EA Engineering, Science, and Technology, Inc.

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

30 December 2009

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

RE: Quarterly O&M Status Report No. 9
Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island
Case No. 2005-029
EA Project No. 14687.01

Dear Mr. Martella:

On behalf of the City of Providence School Department (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 Alvarez High School site (the Site, formerly Adelaide Avenue High School).

This O&M Report summarizes recently completed Site activities related to compliance subslab vapor and indoor air sampling from the period between September 2009 and December 2009.

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

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

Mark K. Speer

Mark K. Speer, P.E.
Senior Engineer

cc: C. Jones, Prov. Dept. of Public Schools
T. Deller, Prov. Redevelopment Agency
J. Fernandez, City of Prov. Law Department
J. Boehnert, Partridge, Snow, & Hahn
Rep. Scott Slater
Knight Memorial Library Repository
A. Sepe, Prov. Dept. of Public Property
S. Fischbach, RI Legal Services
J. Ryan, Partridge, Snow, & Hahn
R. Dorr, Neighborhood Resident
J. Pichardo, Senator
Principal Torchon, Alvarez High School

Quarterly O&M Status Report No. 9

Summarizing Subslab Depressurization and Indoor Air Monitoring and Sampling Activities

Alvarez High School Site (Formerly Adelaide Avenue High School) Providence, Rhode Island

Prepared for

City of Providence School Department
797 Westminster Street
Providence, Rhode Island 02903

Prepared by

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

December 2009
EA Project No. 14687.01

CONTENTS

FIGURES

APPENDICES

1. INTRODUCTION AND BACKGROUND

On behalf of the City of Providence School Department (the City), EA Engineering, Science, and Technology, Inc. (EA) has prepared this Quarterly Operations and Maintenance (O&M) Status Report No. 9 for the Parcel B area of the former Gorham Manufacturing site in Providence, Rhode Island, formerly referred to as the Adelaide Avenue High School and now referred to as the Alvarez 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 2007, July 2007, and July 2009. 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 subslab 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. In July 2009, the periodic indoor air and subslab vapor sampling schedule was reduced to quarterly sampling from previously required monthly sampling.

This report summarizes the O&M, monitoring, and sampling activities completed at the Site for the 3-month period from September 2009 through November 2009 (Quarterly Reporting Period No. 9) and also includes an overall evaluation of volatile organic compound (VOC) concentrations within soil gas as they pertain to a potential rebound effect at the Site. Please refer to the Quarterly O&M Status Reports No. 1 through No. 8 for information regarding monitoring and sampling at the Site during the previous quarters. The RACR and previously submitted monthly correspondence contain details regarding the results of the monitoring and sampling program for the period between March and August 2007.

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

2.1 SSD SYSTEM

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

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

All vacuum measurements taken at each interior and perimeter subslab monitoring/sampling location were between -0.02 and -0.13 in. of water column, indicating continuous negative pressure values beneath the building slab.

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

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

2.2 INDOOR METHANE MONITORING SYSTEM

During this reporting period, indoor methane concentrations were not monitored continuously by the indoor methane monitoring system. The system is equipped with automatic alarm notification via audible signal and phone notification. However, during the September, October, and November 2009 sampling/monitoring events, EA observed that the indoor methane monitoring system power was off. EA noted the power outage, manually restarted the power, and recorded the initial readings. The methane monitoring system was then inspected further for any other abnormalities. EA has identified the uninterrupted power supply (UPS) as the cause of the temporary power outages. The UPS is a secondary power source that provides backup power to the monitoring system during primary source power loss events. The UPS will be replaced as soon as possible.

In September 2009, 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 December 2009.

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 9 October 2009. The outdoor ambient sample was collected from the west corner of the school (upwind) to ensure that system effluent was not captured in the sample. The sampling frequency has been reduced to quarterly sampling, per Order of Approval Addendum 3 prepared by RIDEM and dated 19 July 2009 (Appendix B). 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. An RL verification letter from Alpha Analytical Laboratory is provided in Appendix E. A data summary table and copies of the laboratory data reports associated with these two sampling events are provided in Appendix C. As detailed below, one contaminant was detected above the CT RTACs in each month of this quarter. All other compounds analyzed were below the applicable CT RTACs for all samples collected on 9 October 2009.

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 0.19 to 0.77 ug/m^3. Similarly, during this reporting period the ambient outdoor and indoor air concentrations of carbon tetrachloride ranged between 0.471 and 0.566 ug/m^3. Based upon discussions and guidance provided by the Rhode Island Department of Health, RIDEM Office of Waste Management, and RIDEM Office of Air Resources, these carbon tetrachloride results do not constitute Indoor Air Action Level exceedances for the Site since they are consistent with documented background concentrations.

2.4 SUBSLAB VAPOR SAMPLING AND EVALUATION OF POTENTIAL VOC REBOUND EFFECT

A total of 12 RIDEM-approved subslab sampling locations exist at the Site. In accordance with the Amended OA, six subslab vapor samples were collected in accordance with a RIDEM-approved (Amended OA) rotating sampling schedule and analyzed for VOCs via Method TO-15 SIM on 9 October 2009. The subslab data is summarized in Appendix D, along with copies of the laboratory data reports associated with these sampling events.

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

2.5 SUMMARY OF ROOFTOP VOC EMISSIONS

The Amended OA requires that rooftop VOC sampling be completed on an annual basis. The previous rooftop VOC sampling event was completed in June 2008 and was summarized in correspondence submitted to RIDEM in October 2008. Please refer to the previously submitted Quarterly Status Report No. 4 (dated October 2008) for more details regarding the rooftop VOC data.

The 2009 annual rooftop effluent VOC sampling event was scheduled for June 2009 and then rescheduled to July 2009 to accommodate the revised quarterly sampling schedule. However, due to an EA oversight, the sampling was conducted on 11 September 2009.

Previous rooftop effluent sampling rounds conducted in March 2007 (immediately after SSD system startup), June 2007, and June 2008 indicated compliance with all Air Pollution Control Permit Applicability Thresholds. In general, the VOC concentrations in the rooftop effluent associated with the September 2009 sampling round indicate continuance of the decreasing trend of VOC concentrations in subsurface soils and do not exceed the Air Pollution Control Permit Applicability Thresholds. Tabulation of the data and the rooftop sampling analytical report is provided as Appendix E.

2.6 CONCLUSIONS

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

- Analytical results from indoor air sampling conducted this quarter indicate no contaminants present above the CT RTACs other than carbon tetrachloride, a documented background contaminant.
- Analytical results from rooftop fan effluent sampling indicate continuance of decreasing trends of subslab VOC concentrations.
- There is no evidence that soil vapor intrusion into the Alvarez High School is occurring.
- There is no evidence of VOC rebound in soil gas beneath the school.
- The continuous operation of the SSD System, with no equipment malfunctions or alarm conditions, and confirmation of continuous subslab vacuum beneath the school illustrates ongoing, effective operation of the SSD System and that no soil vapor intrusion pathway exists at the school while the SSD System is operational.

