

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**SAMPLE RESULTS**

Lab ID: L0801231-02
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/08 18:30
Analyst: HM

Date Collected: 01/28/08 14:20
Date Received: 01/28/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	ND	0.020	ND	0.136		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**SAMPLE RESULTS**

Lab ID: L0801231-03

Date Collected: 01/28/08 14:40

Client ID: MP-8

Date Received: 01/28/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 19:07

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	0.021	0.020	0.140	0.136		1



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0801231

Project Number: 6196501.1005

Report Date: 01/29/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 12:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG309957-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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: L0801231

Project Number: 6196501.1005

Report Date: 01/29/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 12:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG309957-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
1,1,1-Trichloroethane	122	-	70-130	-	
1,1,1,2-Tetrachloroethane	112	-	70-130	-	
1,1,2,2-Tetrachloroethane	78	-	70-130	-	
1,1,2-Trichloroethane	94	-	70-130	-	
1,1-Dichloroethane	106	-	70-130	-	
1,1-Dichloroethene	116	-	70-130	-	
1,2,4-Trimethylbenzene	97	-	70-130	-	
1,2-Dibromoethane	86	-	70-130	-	
1,2-Dichlorobenzene	98	-	70-130	-	
1,2-Dichloroethane	150	-	70-130	-	
1,2-Dichloropropane	76	-	70-130	-	
1,3,5-Trimethylbenzene	93	-	70-130	-	
1,3-Butadiene	94	-	70-130	-	
1,3-Dichlorobenzene	103	-	70-130	-	
1,4-Dichlorobenzene	103	-	70-130	-	
Benzene	87	-	70-130	-	
Bromodichloromethane	104	-	70-130	-	
Bromoform	104	-	70-130	-	
Bromomethane	108	-	70-130	-	
Carbon tetrachloride	125	-	70-130	-	
Chlorobenzene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
Chloroethane	97	-	70-130	-	
Chloroform	126	-	70-130	-	
Chloromethane	88	-	70-130	-	
cis-1,2-Dichloroethene	107	-	70-130	-	
cis-1,3-Dichloropropene	92	-	70-130	-	
Dibromochloromethane	92	-	70-130	-	
Dichlorodifluoromethane	139	-	70-130	-	
Ethylbenzene	89	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	122	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	121	-	70-130	-	
Methylene chloride	95	-	70-130	-	
Methyl tert butyl ether	103	-	70-130	-	
Naphthalene	106	-	70-130	-	
p/m-Xylene	93	-	70-130	-	
o-Xylene	91	-	70-130	-	
Styrene	96	-	70-130	-	
Tetrachloroethene	97	-	70-130	-	
Toluene	79	-	70-130	-	
trans-1,2-Dichloroethene	97	-	70-130	-	
trans-1,3-Dichloropropene	100	-	70-130	-	
Trichloroethene	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
1,2,4-Trichlorobenzene	101	-	70-130	-	
Trichlorofluoromethane	150	-	70-130	-	
Vinyl chloride	98	-	70-130	-	
Acrylonitrile	105	-	70-130	-	
n-Butylbenzene	88	-	70-130	-	
sec-Butylbenzene	96	-	70-130	-	
Isopropylbenzene	99	-	70-130	-	
p-Isopropyltoluene	88	-	70-130	-	
Acetone	104	-	70-130	-	
2-Butanone	90	-	70-130	-	
4-Methyl-2-pentanone	78	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.077	0.076	ppbV	2	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	0.030	0.028	ppbV	10	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.022	0.022	ppbV	0	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.369	0.382	ppbV	3	25
Benzene	0.367	0.369	ppbV	1	25
Bromodichloromethane	0.024	0.023	ppbV	1	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.096	0.097	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.099	0.101	ppbV	2	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	0.811	0.842	ppbV	4	25
Ethylbenzene	0.107	0.099	ppbV	7	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	0.047	0.052	ppbV	10	25
p/m-Xylene	0.283	0.271	ppbV	4	25
o-Xylene	0.087	0.084	ppbV	4	25
Styrene	0.058	0.046	ppbV	22	25
Tetrachloroethene	0.049	0.047	ppbV	5	25
Toluene	1.43	1.42	ppbV	1	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.097	0.094	ppbV	3	25
Trichlorofluoromethane	2.47	2.54	ppbV	3	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801231-01A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0801231-02A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0801231-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

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 Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
217	2.7L Sumr	RECEIVED	39813	L0801231-D3	25-JAN-2008			-30.0	-2.0					28-JAN-2008 16
829	6.0L Sumr	RECEIVED	39813	L0801231-D1	25-JAN-2008		L071917E	-30.0	-1.0					28-JAN-2008 16
896	6.0L Sumr	RECEIVED	39813	L0801231-D2	25-JAN-2008		L0800107	-30.0	-3.3					28-JAN-2008 16
0340	<1hr Reg S	RECEIVED	39813	L0801231-D3	25-JAN-2008	25-JAN-2008				77	81	5		28-JAN-2008 16
0081	<1hr Reg A	RECEIVED	39813	L0801231-D1	25-JAN-2008	25-JAN-2008				177	171	3		28-JAN-2008 16
0279	<1hr Reg A	RECEIVED	39813	L0801231-D2	25-JAN-2008	25-JAN-2008				176	187	6		28-JAN-2008 16



ANALYTICAL REPORT

Lab Number:	L0801912
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Peter Grivers
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	02/19/08

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: L0801912
Report Date: 02/19/08

Alpha Sample ID	Client ID	Sample Location
L0801912-09	AMBIENT OUTDOOR	PROVIDENCE, RI
L0801912-02	CAFE	PROVIDENCE, RI
L0801912-04	ELEV. HALLWAY	PROVIDENCE, RI
L0801912-03	GYM	PROVIDENCE, RI
L0801912-01	KITCHEN STORAGE	PROVIDENCE, RI
L0801912-08	RM 110	PROVIDENCE, RI
L0801912-07	RM 118	PROVIDENCE, RI
L0801912-05	RM 145	PROVIDENCE, RI
L0801912-06	RM 152	PROVIDENCE, RI

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801912
Report Date: 02/19/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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: 02/19/08

AIR

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801912
Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-01
 Client ID: KITCHEN STORAGE
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 18:32
 Analyst: HM

Date Collected: 02/08/08 07:35
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.182	0.020	0.896	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.094	0.020	0.462	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.284	0.070	0.906	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.080	0.020	0.500	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.022	0.020	0.105	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-01

Date Collected: 02/08/08 07:35

Client ID: KITCHEN STORAGE

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.397	0.050	1.96	0.247		1
Ethylbenzene	0.060	0.020	0.260	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	0.163	0.040	0.709	0.174		1
o-Xylene	0.064	0.020	0.278	0.087		1
Styrene	0.166	0.020	0.706	0.085		1
Tetrachloroethene	0.021	0.020	0.140	0.136		1
Toluene	0.328	0.020	1.24	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	0.021	0.020	0.113	0.107		1
Trichlorofluoromethane	0.203	0.050	1.14	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	8.50	2.00	20.2	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-02
 Client ID: CAFE
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 19:09
 Analyst: HM

Date Collected: 02/08/08 07:34
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.197	0.020	0.968	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.092	0.020	0.452	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.264	0.070	0.844	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.076	0.020	0.476	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.023	0.020	0.110	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-02

Date Collected: 02/08/08 07:34

Client ID: CAFE

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.376	0.050	1.86	0.247		1
Ethylbenzene	0.054	0.020	0.233	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	0.151	0.040	0.655	0.174		1
o-Xylene	0.062	0.020	0.270	0.087		1
Styrene	0.030	0.020	0.126	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.302	0.020	1.14	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	0.182	0.050	1.02	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	3.47	2.00	8.24	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-03
 Client ID: GYM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 19:48
 Analyst: HM

Date Collected: 02/08/08 07:33
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.513	0.020	2.52	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.264	0.020	1.30	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.229	0.070	0.730	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.069	0.020	0.435	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-03

Date Collected: 02/08/08 07:33

Client ID: GYM

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.400	0.050	1.98	0.247		1
Ethylbenzene	0.142	0.020	0.617	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	0.487	0.040	2.11	0.174		1
o-Xylene	0.200	0.020	0.867	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.297	0.020	1.12	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	0.197	0.050	1.11	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: L0801912
Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-04
 Client ID: ELEV. HALLWAY
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 20:24
 Analyst: HM

Date Collected: 02/08/08 07:37
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.385	0.020	1.89	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.200	0.020	0.980	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.243	0.070	0.777	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.072	0.020	0.453	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-04
 Client ID: ELEV. HALLWAY
 Sample Location: PROVIDENCE, RI

Date Collected: 02/08/08 07:37
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.382	0.050	1.89	0.247		1
Ethylbenzene	0.104	0.020	0.451	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	0.337	0.040	1.46	0.174		1
o-Xylene	0.140	0.020	0.607	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.021	0.020	0.145	0.136		1
Toluene	0.305	0.020	1.15	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	0.181	0.050	1.01	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: L0801912
Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-05
 Client ID: RM 145
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 21:03
 Analyst: HM

Date Collected: 02/08/08 07:38
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.042	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-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.234	0.070	0.746	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.075	0.020	0.469	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-05

Date Collected: 02/08/08 07:38

Client ID: RM 145

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.401	0.050	1.98	0.247		1
Ethylbenzene	0.036	0.020	0.158	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	0.091	0.040	0.393	0.174		1
o-Xylene	0.035	0.020	0.153	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.243	0.020	0.914	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	0.064	0.020	0.345	0.107		1
Trichlorofluoromethane	0.185	0.050	1.04	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

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-06
 Client ID: RM 152
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 21:40
 Analyst: HM

Date Collected: 02/08/08 07:42
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.062	0.020	0.306	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.246	0.070	0.786	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.075	0.020	0.471	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-06

Date Collected: 02/08/08 07:42

Client ID: RM 152

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.383	0.050	1.89	0.247		1
Ethylbenzene	0.042	0.020	0.180	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	0.096	0.040	0.416	0.174		1
o-Xylene	0.036	0.020	0.157	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.272	0.020	1.03	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	0.182	0.050	1.02	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.02	2.00	4.78	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: L0801912
Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-07
 Client ID: RM 118
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 22:16
 Analyst: HM

Date Collected: 02/08/08 07:44
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.042	0.020	0.207	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.255	0.070	0.813	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.463	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-07

Date Collected: 02/08/08 07:44

Client ID: RM 118

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.371	0.050	1.83	0.247		1
Ethylbenzene	0.058	0.020	0.253	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	0.128	0.040	0.554	0.174		1
o-Xylene	0.049	0.020	0.212	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.330	0.020	1.24	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	0.176	0.050	0.988	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.89	2.00	6.87	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-08
 Client ID: RM 110
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 22:53
 Analyst: HM

Date Collected: 02/08/08 07:45
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.042	0.020	0.207	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.251	0.070	0.802	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.466	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	0.504	0.500	2.46	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-08

Date Collected: 02/08/08 07:45

Client ID: RM 110

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.393	0.050	1.94	0.247		1
Ethylbenzene	0.040	0.020	0.172	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	0.103	0.040	0.447	0.174		1
o-Xylene	0.039	0.020	0.168	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.264	0.020	0.994	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	0.187	0.050	1.05	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: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801912
Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-09
 Client ID: AMBIENT OUTDOOR
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 23:30
 Analyst: HM

Date Collected: 02/08/08 09:56
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.043	0.020	0.211	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.273	0.070	0.873	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.466	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

SAMPLE RESULTS

Lab ID: L0801912-09

Date Collected: 02/08/08 09:56

Client ID: AMBIENT OUTDOOR

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.408	0.050	2.02	0.247		1
Ethylbenzene	0.051	0.020	0.220	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	0.134	0.040	0.584	0.174		1
o-Xylene	0.047	0.020	0.204	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.052	0.020	0.353	0.136		1
Toluene	0.393	0.020	1.48	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	ND	0.020	ND	0.107		1
Trichlorofluoromethane	0.192	0.050	1.08	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

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/13/08 11:48

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-09 Batch: WG311555-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/13/08 11:48

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-09 Batch: WG311555-3						
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: L0801912
Report Date: 02/19/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG311555-2					
1,1,1-Trichloroethane	90	-	70-130	-	
1,1,1,2-Tetrachloroethane	88	-	70-130	-	
1,1,2,2-Tetrachloroethane	88	-	70-130	-	
1,1,2-Trichloroethane	99	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	94	-	70-130	-	
1,2,4-Trimethylbenzene	91	-	70-130	-	
1,2-Dibromoethane	84	-	70-130	-	
1,2-Dichlorobenzene	84	-	70-130	-	
1,2-Dichloroethane	78	-	70-130	-	
1,2-Dichloropropane	102	-	70-130	-	
1,3,5-Trimethylbenzene	91	-	70-130	-	
1,3-Butadiene	96	-	70-130	-	
1,3-Dichlorobenzene	88	-	70-130	-	
1,4-Dichlorobenzene	87	-	70-130	-	
Benzene	84	-	70-130	-	
Bromodichloromethane	107	-	70-130	-	
Bromoform	88	-	70-130	-	
Bromomethane	85	-	70-130	-	
Carbon tetrachloride	106	-	70-130	-	
Chlorobenzene	87	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG311555-2					
Chloroethane	93	-	70-130	-	
Chloroform	90	-	70-130	-	
Chloromethane	96	-	70-130	-	
cis-1,2-Dichloroethene	92	-	70-130	-	
cis-1,3-Dichloropropene	96	-	70-130	-	
Dibromochloromethane	88	-	70-130	-	
Dichlorodifluoromethane	94	-	70-130	-	
Ethylbenzene	86	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	91	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92	-	70-130	-	
Methylene chloride	86	-	70-130	-	
Methyl tert butyl ether	75	-	70-130	-	
Naphthalene	101	-	70-130	-	
p/m-Xylene	88	-	70-130	-	
o-Xylene	88	-	70-130	-	
Styrene	87	-	70-130	-	
Tetrachloroethene	83	-	70-130	-	
Toluene	82	-	70-130	-	
trans-1,2-Dichloroethene	89	-	70-130	-	
trans-1,3-Dichloropropene	92	-	70-130	-	
Trichloroethene	105	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801912

Project Number: 6196501

Report Date: 02/19/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 Batch: WG311555-2					
1,2,4-Trichlorobenzene	100	-	70-130	-	
Trichlorofluoromethane	96	-	70-130	-	
Vinyl chloride	94	-	70-130	-	
Acrylonitrile	82	-	70-130	-	
n-Butylbenzene	81	-	70-130	-	
sec-Butylbenzene	83	-	70-130	-	
Isopropylbenzene	86	-	70-130	-	
p-Isopropyltoluene	76	-	70-130	-	
Acetone	77	-	70-130	-	
2-Butanone	79	-	70-130	-	
4-Methyl-2-pentanone	114	-	70-130	-	
1,2,3-Trichlorobenzene	105	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801912

Report Date: 02/19/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: DUP Sample					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.044	0.050	ppbV	13	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.260	0.293	ppbV	12	25
Benzene	0.289	0.277	ppbV	4	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.071	0.074	ppbV	5	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801912

Report Date: 02/19/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: DUP Sample					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	0.404	0.434	ppbV	7	25
Ethylbenzene	0.047	0.050	ppbV	5	25
Methylene chloride	0.675	ND	ppbV	NC	25
Methyl tert butyl ether	ND	0.021	ppbV	NC	25
p/m-Xylene	0.127	0.135	ppbV	6	25
o-Xylene	0.046	0.049	ppbV	6	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.051	0.051	ppbV	0	25
Toluene	0.434	0.364	ppbV	18	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.023	0.022	ppbV	5	25
Trichlorofluoromethane	0.218	0.228	ppbV	4	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801912

Report Date: 02/19/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-09 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: DUP Sample					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
Acetone	7.23	7.85	ppbV	8	25
2-Butanone	42.9	46.6	ppbV	8	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: GORHAM / ADELAIDE HS**Lab Number:** L0801912**Project Number:** 6196501**Report Date:** 02/19/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801912-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801912-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801912
Report Date: 02/19/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Report Format: Not Specified



Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801912
Report Date: 02/19/08

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.





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: EA Engineering & Science
 Address: 2350 Post Rd
 Warwick, RI 02886
 Phone: 401-536-3440
 Fax: 401-936-3423
 Email: pgrivers@east.com

Project Information

Project Name: Gorham/Adelaide HS
 Project Location: Providence, RI
 Project #: 6196501
 Project Manager: Peter Grivers
 ALPHA Quote #:
 Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 5 DAYS TO-13: 10 DAYS
 Date Due: Time:

Other Project Specific Requirements/Comments:

Date Rec'd In Lab:

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)

ALPHA Job #: 20801912

Billing Information

Same as Client Info PO #: 4239

Regulatory Requirements/Report Limits

State/Fed Program Criteria
 RI Dept Regs Resid
 Target Ar. Compounds

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

ALPHALab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	Container Type	Date/Time	Received By:	Date/Time:	Sample Comments (i.e. PID)
0801912-1	Kitchen Storage	2/8/08	7:05	7:35	A	DALR	516	0338	CS	2/11/08 13:40	Paul Willcutt	2/11/08 13:40	PID = 0 ppm
-2	Cafe		7:03	7:33			488	0299					0
-3	Gym		7:07	7:37			495	0418					0
-4	Elev. Hallway		7:08	7:38			451	0339					0
-5	Rm 145		7:12	7:42			524	0257					0
-6	Rm 152		7:14	7:44			336	0304					0
-7	Rm 118		7:15	7:45			241	0333					0
-8	Rm 110		9:26	9:56			477	0303					0
-9	Ambient Outdoor												0

Shaded Gray Areas For Lab Use Only

Relinquished By: Date/Time

Received By: Date/Time

Paul Willcutt 2/11/08 13:40

Paul Willcutt 2/11/08 13:40

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 Payment Terms. See reverse side.