- EA is currently investigating the periodic power outages of the indoor air methane monitoring system that has interrupted its continuous operation. EA is currently confirming the cause and taking steps to resolve it. EA will make note of any equipment maintenance, replacements, or other course of action taken to maintain effective operation of the continuous indoor methane monitoring system.

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

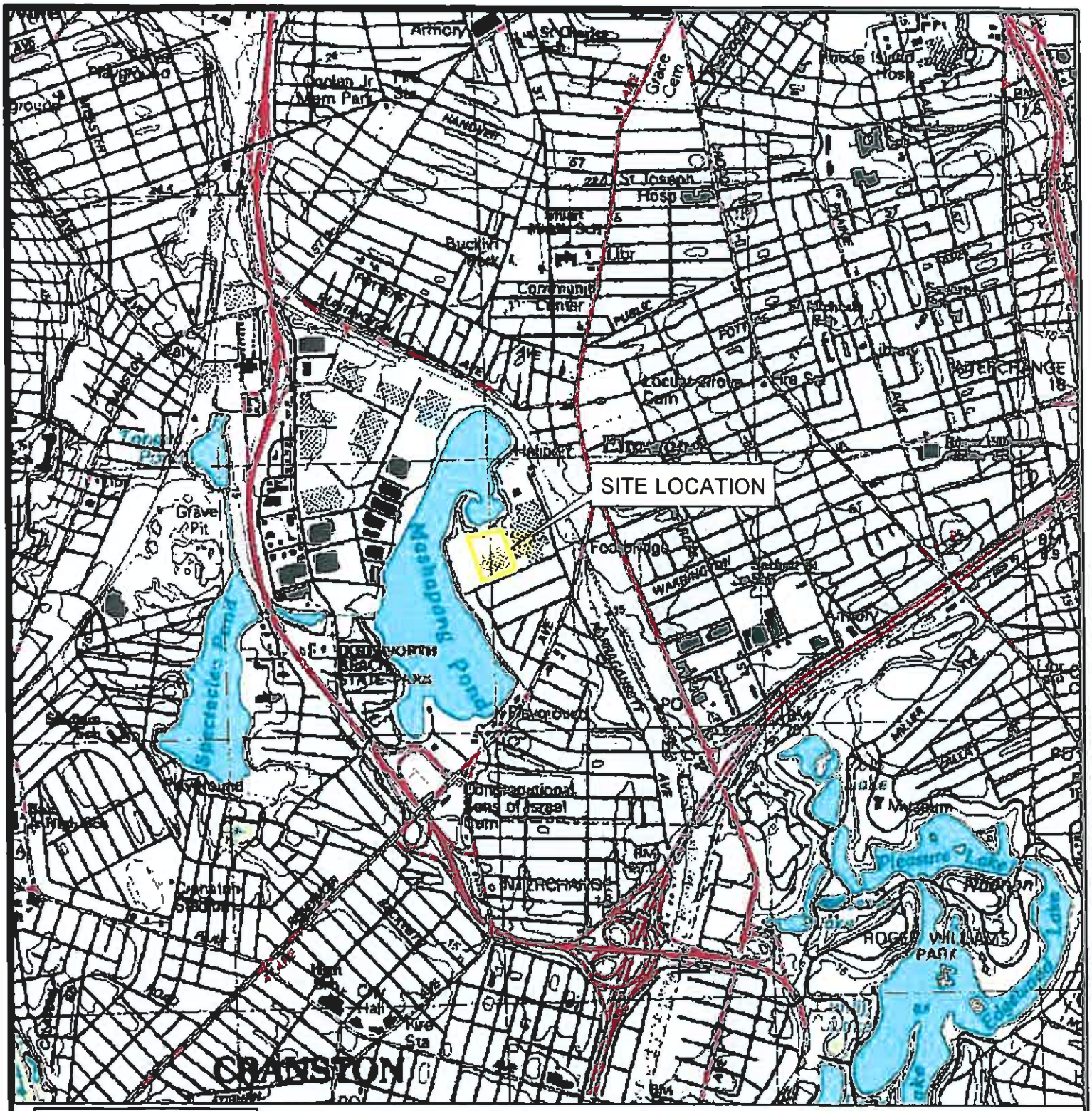
3. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT

During the next quarterly status reporting period ending 28 February 2010, the following activities will be completed in accordance with the Amended OA:

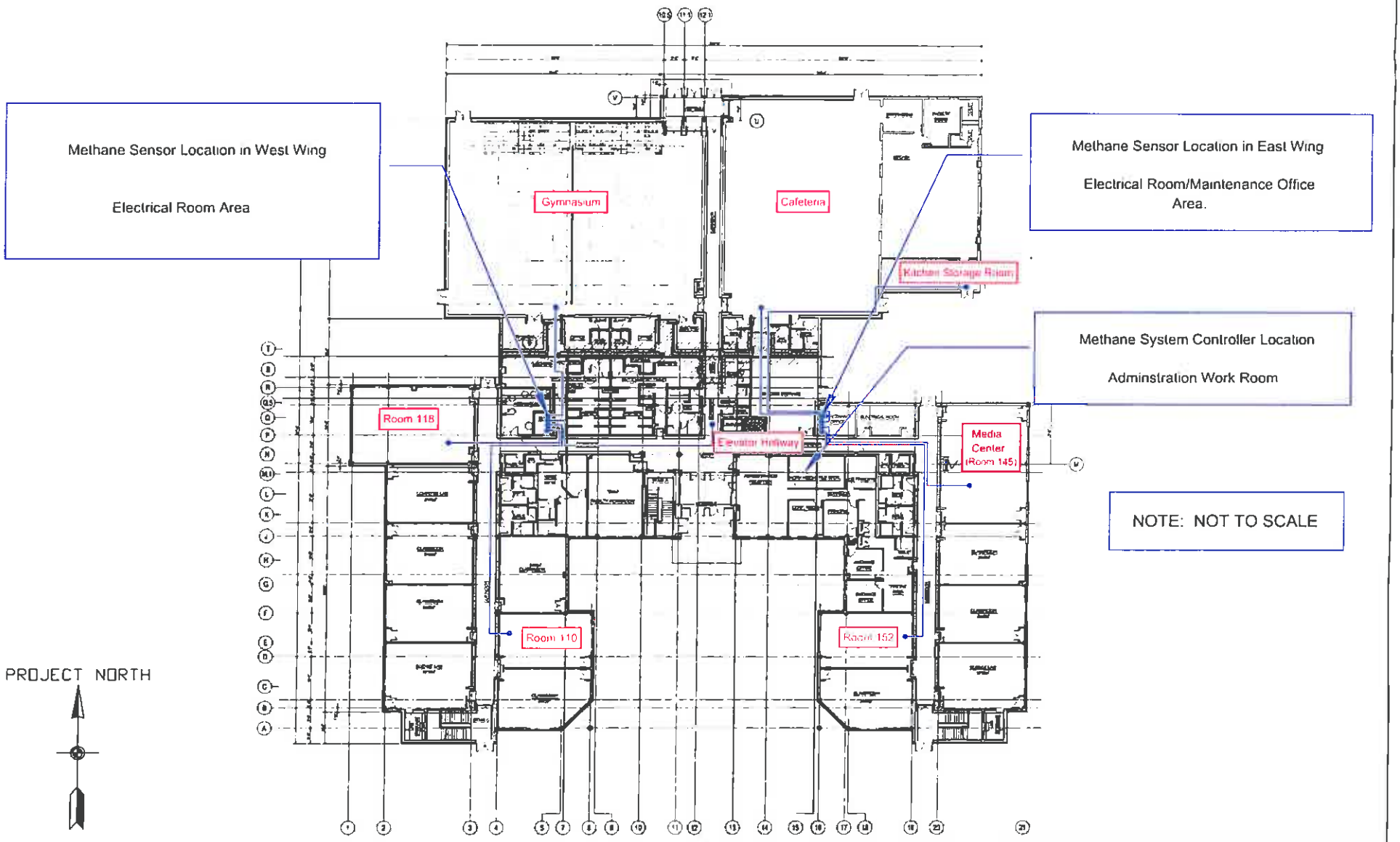
- Continuous indoor methane monitoring: periodic power outages to be identified and resolved
- Continuous monitoring of the operational status of the three rooftop fans
- Monthly site inspections and monitoring using a photoionization detector with part-per-billion sensitivity
- Collection of air samples from eight indoor locations, one ambient location, and six subslab monitoring points in January 2010.