AIR CANISTER QUERY

Air Canister Query

Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0161	RECEIVED	40040	L0801913-03	07-FEB-2008	06-FEB-2008				77	76	1		12-FEB-2008
0180	RECEIVED	40040	L0801913-01	07-FEB-2008	06-FEB-2008				78	75	4		12-FEB-2008
0257	RECEIVED	40040	L0801912-06	07-FEB-2008	06-FEB-2008				80	81	1		12-FEB-2008
0279	RECEIVED	40040	L0801913-02	07-FEB-2008	06-FEB-2008				81	83	2		12-FEB-2008
0299	RECEIVED	40040	L0801912-03	07-FEB-2008	06-FEB-2008				80	79	1		12-FEB-2008
0303	RECEIVED	40040	L0801912-09	07-FEB-2008	06-FEB-2008				79	78	1		12-FEB-2008
0304	RECEIVED	40040	L0801912-07	07-FEB-2008	06-FEB-2008				79	78	1		12-FEB-2008
0331	RECEIVED	40040	L0801912-02	07-FEB-2008	06-FEB-2008				80	80	0		12-FEB-2008
0333	RECEIVED	40040	L0801912-08	07-FEB-2008	06-FEB-2008				78	70	12		12-FEB-2008
0334	RECEIVED	40040	L0801913-04	07-FEB-2008	06-FEB-2008				78	77	3		12-FEB-2008
0338	RECEIVED	40040	L0801912-01	07-FEB-2008	06-FEB-2008				80	80	0		12-FEB-2008
0339	RECEIVED	40040	L0801912-05	07-FEB-2008	06-FEB-2008				77	80	4		12-FEB-2008
0418	RECEIVED	40040	L0801912-04	07-FEB-2008	06-FEB-2008				78	77	1		12-FEB-2008
241	RECEIVED	40040	L0801912-08	07-FEB-2008		L0801339	-29.2	-1.8					12-FEB-2008
336	RECEIVED	40040	L0801912-07	07-FEB-2008		L0801339	-29.2	-0.3					12-FEB-2008
345	RECEIVED	40040	L0801913-02	07-FEB-2008		L0801339	-29.2	+1.2					12-FEB-2008

Double Click Aircan ID to see its audit trail

AIRCAN QUERY

Air Canister Query

Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0339	RECEIVED	40040	L0801912-05	07-FEB-2008	06-FEB-2008				77	80	4		12-FEB-2008
0418	RECEIVED	40040	L0801912-04	07-FEB-2008	06-FEB-2008				78	77	1		12-FEB-2008
241	RECEIVED	40040	L0801912-08	07-FEB-2008		L0801335	-29.2	-1.8					12-FEB-2008
336	RECEIVED	40040	L0801912-07	07-FEB-2008		L0801335	-29.2	-0.3					12-FEB-2008
345	RECEIVED	40040	L0801913-02	07-FEB-2008		L0801335	-29.2	+1.2					12-FEB-2008
380	RECEIVED	40040	L0801913-03	07-FEB-2008		L0801335	-29.2	-3.4					12-FEB-2008
383	RECEIVED	40040	L0801913-04	07-FEB-2008		L0801335	-29.2	-0.2					12-FEB-2008
387	RECEIVED	40040	L0801912-02	07-FEB-2008		L0801335	-29.2	-1.9					12-FEB-2008
425	RECEIVED	40040	L0801913-01	07-FEB-2008		L0801335	-29.2	+2.1					12-FEB-2008
451	RECEIVED	40040	L0801912-05	07-FEB-2008		L0801335	-29.2	4.3					12-FEB-2008
477	RECEIVED	40040	L0801912-09	07-FEB-2008		L0801335	-29.2	+1.9					12-FEB-2008
488	RECEIVED	40040	L0801912-03	07-FEB-2008		L0801335	-29.2	-1.3					12-FEB-2008
495	RECEIVED	40040	L0801912-04	07-FEB-2008		L0801335	-29.2	-1.2					12-FEB-2008
516	RECEIVED	40040	L0801912-01	07-FEB-2008		L0801335	-29.2	-1.7					12-FEB-2008
524	RECEIVED	40040	L0801912-06	07-FEB-2008		L0801335	-29.2	0.0					12-FEB-2008

Double Click Aircan ID to see its audit trail

Appendix C

Sub-Slab Air Monitoring Analytical Summary & Report

LEGEND :

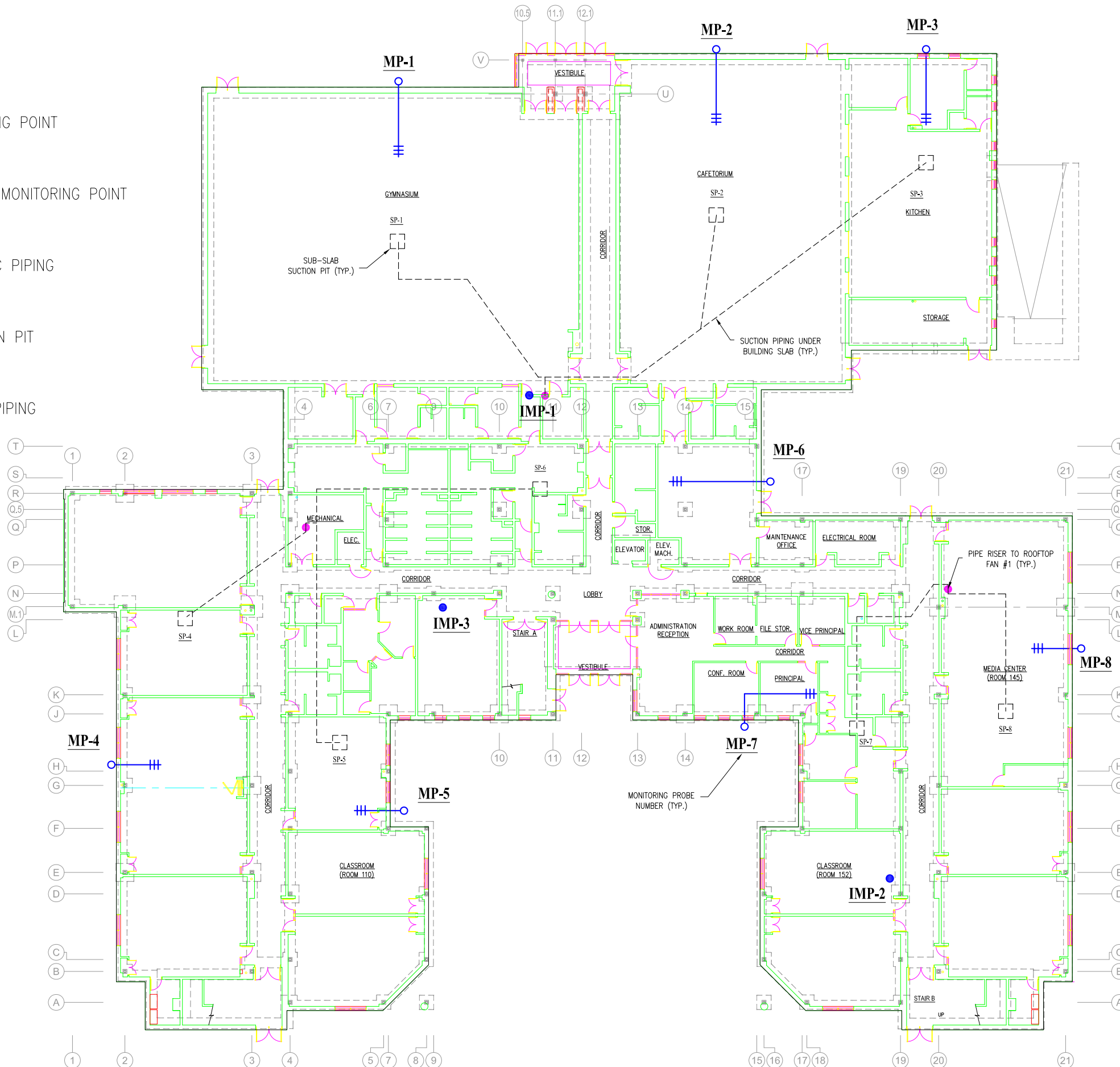
MP-1 SUB-SLAB MONITORING POINT

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
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. 2 OF 3	FIGURE N/A

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

QUARTERLY STATUS REPORT
APPENDIX C



March 28, 2008

To: Peter Grivers
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 12/6/07, 1/8/08, and 2/8/08; 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

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	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	Qual	NS	Qual	NS	Qual
	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	27.2	U	48	U	27.2	U	27.2	U	2.72	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		NS		2.72	U	1.19		NS	
	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		NS		1.50	U
	6-Dec-07	NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.34	U
	8-Jan-08	NS		NS		NS		0.14	U	NS		NS		NS		NS		0.11	U	NS		0.48	U
	8-Feb-08	0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		0.56	U
	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	Qual	NS	Qual	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	34.3	U	3.43	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		NS	
20-Sep-07		NS		3.43	U	NS		NS		NS		NS		NS		3.43	U	NS		NS		0.14	U
9-Oct-07		3.43	U	NS		NS		0.69	U	NS		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	NS		0.14	U
6-Dec-07		NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U
8-Jan-08		NS		NS		NS		0.14	U	NS		NS		NS		NS		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	NS		0.14	U
1,1,2,2-Tetrachloroethane		15-Mar-07	620	U	590	U	590	U	600	U	580	U	240	U	91	U	260	U	NS	Qual	NS	Qual	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	34.3	U	3.43	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		NS		NS		NS		NS		1.37	U	0.14		NS	
	20-Sep-07	NS		3.43	U	NS		NS		NS		NS		NS		3.43	U	NS		NS		0.14	U
	9-Oct-07	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.14	U
	7-Nov-07	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	NS		0.14	U
	6-Dec-07	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U
	8-Jan-08	NS		NS		NS		0.14	U	NS		NS		NS		NS		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	NS		0.14	U
	1,1,2-Trichloroethane	15-Mar-07	490	U	470	U	470	U	470	U	460	U	190	U	72	U	200	U	NS	Qual	NS	Qual	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	27.2	U	27.2	U	27.2	U	27.2	U	2.72	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		NS	
20-Sep-07		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		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	NS		0.11	U
6-Dec-07		NS		NS		0.11	U	NS		NS		NS		NS		NS		0.11	U	NS		0.11	U
8-Jan-08		NS		NS		NS		0.11	U	NS		NS		NS		NS		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	NS		0.11	U
1,1-Dichloroethane		15-Mar-07	360	U	350	U	350	U	350	U	340	U	140	U	53	U	150	U	NS	Qual	NS	Qual	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		NS	
	20-Sep-07	NS		2.02	U	NS		NS		NS		NS		NS		2.02	U	NS		NS		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	NS		0.08	U
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U
	8-Jan-08	NS		NS		NS		0.08	U	NS		NS		NS		NS		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	NS		0.08	U

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3			
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
1,1-Dichloroethene	15-Mar-07	360	U	340	U	340	U	350	U	340	U	140	U	53	U	150	U	NS	Qual	NS	Qual	NS	Qual		
	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		NS		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		NS	U	1.98		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	NS		0.08	U		
	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		NS		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			
	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	24.6	U	24.6	U	NS		NS		NS			
29-Jun-07		2.4		1.5		3.2		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		NS		NS		2.78		1.98		
7-Nov-07		NS		0.28		NS		NS		NS		0.43		NS		NS		NS		1.28		1.15		NS	
6-Dec-07		NS		NS		0.35		NS		NS		NS		NS		NS		NS		2.60		2.26		NS	
8-Jan-08		NS		NS		NS		2.00		NS		NS		NS		3.66		NS		11.7		NS		0.14	
8-Feb-08		0.21		NS		NS		NS		0.23		NS		NS		NS		NS		0.69		1.93		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		NS		3.84	U	NS		NS		NS		1.54	U	0.15		NS			
	20-Sep-07	NS		NS	U	NS		NS		NS		NS		NS		NS	U	NS		0.15		NS			
	9-Oct-07	3.84	U	NS		NS		NS		0.77	U	NS		NS		NS		NS	U	NS		NS			
	7-Nov-07	NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		NS	U	0.15	U	NS			
	6-Dec-07	NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		NS	U	0.15	U	NS			
	8-Jan-08	NS		NS		NS		0.15	U	NS		NS		NS		NS	U	NS	U	0.15	U	NS			
	8-Feb-08	0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		NS	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	U	NS		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		NS		0.12	U	NS			
6-Dec-07		NS		NS		0.12	U	NS		NS		NS		NS		NS		NS		0.12	U	NS			
8-Jan-08		NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS			
8-Feb-08		0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		NS		0.12	U	0.55		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		NS		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		NS		0.11		NS			
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	NS			
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	NS			
	8-Jan-08	NS		NS		NS		0.09		NS		NS		NS		NS		NS		0.08	U	NS			
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		NS		0.09	U	NS			

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,2-Dichloropropane	15-Mar-07	420	U	400	U	400	U	400	U	390	U	160	U	61	U	170	U	NS	Qual	NS	Qual	NS	Qual	
	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		NS		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		NS	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	NS		0.09	U	
	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		NS	U	NS		NS		NS		NS		NS	U	NS		NS	U	
	8-Feb-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		NS	U	0.09	U	0.09	U	U
	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		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		NS	0.61	
8-Jan-08		NS		NS		NS		0.51		NS		NS		NS		1.00		NS		2.90		NS	0.10	
8-Feb-08		0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		NS		0.47		0.66		U
1,3-Dichlorobenzene		15-Mar-07	540	U	520	U	520	U	520	U	510	U	210	U	79	U	220	U	NS		NS		NS	
	22-Mar-07	75.1	U	75.1	U	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		NS	U	NS		3.0		NS	0.12	
	9-Oct-07	3.0	U	NS		NS		NS		0.69	U	NS		NS		NS		0.12	U	NS		NS	0.12	
	7-Nov-07	NS		0.12	U	NS		NS		NS		0.12		NS		NS		0.12	U	0.12		NS	0.12	
	6-Dec-07	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		NS		0.12	U	NS	0.12	
	8-Jan-08	NS		NS		NS		0.12	U	NS		NS		NS		NS		NS	U	0.12	U	NS	0.12	
	8-Feb-08	0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		NS	U	0.12	U	0.12	U	U
	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		NS	111	
9-Oct-07		83.8		NS		NS		NS		31		NS		NS		NS		20.5		NS		NS	32.8	
7-Nov-07		NS		9.78		NS		NS		NS		13.9		NS		NS		45.6		NS		NS	44.3	
6-Dec-07		NS		NS		4.54		NS		NS		NS		7.22		NS		NS		40.5		NS	38.2	
8-Jan-08		NS		NS		NS		0.98		NS		NS		NS		NS		1.33		NS		NS	0.39	
8-Feb-08		1.56		NS		NS		NS		NS		NS		NS		NS		9.50		7.91		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		NS	0.34	
	9-Oct-07	7.98	U	NS		NS		NS		1.60	U	NS		NS		NS		NS		0.65		NS	0.62	
	7-Nov-07	NS		0.46		NS		NS		NS		0.45		NS		NS		NS		0.32		NS	0.64	
	6-Dec-07	NS		NS		0.45		NS		NS		NS		0.65		NS		NS		NS	U	NS	0.64	
	8-Jan-08	NS		NS		NS		0.69		NS		NS		NS		1.78		NS		2.80		NS	0.48	
	8-Feb-08	0.92		NS		NS		NS		0.98		NS		NS		NS		NS		0.54		NS	0.85	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
Bromodichloromethane	15-Mar-07	600	U	580	U	580	U	580	U	570	U	230	U	88	U	250	U	NS		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		NS		0.67	U	3.4	U	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		NS		3.35	U	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		U	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	NS		0.13		U	NS	U
	8-Feb-08	0.13	U	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13		U	NS	U
	Bromotom	15-Mar-07	930	U	890	U	890	U	900	U	890	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		2.1	U	NS		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		U	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	NS		0.21		U	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	U
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	NS		0.75	NS	
	20-Sep-07	NS		3.14	U	NS		NS		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	U	NS		NS	0.51	NS
	7-Nov-07	NS		0.62	U	NS		NS		NS		0.52	U	NS		NS		NS		NS		0.56	NS	NS
	6-Dec-07	NS		NS		0.45	U	NS		NS		NS		0.48	U	NS		NS		NS		0.50	NS	0.50
	8-Jan-08	NS		NS		NS		0.55	U	NS		NS		NS		0.56	U	NS		0.59		NS	0.57	NS
	8-Feb-08	0.44	U	NS		NS		NS		0.46	U	NS		NS		NS		0.53	U	0.45		NS	NS	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	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		2.3	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		U	0.09	U
7-Nov-07		NS		0.09	U	NS		NS		NS		NS		NS		NS		NS		0.09		U	NS	U
6-Dec-07		NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		U	0.09	U
8-Jan-08		NS		NS		NS		0.09	U	NS		NS		NS		0.14	U	NS		0.09		U	NS	U
8-Feb-08		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09		U	NS	U
Chloroethane		15-Mar-07	240	U	230	U	230	U	230	U	220	U	91	U	35	U	99	U	NS		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	U	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		NS		NS		NS		NS		0.53	U	0.06		U	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		NS		0.05		U	NS	U
	7-Nov-07	NS		0.05	U	NS		NS		NS		0.05	U	NS		NS		NS		0.05		U	NS	U
	6-Dec-07	NS		NS		0.11	U	NS		NS		NS		0.05	U	NS		NS		NS		U	0.05	U
	8-Jan-08	NS		NS		NS		0.11	U	NS		NS		NS		0.05	U	NS		NS		U	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	U

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Chloroform	15-Mar-07	440	U	420	U	420	U	420	U	410	U	170	U	64	U	180	U	NS	Qual	NS	Qual	NS	Qual	
	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		NS		NS		NS		NS		NS		NS		NS		NS		
	22-Aug-07	NS		NS		0.98	U	NS		2.44	U	NS		NS		NS		0.98	U	NS		NS		
	20-Sep-07	NS		2.44	U	NS		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		NS		0.20		NS	0.21	
	7-Nov-07	NS		0.16		NS		NS		NS		0.10	U	NS		NS		NS		0.23		NS	0.27	
	6-Dec-07	NS		NS		0.22		NS		NS		NS		NS		NS		NS		NS		0.14	0.21	
	8-Jan-08	NS		NS		NS		0.26		NS		NS		NS		NS		NS		NS		0.20	0.26	
	8-Feb-08	0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		NS		0.12		NS	NS	
	Chloromethane	15-Mar-07	4730	U	4400	U	4400	U	4500	U	4400	U	1800	U	880	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	U	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	NS		7.63	NS	
20-Sep-07		NS		61	U	NS		NS		NS		NS		NS		61	U	NS		NS		2.44	NS	
9-Oct-07		61	U	NS		NS		NS		12.2	U	NS		NS		NS		NS		2.96		NS	3.13	
7-Nov-07		NS		2.57		NS		NS		NS		3.25		NS		NS		NS		2.44	U	NS	NS	
6-Dec-07		NS		NS		2.44	U	NS		NS		NS		2.44	U	NS		NS		NS		2.44	NS	
8-Jan-08		NS		NS		NS		NS		NS		NS		NS		NS		NS		2.44	U	NS	2.44	
8-Feb-08		2.44	U	NS		NS		NS		2.44	U	NS		NS		NS		NS		2.44	U	NS	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		NS		NS		NS		NS		0.79	U	NS		NS		
	20-Sep-07	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.08	U	
	9-Oct-07	1.98	U	NS		NS		NS		0.40	U	NS		NS		NS		NS		0.08	U	NS	0.08	
	7-Nov-07	NS		0.08	U	NS		NS		NS		NS		NS		NS		NS		0.08	U	NS	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		NS		NS		NS		NS		0.08	U	
	8-Jan-08	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.08	U	
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		NS		0.08	U	NS	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	22.7	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		NS		NS		NS		NS		NS		NS		
22-Aug-07		NS		NS		0.91	U	NS		2.27	U	NS		NS		NS		0.91	U	NS		NS		
20-Sep-07		NS		2.27	U	NS		NS		NS		NS		NS		NS		NS		NS		0.09	U	
9-Oct-07		2.27	U	NS		NS		NS		0.45	U	NS		NS		NS		NS		0.09	U	NS	0.09	
7-Nov-07		NS		0.09	U	NS		NS		NS		NS		NS		NS		NS		NS		0.09	U	
6-Dec-07		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.09	U	
8-Jan-08		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.09	U	
8-Feb-08		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		NS		0.09	U	NS	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		NS		NS		NS		NS		NS		NS		
	22-Aug-07	NS		NS		0.96	U	NS		NS		NS		NS		NS		0.96	U	NS		NS		
	20-Sep-07	NS		2.4	U	NS		NS		NS		NS		NS		NS		NS		NS		0.10	U	
	9-Oct-07	2.4	U	NS		NS		NS		0.48	U	NS		NS		NS		NS		0.10	U	NS	0.10	
	7-Nov-07	NS		0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		0.10	U	NS	0.10	
	6-Dec-07	NS		NS		0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		0.10	U	
	8-Jan-08	NS		NS		NS		0.10	U	NS		NS		NS		NS		NS		NS		0.10	U	
	8-Feb-08	0.10	U	NS		NS		NS		0.10	U	NS		NS		NS		NS		0.10	U	NS	NS	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Dichlorodifluoromethane	15-Mar-07	450	U	420	U	420	U	430	U	420	U	170	U	65	U	180	U	NS	Qual	NS	Qual	NS	Qual	
	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		NS		2.30	U	0.25	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		NS		2.91		2.81		
	8-Feb-08	2.00		NS		NS		NS		2.03		NS		NS		NS		1.92		2.00		NS		
	Ethylbenzene	15-Mar-07	390	U	370	U	370	U	380	U	370	U	150	U	57	U	180	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	21.7	U	NS		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	NS		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	U	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		0.43	U	NS		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		
Methylene chloride		15-Mar-07	12000	U	12000	U	12000	U	12000	U	14000	U	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	34.7	U	NS		NS		NS		
	21-May-07	63.2	U	34.7	U	34.7	U	61.1	U	34.7	U	34.7	U	34.7	U	NS		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	U	NS		NS		34.9	U	NS	U	1.74	U	1.74	U	
	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	U	
	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	U	
	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		NS		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	U	
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	U	
8-Feb-08		0.07	U	NS		NS		NS		0.07	U	NS		NS		NS		0.14		0.07	U	NS	U	
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		

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3			
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
o-Xylene	15-Mar-07	390	U	370	U	370	U	380	U	370	U	150	U	57	U	160	U	NS	U	NS	U	NS	U		
	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	U	NS	U	NS	U		
	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	U	NS	U	NS	U		
	21-May-07	39.5	U	21.7	U	21.7	U	38.2	U	21.7	U	21.7	U	21.7	U	21.7	U	NS	U	NS	U	NS	U		
	29-Jun-07	7.0		0.50		0.46		0.61		0.59		0.87		0.72		0.50		NS		NS		NS		NS	
	30-Jul-07	0.80		NS		NS		0.87	U	NS		1.0		2.2	U	NS		NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.87	U	NS		2.17	U	NS		NS		NS		0.87	U	NS		0.77		NS	
	20-Sep-07	NS		2.17	U	NS		NS		NS		NS		NS		NS	U	NS		NS		1.34		1.63	
	9-Oct-07	2.17	U	NS		NS		NS		0.43	U	NS		NS		NS		1.54		NS		NS		0.94	
	7-Nov-07	NS		0.14		NS		NS		NS		0.19		NS		NS		NS		NS		0.48		0.71	
	6-Dec-07	NS		NS		0.14		NS		NS		NS		NS		0.16		NS		NS		1.10		0.85	
	8-Jan-08	NS		NS		NS		1.42		NS		NS		NS		NS		NS		NS		3.97		0.31	
	8-Feb-08	0.20		NS		NS		NS		0.23		NS		NS		NS		NS		NS		0.48		NS	
	Styrene	15-Mar-07	390	U	370	U	370	U	370	U	360	U	150	U	56	U	160	U	NS	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	NS	
29-Jun-07		0.70		0.43	U	0.43	U	0.49	U	0.53	U	0.85	U	0.64	U	0.45	U	NS		NS		NS		NS	
30-Jul-07		0.47		NS		NS		0.85	U	NS		0.47		2.1	U	NS		NS		NS		NS		NS	
22-Aug-07		NS		NS		0.85	U	NS		2.13	U	NS		NS		NS		0.85	U	NS		0.37		NS	
20-Sep-07		NS		2.13	U	NS		NS		NS		NS		NS		2.13	U	NS		NS		0.95		1.13	
9-Oct-07		2.13	U	NS		NS		NS		0.43	U	NS		NS		NS		0.43		NS		NS		0.62	
7-Nov-07		NS		0.11		NS		NS		NS		0.16		NS		NS		0.38		NS		0.47		0.75	
6-Dec-07		NS		NS		0.10		NS		NS		NS		0.12		NS		NS		NS		0.77		NS	
8-Jan-08		NS		NS		NS		0.10		NS		NS		NS		0.20		NS		NS		0.32		0.09	
8-Feb-08		0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		NS		NS		0.30		NS	
Tetrachloroethene*		15-Mar-07	610	U	580	U	580	U	590	U	580	U	230	U	90	U	250	U	NS	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	NS	
	29-Jun-07	0.88		0.78		0.75		2.2		NS		1.4		1.0		0.88		NS		NS		NS		NS	
	30-Jul-07	0.81		NS		NS		2.2		NS		1.0		3.4	U	NS		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.36	U	NS		3.39	U	NS		NS		NS		1.36	U	NS		1.86		2.53	
	20-Sep-07	NS		3.39	U	NS		NS		NS		NS		NS		3.39	U	NS		NS		8.37		1.82	
	9-Oct-07	3.39	U	NS		NS		NS		5.73	NS	NS		NS		NS		0.64		NS		NS		0.86	
	7-Nov-07	NS		0.21		NS		NS		NS		0.20		NS		NS		0.48		NS		8.36		NS	
	6-Dec-07	NS		NS		0.39		NS		NS		NS		0.36		NS		NS		NS		2.00		10.7	
	8-Jan-08	NS		NS		NS		3.55		NS		NS		NS		1.20		4.59		NS		NS		2.11	
	28-Jan-08	NS		NS		NS		NS		NS		NS		NS		0.14		NS		NS		NS		NS	
	8-Feb-08	0.35		NS		NS		NS		0.14	U	NS		NS		NS		0.53		NS		5.05		NS	
	Toluene	15-Mar-07	850	U	810	U	810	U	820	U	800	U	320	U	120	U	350	U	NS	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	NS	
21-May-07		34.3	U	26.2	U	18.8	U	57.3	U	47.4	U	18.8	U	1.92	U	18.8	U	NS	U	NS	U	NS	U	NS	
29-Jun-07		26		3.3		4.1		3.3		4.1		3.0		5.3		4.2		NS		NS		NS		NS	
30-Jul-07		5.3		NS		NS		2.9		NS		4.9		7.9		NS		NS		NS		NS		NS	
22-Aug-07		NS		NS		1.24	U	NS		1.88	U	NS		NS		NS		NS		NS		13.1		NS	
20-Sep-07		NS		3.0		NS		NS		NS		NS		NS		5.22		NS		NS		57.1		40	
9-Oct-07		7.15		NS		NS		NS		NS		1.0		NS		NS		NS		NS		NS		34	
7-Nov-07		NS		0.72		NS		NS		NS		1.14		NS		NS		NS		NS		9.34		40.8	
6-Dec-07		NS		NS		0.61		NS		NS		NS		0.90		NS		NS		NS		21.0		25.3	
8-Jan-08		NS		NS		NS		2.80		NS		NS		NS		12.6		NS		NS		21.1		20.4	
8-Feb-08		1.63		NS		NS		NS		1.80		NS		NS		NS		2.72		NS		455.0		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	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	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	U	NS	U	NS	U	NS	
	30-Jul-07	0.40	U	NS		NS		0.79	U	NS		NS		2.0	U	NS		NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.79	U	NS		1.98	U	NS		NS		NS		0.79	U	NS		0.08	U	NS	
	20-Sep-07	NS		1.98	U	NS		NS		NS		NS		NS		1.98	U	NS		NS		0.08	U	0.08	
	9-Oct-07	1.98	U	NS		NS		NS		0.40	U	NS		NS		NS		0.08	U	NS		NS		0.08	
	7-Nov-07	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.09	U	NS		0.08	U	NS	
	6-Dec-07	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	
	8-Jan-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	
	8-Feb-08	0.08	U	NS		NS		NS																	

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
trans-1,3-Dichloropropene	15-Mar-07	410	U	390	U	390	U	390	U	380	U	160	U	60	U	170	U	NS	U	NS	U	NS	U
	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	U	NS	U	NS	U
	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	U	NS	U	NS	U
	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	U	NS	U	NS	U
	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	U	NS	U	NS	U
	30-Jul-07	0.45	U	NS	U	NS	U	0.91	U	NS	U	NS	U	NS	U	2.3	U	NS	U	NS	U	NS	U
	22-Aug-07	NS	U	NS	U	0.91	U	NS	U	NS	U	2.27	U	NS	U	NS	U	0.91	U	0.09	U	NS	U
	20-Sep-07	NS	U	2.27	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.09	U	0.09	U
	9-Oct-07	2.27	U	NS	U	NS	U	NS	U	0.45	U	NS	U	NS	U	NS	U	0.09	U	NS	U	0.09	U
	7-Nov-07	NS	U	0.09	U	NS	U	NS	U	NS	U	0.09	U	NS	U	NS	U	0.09	U	NS	U	0.09	U
	6-Dec-07	NS	U	NS	U	0.09	U	NS	U	NS	U	NS	U	0.09	U	NS	U	NS	U	0.09	U	0.09	U
	8-Jan-08	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.09	U	NS	U	0.09	U
	8-Feb-08	0.09	U	NS	U	NS	U	NS	U	0.09	U	NS	U	NS	U	NS	U	0.09	U	0.09	U	0.09	U
	Trichloroethene*	15-Mar-07	480	U	460	U	460	U	470	U	460	U	190	U	71	U	200	U	NS	U	NS	U	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	U	NS	U	NS	U
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	U	NS	U	NS	U
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	U	NS	U	NS	U
29-Jun-07		0.54	U	0.54	U	0.54	U	22	U	100	U	1.1	U	0.62	U	0.54	U	NS	U	NS	U	NS	U
30-Jul-07		0.54	U	NS	U	NS	U	22	U	NS	U	0.54	U	2.7	U	NS	U	NS	U	NS	U	NS	U
22-Aug-07		NS	U	NS	U	1.07	U	NS	U	2.68	U	NS	U	NS	U	NS	U	1.07	U	8.14	U	NS	U
20-Sep-07		NS	U	2.68	U	NS	U	NS	U	NS	U	NS	U	NS	U	2.68	U	NS	U	31.9	U	4.27	U
9-Oct-07		2.68	U	NS	U	NS	U	NS	U	68.5	U	NS	U	NS	U	NS	U	1.13	U	NS	U	0.82	U
7-Nov-07		NS	U	0.12	U	NS	U	NS	U	NS	U	0.11	U	NS	U	NS	U	0.22	U	34.7	U	NS	U
6-Dec-07		NS	U	NS	U	0.17	U	NS	U	NS	U	NS	U	0.13	U	NS	U	NS	U	8.20	U	29.2	U
8-Jan-08		NS	U	NS	U	NS	U	45.2	U	NS	U	NS	U	NS	U	0.66	U	0.29	U	NS	U	7.39	U
8-Feb-08		0.12	U	NS	U	NS	U	NS	U	0.11	U	NS	U	NS	U	NS	U	0.20	U	19.60	U	NS	U
Trichlorofluoromethane		15-Mar-07	510	U	480	U	480	U	490	U	480	U	190	U	74	U	210	U	NS	U	NS	U	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	U	NS	U	NS	U
	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	U	NS	U	NS	U
	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	U	NS	U	NS	U
	29-Jun-07	1.3	U	1.5	U	1.2	U	52	U	33	U	1.4	U	3.8	U	1.3	U	NS	U	NS	U	NS	U
	30-Jul-07	1.7	U	NS	U	NS	U	52	U	NS	U	1.7	U	3.8	U	NS	U	NS	U	NS	U	NS	U
	22-Aug-07	NS	U	NS	U	2.81	U	NS	U	7.02	U	NS	U	NS	U	NS	U	2.81	U	11.2	U	NS	U
	20-Sep-07	NS	U	7.02	U	NS	U	NS	U	NS	U	NS	U	NS	U	7.02	U	NS	U	42.4	U	16.5	U
	9-Oct-07	7.02	U	NS	U	NS	U	NS	U	46.4	U	NS	U	NS	U	NS	U	1.46	U	NS	U	3.83	U
	7-Nov-07	NS	U	2.03	U	NS	U	NS	U	NS	U	1.53	U	NS	U	NS	U	1.59	U	40.9	U	NS	U
	6-Dec-07	NS	U	NS	U	2.10	U	NS	U	NS	U	NS	U	1.37	U	NS	U	NS	U	14.1	U	24.1	U
	8-Jan-08	NS	U	NS	U	NS	U	28.5	U	NS	U	NS	U	NS	U	1.79	U	1.76	U	NS	U	18.9	U
	8-Feb-08	1.22	U	NS	U	NS	U	NS	U	1.22	U	NS	U	NS	U	NS	U	1.06	U	15.9	U	NS	U
	Vinyl chloride*	15-Mar-07	230	U	220	U	220	U	220	U	220	U	88	U	34	U	96	U	NS	U	NS	U	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	U	NS	U	NS	U
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	U	NS	U	NS	U
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	U	NS	U	NS	U
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	U	NS	U	NS	U
30-Jul-07		0.26	U	NS	U	NS	U	0.51	U	NS	U	NS	U	1.3	U	NS	U	NS	U	NS	U	NS	U
22-Aug-07		NS	U	NS	U	0.51	U	NS	U	1.28	U	NS	U	NS	U	NS	U	0.51	U	0.05	U	NS	U
20-Sep-07		NS	U	1.28	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.05	U	0.05	U
9-Oct-07		1.28	U	NS	U	NS	U	NS	U	0.26	U	NS	U	NS	U	NS	U	0.05	U	NS	U	NS	U
7-Nov-07		NS	U	0.05	U	NS	U	NS	U	NS	U	0.05	U	NS	U	NS	U	0.05	U	NS	U	NS	U
6-Dec-07		NS	U	NS	U	0.05	U	NS	U	NS	U	NS	U	0.05	U	NS	U	NS	U	0.05	U	0.05	U
8-Jan-08		NS	U	NS	U	NS	U	0.05	U	NS	U	NS	U	NS	U	0.05	U	NS	U	NS	U	0.05	U
8-Feb-08		0.05	U	NS	U	NS	U	NS	U	0.05	U	NS	U	NS	U	NS	U	0.05	U	0.05	U	0.05	U
Acrylonitrile		15-Mar-07	4900	U	4700	U	4700	U	4700	U	4600	U	1900	U	720	U	2000	U	NS	U	NS	U	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	U	NS	U	NS	U
	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	U	NS	U	NS	U
	21-May-07	19.7	U	10.8	U	10.8	U	19.1	U	10.8	U	10.8	U	10.8	U	10.8	U	NS	U	NS	U	NS	U
	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	U	NS	U	NS	U
	30-Jul-07	5.4	U	NS	U	NS	U	11	U	NS	U	5.4	U	27	U	NS	U	NS	U	NS	U	NS	U
	22-Aug-07	NS	U	NS	U	10.8	U	NS	U	27.1	U	NS	U	NS	U	NS	U	10.8	U	1.08	U	NS	U
	20-Sep-07	NS	U	27.1	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	1.08	U	1.08	U
	9-Oct-07	27.1	U	NS	U	NS	U	NS	U	5.42	U	NS	U	NS	U	NS	U	1.08	U	NS	U	1.08	U
	7-Nov-07	NS	U	1.08	U	NS	U	NS	U	NS	U	1.08	U	NS	U	NS	U	1.08	U	NS	U	1.08	U
	6-Dec-07	NS	U	NS	U	1.08	U	NS	U	NS	U	NS	U	1.08	U	NS	U	1.08	U	NS	U	1.08	U
	8-Jan-08																						

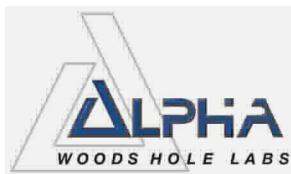
**Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - February 2008, continued**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
n-Butylbenzene	15-Mar-07	12000	U	12000	U	12000	U	12000	U	12000	U	4700	U	1800	U	5100	U	NS	Qual	NS	Qual	NS	Qual	
	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	2.74	U	
	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	2.74	U	
	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		NS		2.74	U	2.74	U	2.74	U	
	8-Feb-08	2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	
	sec-Butylbenzene	15-Mar-07	11000	U	11000	U	11000	U	11000	U	10000	U	4200	U	1600	U	4600	U	NS	Qual	NS	Qual	NS	Qual
		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	2.74	U	
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	2.74	U	
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		NS		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	2.74	U	
Isopropylbenzene		15-Mar-07	11000	U	11000	U	11000	U	11000	U	10000	U	4200	U	1600	U	4600	U	NS	Qual	NS	Qual	NS	Qual
		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		NS		NS		24.6	U	NS		NS		NS		24.6	U	2.46	U	2.46	U	
	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	2.46	U	
	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	NS		2.46	U	2.46	U	
	8-Feb-08	2.46	U	NS		NS		NS		2.46	U	NS		NS		NS		2.46	U	2.46	U	2.46	U	
	p-Isopropyltoluene	15-Mar-07	12000	U	12000	U	12000	U	12000	U	12000	U	4700	U	1800	U	5100	U	NS	Qual	NS	Qual	NS	Qual
		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	2.74	U	
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	2.74	U	
6-Dec-07		NS		NS		2.74	U	NS		NS		NS		NS		NS		2.74	U	2.74	U	2.74	U	
8-Jan-08		NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	2.74	U	
8-Feb-08		2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	
Acetone		15-Mar-07	2000000		2400000		1300000		1900000		250000		2300000		91000		1200000		NS	Qual	NS	Qual	NS	Qual
		22-Mar-07	44100		93600		583000		55500		547000		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	U	NS		
	20-Sep-07	NS		1100		NS		NS		NS		NS		NS		483		NS		19.3	U	22.5	U	
	9-Oct-07	119		NS		NS		NS		66.4		NS		NS		NS		12.6	U	NS		16.5	U	
	7-Nov-07	NS		43.7		NS		NS		NS		255		NS		NS		5.21	U	8.10	U	NS		
	6-Dec-07	NS		NS		25.2		NS		NS		NS		14.0		NS		NS		11.3	U	10.1	U	
	8-Jan-08	NS		NS		NS		40.7		NS		NS		NS		66.5		10.7	U	NS		5.65	U	
	8-Feb-08	17.2		NS		NS		NS		4.75		NS		NS		NS		5.62	U	11.4	U	NS		

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

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3			
		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual			
2-Butanone	15-Mar-07	19000000		18000000		6000000		16000000		3600000		6800000		700000		6700000		NS		NS		NS			
	22-Mar-07	5050000		11800000		35900000		7420000		7390000		51200000		51900		3570000		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		NS		NS		NS		NS		2.74		2.46		NS	
	6-Dec-07	NS		NS		49.4		NS		NS		NS		36.9		NS		NS		NS		33.4		22.9	
	8-Jan-08	NS		NS		NS		331		NS		NS		NS		566		NS		1.77		NS		1.47	U
	8-Feb-08	126		NS		NS		NS		1.47	U	NS		NS		NS		NS		3.08		10.6		NS	
	4-Methyl-2-pentanone	15-Mar-07	9200	U	8800	U	8800	U	8800	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		
9-Oct-07		51.2	U	NS		NS		NS		10.2	U	NS		NS		NS		2.05	U	NS		NS		2.05	
7-Nov-07		NS		2.05	U	NS		NS		NS		2.05	U	NS		NS		2.05	U	2.09		NS		2.05	
6-Dec-07		NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		NS		NS		2.05		U	
8-Jan-08		NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05		NS		2.05	
8-Feb-08		2.05	U	NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	8.70		NS		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: L0718149

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

ATTN: Peter Grivers

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Report Date: 12/19/07

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: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

Alpha Sample ID	Client ID	Sample Location
L0718149-01	GYM	PROVIDENCE, RI
L0718149-02	CAFETERIA	PROVIDENCE, RI
L0718149-03	KITCHEN STORAGE	PROVIDENCE, RI
L0718149-04	ELEV. HALLWAY	PROVIDENCE, RI
L0718149-05	ROOM 145	PROVIDENCE, RI
L0718149-06	ROOM 152	PROVIDENCE, RI
L0718149-07	ROOM 118	PROVIDENCE, RI
L0718149-08	ROOM 110	PROVIDENCE, RI
L0718149-09	AMBIENT OUTDOOR	PROVIDENCE, RI
L0718149-10	IMP-2	PROVIDENCE, RI
L0718149-11	IMP-3	PROVIDENCE, RI
L0718149-12	MP-7	PROVIDENCE, RI
L0718149-13	MP-3	PROVIDENCE, RI

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

TO15-SIM

L0718149-10 through -13 were re-analyzed due to over dilution of the original analyses. The results of the re-analyses are reported.