These activities will be summarized in the next status report (Quarterly Status Report No. 10), expected to be submitted by the end of March 2010.

Figures



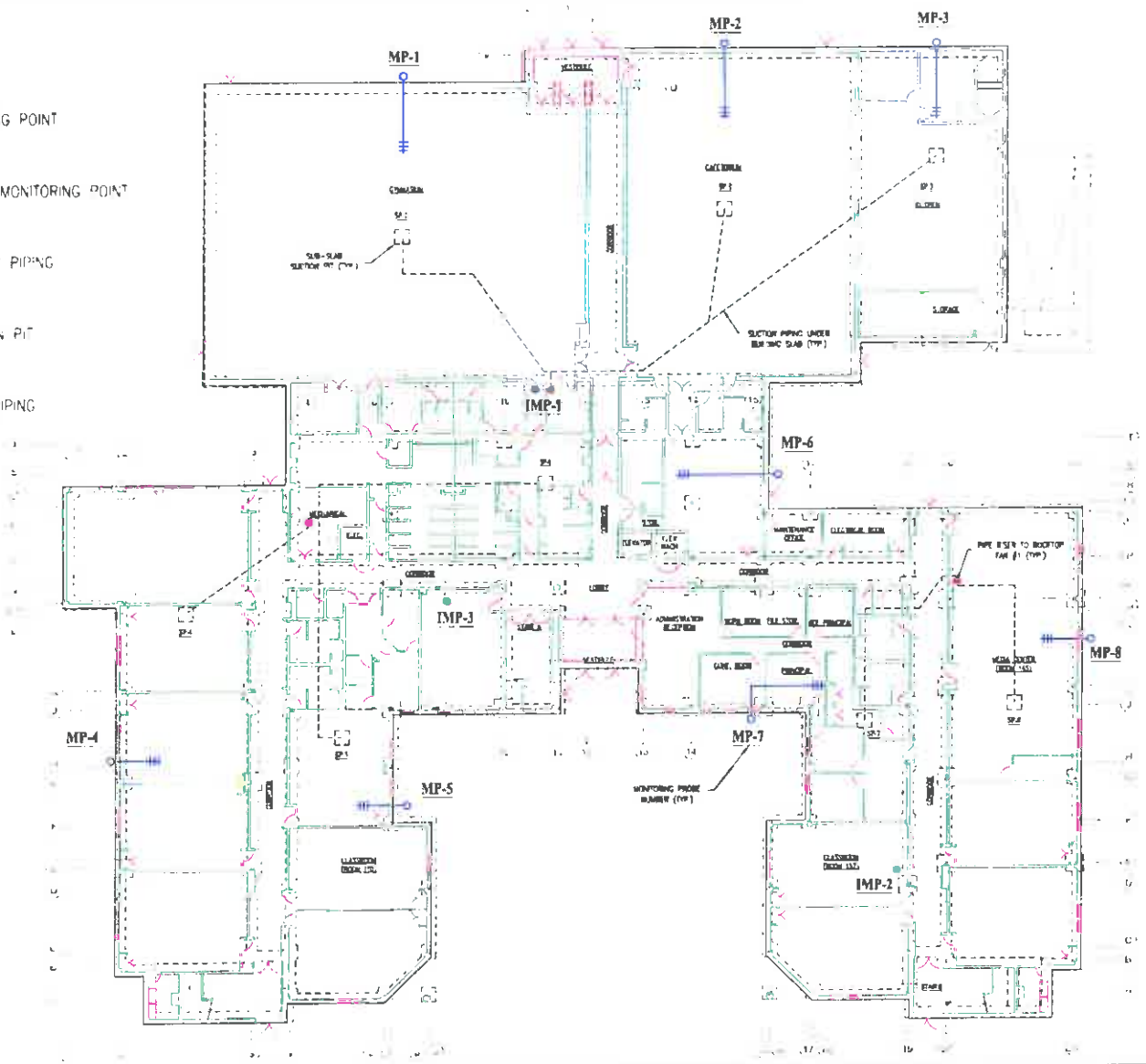
EA	FORMER GORHAM MANUFACTURING SITE, PARCEL B 333 ADELAIDE AVENUE PROVIDENCE, RHODE ISLAND						FIGURE 1 SITE LOCATION MAP
PROJECT MGR TR	DESIGNED BY DC	CREATED BY DC	CHECKED BY JP	SCALE: AS SHOWN	DATE FEBRUARY 2005	PROJECT NO. 6196501	FILE NO I:\R\FIG1 333 ADELAIDE_PROV MXD



EA®	DESIGNED BY PMG	DRAWN BY PMG	DATE 4-3-07	PROJECT NO 61965.01	FILE NAME Gorham Layout	INDOOR AIR SAMPLING AND METHANE MONITORING SYSTEM DIAGRAM - GORHAM HIGH SCHOOL PROVIDENCE, RHODE ISLAND
	CHECKED BY PMG	PROJECT MGR PMG	SCALE NTS	DRAWING NO –	FIGURE N/A	QUARTERLY STATUS REPORT FIGURE 2

LEGEND:

MP-1	SUB-SLAB MONITORING POINT
IMP-1	INTERIOR SUB-SLAB MONITORING POINT
	SLOTTED 1 INCH PVC PIPING
SP1	SSD SYSTEM SUCTION PIT
	SOLID 4 INCH PVC PIPING



EA®	DESIGNED BY: PMG	DRAWN BY: DMA	DATE: AUG 27 2007	PROJECT NO: 14687.01	FILE NAME: FIG 3	AS-BUILT SUB SLAB MONITORING AND SAMPLING LOCATIONS ALVAREZ HIGH SCHOOL PROVIDENCE, RHODE ISLAND
	CHECKED BY: PMG	PROJECT MGR: PMG	SCALE: NTS	DRAWING NO: N/A	FIGURE: 3	

QUARTERLY STATUS REPORT
FIGURE 3

Appendix A

O&M Field Forms

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

Date of O&M: 9/11/2009 Performed by: RGM

PID/Methane Calibration? US Environmental (yes/no)

Date of last Methane Sensor Filter Replacement: 6/9/2009 Replaced this O&M Visit? Yes (yes/no)

General Status of SSD System: On-line

General Status of Methane Monitoring System: Methane monitoring system was off, EA personnel restarted the monitoring system and recorded initial readings

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

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc .... continue on separate sheet if needed)
			PID (ppm)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (Inches Hg)	
Gymnasium	NA	NA	26.000										
Cafeteria	NA	NA	8.000										
Kitchen Storage Room	NA	NA	0.000										
Elevator Hallway	NA	NA	29.000										
Room 145	NA	NA	4.000										
Room 152	NA	NA	22.000										
Room 118	NA	NA	15.000										
Room 110	NA	NA	20.000										
MP-1	0.05	NA	3253.000	NA									
MP-2	0.06	NA	161.000	NA									
MP-3	.05	NA	2320.000	NA									
MP-4	0.04	NA	8056.000	NA									
MP-5	0.10	NA	102.000	NA									
MP-6	0.03	NA	119.000	NA									
MP-7	0.03	NA	93.000	NA									
MP-8	0.10	NA	44400.000	NA									
IMP-1	0.02	NA	31.000	NA									
IMP-2	0.03	NA	8.000	NA									
IMP-3	0.02	NA	16.000	NA									
Roof-Top Fan 1	2.20	2095	59.000	NA			139		11:30	18	—	1	
Roof-Top Fan 2	3.80	2041	31.000	NA			455		11:25	28	—	4	
Roof-Top Fan 3	2.4	1765	69.000	NA			231		10:37	30.000	—	1	
Ambient Outdoor Air	NA	NA	0.000	NA									

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: 10/9/2009 Performed by RGM/PT

PID/Methane Calibration? US Environmental (yes/no)

Date of last Methane Sensor Filter Replacement: 9/11/2009 Replaced this O&M Visit? No (yes/no)

General Status of SSD System: Observed in working order

General Status of Methane Monitoring System: Methane monitoring system was off, EA personnel restarted the monitoring system and recorded initial readings

Eng. Cap/Fence Inspection Performed/Notes: Observed in good condition

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	0.026	0	0	0	105	0401	0659	-29	0725	-4	
Cafeteria	NA	NA	0.000	0	0	0	460	0426	0658	-30+	0724	-4	
Kitchen Storage Room	NA	NA	0.004	0	0	0	113	0217	0707	-30+	0735	-3	
Elevator Hallway	NA	NA	0.028	0	0	0	199	0209	0701	-28	0726	-5	
Room 145	NA	NA	0.000	0	0	0	504	0007	0702	-28	0727	-4	
Room 152	NA	NA	0.000	0	0	0	148B	0446	0703	-30+	0728	-10	
Room 118	NA	NA	0.000	0	0	0	160	0132	0704	-30+	0730	-10	
Room 110	NA	NA	0.000	0	0	0	220	0417	0705	-30	0731	-8	
MP-1	0.02	NA	0.007	NA	0	0	—	—	—	—	—	—	
MP-2	0.12	NA	0 103	NA	0	0	501	0452	0848	30	0918	-5	
MP-3	0.11	NA	0 051	NA	0	0	—	—	—	—	—	—	
MP-4	0 08	NA	0.022	NA	0	0	—	—	—	—	—	—	
MP-5	0.11	NA	0.007	NA	0	0	345	0049	0934	30	1000	-5	
MP-6	0 02	NA	0.081	NA	0	0	—	—	—	—	—	—	
MP-7	0.02	NA	0.006	NA	0	0	529	0062	0915	30+	0941	-9	
MP-8	0.08	NA	0.009	NA	0	0	212	0125	0904	30	0929	-7	
IMP-1	.04	NA	0 111	NA	0	0	104	0067	0720	-30+	0748	-7	
IMP-2	.03	NA	0 313	NA	0	0	—	—	—	—	—	—	
IMP-3	.02	NA	0.041	NA	0	0	102	0332	0741	-29	0807	-6	
Roof-Top Fan 1	2.00	1258	0.088	NA	0	0	—	—	—	—	—	—	
Roof-Top Fan 2	3 70	2081	0 122	NA	0	0	—	—	—	—	—	—	
Roof-Top Fan 3	NA	1271	0.335	NA	0	0	—	—	—	—	—	—	
Ambient Outdoor Air	NA	NA	0.000	NA	0	0	155	0052	0933	-29	0959	-3	Upwind = south

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: 11/6/2009 Performed by DMA

PID/Methane Calibration? US Environmental (yes/no)

Date of last Methane Sensor Filter Replacement: Sept. 2009 Replaced this O&M Visit? No (yes/no)

General Status of SSD System: On-line

General Status of Methane Monitoring System: Methane monitoring system was off, EA personnel restarted the monitoring system and recorded initial readings

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

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc .... continue on separate sheet if needed)
			PID (ppm)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (Inches Hg)	End Time	End Vac (Inches Hg)	
Gymnasium	NA	NA	0.057										Occupied
Cafeteria	NA	NA	0.051										Occupied
Kitchen Storage Room	NA	NA	0.005										Occupied
Elevator Hallway	NA	NA	0.052										Occupied
Room 145	NA	NA	0.022										Occupied
Room 152	NA	NA	0.167										Occupied
Room 118	NA	NA	0.092										Occupied
Room 110	NA	NA	0.025										
MP-1	0.10	NA	2.060	NA									
MP-2	0.13	NA	0.285	NA									
MP-3	0.04	NA	0.036	NA									
MP-4	0.05	NA	1.040	NA									
MP-5	0.04	NA	0.034	NA									
MP-6	0.05	NA	3.860	NA									
MP-7	0.02	NA	0.062	NA									
MP-8	0.08	NA	0.047	NA									
IMP-1	0.03	NA	0.018	NA									
IMP-2	0.04	NA	0.022	NA									Crack in concrete floor
IMP-3	0.03	NA	0.028	NA									
Roof-Top Fan 1	2.20	2114	0.038	NA									
Roof-Top Fan 2	3.60	2295	0.026	NA									
Roof-Top Fan 3	2.4	1810	0.005	NA									
Ambient Outdoor Air	NA	NA	0.000	NA									