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: 12/19/07

AIR

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-01
 Client ID: GYM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 16:17
 Analyst: HM

Date Collected: 12/06/07 07:37
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.307	0.020	1.51	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.150	0.020	0.739	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.213	0.200	0.680	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.498	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-01

Date Collected: 12/06/07 07:37

Client ID: GYM

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.502	0.050	2.48	0.247		1
Ethylbenzene	0.144	0.020	0.626	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	0.476	0.040	2.07	0.174		1
o-Xylene	0.166	0.020	0.722	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.247	0.020	0.930	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	0.244	0.050	1.37	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 16:54
 Analyst: HM

Date Collected: 12/06/07 07:36
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.136	0.020	0.670	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.071	0.020	0.349	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.257	0.200	0.820	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.080	0.020	0.504	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.086	0.020	0.419	0.098		1
Chloromethane	0.569	0.500	2.78	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-02

Date Collected: 12/06/07 07:36

Client ID: CAFETERIA

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.539	0.050	2.66	0.247		1
Ethylbenzene	0.042	0.020	0.181	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	0.124	0.040	0.540	0.174		1
o-Xylene	0.047	0.020	0.204	0.087		1
Styrene	0.024	0.020	0.100	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.236	0.020	0.890	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	0.290	0.050	1.63	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	23.9	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-03
 Client ID: KITCHEN STORAGE
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 17:31
 Analyst: HM

Date Collected: 12/06/07 07:35
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.116	0.020	0.568	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.061	0.020	0.298	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.231	0.200	0.738	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.081	0.020	0.507	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	0.506	0.500	2.47	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-03

Date Collected: 12/06/07 07:35

Client ID: KITCHEN STORAGE

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.547	0.050	2.70	0.247		1
Ethylbenzene	0.039	0.020	0.167	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	0.111	0.040	0.482	0.174		1
o-Xylene	0.044	0.020	0.193	0.087		1
Styrene	0.057	0.020	0.243	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.229	0.020	0.862	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	0.293	0.050	1.65	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	7.90	2.00	18.8	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: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-04
 Client ID: ELEV. HALLWAY
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 18:08
 Analyst: HM

Date Collected: 12/06/07 07:45
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.338	0.020	1.66	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.174	0.020	0.853	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.223	0.200	0.711	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.075	0.020	0.473	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.033	0.020	0.163	0.098		1
Chloromethane	0.710	0.500	3.46	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: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

SAMPLE RESULTS

Lab ID: L0718149-04

Date Collected: 12/06/07 07:45

Client ID: ELEV. HALLWAY

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.498	0.050	2.46	0.247		1
Ethylbenzene	0.076	0.020	0.330	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	0.242	0.040	1.05	0.174		1
o-Xylene	0.092	0.020	0.398	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.236	0.020	0.888	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	0.249	0.050	1.40	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.08	2.00	4.95	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 18:47
 Analyst: HM

Date Collected: 12/06/07 07:46
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.074	0.020	0.362	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.030	0.020	0.145	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.226	0.200	0.723	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.078	0.020	0.487	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	0.516	0.500	2.52	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-05

Date Collected: 12/06/07 07:46

Client ID: ROOM 145

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.488	0.050	2.41	0.247		1
Ethylbenzene	0.037	0.020	0.159	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	0.094	0.040	0.410	0.174		1
o-Xylene	0.039	0.020	0.167	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.192	0.020	0.725	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	0.237	0.050	1.33	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 19:24
 Analyst: HM

Date Collected: 12/06/07 07:47
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.080	0.020	0.394	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.037	0.020	0.181	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.214	0.200	0.683	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.497	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	0.544	0.500	2.66	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: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

SAMPLE RESULTS

Lab ID: L0718149-06

Date Collected: 12/06/07 07:47

Client ID: ROOM 152

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.504	0.050	2.49	0.247		1
Ethylbenzene	0.034	0.020	0.149	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	0.101	0.040	0.438	0.174		1
o-Xylene	0.039	0.020	0.167	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.191	0.020	0.718	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	0.243	0.050	1.36	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	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 20:01
 Analyst: HM

Date Collected: 12/06/07 07:52
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.037	0.020	0.181	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.212	0.200	0.678	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.497	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-07

Date Collected: 12/06/07 07:52

Client ID: ROOM 118

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.506	0.050	2.50	0.247		1
Ethylbenzene	0.035	0.020	0.152	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	0.089	0.040	0.384	0.174		1
o-Xylene	0.035	0.020	0.153	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.212	0.020	0.797	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	0.242	0.050	1.36	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	5.05	2.00	12.0	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: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 20:38
 Analyst: HM

Date Collected: 12/06/07 07:53
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.036	0.020	0.177	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	0.202	0.200	0.645	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.075	0.020	0.469	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-08

Date Collected: 12/06/07 07:53

Client ID: ROOM 110

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.499	0.050	2.46	0.247		1
Ethylbenzene	0.052	0.020	0.225	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	0.100	0.040	0.436	0.174		1
o-Xylene	0.037	0.020	0.161	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.183	0.020	0.688	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	0.240	0.050	1.34	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.72	2.00	13.6	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-09
 Client ID: AMBIENT OUTDOOR
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 21:15
 Analyst: HM

Date Collected: 12/06/07 00:00
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.022	0.020	0.108	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.080	0.020	0.502	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: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

SAMPLE RESULTS

Lab ID: L0718149-09

Date Collected: 12/06/07 00:00

Client ID: AMBIENT OUTDOOR

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.516	0.050	2.55	0.247		1
Ethylbenzene	0.027	0.020	0.115	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	0.067	0.040	0.289	0.174		1
o-Xylene	0.024	0.020	0.105	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.206	0.020	0.774	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	0.245	0.050	1.38	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	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-10 R
 Client ID: IMP-2
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 21:53
 Analyst: HM

Date Collected: 12/06/07 08:08
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.063	0.020	0.342	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	0.530	0.020	2.60	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.144	0.020	0.710	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	6.75	0.020	40.5	0.120		1
Benzene	ND	0.200	ND	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.498	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.029	0.020	0.143	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-10 R

Date Collected: 12/06/07 08:08

Client ID: IMP-2

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.474	0.050	2.34	0.247		1
Ethylbenzene	0.202	0.020	0.877	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	0.686	0.040	2.98	0.174		1
o-Xylene	0.255	0.020	1.10	0.087		1
Styrene	0.181	0.020	0.770	0.085		1
Tetrachloroethene	0.296	0.020	2.00	0.136		1
Toluene	5.58	0.020	21.0	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	1.53	0.020	8.20	0.107		1
Trichlorofluoromethane	2.52	0.050	14.1	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	4.77	2.00	11.3	4.75		1
2-Butanone	11.4	0.500	33.4	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-11 R
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 22:30
 Analyst: HM

Date Collected: 12/06/07 08:13
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.172	0.020	0.939	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	0.460	0.020	2.26	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.123	0.020	0.605	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	6.36	0.020	38.2	0.120		1
Benzene	ND	0.200	ND	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.079	0.020	0.498	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



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-11 R

Date Collected: 12/06/07 08:13

Client ID: IMP-3

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.482	0.050	2.38	0.247		1
Ethylbenzene	0.155	0.020	0.674	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	0.518	0.040	2.25	0.174		1
o-Xylene	0.196	0.020	0.850	0.087		1
Styrene	0.175	0.020	0.746	0.085		1
Tetrachloroethene	1.58	0.020	10.7	0.136		1
Toluene	6.73	0.020	25.3	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	5.44	0.020	29.2	0.107		1
Trichlorofluoromethane	4.29	0.050	24.1	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	4.25	2.00	10.1	4.75		1
2-Butanone	7.78	0.500	22.9	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-12 R
 Client ID: MP-7
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 23:07
 Analyst: HM

Date Collected: 12/06/07 11:00
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.071	0.020	0.349	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.20	0.020	7.22	0.120		1
Benzene	0.203	0.070	0.649	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.077	0.020	0.482	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-12 R
 Client ID: MP-7
 Sample Location: PROVIDENCE, RI

Date Collected: 12/06/07 11:00
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.498	0.050	2.46	0.247		1
Ethylbenzene	0.037	0.020	0.160	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	0.103	0.040	0.447	0.174		1
o-Xylene	0.037	0.020	0.162	0.087		1
Styrene	0.027	0.020	0.115	0.085		1
Tetrachloroethene	0.053	0.020	0.356	0.136		1
Toluene	0.239	0.020	0.901	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	0.024	0.020	0.131	0.107		1
Trichlorofluoromethane	0.245	0.050	1.37	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.92	2.00	14.0	4.75		1
2-Butanone	12.5	0.500	36.9	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-13 R
 Client ID: MP-3
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/17/07 23:44
 Analyst: HM

Date Collected: 12/06/07 11:45
 Date Received: 12/06/07
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.070	0.020	0.345	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.038	0.020	0.186	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.756	0.020	4.54	0.120		1
Benzene	0.141	0.070	0.450	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.448	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.043	0.020	0.112	0.053		1
Chloroform	0.045	0.020	0.220	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:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**SAMPLE RESULTS**

Lab ID: L0718149-13 R

Date Collected: 12/06/07 11:45

Client ID: MP-3

Date Received: 12/06/07

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.635	0.050	3.14	0.247		1
Ethylbenzene	0.028	0.020	0.123	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	0.082	0.040	0.357	0.174		1
o-Xylene	0.032	0.020	0.138	0.087		1
Styrene	0.024	0.020	0.101	0.085		1
Tetrachloroethene	0.058	0.020	0.392	0.136		1
Toluene	0.161	0.020	0.607	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.031	0.020	0.165	0.107		1
Trichlorofluoromethane	0.373	0.050	2.10	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	10.6	2.00	25.2	4.75		1
2-Butanone	16.8	0.500	49.4	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 12/17/07 12:20

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-13 Batch: WG306032-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 12/17/07 12:20

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-13 Batch: WG306032-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 Batch: WG306032-2					
1,1,1-Trichloroethane	101	-	70-130	-	
1,1,1,2-Tetrachloroethane	105	-	70-130	-	
1,1,2,2-Tetrachloroethane	116	-	70-130	-	
1,1,2-Trichloroethane	96	-	70-130	-	
1,1-Dichloroethane	99	-	70-130	-	
1,1-Dichloroethene	105	-	70-130	-	
1,2,4-Trimethylbenzene	114	-	70-130	-	
1,2-Dibromoethane	111	-	70-130	-	
1,2-Dichlorobenzene	114	-	70-130	-	
1,2-Dichloroethane	90	-	70-130	-	
1,2-Dichloropropane	91	-	70-130	-	
1,3,5-Trimethylbenzene	110	-	70-130	-	
1,3-Butadiene	109	-	70-130	-	
1,3-Dichlorobenzene	111	-	70-130	-	
1,4-Dichlorobenzene	111	-	70-130	-	
Benzene	98	-	70-130	-	
Bromodichloromethane	94	-	70-130	-	
Bromoform	88	-	70-130	-	
Bromomethane	113	-	70-130	-	
Carbon tetrachloride	102	-	70-130	-	
Chlorobenzene	110	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 Batch: WG306032-2					
Chloroethane	111	-	70-130	-	
Chloroform	103	-	70-130	-	
Chloromethane	98	-	70-130	-	
cis-1,2-Dichloroethene	98	-	70-130	-	
cis-1,3-Dichloropropene	92	-	70-130	-	
Dibromochloromethane	102	-	70-130	-	
Dichlorodifluoromethane	107	-	70-130	-	
Ethylbenzene	104	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	111	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	115	-	70-130	-	
Methylene chloride	96	-	70-130	-	
Methyl tert butyl ether	103	-	70-130	-	
Naphthalene	141	-	70-130	-	
p/m-Xylene	105	-	70-130	-	
o-Xylene	104	-	70-130	-	
Styrene	114	-	70-130	-	
Tetrachloroethene	119	-	70-130	-	
Toluene	100	-	70-130	-	
trans-1,2-Dichloroethene	98	-	70-130	-	
trans-1,3-Dichloropropene	85	-	70-130	-	
Trichloroethene	103	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 Batch: WG306032-2					
1,2,4-Trichlorobenzene	144	-	70-130	-	
Trichlorofluoromethane	111	-	70-130	-	
Vinyl chloride	110	-	70-130	-	
Acrylonitrile	105	-	70-130	-	
n-Butylbenzene	122	-	70-130	-	
sec-Butylbenzene	113	-	70-130	-	
Isopropylbenzene	109	-	70-130	-	
p-Isopropyltoluene	107	-	70-130	-	
Acetone	102	-	70-130	-	
2-Butanone	114	-	70-130	-	
4-Methyl-2-pentanone	106	-	70-130	-	
Halothane	54	-	70-130	-	
1,2,3-Trichlorobenzene	146	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0718149

Report Date: 12/19/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG306032-4 QC Sample: L0718149-13 Client ID: MP-3					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.070	0.071	ppbV	1	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.038	0.038	ppbV	0	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.756	0.752	ppbV	1	25
Benzene	0.141	0.154	ppbV	9	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.071	0.073	ppbV	3	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0718149

Report Date: 12/19/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG306032-4 QC Sample: L0718149-13 Client ID: MP-3					
Chloroethane	0.043	0.042	ppbV	2	25
Chloroform	0.045	0.046	ppbV	2	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	0.635	0.609	ppbV	4	25
Ethylbenzene	0.028	0.028	ppbV	0	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.082	0.084	ppbV	2	25
o-Xylene	0.032	0.032	ppbV	2	25
Styrene	0.024	0.023	ppbV	3	25
Tetrachloroethene	0.058	0.061	ppbV	4	25
Toluene	0.161	0.166	ppbV	3	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.031	0.033	ppbV	7	25
Trichlorofluoromethane	0.373	0.358	ppbV	4	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0718149

Report Date: 12/19/07

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG306032-4 QC Sample: L0718149-13 Client ID: MP-3					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
Acetone	10.6	10.6	ppbV	0	25
2-Butanone	16.8	18.5	ppbV	10	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0718149**Project Number:** 6196501.1005**Report Date:** 12/19/07**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0718149-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-10A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-11A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-12A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0718149-13A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0718149
Report Date: 12/19/07

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0718149

Project Number: 6196501.1005

Report Date: 12/19/07

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
CHAIN-OF-CUSTODY

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **EA Engineering, Sci, Tech**
Address: **2350 Post Rd.**
Warwick RI 02886

Phone: **401-736-3440**
Fax: **401-736-3423**

Email: **pgrivers@equest.com**
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project Information

Project Name: **Abelide H.S.**
Project Location: **Providence, RI**
Project #: **6196501.1005**
Project Manager: **Peter Grivers**
ALPHA Quote #:
Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
5 DAYS TO-13: 10 DAYS
Date Due: Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

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

ALPHA Job #: **20718149**

Billing Information

Same as Client info PO #: **4239**

Regulatory Requirements/Report Limits

State/Fed Program Criteria
CT Draft Proposed Res Target
Air Compounds

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	Sample Comments (i.e. PID)		
		Date	Start Time						End Time	
20718149-1	Gym	12-6-07	0767	0737	A	NA/PT	194	0331	X	PID = ND
2	Cafeteria		0706	0736			152	0364		
3	Kitchen Storage		0705	0735			489	0339		
4	Elev. Hallway		0715	0745			216	0152		
5	Room 145		0716	0746			446	0337		
6	Room 152		0717	0747			214	0336		
7	Room 118		0722	0752			1066	0338		
8	Room 110		0723	0753			219	0149		
9	Ambient Outdoor						221	0299		

Shaded Gray Areas For Lab Use Only

Container Type

CS

Relinquished By:

Paul Thayer

Date/Time

10/6/07 1600

Received By:

[Signature]

Date/Time:

12/6/07 1600

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



CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **EA Engineering, Sci., & Tech**

Address: **2350 Asst Rd**

Warwick, RI 02886

Phone: **401-736-3440**

Fax: **401-736-3423**

Email: **pgrivers@east.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project Information

Project Name: **Adelaide H.S.**

Project Location: **Providence RI**

Project #: **6196501.1005**

Project Manager: **Peter Grivers**

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

5 DAYS TO-13: 10 DAYS

Date Due: Time:

Date Rec'd in Lab:

Report Information - Data Deliverables

FAX
 ADEX

Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)

Other Formats:

EMAIL (standard pdf report)

Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: **60718149**

Billing Information

Same as Client Info PO #: **4239**

Regulatory Requirements/Report Limits

State/Fed Program Criteria

CT Data Reported As Target

As Compounds

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	ANALYSIS						Sample Comments (i.e. PID)			
		Date	Start Time					End Time	TO-14A	TO-15	TO-15 SIM	APH	DISSOLVED GASES		FIXED GASES	TO-13A	TO-15 SULFIDES/MERCAPTANS
L0718149-10	IMP-2	12-6-07	0738	0808	SV	DA/PT	487	0308									PID 5.96 ppm
-11	IMP-3		0750	0815			252	0636									PID 62.5 ppm
-12	MP-7		1030	1100			512	0326									PID 0.048 ppm
-13	MP-3		1115	1145			210	0158									PID 0.076 ppm

Shaded Gray Areas For Lab Use Only

Container Type: **CS**

Relinquished By:

Paul Thayer

Date/Time

12/6/07 16:00

Received By:

[Signature]

Date/Time:

12/6/07 16:00

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

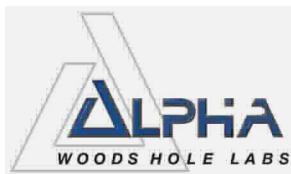
Air Canister Query													
Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0086	RECEIVED	38859	L0718149-11	05-DEC-2007	05-DEC-2007				78	82	5		07-DEC-2007
0149	RECEIVED	38859	L0718149-08	05-DEC-2007	05-DEC-2007				76	79	4		07-DEC-2007
0152	RECEIVED	38859	L0718149-04	05-DEC-2007	05-DEC-2007				81	82	1		07-DEC-2007
0158	RECEIVED	38859	L0718149-13	05-DEC-2007	05-DEC-2007				81	84	4		07-DEC-2007
0299	RECEIVED	38859	L0718149-09	05-DEC-2007	05-DEC-2007				79	81	3		07-DEC-2007
0304	RECEIVED	38859	L0718149-02	05-DEC-2007	05-DEC-2007				78	80	3		07-DEC-2007
0308	RECEIVED	38859	L0718149-10	05-DEC-2007	05-DEC-2007				77	79	3		07-DEC-2007
0326	RECEIVED	38859	L0718149-12	05-DEC-2007	05-DEC-2007				81	83	2		07-DEC-2007
0331	RECEIVED	38859	L0718149-01	05-DEC-2007	05-DEC-2007				78	82	5		07-DEC-2007
0336	RECEIVED	38859	L0718149-06	05-DEC-2007	05-DEC-2007				78	83	8		07-DEC-2007
0337	RECEIVED	38859	L0718149-05	05-DEC-2007	05-DEC-2007				79	81	3		07-DEC-2007
0338	RECEIVED	38859	L0718149-07	05-DEC-2007	05-DEC-2007				78	80	3		07-DEC-2007
0339	RECEIVED	38859	L0718149-03	05-DEC-2007	05-DEC-2007				76	78	3		07-DEC-2007
1066	RECEIVED	38859	L0718149-07	05-DEC-2007		L0717333	-30.0	-0.1					07-DEC-2007
152	RECEIVED	38859	L0718149-02	05-DEC-2007		L0717333	-30.0	-1.5					07-DEC-2007
194	RECEIVED	38859	L0718149-01	05-DEC-2007		L0717333	-30.0	-1.3					07-DEC-2007

Double Click Aircan ID to see its audit trail

Air Canister Query													
Aircan Id	Container Status	Bottle Order	Samplenum	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0338	RECEIVED	38859	L0718149-07	05-DEC-2007	05-DEC-2007				78	80	3		07-DEC-2007
0338	RECEIVED	38859	L0718149-03	05-DEC-2007	05-DEC-2007				76	78	3		07-DEC-2007
1086	RECEIVED	38859	L0718149-07	05-DEC-2007		L0717333	-30.0	-0.1					07-DEC-2007
152	RECEIVED	38859	L0718149-02	05-DEC-2007		L0717333	-30.0	-1.5					07-DEC-2007
184	RECEIVED	38859	L0718149-01	05-DEC-2007		L0717333	-30.0	-1.3					07-DEC-2007
210	RECEIVED	38859	L0718149-13	05-DEC-2007		L0717333	-30.0	-4.5					07-DEC-2007
214	RECEIVED	38859	L0718149-06	05-DEC-2007		L0717333	-30.0	-1.6					07-DEC-2007
216	RECEIVED	38859	L0718149-04	05-DEC-2007		L0717333	-30.0	-3.3					07-DEC-2007
219	RECEIVED	38859	L0718149-08	05-DEC-2007		L0717333	-30.0	-4.7					07-DEC-2007
221	RECEIVED	38859	L0718149-09	05-DEC-2007		L0717333	-30.0	-0.5					07-DEC-2007
252	RECEIVED	38859	L0718149-11	05-DEC-2007		L0717333	-30.0	0.0					07-DEC-2007
448	RECEIVED	38859	L0718149-05	05-DEC-2007		L0717333	-30.0	-1.9					07-DEC-2007
487	RECEIVED	38859	L0718149-10	05-DEC-2007		L0717333	-30.0	-9.9					07-DEC-2007
489	RECEIVED	38859	L0718149-03	05-DEC-2007		L0717333	-30.0	-4.9					07-DEC-2007
512	RECEIVED	38859	L0718149-12	05-DEC-2007		L0717333	-30.0	-1.0					07-DEC-2007

Double Click Aircan ID to see its audit trail

Query Save Exit



ANALYTICAL REPORT

Lab Number: L0800291

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

ATTN: Peter Grivers

Project Name: GORHAM SCHOOL

Project Number: 6196501

Report Date: 01/22/08

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

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



Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

Alpha Sample ID	Client ID	Sample Location
L0800291-01	GYM	PROVIDENCE, RI
L0800291-02	CAFETERIA	PROVIDENCE, RI
L0800291-03	KITCHEN STORAGE ROOM	PROVIDENCE, RI
L0800291-04	ELEVATOR HALLWAY	PROVIDENCE, RI
L0800291-05	ROOM 145	PROVIDENCE, RI
L0800291-06	ROOM 152	PROVIDENCE, RI
L0800291-07	ROOM 118	PROVIDENCE, RI
L0800291-08	ROOM 110	PROVIDENCE, RI
L0800291-09	MP-4	PROVIDENCE, RI
L0800291-10	MP-8	PROVIDENCE, RI
L0800291-11	IMP-1	PROVIDENCE, RI
L0800291-12	IMP-3	PROVIDENCE, RI
L0800291-13	AMBIENT OUTDOOR AIR	PROVIDENCE, RI

Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

Volatile Organics in Air by TO-15 SIM

L0800291-09 and -10 required re-analysis on dilution in order to quantitate the samples within the range of the calibration. 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 range of the calibration.

L0800291-10 was re-analyzed in order to obtain lower reporting limits.

L0800291-11, -12, and -13 were re-analyzed due to over dilution of the original analyses. The results of the re-analyses are reported.

The WG308843-2 LCS % recovery for Acrylonitrile is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

The WG308843-9 LCS % recoveries for 1,2 Dichloropropane, Cis-1,3-Dichloropropene, Toluene, and Trans-1,3-Dichloropropene are outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

The WG308843-12 LCS % recovery for Toluene is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore analysis proceeded.

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

Authorized Signature:



Title: Technical Director/Representative

Date: 01/22/08

AIR

Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-01
 Client ID: GYM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 12:58
 Analyst: HM

Date Collected: 01/08/08 07:37
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.610	0.020	3.00	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.280	0.020	1.38	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.047	0.020	0.279	0.120		1
Benzene	0.496	0.200	1.58	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.564	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.125	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-01

Date Collected: 01/08/08 07:37

Client ID: GYM

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.523	0.050	2.59	0.247		1
Ethylbenzene	0.300	0.020	1.30	0.087		1
Methylene chloride	0.859	0.800	2.98	1.74		1
Methyl tert butyl ether	0.033	0.020	0.119	0.072		1
p/m-Xylene	1.00	0.040	4.35	0.174		1
o-Xylene	0.365	0.020	1.58	0.087		1
Styrene	0.031	0.020	0.133	0.085		1
Tetrachloroethene	0.214	0.020	1.45	0.136		1
Toluene	0.849	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	0.024	0.020	0.129	0.107		1
Trichlorofluoromethane	0.277	0.050	1.56	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.90	2.00	6.88	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-02
 Client ID: CAFETERIA
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 13:35
 Analyst: HM

Date Collected: 01/08/08 07:35
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.025	0.020	0.138	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.188	0.020	0.922	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.058	0.020	0.283	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.072	0.020	0.431	0.120		1
Benzene	0.505	0.200	1.61	0.638		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	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.128	0.098		1
Chloromethane	0.508	0.500	2.48	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-02

Date Collected: 01/08/08 07:35

Client ID: CAFETERIA

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.563	0.050	2.78	0.247		1
Ethylbenzene	0.158	0.020	0.686	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	0.448	0.040	1.94	0.174		1
o-Xylene	0.175	0.020	0.760	0.087		1
Styrene	0.022	0.020	0.094	0.085		1
Tetrachloroethene	0.327	0.020	2.22	0.136		1
Toluene	0.870	0.020	3.27	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	0.144	0.107		1
Trichlorofluoromethane	0.279	0.050	1.57	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	3.78	2.00	8.98	4.75		1
2-Butanone	0.530	0.500	1.56	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-03
 Client ID: KITCHEN STORAGE ROOM
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 14:13
 Analyst: HM

Date Collected: 01/08/08 07:36
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.029	0.020	0.160	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.198	0.020	0.975	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.062	0.020	0.304	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.060	0.020	0.359	0.120		1
Benzene	0.629	0.200	2.01	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.091	0.020	0.573	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.027	0.020	0.071	0.053		1
Chloroform	0.035	0.020	0.170	0.098		1
Chloromethane	0.517	0.500	2.52	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-03

Date Collected: 01/08/08 07:36

Client ID: KITCHEN STORAGE ROOM

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.608	0.050	3.01	0.247		1
Ethylbenzene	0.188	0.020	0.816	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.037	0.020	0.132	0.072		1
p/m-Xylene	0.546	0.040	2.37	0.174		1
o-Xylene	0.206	0.020	0.892	0.087		1
Styrene	0.201	0.020	0.855	0.085		1
Tetrachloroethene	0.420	0.020	2.85	0.136		1
Toluene	1.14	0.020	4.28	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	0.035	0.020	0.186	0.107		1
Trichlorofluoromethane	0.377	0.050	2.12	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	14.8	2.00	35.1	4.75		1
2-Butanone	0.518	0.500	1.52	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-04
 Client ID: ELEVATOR HALLWAY
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 14:52
 Analyst: HM

Date Collected: 01/08/08 07:38
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.023	0.020	0.124	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.692	0.020	3.40	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.346	0.020	1.70	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.059	0.020	0.354	0.120		1
Benzene	0.501	0.200	1.60	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.092	0.020	0.576	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.127	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-04

Date Collected: 01/08/08 07:38

Client ID: ELEVATOR HALLWAY

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.570	0.050	2.82	0.247		1
Ethylbenzene	0.231	0.020	1.00	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.031	0.020	0.110	0.072		1
p/m-Xylene	0.763	0.040	3.31	0.174		1
o-Xylene	0.289	0.020	1.25	0.087		1
Styrene	0.047	0.020	0.201	0.085		1
Tetrachloroethene	0.222	0.020	1.50	0.136		1
Toluene	0.953	0.020	3.59	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	0.136	0.107		1
Trichlorofluoromethane	0.304	0.050	1.70	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	3.93	2.00	9.33	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-05
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 15:30
 Analyst: HM

Date Collected: 01/08/08 07:56
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.024	0.020	0.131	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.204	0.020	1.00	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.060	0.020	0.293	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.060	0.020	0.359	0.120		1
Benzene	0.738	0.200	2.35	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.568	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.030	0.020	0.146	0.098		1
Chloromethane	0.511	0.500	2.49	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-05

Date Collected: 01/08/08 07:56

Client ID: ROOM 145

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.548	0.050	2.71	0.247		1
Ethylbenzene	0.248	0.020	1.08	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.052	0.020	0.186	0.072		1
p/m-Xylene	0.728	0.040	3.16	0.174		1
o-Xylene	0.272	0.020	1.18	0.087		1
Styrene	0.038	0.020	0.162	0.085		1
Tetrachloroethene	1.31	0.020	8.90	0.136		1
Toluene	1.41	0.020	5.30	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.030	0.020	0.163	0.107		1
Trichlorofluoromethane	0.271	0.050	1.52	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	4.86	2.00	11.5	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-06
 Client ID: ROOM 152
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 16:08
 Analyst: HM

Date Collected: 01/08/08 07:57
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.210	0.020	1.03	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.072	0.020	0.352	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.041	0.020	0.247	0.120		1
Benzene	0.566	0.200	1.80	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.564	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.025	0.020	0.122	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-06

Date Collected: 01/08/08 07:57

Client ID: ROOM 152

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.569	0.050	2.81	0.247		1
Ethylbenzene	0.155	0.020	0.672	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.031	0.020	0.112	0.072		1
p/m-Xylene	0.438	0.040	1.90	0.174		1
o-Xylene	0.172	0.020	0.744	0.087		1
Styrene	0.030	0.020	0.127	0.085		1
Tetrachloroethene	0.284	0.020	1.92	0.136		1
Toluene	0.990	0.020	3.73	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	0.038	0.020	0.203	0.107		1
Trichlorofluoromethane	0.307	0.050	1.72	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.30	2.00	12.6	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-07
 Client ID: ROOM 118
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/17/08 16:45
 Analyst: HM

Date Collected: 01/08/08 08:00
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.023	0.020	0.124	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.181	0.020	0.888	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.053	0.020	0.260	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.046	0.020	0.273	0.120		1
Benzene	0.649	0.200	2.07	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.092	0.020	0.578	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.039	0.020	0.189	0.098		1
Chloromethane	0.518	0.500	2.53	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-07

Date Collected: 01/08/08 08:00

Client ID: ROOM 118

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.564	0.050	2.78	0.247		1
Ethylbenzene	0.223	0.020	0.969	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.035	0.020	0.127	0.072		1
p/m-Xylene	0.594	0.040	2.58	0.174		1
o-Xylene	0.220	0.020	0.955	0.087		1
Styrene	0.048	0.020	0.202	0.085		1
Tetrachloroethene	0.291	0.020	1.97	0.136		1
Toluene	1.28	0.020	4.83	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.028	0.020	0.148	0.107		1
Trichlorofluoromethane	0.287	0.050	1.61	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	6.14	2.00	14.6	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-08
 Client ID: ROOM 110
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 15:58
 Analyst: HM

Date Collected: 01/08/08 07:59
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.022	0.020	0.117	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.134	0.020	0.659	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.038	0.020	0.188	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.039	0.020	0.235	0.120		1
Benzene	0.613	0.070	1.96	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	0.031	0.020	0.149	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-08

Date Collected: 01/08/08 07:59

Client ID: ROOM 110

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.526	0.050	2.60	0.247		1
Ethylbenzene	0.177	0.020	0.770	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.035	0.020	0.125	0.072		1
p/m-Xylene	0.524	0.040	2.28	0.174		1
o-Xylene	0.195	0.020	0.846	0.087		1
Styrene	0.043	0.020	0.184	0.085		1
Tetrachloroethene	0.256	0.020	1.73	0.136		1
Toluene	1.05	0.020	3.96	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	0.029	0.020	0.157	0.107		1
Trichlorofluoromethane	0.280	0.050	1.57	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	6.64	2.00	15.8	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-09
 Client ID: MP-4
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 17:13
 Analyst: HM

Date Collected: 01/08/08 11:15
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.025	0.020	0.137	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
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	0.407	0.020	2.00	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-Trimethylbenzene	0.104	0.020	0.511	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.163	0.020	0.981	0.120		1
Benzene	0.217	0.200	0.692	0.638		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	0.041	0.020	0.108	0.053		1
Chloroform	0.052	0.020	0.255	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 SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**SAMPLE RESULTS**

Lab ID: L0800291-09

Date Collected: 01/08/08 11:15

Client ID: MP-4

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.570	0.050	2.82	0.247		1
Ethylbenzene	0.233	0.020	1.01	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.029	0.020	0.104	0.072		1
p/m-Xylene	0.853	0.040	3.70	0.174		1
o-Xylene	0.329	0.020	1.42	0.087		1
Styrene	0.024	0.020	0.103	0.085		1
Tetrachloroethene	0.524	0.020	3.55	0.136		1
Toluene	0.743	0.020	2.80	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	8.42	0.020	45.2	0.107		1
Trichlorofluoromethane	5.08	0.050	28.5	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	17.2	2.00	40.7	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 SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**SAMPLE RESULTS**

Lab ID: L0800291-09 R

Date Collected: 01/08/08 11:15

Client ID: MP-4

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/22/08 13:10

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
2-Butanone	112	5.00	331	14.7		10



Project Name: GORHAM SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**SAMPLE RESULTS**

Lab ID: L0800291-10

Date Collected: 01/08/08 10:15

Client ID: MP-8

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Matrix: Soil_Vapor

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/18/08 14:26

Analyst: HM

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
2-Butanone	192	12.5	566	36.8		25



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-10 R
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 17:50
 Analyst: HM

Date Collected: 01/08/08 10:15
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,1,2,2-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	0.745	0.020	3.66	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.205	0.020	1.00	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.085	0.020	0.512	0.120		1
Benzene	0.558	0.200	1.78	0.638		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.089	0.020	0.562	0.126		1
Chlorobenzene	0.031	0.020	0.144	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.041	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



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-10 R
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI

Date Collected: 01/08/08 10:15
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.567	0.050	2.80	0.247		1
Ethylbenzene	0.763	0.020	3.31	0.087		1
Methylene chloride	ND	0.800	1.97	1.74		1
Methyl tert butyl ether	0.044	0.020	0.158	0.072		1
p/m-Xylene	2.66	0.040	11.5	0.174		1
o-Xylene	0.915	0.020	3.97	0.087		1
Styrene	0.047	0.020	0.199	0.085		1
Tetrachloroethene	0.178	0.020	1.20	0.136		1
Toluene	3.35	0.020	12.6	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	0.122	0.020	0.656	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	28.0	2.00	66.5	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 SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-11 R
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 18:28
 Analyst: HM

Date Collected: 01/08/08 08:55
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.020	0.020	0.111	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	2.38	0.020	11.7	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.590	0.020	2.90	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.222	0.020	1.33	0.120		1
Benzene	0.878	0.070	2.80	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.094	0.020	0.590	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	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-11 R
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI

Date Collected: 01/08/08 08:55
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.589	0.050	2.91	0.247		1
Ethylbenzene	1.60	0.020	6.94	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.081	0.020	0.291	0.072		1
p/m-Xylene	5.97	0.040	25.9	0.174		1
o-Xylene	2.22	0.020	9.61	0.087		1
Styrene	0.074	0.020	0.315	0.085		1
Tetrachloroethene	0.678	0.020	4.59	0.136		1
Toluene	8.26	0.020	31.1	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	0.054	0.020	0.291	0.107		1
Trichlorofluoromethane	0.313	0.050	1.76	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	4.50	2.00	10.7	4.75		1
2-Butanone	0.600	0.500	1.77	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-12 R
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 19:05
 Analyst: HM

Date Collected: 01/08/08 08:06
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.088	0.020	0.480	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	0.028	0.020	0.136	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.065	0.020	0.392	0.120		1
Benzene	0.150	0.070	0.479	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	0.568	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.054	0.020	0.261	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 SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**SAMPLE RESULTS**

Lab ID: L0800291-12 R
 Client ID: IMP-3
 Sample Location: PROVIDENCE, RI

Date Collected: 01/08/08 08:06
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.568	0.050	2.81	0.247		1
Ethylbenzene	0.048	0.020	0.209	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.033	0.020	0.118	0.072		1
p/m-Xylene	0.170	0.040	0.738	0.174		1
o-Xylene	0.071	0.020	0.306	0.087		1
Styrene	0.021	0.020	0.088	0.085		1
Tetrachloroethene	0.311	0.020	2.11	0.136		1
Toluene	5.43	0.020	20.4	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	1.38	0.020	7.39	0.107		1
Trichlorofluoromethane	3.37	0.050	18.9	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.38	2.00	5.65	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-13 R
 Client ID: AMBIENT OUTDOOR AIR
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/18/08 19:42
 Analyst: HM

Date Collected: 01/08/08 08:45
 Date Received: 01/08/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.256	0.020	1.26	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.077	0.020	0.377	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.043	0.020	0.256	0.120		1
Benzene	0.996	0.070	3.18	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	0.568	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.038	0.020	0.184	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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

SAMPLE RESULTS

Lab ID: L0800291-13 R

Date Collected: 01/08/08 08:45

Client ID: AMBIENT OUTDOOR AIR

Date Received: 01/08/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.528	0.050	2.61	0.247		1
Ethylbenzene	0.301	0.020	1.30	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.044	0.020	0.157	0.072		1
p/m-Xylene	0.984	0.040	4.27	0.174		1
o-Xylene	0.348	0.020	1.51	0.087		1
Styrene	0.062	0.020	0.263	0.085		1
Tetrachloroethene	0.352	0.020	2.38	0.136		1
Toluene	1.86	0.020	7.00	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.096	0.020	0.517	0.107		1
Trichlorofluoromethane	0.263	0.050	1.48	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	4.82	2.00	11.4	4.75		1
2-Butanone	0.651	0.500	1.92	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/22/08 01:44

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 09 Batch: WG308843-13						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/22/08 01:44

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 09 Batch: WG308843-13						
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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/17/08 11:13

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-07 Batch: WG308843-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/17/08 11:13

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-07 Batch: WG308843-3						
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 SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/18/08 12:35

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 08-13 Batch: WG308843-7						
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-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM SCHOOL

Lab Number: L0800291

Project Number: 6196501

Report Date: 01/22/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/18/08 12:35