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

Order of Approval Addendum 3
RIDEM, 14 July 2009

RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
235 Promenade Street, Providence, RI 02908-5767 TDD 401-222-4462

CERTIFIED MAIL

July 14, 2009

Alan Sepe, Acting Director
Department of Public Properties
City of Providence
25 Dorrance Street
Providence, RI 02903

RE: Order of Approval Addendum 3, Providence Public High School Site – Parcel B
Formerly a portion of the Gorham/Textron Dump site, 333 Adelaide Avenue, Providence
City of Providence Tax Assessor's Office Plat 51, Lot 323, Parcel B
Case No. 2005-029 (Formerly part of Case No. 97-030)

Dear Mr. Sepe:

Enclosed please find the Order of Approval Addendum 3 (OA Addendum 3) for the remediation plan for the above referenced facility. Please review the stipulations of the attached OA Addendum 3 thoroughly to ensure your compliance with the requirements. The original Order of Approval (Order) dated June 9, 2006, the Order of Approval Addendum 1 (OA Addendum 1) dated February 27, 2007, the Order of Approval Addendum 2 (OA Addendum 2) dated July 26, 2007, and this OA Addendum 3 (collectively the Amended Orders) place primary responsibility for the construction, operation, maintenance and monitoring of the approved Remedial Action Work Plan (RAWP) and its associated remedy on the City of Providence (the City). In order to enable the Department to monitor the City's compliance with the RAWP, the Amended Orders require the City to notify the Department of any condition that is non-compliant with the Amended Orders, or that constitutes an interruption of the RAWP. In order to maintain compliance with the Amended Orders and the RAWP, the City's responsibilities under the Amended Orders necessarily include the responsibility to respond to and correct non-compliant conditions in a timely, proactive and professional manner that minimizes non-compliance with the Amended Orders and RAWP, and protects human health and the environment.

This OA Addendum 3 shall be recorded in the land evidence records of the City of Providence within 30 days of execution as required by law, and a recorded copy must be returned to the Department within 7 days of recording. If you have any questions regarding this matter, please contact me at (401) 222-2797 x7109.

Sincerely,

Joseph T. Martella II
Senior Engineer
Office of Waste Management

cc: Terrence D. Gray, P.E., Assistant Director, RIDEM/AW&C
Leo Hellested, P.E., Chief, RIDEM/OWM
Kelly J. Owens, RIDEM/OWM
John Langlois, Esq., RIDEM/OLS
Barbara Morin, RIDEM/OAR
Robert Vanderslice, PhD, RIDOH
Tammie A. McRae, ATSDR
Hon. David N. Cicilline, Mayor, City of Providence
Senator Juan M. Pichardo, District 2
Representative Thomas Slater
Councilman Peter S. Mancini, President
Councilman Leon F. Tejada, Ward 8
Thomas Deller, City of Providence
Thomas M. Brady, Superintendent, Providence Schools
Robert Wise, President – Providence School Bd.
Mark K. Speer, EA
Gregory L. Simpson, Textron
Robert Dorr
Knight Memorial Library – Project Repository

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

In the matter of the application for a Remedial Action Approval at: **Case No. 2005-029**
Providence Public High School Site – Parcel B
(Formerly a portion of the Gorham/Textron Dump site)
333 Adelaide Avenue, Providence, RI, Plat 51, Lot 323 (the Site)

ORDER OF APPROVAL ADDENDUM 3

In the above entitled matter the Rhode Island Department of Environmental Management (the Department), issued to the **City of Providence (the City), in its capacity as owner and Responsible Party for the remediation of property located at 333 Adelaide Avenue, Providence,** an Order of Approval (Order) dated June 9, 2006, a first Order of Approval Addendum (OA Addendum 1) dated February 27, 2007, and a second Order of Approval Addendum (OA Addendum 2) dated July 26, 2007.

On March 4, 2008, the Department received a written request from EA Engineering, Science, and Technology, Inc. (EA), to change the City's indoor air and sub slab vapor sampling frequency and amend the requirements of OA Addendum 2. In addition, on January 29, 2009, the Department met with representatives of EA to discuss the ongoing operation of the system and the air and soil vapor data results collected up to that date. Based upon discussions at that meeting, the Department requested a revised submittal detailing the City's request, including documentation demonstrating that the system has been operating properly, and supporting the requested reduction in sampling frequency. The following document was subsequently filed by EA on behalf of the City:

- Order of Approval Amendment Request, Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island, prepared by EA, and dated April 27, 2009.

Based on review of the above referenced document, and additional sampling data submitted to date, the Department has concluded that an additional modification to the prior Order is warranted.

Subject to the conditions herein, the listed document, as well as the documents listed in the Order dated June 9, 2006, the OA Addendum 1 dated February 27, 2007, and the OA Addendum 2 dated July 26, 2007, fulfill the requirements of Section 9.00 (Remedial Action Work Plan) of the Department's Rules and Regulations for the Investigation and Remediation of Hazardous Materials Releases (Remediation Regulations), as amended February 24, 2004, and describe a plan to remediate existing contamination pursuant to 23-19.14-1 et seq. and the Department's Remediation Regulations, in accordance therewith.

It is the Department's intent that all conditions set forth in the Order dated June 9, 2006, OA Addendum 1 dated February 27, 2007, and the OA Addendum 2 dated July 26, 2007, shall remain in full force and effect unless specifically altered by this third Order of Approval Addendum (OA Addendum 3). This OA Addendum 3 continues to place primary responsibility for the construction, operation, maintenance and monitoring of the approved Remedial Action Work Plan (RAWP) and its associated remedy on the City. As the responsible party and performing

party, the City is expected to implement the RAWP in an expeditious and professional manner that prevents non-compliance with the original Order, OA Addendum 1, OA Addendum 2, OA Addendum 3, and the RAWP, and protects human health and the environment. For the convenience of the City and its contractors and consultants, the changes made to the original Order by this OA Addendum 3 have been highlighted below using boldfaced type and include a reference to the original paragraph of the Order as applicable.

Upon consideration thereof, and in accordance with Rule 10.1 (Remedial Action Approvals) of the Remediation Regulations, the Department approves said RAWP to remediate contamination through this OA Addendum 3, subject to the following amended conditions:

1) **All conditions set forth in the Order of Approval dated June 9, 2006, OA Addendum 1 dated February 27, 2007, and OA Addendum 2 dated July 26, 2007, shall remain in full force and effect unless specifically altered by this OA Addendum 3.**

2) Sampling and laboratory analysis of all media involved in the Remedial Action shall be conducted in accordance with the requirements of the RAWP, **the original Order, OA Addendum 1, OA Addendum 2, and this OA Addendum 3** [Ref. original Order ¶ 5].