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 08-13 Batch: WG308843-7						
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 SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 09 Batch: WG308843-12					
1,1,1-Trichloroethane	105	-	70-130	-	
1,1,1,2-Tetrachloroethane	90	-	70-130	-	
1,1,2,2-Tetrachloroethane	75	-	70-130	-	
1,1,2-Trichloroethane	80	-	70-130	-	
1,1-Dichloroethane	96	-	70-130	-	
1,1-Dichloroethene	102	-	70-130	-	
1,2,4-Trimethylbenzene	84	-	70-130	-	
1,2-Dibromoethane	79	-	70-130	-	
1,2-Dichlorobenzene	81	-	70-130	-	
1,2-Dichloroethane	106	-	70-130	-	
1,2-Dichloropropane	73	-	70-130	-	
1,3,5-Trimethylbenzene	79	-	70-130	-	
1,3-Butadiene	95	-	70-130	-	
1,3-Dichlorobenzene	80	-	70-130	-	
1,4-Dichlorobenzene	79	-	70-130	-	
Benzene	78	-	70-130	-	
Bromodichloromethane	89	-	70-130	-	
Bromoform	81	-	70-130	-	
Bromomethane	102	-	70-130	-	
Carbon tetrachloride	107	-	70-130	-	
Chlorobenzene	77	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 09 Batch: WG308843-12					
Chloroethane	95	-	70-130	-	
Chloroform	110	-	70-130	-	
Chloromethane	91	-	70-130	-	
cis-1,2-Dichloroethene	94	-	70-130	-	
cis-1,3-Dichloropropene	77	-	70-130	-	
Dibromochloromethane	82	-	70-130	-	
Dichlorodifluoromethane	115	-	70-130	-	
Ethylbenzene	71	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	109	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	109	-	70-130	-	
Methylene chloride	89	-	70-130	-	
Methyl tert butyl ether	95	-	70-130	-	
Naphthalene	94	-	70-130	-	
p/m-Xylene	75	-	70-130	-	
o-Xylene	74	-	70-130	-	
Styrene	74	-	70-130	-	
Tetrachloroethene	88	-	70-130	-	
Toluene	68	-	70-130	-	
trans-1,2-Dichloroethene	89	-	70-130	-	
trans-1,3-Dichloropropene	76	-	70-130	-	
Trichloroethene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 09 Batch: WG308843-12					
1,2,4-Trichlorobenzene	93	-	70-130	-	
Trichlorofluoromethane	125	-	70-130	-	
Vinyl chloride	96	-	70-130	-	
Acrylonitrile	97	-	70-130	-	
n-Butylbenzene	92	-	70-130	-	
sec-Butylbenzene	84	-	70-130	-	
Isopropylbenzene	82	-	70-130	-	
p-Isopropyltoluene	83	-	70-130	-	
Acetone	96	-	70-130	-	
2-Butanone	96	-	70-130	-	
4-Methyl-2-pentanone	87	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-07 Batch: WG308843-2					
1,1,1-Trichloroethane	110	-	70-130	-	
1,1,1,2-Tetrachloroethane	129	-	70-130	-	
1,1,2,2-Tetrachloroethane	111	-	70-130	-	
1,1,2-Trichloroethane	108	-	70-130	-	
1,1-Dichloroethane	114	-	70-130	-	
1,1-Dichloroethene	106	-	70-130	-	
1,2,4-Trimethylbenzene	125	-	70-130	-	
1,2-Dibromoethane	112	-	70-130	-	
1,2-Dichlorobenzene	120	-	70-130	-	
1,2-Dichloroethane	127	-	70-130	-	
1,2-Dichloropropane	99	-	70-130	-	
1,3,5-Trimethylbenzene	122	-	70-130	-	
1,3-Butadiene	101	-	70-130	-	
1,3-Dichlorobenzene	125	-	70-130	-	
1,4-Dichlorobenzene	124	-	70-130	-	
Benzene	100	-	70-130	-	
Bromodichloromethane	105	-	70-130	-	
Bromoform	112	-	70-130	-	
Bromomethane	110	-	70-130	-	
Carbon tetrachloride	111	-	70-130	-	
Chlorobenzene	111	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-07 Batch: WG308843-2					
Chloroethane	104	-	70-130	-	
Chloroform	126	-	70-130	-	
Chloromethane	94	-	70-130	-	
cis-1,2-Dichloroethene	112	-	70-130	-	
cis-1,3-Dichloropropene	103	-	70-130	-	
Dibromochloromethane	107	-	70-130	-	
Dichlorodifluoromethane	117	-	70-130	-	
Ethylbenzene	113	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	116	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	116	-	70-130	-	
Methylene chloride	94	-	70-130	-	
Methyl tert butyl ether	116	-	70-130	-	
Naphthalene	99	-	70-130	-	
p/m-Xylene	118	-	70-130	-	
o-Xylene	115	-	70-130	-	
Styrene	120	-	70-130	-	
Tetrachloroethene	112	-	70-130	-	
Toluene	102	-	70-130	-	
trans-1,2-Dichloroethene	95	-	70-130	-	
trans-1,3-Dichloropropene	106	-	70-130	-	
Trichloroethene	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-07 Batch: WG308843-2					
1,2,4-Trichlorobenzene	91	-	70-130	-	
Trichlorofluoromethane	126	-	70-130	-	
Vinyl chloride	104	-	70-130	-	
Acrylonitrile	136	-	70-130	-	
n-Butylbenzene	99	-	70-130	-	
sec-Butylbenzene	130	-	70-130	-	
Isopropylbenzene	129	-	70-130	-	
p-Isopropyltoluene	108	-	70-130	-	
Acetone	109	-	70-130	-	
2-Butanone	103	-	70-130	-	
4-Methyl-2-pentanone	89	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-13 Batch: WG308843-6					
1,1,1-Trichloroethane	99	-	70-130	-	
1,1,1,2-Tetrachloroethane	107	-	70-130	-	
1,1,2,2-Tetrachloroethane	84	-	70-130	-	
1,1,2-Trichloroethane	88	-	70-130	-	
1,1-Dichloroethane	102	-	70-130	-	
1,1-Dichloroethene	100	-	70-130	-	
1,2,4-Trimethylbenzene	95	-	70-130	-	
1,2-Dibromoethane	90	-	70-130	-	
1,2-Dichlorobenzene	90	-	70-130	-	
1,2-Dichloroethane	111	-	70-130	-	
1,2-Dichloropropane	83	-	70-130	-	
1,3,5-Trimethylbenzene	91	-	70-130	-	
1,3-Butadiene	95	-	70-130	-	
1,3-Dichlorobenzene	91	-	70-130	-	
1,4-Dichlorobenzene	91	-	70-130	-	
Benzene	86	-	70-130	-	
Bromodichloromethane	92	-	70-130	-	
Bromoform	93	-	70-130	-	
Bromomethane	102	-	70-130	-	
Carbon tetrachloride	102	-	70-130	-	
Chlorobenzene	89	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-13 Batch: WG308843-6					
Chloroethane	97	-	70-130	-	
Chloroform	113	-	70-130	-	
Chloromethane	89	-	70-130	-	
cis-1,2-Dichloroethene	100	-	70-130	-	
cis-1,3-Dichloropropene	84	-	70-130	-	
Dibromochloromethane	90	-	70-130	-	
Dichlorodifluoromethane	111	-	70-130	-	
Ethylbenzene	88	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	109	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	108	-	70-130	-	
Methylene chloride	89	-	70-130	-	
Methyl tert butyl ether	97	-	70-130	-	
Naphthalene	114	-	70-130	-	
p/m-Xylene	91	-	70-130	-	
o-Xylene	88	-	70-130	-	
Styrene	91	-	70-130	-	
Tetrachloroethene	94	-	70-130	-	
Toluene	82	-	70-130	-	
trans-1,2-Dichloroethene	88	-	70-130	-	
trans-1,3-Dichloropropene	84	-	70-130	-	
Trichloroethene	93	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 08-13 Batch: WG308843-6					
1,2,4-Trichlorobenzene	107	-	70-130	-	
Trichlorofluoromethane	119	-	70-130	-	
Vinyl chloride	97	-	70-130	-	
Acrylonitrile	108	-	70-130	-	
n-Butylbenzene	95	-	70-130	-	
sec-Butylbenzene	95	-	70-130	-	
Isopropylbenzene	95	-	70-130	-	
p-Isopropyltoluene	89	-	70-130	-	
Acetone	93	-	70-130	-	
2-Butanone	92	-	70-130	-	
4-Methyl-2-pentanone	85	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG308843-4 QC Sample: L0800291-08 Client ID: ROOM 110					
1,1,1-Trichloroethane	0.022	0.021	ppbV	0	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	0.134	0.146	ppbV	9	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.038	0.040	ppbV	4	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.039	0.042	ppbV	8	25
Benzene	0.613	0.579	ppbV	6	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.089	0.090	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG308843-4 QC Sample: L0800291-08 Client ID: ROOM 110					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.031	0.031	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	0.526	0.551	ppbV	5	25
Ethylbenzene	0.177	0.161	ppbV	9	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	0.035	0.036	ppbV	3	25
p/m-Xylene	0.524	0.464	ppbV	12	25
o-Xylene	0.195	0.173	ppbV	12	25
Styrene	0.043	0.040	ppbV	8	25
Tetrachloroethene	0.256	0.254	ppbV	1	25
Toluene	1.05	1.00	ppbV	5	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.029	0.029	ppbV	1	25
Trichlorofluoromethane	0.280	0.287	ppbV	2	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM SCHOOL

Project Number: 6196501

Lab Number: L0800291

Report Date: 01/22/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-13 QC Batch ID: WG308843-4 QC Sample: L0800291-08 Client ID: ROOM 110					
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	6.64	6.64	ppbV	0	25
2-Butanone	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: GORHAM SCHOOL**Lab Number:** L0800291**Project Number:** 6196501**Report Date:** 01/22/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0800291-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-05A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-06A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-07A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-08A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-09A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-10A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-11A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-12A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0800291-13A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: GORHAM SCHOOL
Project Number: 6196501

Lab Number: L0800291
Report Date: 01/22/08

REFERENCES

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

LIMITATION OF LIABILITIES

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

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





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: *EA Engineering, Sci, & Tech*
 Address: *2350 Post Road Warwick, RI 02886*
 Phone: *401-736-3440*
 Fax: *401-736-3423*
 Email: *psrivers@east.com*

Project Information

Project Name: *Gorham School*
 Project Location: *Providence, RI*
 Project #: *6196501*
 Project Manager: *Peter Graves*
 ALPHA Quote #:
 Turn-Around Time

Report Information - Data Deliverables

Date Rec'd in Lab:
 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)

ALPHA Job #: *L0800291*

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
<i>CT</i>	<i>Drift Proposed</i>	<i>Residential</i>
<i>Target</i>	<i>Air Compounds</i>	

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's ID	Can	ID-Flow Controller	ANALYSIS				Sample Comments (i.e. PID)
		Date	Start Time					End Time	TO-14A	TO-15	TO-15 SIM	

-1	Gym	1/8/08	7:08	7:37	A	PG/PT	516	6149	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PID = 0.205 ppm
-2	Cafeteria		7:07	7:35			495	0338	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.044
-3	Kitchen Storage Room		7:06	7:36			333	0169	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.037
-4	Elevator Hallway		7:09	7:38			425	0152	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.105
-5	Room 145		7:26	7:56			454	0304	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.021
-6	Room 152		7:27	7:57			343	0339	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.017
-7	Room 118		7:28	9:00			488	0336	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.021
-8	Room 110		7:29	7:59			345	0418	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.009

Shaded Gray Areas For Lab Use Only

Relinquished By:

Paul Thamy

Date/Time

1/8/08 1625

Received By:

[Signature]

Date/Time:

1/8/08 1625

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 Payment Terms. See reverse side.

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #

Aircan Id	Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
333	2.7L Summ	RECEIVED	39307	L0800291-03	02-JAN-2008		L0718294	-29.7	-1.0					10-JAN-2008 10
548	2.7L Summ	RECEIVED	39307	L0800291-10	02-JAN-2008		L0718294	-29.7	-0.8					10-JAN-2008 10
155	2.7L Summ	RECEIVED	39307	L0800291-13	02-JAN-2008		L0718294	-29.7	-2.5					10-JAN-2008 10
556	2.7L Summ	RECEIVED	39307	L0800291-11	02-JAN-2008		L0718294	-29.7	-0.7					10-JAN-2008 10
343	2.7L Summ	RECEIVED	39307	L0800291-06	02-JAN-2008		L0718294	-29.7	-5.0					10-JAN-2008 10
507	2.7L Summ	RECEIVED	39307	L0800291-02	02-JAN-2008		L0718433	-29.7	-0.4					10-JAN-2008 10
425	2.7L Summ	RECEIVED	39307	L0800291-04	02-JAN-2008		L0718433	-29.7	-1.0					10-JAN-2008 10
358	2.7L Summ	RECEIVED	39438	L0800291-12	07-JAN-2008		L0718583	-30.0	-3.2					10-JAN-2008 10
485	2.7L Summ	RECEIVED	39307	L0800291-02	02-JAN-2008		L0718433	-29.7	-1.2					10-JAN-2008 10
454	2.7L Summ	RECEIVED	39307	L0800291-05	02-JAN-2008		L0718433	-29.7	-1.6					10-JAN-2008 10

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
345	2.7L Summr	RECEIVED	39307	L0800291-08	02-JAN-2008		L0718433	-29.7	-1.5					10-JAN-2008 10
516	2.7L Summr	RECEIVED	39307	L0800291-01	02-JAN-2008		L0718433	-29.7	-5.1					10-JAN-2008 10
488	2.7L Summr	RECEIVED	39307	L0800291-07	02-JAN-2008		L0718433	-29.7	-0.1					10-JAN-2008 10
0339	<1hr Reg A	RECEIVED	39307		02-JAN-2008	27-DEC-2007				76	76	0		10-JAN-2008 10
0331	<1hr Reg A	RECEIVED	39307		02-JAN-2008	27-DEC-2007				79	71	11		10-JAN-2008 10
0418	<1hr Reg A	RECEIVED	39307	L0800291-08	02-JAN-2008	27-DEC-2007				79	81	3		10-JAN-2008 10
0189	<1hr Reg A	RECEIVED	39307	L0800291-03	02-JAN-2008	27-DEC-2007				80	80	0		10-JAN-2008 10
0304	<1hr Reg A	RECEIVED	39307	L0800291-05	02-JAN-2008	27-DEC-2007				79	76	4		10-JAN-2008 10
0336	<1hr Reg A	RECEIVED	39307	L0800291-07	02-JAN-2008	27-DEC-2007				79	78	1		10-JAN-2008 10
0162	<1hr Reg B	RECEIVED	39307	L0800291-04	02-JAN-2008	27-DEC-2007				81	81	0		10-JAN-2008 10

Air Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
0304	<1hr Reg A	RECEIVED	39307	L0800291-05	02-JAN-2008	27-DEC-2007				79	76	4		10-JAN-2008 10
0336	<1hr Reg A	RECEIVED	39307	L0800291-07	02-JAN-2008	27-DEC-2007				79	78	1		10-JAN-2008 10
0152	<1hr Reg S	RECEIVED	39307	L0800291-04	02-JAN-2008	27-DEC-2007				81	81	0		10-JAN-2008 10
0338	<1hr Reg A	RECEIVED	39307	L0800291-02	02-JAN-2008	27-DEC-2007				79	78	1		10-JAN-2008 10
0149	<1hr Reg A	RECEIVED	39307	L0800291-01	02-JAN-2008	27-DEC-2007				77	78	1		10-JAN-2008 10
0110	<1hr Reg S	RECEIVED	39307	L0800291-12	02-JAN-2008	27-DEC-2007				80	80	0		10-JAN-2008 10
0314	<1hr Reg A	RECEIVED	39307	L0800291-10	02-JAN-2008	27-DEC-2007				81	79	3		10-JAN-2008 10
0340	<1hr Reg A	RECEIVED	39307	L0800291-11	02-JAN-2008	27-DEC-2007				78	61	4		10-JAN-2008 10
0155	<1hr Reg S	RECEIVED	39307	L0800291-09	02-JAN-2008	27-DEC-2007				78	76	3		10-JAN-2008 10



ANALYTICAL REPORT

Lab Number:	L0801913
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Peter Grivers
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	02/18/08

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: L0801913
Report Date: 02/18/08

Alpha Sample ID	Client ID	Sample Location
L0801913-03	IMP-1	PROVIDENCE, RI
L0801913-04	IMP-2	PROVIDENCE, RI
L0801913-01	MP-1	PROVIDENCE, RI
L0801913-02	MP-5	PROVIDENCE, RI

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

TO15-SIM

L0801913-04 required re-analysis on a dilution in order to quantitate the sample within the range of the calibration. 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 range of the calibration.

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: 02/18/08

AIR

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-01
Client ID: MP-1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/13/08 15:06
Analyst: HM

Date Collected: 02/08/08 09:10
Date Received: 02/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.044	0.020	0.214	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	0.260	0.020	1.56	0.120		1
Benzene	0.289	0.070	0.922	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.443	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-01

Date Collected: 02/08/08 09:10

Client ID: MP-1

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.404	0.050	2.00	0.247		1
Ethylbenzene	0.047	0.020	0.205	0.087		1
Methylene chloride	ND	0.800	2.34	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.127	0.040	0.552	0.174		1
o-Xylene	0.046	0.020	0.198	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.051	0.020	0.347	0.136		1
Toluene	0.434	0.020	1.63	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	0.023	0.020	0.123	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	7.23	2.00	17.2	4.75		1
2-Butanone	42.9	0.500	126	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-02
 Client ID: MP-5
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 15:45
 Analyst: HM

Date Collected: 02/08/08 09:28
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.047	0.020	0.230	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.044	0.020	0.261	0.120		1
Benzene	0.306	0.070	0.978	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.464	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-02

Date Collected: 02/08/08 09:28

Client ID: MP-5

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.410	0.050	2.03	0.247		1
Ethylbenzene	0.054	0.020	0.233	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	0.144	0.040	0.626	0.174		1
o-Xylene	0.054	0.020	0.234	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.478	0.020	1.80	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	0.218	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	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: L0801913
Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-03
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 16:39
 Analyst: HM

Date Collected: 02/08/08 08:52
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.139	0.020	0.685	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	0.090	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.095	0.020	0.466	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.58	0.020	9.50	0.120		1
Benzene	0.170	0.070	0.542	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	0.025	0.020	0.124	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-03

Date Collected: 02/08/08 08:52

Client ID: IMP-1

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.389	0.050	1.92	0.247		1
Ethylbenzene	0.076	0.020	0.329	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.037	0.020	0.135	0.072		1
p/m-Xylene	0.239	0.040	1.04	0.174		1
o-Xylene	0.110	0.020	0.477	0.087		1
Styrene	0.071	0.020	0.302	0.085		1
Tetrachloroethene	0.078	0.020	0.525	0.136		1
Toluene	0.723	0.020	2.72	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.037	0.020	0.196	0.107		1
Trichlorofluoromethane	0.190	0.050	1.06	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.37	2.00	5.62	4.75		1
2-Butanone	1.05	0.500	3.08	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-04
 Client ID: IMP-2
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 17:17
 Analyst: HM

Date Collected: 02/08/08 08:49
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.103	0.020	0.560	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	0.394	0.020	1.93	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	0.092	0.020	0.551	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.134	0.020	0.656	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.32	0.020	7.91	0.120		1
Benzene	0.267	0.070	0.851	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.447	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.124	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-04

Date Collected: 02/08/08 08:49

Client ID: IMP-2

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.405	0.050	2.00	0.247		1
Ethylbenzene	1.13	0.020	4.89	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	4.22	0.040	18.3	0.174		1
o-Xylene	1.78	0.020	7.73	0.087		1
Styrene	0.741	0.020	3.15	0.085		1
Tetrachloroethene	0.746	0.020	5.05	0.136		1
Toluene	>50	0.02	>188	0.0753		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	3.64	0.020	19.6	0.107		1
Trichlorofluoromethane	2.84	0.050	15.9	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	4.82	2.00	11.4	4.75		1
2-Butanone	3.60	0.500	10.6	1.47		1
4-Methyl-2-pentanone	2.12	0.500	8.70	2.05		1

Project Name: GORHAM / ADELAIDE HS**Lab Number:** L0801913**Project Number:** 6196501**Report Date:** 02/18/08**SAMPLE RESULTS**

Lab ID: L0801913-04 R
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/14/08 08:32
Analyst: HM

Date Collected: 02/08/08 08:49
Date Received: 02/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Toluene	121	0.100	455	0.376		5

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/13/08 11:48

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG311555-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/13/08 11:48

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG311555-3						
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: L0801913
Report Date: 02/18/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG311555-2					
1,1,1-Trichloroethane	90	-	70-130	-	
1,1,1,2-Tetrachloroethane	88	-	70-130	-	
1,1,2,2-Tetrachloroethane	88	-	70-130	-	
1,1,2-Trichloroethane	99	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	94	-	70-130	-	
1,2,4-Trimethylbenzene	91	-	70-130	-	
1,2-Dibromoethane	84	-	70-130	-	
1,2-Dichlorobenzene	84	-	70-130	-	
1,2-Dichloroethane	78	-	70-130	-	
1,2-Dichloropropane	102	-	70-130	-	
1,3,5-Trimethylbenzene	91	-	70-130	-	
1,3-Butadiene	96	-	70-130	-	
1,3-Dichlorobenzene	88	-	70-130	-	
1,4-Dichlorobenzene	87	-	70-130	-	
Benzene	84	-	70-130	-	
Bromodichloromethane	107	-	70-130	-	
Bromoform	88	-	70-130	-	
Bromomethane	85	-	70-130	-	
Carbon tetrachloride	106	-	70-130	-	
Chlorobenzene	87	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG311555-2					
Chloroethane	93	-	70-130	-	
Chloroform	90	-	70-130	-	
Chloromethane	96	-	70-130	-	
cis-1,2-Dichloroethene	92	-	70-130	-	
cis-1,3-Dichloropropene	96	-	70-130	-	
Dibromochloromethane	88	-	70-130	-	
Dichlorodifluoromethane	94	-	70-130	-	
Ethylbenzene	86	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	91	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92	-	70-130	-	
Methylene chloride	86	-	70-130	-	
Methyl tert butyl ether	75	-	70-130	-	
Naphthalene	101	-	70-130	-	
p/m-Xylene	88	-	70-130	-	
o-Xylene	88	-	70-130	-	
Styrene	87	-	70-130	-	
Tetrachloroethene	83	-	70-130	-	
Toluene	82	-	70-130	-	
trans-1,2-Dichloroethene	89	-	70-130	-	
trans-1,3-Dichloropropene	92	-	70-130	-	
Trichloroethene	105	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG311555-2					
1,2,4-Trichlorobenzene	100	-	70-130	-	
Trichlorofluoromethane	96	-	70-130	-	
Vinyl chloride	94	-	70-130	-	
Acrylonitrile	82	-	70-130	-	
n-Butylbenzene	81	-	70-130	-	
sec-Butylbenzene	83	-	70-130	-	
Isopropylbenzene	86	-	70-130	-	
p-Isopropyltoluene	76	-	70-130	-	
Acetone	77	-	70-130	-	
2-Butanone	79	-	70-130	-	
4-Methyl-2-pentanone	114	-	70-130	-	
1,2,3-Trichlorobenzene	105	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801913

Report Date: 02/18/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: MP-1					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.044	0.050	ppbV	13	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.260	0.293	ppbV	12	25
Benzene	0.289	0.277	ppbV	4	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.071	0.074	ppbV	5	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801913

Report Date: 02/18/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: MP-1					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	0.404	0.434	ppbV	7	25
Ethylbenzene	0.047	0.050	ppbV	5	25
Methylene chloride	0.675	ND	ppbV	NC	25
Methyl tert butyl ether	ND	0.021	ppbV	NC	25
p/m-Xylene	0.127	0.135	ppbV	6	25
o-Xylene	0.046	0.049	ppbV	6	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.051	0.051	ppbV	0	25
Toluene	0.434	0.364	ppbV	18	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.023	0.022	ppbV	5	25
Trichlorofluoromethane	0.218	0.228	ppbV	4	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801913

Report Date: 02/18/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: MP-1					
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	7.23	7.85	ppbV	8	25
2-Butanone	42.9	46.6	ppbV	8	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: GORHAM / ADELAIDE HS**Lab Number:** L0801913**Project Number:** 6196501**Report Date:** 02/18/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801913-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801913-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801913-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801913-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Report Format: Not Specified



Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

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.





CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
 TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: *EA Engineering, Science & Tech*
 Address: *2350 Post Rd*
Warwick, RI 02886
 Phone: *401-236-3440*
 Fax: *401-236-3423*
 Email: *privers@east.com*

Project Information

Project Name: *Cochran/Adelaide HS*
 Project Location: *Providence, RI*
 Project #: *6198501*
 Project Manager: *Peter Privers*
 ALPHA Quote #:
 Turn-Around Time

Standard
5 DAYS TO-13; 10 DAYS
 RUSH (only confirmed if pre-approved!)
 Date Due: Time:

Other Project Specific Requirements/Comments:

Date Rec'd In Lab:

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)

ALPHA Job #: *26801913*

Billing Information

Same as Client Info PO #: *4239*

Regulatory Requirements/Report Limits

State/Fed Program Criteria
CT Dept Proposed Resid
Target 4.5 Compounds

ANALYSIS

- TO-14A
- TO-15
- TO-15 SIM
- APH
- DISSOLVED GASES
- FIXED GASES
- TO-13A
- TO-15 SULFIDES/MERCAPTANS
- DISS GASES CO2 ONLY
- TO-4/TO-10

Sample Comments (i.e. PID)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ID Can	ID-Flow Controller	ANALYSIS	Sample Comments (i.e. PID)
		Date	Start Time						
<i>20801913-1</i>	<i>MP-1</i>	<i>2/8/08</i>	<i>8:40</i>	<i>9:10</i>	<i>SV</i>	<i>DAPT</i>	<i>425 0180</i>	<input checked="" type="checkbox"/> TO-15	<i>PID = Open</i>
<i>-2</i>	<i>MP-5</i>		<i>8:58</i>	<i>9:28</i>			<i>345 0279</i>		<i>0</i>
<i>-3</i>	<i>IMP-1</i>		<i>8:22</i>	<i>8:52</i>			<i>380 0161</i>		<i>0</i>
<i>-4</i>	<i>IMP-2</i>		<i>8:19</i>	<i>8:49</i>			<i>383 0334</i>		<i>0</i>

Shaded Gray Areas For Lab Use Only

Relinquished By:

[Signature]

Date/Time

2/11/08 13:40

Received By:

[Signature]

Date/Time:

2/11/08 13:40

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 Payment Terms. See reverse side.

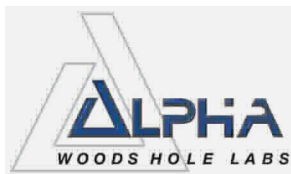
Air Canister Query													
Aircan Id	Container Status	Bottle Order	Samplenum	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0161	RECEIVED	40040	L0801913-03	07-FEB-2008	06-FEB-2008				77	78	1		12-FEB-2008
0180	RECEIVED	40040	L0801913-01	07-FEB-2008	06-FEB-2008				78	75	4		12-FEB-2008
0257	RECEIVED	40040	L0801912-08	07-FEB-2008	06-FEB-2008				80	81	1		12-FEB-2008
0279	RECEIVED	40040	L0801913-02	07-FEB-2008	06-FEB-2008				81	83	2		12-FEB-2008
0299	RECEIVED	40040	L0801912-03	07-FEB-2008	06-FEB-2008				80	79	1		12-FEB-2008
0303	RECEIVED	40040	L0801912-09	07-FEB-2008	06-FEB-2008				79	78	1		12-FEB-2008
0304	RECEIVED	40040	L0801912-07	07-FEB-2008	06-FEB-2008				79	78	1		12-FEB-2008
0331	RECEIVED	40040	L0801912-02	07-FEB-2008	06-FEB-2008				80	80	0		12-FEB-2008
0333	RECEIVED	40040	L0801912-08	07-FEB-2008	06-FEB-2008				79	70	12		12-FEB-2008
0334	RECEIVED	40040	L0801913-04	07-FEB-2008	06-FEB-2008				78	77	3		12-FEB-2008
0338	RECEIVED	40040	L0801912-01	07-FEB-2008	06-FEB-2008				80	80	0		12-FEB-2008
0339	RECEIVED	40040	L0801912-05	07-FEB-2008	06-FEB-2008				77	80	4		12-FEB-2008
0418	RECEIVED	40040	L0801912-04	07-FEB-2008	06-FEB-2008				78	77	1		12-FEB-2008
241	RECEIVED	40040	L0801912-08	07-FEB-2008		L0801335	-29.2	-1.8					12-FEB-2008
336	RECEIVED	40040	L0801912-07	07-FEB-2008		L0801335	-29.2	-0.3					12-FEB-2008
345	RECEIVED	40040	L0801913-02	07-FEB-2008		L0801335	-29.2	+1.2					12-FEB-2008

Double Click Aircan ID to see its audit trail

Air Canister Query													
Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transfer Date
0339	RECEIVED	40040	L0801912-05	07-FEB-2008	06-FEB-2008				77	80	4		12-FEB-2008
0418	RECEIVED	40040	L0801912-04	07-FEB-2008	06-FEB-2008				78	77	1		12-FEB-2008
241	RECEIVED	40040	L0801912-08	07-FEB-2008		L080133E	-29.2	-1.8					12-FEB-2008
336	RECEIVED	40040	L0801912-07	07-FEB-2008		L080133E	-29.2	-0.3					12-FEB-2008
345	RECEIVED	40040	L0801913-02	07-FEB-2008		L080133E	-29.2	+1.2					12-FEB-2008
380	RECEIVED	40040	L0801913-03	07-FEB-2008		L080133E	-29.2	-3.4					12-FEB-2008
383	RECEIVED	40040	L0801913-04	07-FEB-2008		L080133E	-29.2	-0.2					12-FEB-2008
387	RECEIVED	40040	L0801912-02	07-FEB-2008		L080133E	-29.2	-1.9					12-FEB-2008
425	RECEIVED	40040	L0801913-01	07-FEB-2008		L080133E	-29.2	+2.1					12-FEB-2008
451	RECEIVED	40040	L0801912-05	07-FEB-2008		L080133E	-29.2	-4.3					12-FEB-2008
477	RECEIVED	40040	L0801912-09	07-FEB-2008		L080133E	-29.2	+1.9					12-FEB-2008
488	RECEIVED	40040	L0801912-03	07-FEB-2008		L080133E	-29.2	-1.3					12-FEB-2008
495	RECEIVED	40040	L0801912-04	07-FEB-2008		L080133E	-29.2	-1.2					12-FEB-2008
516	RECEIVED	40040	L0801912-01	07-FEB-2008		L080133E	-29.2	-1.7					12-FEB-2008
524	RECEIVED	40040	L0801912-06	07-FEB-2008		L080133E	-29.2	0.0					12-FEB-2008

Double Click Aircan ID to see its audit trail

Query Save Exit



ANALYTICAL REPORT

Lab Number: L0801231

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

ATTN: Peter Grivers

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Report Date: 01/29/08

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: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Alpha Sample ID	Client ID	Sample Location
L0801231-01	OUTDOOR AMBIENT	PROVIDENCE, RI
L0801231-02	ROOM 145	PROVIDENCE, RI
L0801231-03	MP-8	PROVIDENCE, RI

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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: 01/29/08

AIR

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**SAMPLE RESULTS**

Lab ID: L0801231-01
Client ID: OUTDOOR AMBIENT
Sample Location: PROVIDENCE, RI
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 01/28/08 17:53
Analyst: HM

Date Collected: 01/28/08 14:15
Date Received: 01/28/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	ND	0.020	ND	0.136		1

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**SAMPLE RESULTS**

Lab ID: L0801231-02
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/08 18:30
Analyst: HM

Date Collected: 01/28/08 14:20
Date Received: 01/28/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	ND	0.020	ND	0.136		1

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**SAMPLE RESULTS**

Lab ID: L0801231-03
Client ID: MP-8
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/08 19:07
Analyst: HM

Date Collected: 01/28/08 14:40
Date Received: 01/28/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	0.021	0.020	0.140	0.136		1



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0801231

Project Number: 6196501.1005

Report Date: 01/29/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 12:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG309957-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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: L0801231

Project Number: 6196501.1005

Report Date: 01/29/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 12:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG309957-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
1,1,1-Trichloroethane	122	-	70-130	-	
1,1,1,2-Tetrachloroethane	112	-	70-130	-	
1,1,2,2-Tetrachloroethane	78	-	70-130	-	
1,1,2-Trichloroethane	94	-	70-130	-	
1,1-Dichloroethane	106	-	70-130	-	
1,1-Dichloroethene	116	-	70-130	-	
1,2,4-Trimethylbenzene	97	-	70-130	-	
1,2-Dibromoethane	86	-	70-130	-	
1,2-Dichlorobenzene	98	-	70-130	-	
1,2-Dichloroethane	150	-	70-130	-	
1,2-Dichloropropane	76	-	70-130	-	
1,3,5-Trimethylbenzene	93	-	70-130	-	
1,3-Butadiene	94	-	70-130	-	
1,3-Dichlorobenzene	103	-	70-130	-	
1,4-Dichlorobenzene	103	-	70-130	-	
Benzene	87	-	70-130	-	
Bromodichloromethane	104	-	70-130	-	
Bromoform	104	-	70-130	-	
Bromomethane	108	-	70-130	-	
Carbon tetrachloride	125	-	70-130	-	
Chlorobenzene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
Chloroethane	97	-	70-130	-	
Chloroform	126	-	70-130	-	
Chloromethane	88	-	70-130	-	
cis-1,2-Dichloroethene	107	-	70-130	-	
cis-1,3-Dichloropropene	92	-	70-130	-	
Dibromochloromethane	92	-	70-130	-	
Dichlorodifluoromethane	139	-	70-130	-	
Ethylbenzene	89	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	122	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	121	-	70-130	-	
Methylene chloride	95	-	70-130	-	
Methyl tert butyl ether	103	-	70-130	-	
Naphthalene	106	-	70-130	-	
p/m-Xylene	93	-	70-130	-	
o-Xylene	91	-	70-130	-	
Styrene	96	-	70-130	-	
Tetrachloroethene	97	-	70-130	-	
Toluene	79	-	70-130	-	
trans-1,2-Dichloroethene	97	-	70-130	-	
trans-1,3-Dichloropropene	100	-	70-130	-	
Trichloroethene	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
1,2,4-Trichlorobenzene	101	-	70-130	-	
Trichlorofluoromethane	150	-	70-130	-	
Vinyl chloride	98	-	70-130	-	
Acrylonitrile	105	-	70-130	-	
n-Butylbenzene	88	-	70-130	-	
sec-Butylbenzene	96	-	70-130	-	
Isopropylbenzene	99	-	70-130	-	
p-Isopropyltoluene	88	-	70-130	-	
Acetone	104	-	70-130	-	
2-Butanone	90	-	70-130	-	
4-Methyl-2-pentanone	78	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.077	0.076	ppbV	2	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	0.030	0.028	ppbV	10	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.022	0.022	ppbV	0	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.369	0.382	ppbV	3	25
Benzene	0.367	0.369	ppbV	1	25
Bromodichloromethane	0.024	0.023	ppbV	1	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.096	0.097	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.099	0.101	ppbV	2	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	0.811	0.842	ppbV	4	25
Ethylbenzene	0.107	0.099	ppbV	7	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	0.047	0.052	ppbV	10	25
p/m-Xylene	0.283	0.271	ppbV	4	25
o-Xylene	0.087	0.084	ppbV	4	25
Styrene	0.058	0.046	ppbV	22	25
Tetrachloroethene	0.049	0.047	ppbV	5	25
Toluene	1.43	1.42	ppbV	1	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.097	0.094	ppbV	3	25
Trichlorofluoromethane	2.47	2.54	ppbV	3	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL

Project Number: 6196501.1005

Lab Number: L0801231

Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
Vinyl chloride	ND	ND	ppbV	NC	25

Project Name: ADELAIDE HIGH SCHOOL**Lab Number:** L0801231**Project Number:** 6196501.1005**Report Date:** 01/29/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801231-01A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0801231-02A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0801231-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

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 Canister Tracking

Select Status: Enter Bottle Order #: Print Labels: Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
217	2.7L Summr	RECEIVED	39813	L0801231-D3	25-JAN-2008			-30.0	-2.0					28-JAN-2008 16
629	6.0L Summr	RECEIVED	39813	L0801231-D1	25-JAN-2008		L071917E	-30.0	-1.0					28-JAN-2008 16
896	6.0L Summr	RECEIVED	39813	L0801231-D2	25-JAN-2008		L0800107	-30.0	-3.3					28-JAN-2008 16
0340	<1hr Reg S	RECEIVED	39813	L0801231-D3	25-JAN-2008	25-JAN-2008				77	81	5		28-JAN-2008 16
0081	<1hr Reg A	RECEIVED	39813	L0801231-D1	25-JAN-2008	25-JAN-2008				177	171	3		28-JAN-2008 16
0279	<1hr Reg A	RECEIVED	39813	L0801231-D2	25-JAN-2008	25-JAN-2008				176	187	6		28-JAN-2008 16



ANALYTICAL REPORT

Lab Number:	L0801913
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Peter Grivers
Project Name:	GORHAM / ADELAIDE HS
Project Number:	6196501
Report Date:	02/18/08

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: L0801913
Report Date: 02/18/08

Alpha Sample ID	Client ID	Sample Location
L0801913-03	IMP-1	PROVIDENCE, RI
L0801913-04	IMP-2	PROVIDENCE, RI
L0801913-01	MP-1	PROVIDENCE, RI
L0801913-02	MP-5	PROVIDENCE, RI

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

TO15-SIM

L0801913-04 required re-analysis on a dilution in order to quantitate the sample within the range of the calibration. 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 range of the calibration.

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: 02/18/08

AIR

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-01
 Client ID: MP-1
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 15:06
 Analyst: HM

Date Collected: 02/08/08 09:10
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.044	0.020	0.214	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.260	0.020	1.56	0.120		1
Benzene	0.289	0.070	0.922	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.443	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-01

Date Collected: 02/08/08 09:10

Client ID: MP-1

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.404	0.050	2.00	0.247		1
Ethylbenzene	0.047	0.020	0.205	0.087		1
Methylene chloride	ND	0.800	2.34	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.127	0.040	0.552	0.174		1
o-Xylene	0.046	0.020	0.198	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.051	0.020	0.347	0.136		1
Toluene	0.434	0.020	1.63	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	0.023	0.020	0.123	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	7.23	2.00	17.2	4.75		1
2-Butanone	42.9	0.500	126	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-02
 Client ID: MP-5
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 15:45
 Analyst: HM

Date Collected: 02/08/08 09:28
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.047	0.020	0.230	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.044	0.020	0.261	0.120		1
Benzene	0.306	0.070	0.978	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.464	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-02

Date Collected: 02/08/08 09:28

Client ID: MP-5

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.410	0.050	2.03	0.247		1
Ethylbenzene	0.054	0.020	0.233	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	0.144	0.040	0.626	0.174		1
o-Xylene	0.054	0.020	0.234	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	0.478	0.020	1.80	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	0.218	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	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

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-03
 Client ID: IMP-1
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 16:39
 Analyst: HM

Date Collected: 02/08/08 08:52
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.139	0.020	0.685	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	0.090	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.095	0.020	0.466	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.58	0.020	9.50	0.120		1
Benzene	0.170	0.070	0.542	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	0.025	0.020	0.124	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-03

Date Collected: 02/08/08 08:52

Client ID: IMP-1

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.389	0.050	1.92	0.247		1
Ethylbenzene	0.076	0.020	0.329	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.037	0.020	0.135	0.072		1
p/m-Xylene	0.239	0.040	1.04	0.174		1
o-Xylene	0.110	0.020	0.477	0.087		1
Styrene	0.071	0.020	0.302	0.085		1
Tetrachloroethene	0.078	0.020	0.525	0.136		1
Toluene	0.723	0.020	2.72	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.037	0.020	0.196	0.107		1
Trichlorofluoromethane	0.190	0.050	1.06	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	2.37	2.00	5.62	4.75		1
2-Butanone	1.05	0.500	3.08	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-04
 Client ID: IMP-2
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/13/08 17:17
 Analyst: HM

Date Collected: 02/08/08 08:49
 Date Received: 02/11/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
1,1,1-Trichloroethane	0.103	0.020	0.560	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	0.394	0.020	1.93	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	0.092	0.020	0.551	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.134	0.020	0.656	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.32	0.020	7.91	0.120		1
Benzene	0.267	0.070	0.851	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.071	0.020	0.447	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.026	0.020	0.124	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

SAMPLE RESULTS

Lab ID: L0801913-04

Date Collected: 02/08/08 08:49

Client ID: IMP-2

Date Received: 02/11/08

Sample Location: PROVIDENCE, RI

Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Dichlorodifluoromethane	0.405	0.050	2.00	0.247		1
Ethylbenzene	1.13	0.020	4.89	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	4.22	0.040	18.3	0.174		1
o-Xylene	1.78	0.020	7.73	0.087		1
Styrene	0.741	0.020	3.15	0.085		1
Tetrachloroethene	0.746	0.020	5.05	0.136		1
Toluene	>50	0.02	>188	0.0753		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	3.64	0.020	19.6	0.107		1
Trichlorofluoromethane	2.84	0.050	15.9	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	4.82	2.00	11.4	4.75		1
2-Butanone	3.60	0.500	10.6	1.47		1
4-Methyl-2-pentanone	2.12	0.500	8.70	2.05		1

Project Name: GORHAM / ADELAIDE HS**Lab Number:** L0801913**Project Number:** 6196501**Report Date:** 02/18/08**SAMPLE RESULTS**

Lab ID: L0801913-04 R
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/14/08 08:32
Analyst: HM

Date Collected: 02/08/08 08:49
Date Received: 02/11/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Toluene	121	0.100	455	0.376		5

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/13/08 11:48

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG311555-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1



Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 02/13/08 11:48

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-04 Batch: WG311555-3						
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

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG311555-2					
1,1,1-Trichloroethane	90	-	70-130	-	
1,1,1,2-Tetrachloroethane	88	-	70-130	-	
1,1,2,2-Tetrachloroethane	88	-	70-130	-	
1,1,2-Trichloroethane	99	-	70-130	-	
1,1-Dichloroethane	90	-	70-130	-	
1,1-Dichloroethene	94	-	70-130	-	
1,2,4-Trimethylbenzene	91	-	70-130	-	
1,2-Dibromoethane	84	-	70-130	-	
1,2-Dichlorobenzene	84	-	70-130	-	
1,2-Dichloroethane	78	-	70-130	-	
1,2-Dichloropropane	102	-	70-130	-	
1,3,5-Trimethylbenzene	91	-	70-130	-	
1,3-Butadiene	96	-	70-130	-	
1,3-Dichlorobenzene	88	-	70-130	-	
1,4-Dichlorobenzene	87	-	70-130	-	
Benzene	84	-	70-130	-	
Bromodichloromethane	107	-	70-130	-	
Bromoform	88	-	70-130	-	
Bromomethane	85	-	70-130	-	
Carbon tetrachloride	106	-	70-130	-	
Chlorobenzene	87	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG311555-2					
Chloroethane	93	-	70-130	-	
Chloroform	90	-	70-130	-	
Chloromethane	96	-	70-130	-	
cis-1,2-Dichloroethene	92	-	70-130	-	
cis-1,3-Dichloropropene	96	-	70-130	-	
Dibromochloromethane	88	-	70-130	-	
Dichlorodifluoromethane	94	-	70-130	-	
Ethylbenzene	86	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	91	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92	-	70-130	-	
Methylene chloride	86	-	70-130	-	
Methyl tert butyl ether	75	-	70-130	-	
Naphthalene	101	-	70-130	-	
p/m-Xylene	88	-	70-130	-	
o-Xylene	88	-	70-130	-	
Styrene	87	-	70-130	-	
Tetrachloroethene	83	-	70-130	-	
Toluene	82	-	70-130	-	
trans-1,2-Dichloroethene	89	-	70-130	-	
trans-1,3-Dichloropropene	92	-	70-130	-	
Trichloroethene	105	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Lab Number: L0801913

Project Number: 6196501

Report Date: 02/18/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 Batch: WG311555-2					
1,2,4-Trichlorobenzene	100	-	70-130	-	
Trichlorofluoromethane	96	-	70-130	-	
Vinyl chloride	94	-	70-130	-	
Acrylonitrile	82	-	70-130	-	
n-Butylbenzene	81	-	70-130	-	
sec-Butylbenzene	83	-	70-130	-	
Isopropylbenzene	86	-	70-130	-	
p-Isopropyltoluene	76	-	70-130	-	
Acetone	77	-	70-130	-	
2-Butanone	79	-	70-130	-	
4-Methyl-2-pentanone	114	-	70-130	-	
1,2,3-Trichlorobenzene	105	-	70-130	-	

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801913

Report Date: 02/18/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: MP-1					
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethane	ND	ND	ppbV	NC	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.044	0.050	ppbV	13	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.260	0.293	ppbV	12	25
Benzene	0.289	0.277	ppbV	4	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.071	0.074	ppbV	5	25
Chlorobenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801913

Report Date: 02/18/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: MP-1					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	0.404	0.434	ppbV	7	25
Ethylbenzene	0.047	0.050	ppbV	5	25
Methylene chloride	0.675	ND	ppbV	NC	25
Methyl tert butyl ether	ND	0.021	ppbV	NC	25
p/m-Xylene	0.127	0.135	ppbV	6	25
o-Xylene	0.046	0.049	ppbV	6	25
Styrene	ND	ND	ppbV	NC	25
Tetrachloroethene	0.051	0.051	ppbV	0	25
Toluene	0.434	0.364	ppbV	18	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.023	0.022	ppbV	5	25
Trichlorofluoromethane	0.218	0.228	ppbV	4	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: GORHAM / ADELAIDE HS

Project Number: 6196501

Lab Number: L0801913

Report Date: 02/18/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-04 QC Batch ID: WG311555-4 QC Sample: L0801913-01 Client ID: MP-1					
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	7.23	7.85	ppbV	8	25
2-Butanone	42.9	46.6	ppbV	8	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: GORHAM / ADELAIDE HS**Lab Number:** L0801913**Project Number:** 6196501**Report Date:** 02/18/08**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801913-01A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801913-02A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801913-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM
L0801913-04A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

A - Spectra identified as "Aldol Condensation Product".