3) The Site remedy as described in the RAWP, original **Order, OA Addendum 1, and OA Addendum 2,** shall also incorporate the following [Ref. original Order ¶ 6]:

   a) **A "complete round" of compliance sampling shall include 15 sample locations per sampling event, selected from the network as follows:**
      i) **One (1) ambient outdoor air sample**
      ii) **All eight (8) interior sampling locations;**
      iii) **Four (4) of the eight (8) perimeter sub slab sample collection locations (MP-1 through MP-8), selected on a rotational basis such that each location is sampled at an equal frequency;**
      iv) **Two (2) of the three (3) centrally located sub slab sample locations (IMP-1 through IMP-3), selected on a rotational basis such that each location is sampled at an equal frequency;**
      v) **All samples shall be analyzed for volatile organic compounds (VOCs) by EPA TO-15 SIM.**
   b) **The schedule for periodic compliance sampling and compliance monitoring shall be as follows** [Ref. Order ¶ 6.e.iv]:
      i) **Starting with the completed April 2009 sampling round, and quarterly thereafter (i.e. the next scheduled quarterly sampling round shall be in July 2009), a "complete round" of VOC compliance sampling and analysis shall be performed at the locations identified in item a) above.**
      ii) **Methane monitoring shall continue to be performed monthly at all interior and sub slab locations.**
      iii) **In the event that a remedial Action Level exceedance is detected at an indoor air sampling location, the City shall conduct an evaluation to determine the source of**

the exceedance. In the event that the source of the exceedance cannot be determined, or is determined to be resultant from soil vapor intrusion, then the sampling frequency for the non-compliant indoor sampling location and the closest sub-slab sampling location shall be adjusted to monthly until the problem is resolved and the concentrations measured at the non-compliant indoor sampling location are demonstrated to be compliant with the remedial Action Levels for a period of three (3) consecutive months.

iv) **During any period that the indoor air sampling frequency is adjusted to monthly, the City shall submit a monthly comment letter to the Department documenting the results of any additional sampling and monitoring conducted during the prior month.**

v) **The City shall continue to provide remedial Action Level exceedance notifications to the Department in accordance with the requirements of the original and amended Orders and to promptly investigate the potential source of any reported exceedance.**

c) **Periodic monitoring of methane and compliance sampling and analysis of VOCs** shall continue at the specified rate as long as a source of contamination exists, **unless otherwise authorized by the Department in written correspondence to the City** [Ref. Order ¶ 6.e.ix].

4) **The City shall have this OA Addendum 3 recorded in the City of Providence, land evidence records of the subject property within thirty (30) days of execution of this OA Addendum 3** [Ref. Order ¶ 23].

Subject to future revisions or amendments by the Department, the original Order, **OA Addendum 1, OA Addendum 2, and this OA Addendum 3** shall remain in full force and effect for as long as said RAWP shall be operated and maintained in a condition satisfactory to the Department. Failure to comply with all points outlined in the Department approved RAWP and stipulated in the original Order, **OA Addendum 1, OA Addendum 2, and this OA Addendum 3** shall result in the issuance of a Notice of Violation and Order against the City.

The original Order, **OA Addendum 1, OA Addendum 2, and this OA Addendum 3** shall be subject to modification or revocation in accordance with law.

Entered as an approval by the Department this 14th day of July, 2009.

By: _____

Leo Hellested, P.E.
Chief, Office of Waste Management
Department of Environmental Management

Appendix C

Indoor and Ambient Outdoor Air Analytical Summary and Lab Report

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft *Proposed* Indoor Residential Target Air Concentrations/Interim RIDF M-Approved Action Level	Kitchen Garage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Weight 102		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1,1-Trichloroethane*	15-Mar-07		0.110		0.110		0.110		0.110		0.110		0.110	U	0.110		0.110		0.110	U
	22-Mar-07		0.164		0.108		0.109		0.109		0.109		0.109		0.109		0.109		0.109	
	26-Apr-07		0.116		0.116		0.190		0.120		0.140		0.120		0.120		0.110		0.110	
	21-May-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	29-Jun-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	30-Jul-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	22-Aug-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	20-Sep-07	500	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	9-Oct-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	7-Nov-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	5-Dec-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	8-Jan-08		0.180		0.140		0.110	U	0.120		0.120		0.120		0.130		0.110	U	0.110	U
	6-Feb-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	27-Mar-08		0.109	U	0.108	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	25-Apr-08		0.108	U	0.108	U	0.108	U	0.109	U	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U
	28-May-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	27-Jun-08		0.110	U	0.110	U	0.110	U	0.110	U	0.109	U	0.109	U	0.110	U	0.110	U	0.110	U
	31-Jul-08		0.108	U	0.109	U	0.109	U	0.109	U	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U
	28-Aug-08		0.108	U	0.108	U	0.108	U	0.109	U	0.108	U	0.109	U	0.109	U	0.108	U	0.108	U
	30-Sep-08		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
	27-Oct-08		3.400	U	3.400	U	3.400	U	3.140	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U
	25-Nov-08		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
	18-Dec-08		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
	21-Jan-09		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
	25-Feb-09		2.700	U	2.700	U	2.700	U	NS		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
	26-Mar-09		0.109	U	0.108	U	0.108	U	0.109	U	0.108	U	0.108	U	0.109	U	1.090		0.109	U
	29-Apr-09		0.120		0.108	U	0.108	U	0.109	U	0.108	U	0.153		0.229		0.174		0.272	
	22-Jul-09		0.108	U	0.108	U	0.108	U	0.109	U	0.108	U	0.109	U	0.109	U	0.108	U	0.108	U
	8-Oct-09		0.108	U	0.108	U	0.108	U	0.109	U	0.108	U	0.108	U	0.108	U	0.108	U	0.108	U
1,1,1,2-Tetrachloroethane	15-Mar-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	22-Mar-07		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	26-Apr-07		0.137	U	0.137	U	0.137	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.137	U
	21-May-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	29-Jun-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	30-Jul-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	22-Aug-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	20-Sep-07	0.062 / 0.14	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	9-Oct-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	7-Nov-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	5-Dec-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	8-Jan-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	6-Feb-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	27-Mar-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	25-Apr-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	28-May-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	27-Jun-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	31-Jul-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	28-Aug-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	30-Sep-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	27-Oct-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	25-Nov-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	18-Dec-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	21-Jan-09		0.140	U	0.140	U	5.000		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	25-Feb-09		0.140	U	0.140	U	0.370		NS		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	26-Mar-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	29-Apr-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	22-Jul-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	8-Oct-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
1,1,2,2-Tetrachloroethane	15-Mar-07		0.140	U	0.140	U	0.140	U	53.000		3.000		0.140	U	0.140	U	0.140	U	0.140	U
	22-Mar-07		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	26-Apr-07		0.137	U	0.137	U	0.137	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.137	U
	21-May-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	29-Jun-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	30-Jul-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	22-Aug-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	20-Sep-07	0.031 / 0.14	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	9-Oct-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	7-Nov-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	5-Dec-07		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	8-Jan-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	6-Feb-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	27-Mar-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	25-Apr-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	28-May-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	27-Jun-08		0.140	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.140	U	0.892		0.140	U
	31-Jul-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	28-Aug-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	30-Sep-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	27-Oct-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	25-Nov-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	18-Dec-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	21-Jan-09		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	25-Feb-09		0.140	U	0.140	U	0.140	U	NS		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
	26-Mar-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	29-Apr-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	22-Jul-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U
	8-Oct-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Cntr (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
1,1,2-Trichloroethane	15-Mar-07	2.2	0.110	U	0.110	U	0.110	U	0.270		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	22-Mar-07		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	26-Apr-07		0.109	U	0.109	U	0.109	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.109	U
	21-May-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	29-Jun-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	30-Jul-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	22-Aug-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	20-Sep-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	9-Oct-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	7-Nov-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	6-Dec-07		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	8-Jan-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	6-Feb-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	27-Mar-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	25-Apr-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	29-May-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	27-Jun-08		0.109	U	0.109	U	0.109	U	0.110	U	0.110	U	0.110	U	0.110	U	0.307		0.109	U
	31-Jul-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	28-Aug-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	30-Sep-08		0.110	U	0.110	U	0.300		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	27-Oct-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	25-Nov-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	18-Dec-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	21-Jan-09		0.110	U	0.110	U	0.110	U	NS		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	25-Feb-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	26-Mar-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	29-Apr-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	22-Jul-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
	9-Oct-09																			
1,1-Dichloroethane	15-Mar-07	77	0.080	U	0.080	U	0.080	U	0.080	U	0.240		0.080	U	0.080	U	0.080	U	0.080	U
	22-Mar-07		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.743		0.364		0.081	U	0.081	U
	26-Apr-07		0.081	U	0.081	U	0.081	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.081	U
	21-May-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	29-Jun-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	30-Jul-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	22-Aug-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	20-Sep-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	9-Oct-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	7-Nov-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	6-Dec-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	8-Jan-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	6-Feb-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	27-Mar-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	25-Apr-08		0.079	U	0.079	U	0.079	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	29-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	27-Jun-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	31-Jul-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	28-Aug-08		0.078	U	0.078	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	30-Sep-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	27-Oct-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	25-Nov-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	18-Dec-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	21-Jan-09		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	26-Mar-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	29-Apr-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	22-Jul-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.111		0.079	U	0.079	U
	9-Oct-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
1,1-Dichloroethene	15-Mar-07	18	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	22-Mar-07		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	26-Apr-07		0.079	U	0.079	U	0.079	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.079	U
	21-May-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	29-Jun-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	30-Jul-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	22-Aug-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	20-Sep-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	9-Oct-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	7-Nov-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	6-Dec-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	8-Jan-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	6-Feb-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	27-Mar-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	25-Apr-08		0.079	U	0.079	U	0.079	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	29-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	27-Jun-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	31-Jul-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	28-Aug-08		0.078	U	0.078	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	30-Sep-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	27-Oct-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	25-Nov-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	18-Dec-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	21-Jan-09		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	26-Mar-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	29-Apr-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	22-Jul-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.111		0.079	U	0.079	U
	9-Oct-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Antecedent RIDEM Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 116		Room 110		Media Ctr (Rm 145)		Room 152		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2,4-Trimethylbenzene	15-Mar-07		7 800		130 000		300 000		180 000		16 000		22 000		80 000		100 000		0 580	
	22-Mar-07		8 100		16 800		18 300		1 570		1 570		14 300		2 700		2 700		0 098	U
	26-Apr-07		6 540		10 800		3 280		11 800		18 300		0 720		22 200		7 200		0 098	U
	21-May-07		18 700		10 000		6 180		22 200		2 680		9 140		14 400		8 370		0 100	U
	29-Jun-07		16 000		9 805		7 180		9 800		1 300		0 530		1 800		3 800		0 180	
	30-Jul-07		8 400		4 700		6 000		5 900		3 700		0 940		1 800		2 000		0 130	
	22-Aug-07	9 3	3 800		1 720		3 200		3 080		0 320		0 130	U	0 130		0 180		0 100	U
	20-Sep-07		4 020		1 000		14 700		0 530		0 260		0 290		0 260		0 260		0 110	
	9-Oct-07		1 530		1 080		3 810		1 880		1 080		1 310		0 430		0 970		0 180	
	7-Nov-07		2 580		1 280		1 270		2 040		0 130		0 140		0 170		0 180		0 100	U
	6-Dec-07		0 870		0 670		1 510		1 840		0 180		0 180		0 360		0 260		0 110	
	9-Jan-08		0 980		0 920		3 080		3 420		0 890		0 660		1 000		1 030		1 260	
	8-Feb-08		0 900		0 970		2 820		1 890		0 210		0 210		0 210		0 310		0 210	
	27-Mar-08		1 330		1 890		3 380		3 240		0 930		1 380		0 835		0 969		0 094	U
	25-Apr-08		0 998		1 780		11 700		1 640		0 909		0 629		0 911		0 750		0 094	U
	29-May-08		0 300		0 470		5 270		5 680		0 270		0 980		0 990		0 170		0 100	U
	27-Jun-08		1 580		0 443		2 120		3 040		0 834		0 246		0 732		0 208		0 175	
	31-Jul-08		1 950		1 380		1 380		2 080		0 954		1 840		0 207		0 143		0 157	
	28-Aug-08		0 438		1 430		3 890		3 340		0 842		0 461		0 455		0 464		0 354	
	30-Sep-08		2 500	U	2 500	U	2 500	U	2 000	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	27-Oct-08		2 500	U	2 500	U	2 500	U	3 820		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	25-Nov-08		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	18-Dec-08		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	31-Jan-09		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	25-Feb-09		2 500	U	2 500	U	2 500	U	NS		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	26-Mar-09		0 842		0 858		1 500		1 300		0 526		0 583		0 737		0 564		0 736	
	29-Apr-09		1 520		0 368		1 340		1 200		0 187		0 096	U	0 108		0 096		0 142	
	22-Jul-09		1 010		0 216		1 140		0 338		0 564		0 791		0 889		0 873		0 894	
	8-Oct-09		1 240		1 260		1 250		1 480		0 712		0 786		0 702		0 717		0 089	
1,2-Dibromoethane (EDB)	15-Mar-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	22-Mar-07		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	26-Apr-07		0 154	U	0 154	U	0 154	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 154	U
	21-May-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	29-Jun-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	30-Jul-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	22-Aug-07	0 0028 / 0 15	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	20-Sep-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	9-Oct-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	7-Nov-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	6-Dec-07		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	9-Jan-08		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	8-Feb-08		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	27-Mar-08		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	25-Apr-08		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	29-May-08		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	27-Jun-08		0 150	U	0 190	U	0 154	U	0 154	U	0 150	U	0 150	U	0 628		0 154	U	0 150	U
	31-Jul-08		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	28-Aug-08		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	27-Oct-08		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	27-Oct-08		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	25-Nov-08		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	18-Dec-08		0 150	U	0 150	U	0 280		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	31-Jan-09		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	25-Feb-09		0 150	U	0 150	U	0 150	U	NS		0 150	U	0 150	U	0 150	U	0 150	U	0 150	U
	26-Mar-09		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	29-Apr-09		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	22-Jul-09		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
	8-Oct-09		0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U	0 154	U
1,2-Dichlorobenzene	15-Mar-07		0 120	U	0 120	U	0 120	U	0 120	U	0 720		0 120	U	0 120	U	0 120	U	0 120	U
	22-Mar-07		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	26-Apr-07		0 120		0 120		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	21-May-07		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	29-Jun-07		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	30-Jul-07		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	22-Aug-07	13	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	20-Sep-07		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	9-Oct-07		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	7-Nov-07		0 120	U	0 120	U	0 120	U	0 120	U	0 720	U	0 120	U	0 120	U	0 120	U	0 120	U
	6-Dec-07		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	9-Jan-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	8-Feb-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	27-Mar-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	25-Apr-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	29-May-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	27-Jun-08		0 120	U	0 170	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 822		0 120	U
	31-Jul-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	28-Aug-08		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	30-Sep-08		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	27-Oct-08		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	25-Nov-08		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	18-Dec-08		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	31-Jan-09		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	25 Feb-09		3 000	U	3 000	U	3 000	U	NS		3 000	U	3 000	U	3 000	U	3 000	U	3 000	U
	26-Mar-09		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	29-Apr-09		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	22-Jul-09		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U
	8-Oct-09		0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U	0 120	U