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

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

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

Standard Qualifiers

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

Report Format: Not Specified



Project Name: GORHAM / ADELAIDE HS
Project Number: 6196501

Lab Number: L0801913
Report Date: 02/18/08

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 Canister Query													
Aircan Id	Container Status	Bottle Order	Samplenum	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transferdate
0161	RECEIVED	40040	L0801913-03	07-FEB-2008	06-FEB-2008				77	78	1		12-FEB-2008
0180	RECEIVED	40040	L0801913-01	07-FEB-2008	06-FEB-2008				78	75	4		12-FEB-2008
0257	RECEIVED	40040	L0801912-08	07-FEB-2008	06-FEB-2008				80	81	1		12-FEB-2008
0279	RECEIVED	40040	L0801913-02	07-FEB-2008	06-FEB-2008				81	83	2		12-FEB-2008
0299	RECEIVED	40040	L0801912-03	07-FEB-2008	06-FEB-2008				80	79	1		12-FEB-2008
0303	RECEIVED	40040	L0801912-09	07-FEB-2008	06-FEB-2008				79	78	1		12-FEB-2008
0304	RECEIVED	40040	L0801912-07	07-FEB-2008	06-FEB-2008				79	78	1		12-FEB-2008
0331	RECEIVED	40040	L0801912-02	07-FEB-2008	06-FEB-2008				80	80	0		12-FEB-2008
0333	RECEIVED	40040	L0801912-08	07-FEB-2008	06-FEB-2008				79	70	12		12-FEB-2008
0334	RECEIVED	40040	L0801913-04	07-FEB-2008	06-FEB-2008				78	77	3		12-FEB-2008
0338	RECEIVED	40040	L0801912-01	07-FEB-2008	06-FEB-2008				80	80	0		12-FEB-2008
0339	RECEIVED	40040	L0801912-05	07-FEB-2008	06-FEB-2008				77	80	4		12-FEB-2008
0418	RECEIVED	40040	L0801912-04	07-FEB-2008	06-FEB-2008				78	77	1		12-FEB-2008
241	RECEIVED	40040	L0801912-08	07-FEB-2008		L0801335	-29.2	-1.8					12-FEB-2008
336	RECEIVED	40040	L0801912-07	07-FEB-2008		L0801335	-29.2	-0.3					12-FEB-2008
345	RECEIVED	40040	L0801913-02	07-FEB-2008		L0801335	-29.2	+1.2					12-FEB-2008

Double Click Aircan ID to see its audit trail

Air Canister Query													
Aircan Id	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pressure Out	Pressure In	Flow Out	Flow In	Rsd	Certified Products	Transfer Date
0339	RECEIVED	40040	L0801912-05	07-FEB-2008	06-FEB-2008				77	80	4		12-FEB-2008
0418	RECEIVED	40040	L0801912-04	07-FEB-2008	06-FEB-2008				78	77	1		12-FEB-2008
241	RECEIVED	40040	L0801912-08	07-FEB-2008		L080133E	-29.2	-1.8					12-FEB-2008
336	RECEIVED	40040	L0801912-07	07-FEB-2008		L080133E	-29.2	-0.3					12-FEB-2008
345	RECEIVED	40040	L0801913-02	07-FEB-2008		L080133E	-29.2	+1.2					12-FEB-2008
380	RECEIVED	40040	L0801913-03	07-FEB-2008		L080133E	-29.2	-3.4					12-FEB-2008
383	RECEIVED	40040	L0801913-04	07-FEB-2008		L080133E	-29.2	-0.2					12-FEB-2008
387	RECEIVED	40040	L0801912-02	07-FEB-2008		L080133E	-29.2	-1.9					12-FEB-2008
425	RECEIVED	40040	L0801913-01	07-FEB-2008		L080133E	-29.2	+2.1					12-FEB-2008
451	RECEIVED	40040	L0801912-05	07-FEB-2008		L080133E	-29.2	-4.3					12-FEB-2008
477	RECEIVED	40040	L0801912-09	07-FEB-2008		L080133E	-29.2	+1.9					12-FEB-2008
488	RECEIVED	40040	L0801912-03	07-FEB-2008		L080133E	-29.2	-1.3					12-FEB-2008
495	RECEIVED	40040	L0801912-04	07-FEB-2008		L080133E	-29.2	-1.2					12-FEB-2008
516	RECEIVED	40040	L0801912-01	07-FEB-2008		L080133E	-29.2	-1.7					12-FEB-2008
524	RECEIVED	40040	L0801912-06	07-FEB-2008		L080133E	-29.2	0.0					12-FEB-2008

Double Click Aircan ID to see its audit trail

Query Save Exit

Appendix D

Correspondence Regarding January 2008 Sampling Events



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

31 January 2008

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

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

Dear Mr. Martella:

On behalf of the Providence Department of Public Property (City), EA Engineering, Science, and Technology, Inc. (EA) is providing this summary of the data collected at the referenced Adelaide Avenue School site (the Site) during January 2008.

On 25 January 2008 and in accordance with the Order of Approval and amendments (Amended OA) for this Site, your Office was notified via telephone that Tetrachloroethylene was detected within one of the indoor air samples (Media Center/Room 145) collected on 8 January 2008 at a concentration (8.9 ug/m^3) that is greater than the applicable Indoor Air Action Level (5.0 ug/m^3) for this compound. This sample result was inconsistent with historical indoor data for the site (generally less than 0.5 ug/m^3) and for the Media Center/Room 145 in particular. Furthermore, much lower concentrations were detected beneath the school slab on the same sampling date, indicating that soil vapor intrusion was not the cause for the elevated concentration within the Media Center/Room 145. EA immediately visited the school to verify that the sub-slab depressurization (SSD) system was operating and interviewed the school librarian to evaluate possible causes of the elevated sampling result. The SSD System was operating effectively and no information suggesting a cause for the elevated sample result was identified.

As a precautionary measure, EA made immediate arrangements to pick-up sampling canisters to collect confirmatory air samples at the site, and to have an expedited turnaround (24-hour) of the analyses from the laboratory (Alpha Woods Hole Labs, Mansfield, MA) on the next business day. EA also requested that the analytical laboratory review their handling and analysis procedures relative to the 8 January 2008 sampling event. Upon researching their records and procedures, Alpha Woods Hole Labs notified EA that there was a strong likelihood that the sample was inadvertently cross-contaminated by equipment used to process a highly contaminated air sample (Tetrachloroethylene concentration of $239,000 \text{ ug/m}^3$) processed at their facility prior to receipt of the school samples.

On 28 January 2008, EA re-sampled the indoor air within the Media Center/Room 145, the outdoor ambient air, and the sub-slab air from directly beneath the Media Center/Room 145 (MP-8). The samples were transported to the laboratory and analyzed within 24-hours of receipt. Consistent with historical sampling results, all three samples collected on 28 January indicated Tetrachloroethylene



concentrations at or below the laboratory's reporting limit of 0.14 ug/m³. A copy of the associated laboratory report is attached.

In conclusion, the 8 January 2008 Tetrachloroethylene concentration for Media Center/Room 145 is not accurate as confirmed by the 28 January sampling event and as supported by the attached laboratory correspondence dated 29 January 2008 which explains the likely cross-contamination that occurred.

No SSD System modifications or other actions to address current site conditions are warranted or proposed at this time. The next monthly air sampling event for the school will be conducted in February 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.

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

Attachment

**Alpha Lab Data Report
28 January 2008 Sampling Event**



ANALYTICAL REPORT

Lab Number:	L0801231
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Peter Grivers
Project Name:	ADELAIDE HIGH SCHOOL
Project Number:	6196501.1005
Report Date:	01/29/08

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAC00299), 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: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Alpha Sample ID	Client ID	Sample Location
L0801231-01	OUTDOOR AMBIENT	PROVIDENCE, RI
L0801231-02	ROOM 145	PROVIDENCE, RI
L0801231-03	MP-8	PROVIDENCE, RI



Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

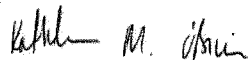
Lab Number: L0801231
Report Date: 01/29/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

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: 01/29/08

AIR

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

SAMPLE RESULTS

Lab ID: L0801231-01
Client ID: OUTDOOR AMBIENT
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/08 17:53
Analyst: HM

Date Collected: 01/28/08 14:15
Date Received: 01/28/08
Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	ND	0.020	ND	0.136		1



Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

SAMPLE RESULTS

Lab ID: L0801231-02
 Client ID: ROOM 145
 Sample Location: PROVIDENCE, RI
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/28/08 18:30
 Analyst: HM

Date Collected: 01/28/08 14:20
 Date Received: 01/28/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	ND	0.020	ND	0.136		1



Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

SAMPLE RESULTS

Lab ID: L0801231-03
 Client ID: MP-8
 Sample Location: PROVIDENCE, RI
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 01/28/08 19:07
 Analyst: HM

Date Collected: 01/28/08 14:40
 Date Received: 01/28/08
 Field Prep: Not Specified

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM						
Tetrachloroethene	0.021	0.020	0.140	0.136		1



Project Name: ADELAIDE HIGH SCHOOL

Lab Number: L0801231

Project Number: 6196501.1005

Report Date: 01/29/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 12:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG309957-3						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.200	ND	0.638		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: L0801231

Project Number: 6196501.1005

Report Date: 01/29/08

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15-SIM

Analytical Date: 01/28/08 12:22

Parameter	ppbV		ug/m3		Qualifier	Dilution Factor
	Results	RDL	Results	RDL		
Volatile Organic Compounds in Air by SIM for sample(s): 01-03 Batch: WG309957-3						
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	ND	0.040	ND	0.174		1
o-Xylene	ND	0.020	ND	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	ND	0.020	ND	0.136		1
Toluene	ND	0.020	ND	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	ND	2.00	ND	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1



Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Parameter	LCS %Recovery	LCS %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
1,1,1-Trichloroethane	122	-	70-130	-	
1,1,1,2-Tetrachloroethane	112	-	70-130	-	
1,1,2,2-Tetrachloroethane	78	-	70-130	-	
1,1,2-Trichloroethane	94	-	70-130	-	
1,1-Dichloroethane	106	-	70-130	-	
1,1-Dichloroethene	116	-	70-130	-	
1,2,4-Trimethylbenzene	97	-	70-130	-	
1,2-Dibromoethane	86	-	70-130	-	
1,2-Dichlorobenzene	98	-	70-130	-	
1,2-Dichloroethane	150	-	70-130	-	
1,2-Dichloropropane	76	-	70-130	-	
1,3,5-Trimethylbenzene	93	-	70-130	-	
1,3-Butadiene	94	-	70-130	-	
1,3-Dichlorobenzene	103	-	70-130	-	
1,4-Dichlorobenzene	103	-	70-130	-	
Benzene	87	-	70-130	-	
Bromodichloromethane	104	-	70-130	-	
Bromoform	104	-	70-130	-	
Bromomethane	108	-	70-130	-	
Carbon tetrachloride	125	-	70-130	-	
Chlorobenzene	91	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
Chloroethane	97	-	70-130	-	-
Chloroform	126	-	70-130	-	-
Chloromethane	88	-	70-130	-	-
cis-1,2-Dichloroethene	107	-	70-130	-	-
cis-1,3-Dichloropropene	92	-	70-130	-	-
Dibromochloromethane	92	-	70-130	-	-
Dichlorodifluoromethane	139	-	70-130	-	-
Ethylbenzene	89	-	70-130	-	-
1,1,2-Trichloro-1,2,2-Trifluoroethane	122	-	70-130	-	-
1,2-Dichloro-1,1,2,2-tetrafluoroethane	121	-	70-130	-	-
Methylene chloride	95	-	70-130	-	-
Methyl tert butyl ether	103	-	70-130	-	-
Naphthalene	106	-	70-130	-	-
p/m-Xylene	93	-	70-130	-	-
o-Xylene	91	-	70-130	-	-
Styrene	96	-	70-130	-	-
Tetrachloroethene	97	-	70-130	-	-
Toluene	79	-	70-130	-	-
trans-1,2-Dichloroethene	97	-	70-130	-	-
trans-1,3-Dichloropropene	100	-	70-130	-	-
Trichloroethene	106	-	70-130	-	-

Lab Control Sample Analysis Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

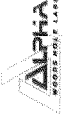
Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 Batch: WG309957-2					
1,2,4-Trichlorobenzene	101	-	70-130	-	-
Trichlorofluoromethane	150	-	70-130	-	-
Vinyl chloride	96	-	70-130	-	-
Acrylonitrile	105	-	70-130	-	-
n-Butylbenzene	88	-	70-130	-	-
sec-Butylbenzene	96	-	70-130	-	-
Isopropylbenzene	99	-	70-130	-	-
p-Isopropyltoluene	88	-	70-130	-	-
Acetone	104	-	70-130	-	-
2-Butanone	90	-	70-130	-	-
4-Methyl-2-pentanone	78	-	70-130	-	-

Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
1,1,1-Trichloroethane	ND	ND	ppbv	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbv	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbv	NC	25
1,1,2-Trichloroethane	ND	ND	ppbv	NC	25
1,1-Dichloroethane	ND	ND	ppbv	NC	25
1,1-Dichloroethene	ND	ND	ppbv	NC	25
1,2,4-Trimethylbenzene	0.077	0.076	ppbv	2	25
1,2-Dibromoethane	ND	ND	ppbv	NC	25
1,2-Dichlorobenzene	ND	ND	ppbv	NC	25
1,2-Dichloroethane	0.030	0.028	ppbv	10	25
1,2-Dichloropropane	ND	ND	ppbv	NC	25
1,3,5-Trimethylbenzene	0.022	0.022	ppbv	0	25
1,3-Dichlorobenzene	ND	ND	ppbv	NC	25
1,4-Dichlorobenzene	0.369	0.382	ppbv	3	25
Benzene	0.367	0.369	ppbv	1	25
Bromodichloromethane	0.024	0.023	ppbv	1	25
Bromoform	ND	ND	ppbv	NC	25
Carbon tetrachloride	0.096	0.097	ppbv	1	25
Chlorobenzene	ND	ND	ppbv	NC	25



Lab Duplicate Analysis
Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM Associated sample(s): 01-03 QC Batch ID: WG309957-4 QC Sample: L0801215-01 Client ID: DUP Sample					
Chloroethane	ND	ND	ppbv	NC	25
Chloroform	0.099	0.101	ppbv	2	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	0.811	0.842	ppbv	4	25
Ethylbenzene	0.107	0.099	ppbv	7	25
Methylene chloride	ND	ND	ppbv	NC	25
Methyl tert butyl ether	0.047	0.052	ppbv	10	25
p/m-Xylene	0.283	0.271	ppbv	4	25
o-Xylene	0.087	0.084	ppbv	4	25
Styrene	0.058	0.046	ppbv	22	25
Tetrachloroethene	0.049	0.047	ppbv	5	25
Toluene	1.43	1.42	ppbv	1	25
trans-1,2-Dichloroethene	ND	ND	ppbv	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbv	NC	25
Trichloroethene	0.097	0.094	ppbv	3	25
Trichlorofluoromethane	2.47	2.54	ppbv	3	25



Lab Duplicate Analysis Batch Quality Control

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organic Compounds in Air by SIM	01-03	QC Batch ID: WG309957-4	QC Sample: L0801215-01	Client ID: DUP Sample	
Vinyl chloride	ND	ND	ppbv	NC	25



Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0801231-01A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0801231-02A	Canister - 6 Liter	NA	NA		NA	Absent	TO15-SIM
L0801231-03A	Canister - 2.7 Liter	NA	NA		NA	Absent	TO15-SIM

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

GLOSSARY

Acronyms

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

Terms

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

Data Qualifiers

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

- A - Spectra identified as "Aldol Condensation Product".
 B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
 E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
 J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

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

Project Name: ADELAIDE HIGH SCHOOL
Project Number: 6196501.1005

Lab Number: L0801231
Report Date: 01/29/08

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 Canister Tracking

Select Status: Enter Bottle Order #: Print Labels Cert. / Batch #:

Aircan Id	Container Type	Container Status	Bottle Order	Sample Num	Shipping Date	Calibration Date	Cert. / Batch #	Pres. Out	Pres. In	Flow Out	Flow In	RSD	Certified Products	Transfer Date
217	2.7L Summ	RECEIVED	39813	L0801231-03	25-JAN-2008			30.0	2.0					28-JAN-2008 16
629	6.0L Summ	RECEIVED	39813	L0801231-01	25-JAN-2008		L071917E	30.0	1.0					28-JAN-2008 16
896	6.0L Summ	RECEIVED	39813	L0801231-02	25-JAN-2008		L0800107	30.0	3.3					28-JAN-2008 16
0340	<1hr Reg S	RECEIVED	39813	L0801231-03	25-JAN-2008	25-JAN-2008				77	81	5		28-JAN-2008 16
0081	<1hr Reg A	RECEIVED	39813	L0801231-01	25-JAN-2008	25-JAN-2008				177	171	3		28-JAN-2008 16
0279	<1hr Reg A	RECEIVED	39813	L0801231-02	25-JAN-2008	25-JAN-2008				176	187	6		28-JAN-2008 16

Attachment

**Alpha Woods Hole Lab – Sample Review Letter
25 January 2008**



January 25, 2008

Peter Grivers
EA Engineering, Science and Technology
2350 Post Road
Warwick, RI 02886

RE: Review Sample Submission L0800291 for Tetrachloroethene Contamination

Peter;

Per your email request on January 22, 2008, Alpha Analytical, Inc. has investigated the detection of tetrachloroethene on the January sample submission from the Gorham School in Providence, RI. The levels reported were inconsistent from the previous rounds of data collected from March 2007 to December 2007, and were generally a factor of 10 greater than previous levels. Also, the data from ambient, indoor air, and soil vapor samples were not indicative of a vapor intrusion issue; typically elevated levels would be in the soil vapor in comparison to indoor air. The combination of these two inconsistencies prompted Alpha to conduct a further review into the possibility of cross contamination of the Gorham School samples.

It was discovered during the review that a sample from another client and site (Alpha Lab ID L0800206) had significant levels of tetrachloroethene present ($239,000 \text{ ug/m}^3$). The sample was received by Alpha on January 7, 2008, one day prior to the January samples for the Gorham School. It is likely that the elevated levels in the L0800206 sample caused the tubing and gauge used to conduct the initial pressure check of canisters to be contaminated beyond that which our standard decontamination procedures could prevent.

Alpha has recommended re-collecting samples to confirm that this may indeed be an issue of cross-contamination, and will expedite the analyses of the re-sampling event. We are also re-examining our procedures and availability of additional analytical equipment to prevent this cross contamination from reoccurring.

A handwritten signature in black ink, appearing to read "Andy Rezendes", is written in a cursive style.

Andy Rezendes
Product Line Manager-Air Testing