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Dept Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Screen Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 157		Ambient Ordinance	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2-Dichloroethane	15-Mar-07	0.07 / 0.08	0.060	U	0.060	U	0.060	U	0.160		0.060		0.060	U	0.060	U	0.060	U	0.060	U
	22-Mar-07		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	26-Apr-07		0.100		0.061		0.061	U	0.100		0.100		0.120		0.110		0.110		0.061	U
	21-May-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	29-Jun-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	30-Jul-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	22-Aug-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	20-Sep-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	9-Oct-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	7-Nov-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	6-Dec-07		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	8-Jan-08		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	6-Feb-08		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	27-Mar-08		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	25-Apr-08		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	29-May-08		0.060	U	0.061	U	0.060	U	0.064		0.060	U	0.060	U	0.176		0.060	U	0.061	U
	27-Jun-08		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	31-Jul-08		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	28-Aug-08		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	30-Sep-08		0.060	U	0.150		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	27-Oct-08		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	25-Nov-08		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	18-Dec-08		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	21-Jan-09		0.060	U	0.060	U	0.060	U	NS		0.060	U	0.060	U	0.060	U	0.060	U	0.060	U
	25-Feb-09		0.102		0.064		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	26-Mar-09		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	29-Apr-09		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	22-Jul-09		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
	9-Oct-09																			
1,2-Dichloropropane	15-Mar-07	0.13	0.090	U	0.090	U	0.090	U	0.180		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	22-Mar-07		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	26-Apr-07		0.092	U	0.092	U	0.092	U	0.090	U	0.090	U	0.090	U	0.092	U	0.090	U	0.092	U
	21-May-07		0.090	U	0.090	U	0.090	U	0.100		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	29-Jun-07		0.120		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	30-Jul-07		0.100		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	22-Aug-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	20-Sep-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	9-Oct-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	7-Nov-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	6-Dec-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	8-Jan-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	6-Feb-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	27-Mar-08		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	25-Apr-08		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	29-May-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	27-Jun-08		0.092	U	0.092	U	0.092	U	0.090	U	0.090	U	0.090	U	0.092	U	0.092	U	0.092	U
	31-Jul-08		0.092	U	0.093	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	28-Aug-08		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	30-Sep-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	27-Oct-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	25-Nov-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	18-Dec-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	21-Jan-09		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	25-Feb-09		0.090	U	0.090	U	0.090	U	NS		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	26-Mar-09		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	29-Apr-09		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	22-Jul-09		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
	9-Oct-09																			
1,3,5-Trimethylbenzene	15-Mar-07	9.3	4.500		56.000		130.000		64.000		7.200		12.000		28.000		42.000		0.250	
	22-Mar-07		4.370		6.880		8.890		0.705		0.835		1.080		8.890		1.960		0.086	U
	26-Apr-07		3.830		4.990		1.570		5.610		8.280		0.340		14.000		4.280		0.088	U
	21-May-07		14.400		8.650		4.190		19.800		1.250		8.270		10.300		5.190		0.103	U
	29-Jun-07		8.400		5.900		2.800		6.200		0.770		0.340		1.800		2.300		0.100	U
	30-Jul-07		4.500		2.500		2.800		3.200		1.900		0.580		1.900		1.100		0.105	U
	22-Aug-07		2.140		0.880		1.450		1.880		0.170		0.100	U	0.100	U	0.100	U	0.100	U
	20-Sep-07		2.900		0.550		7.870		0.210		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	9-Oct-07		0.830		0.500		2.120		0.970		0.650		0.710		0.410		0.500		0.100	U
	7-Nov-07		1.830		0.700		0.840		1.100		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	6-Dec-07		0.705		0.350		0.740		0.850		0.100	U	0.100	U	0.150		0.180		0.100	U
	8-Jan-08		0.705		0.280		1.380		1.700		0.280		0.180		0.270		0.350		0.380	
	6-Feb-08		0.480		0.450		1.260		0.945		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	27-Mar-08		0.535		0.652		1.620		1.530		0.292		0.438		0.256		0.334		0.086	U
	25-Apr-08		0.387		0.616		7.170		0.802		0.347		0.293		0.375		0.280		0.086	U
	29-May-08		0.178		0.229		4.810		4.050		0.140		0.540		0.470		0.180	U	0.103	U
	27-Jun-08		0.842		0.232		1.190		1.840		0.385		0.182		0.367		0.160	U	0.086	U
	31-Jul-08		1.040		0.782		0.671		1.360		0.970		1.190		0.098	U	0.098	U	0.086	U
	28-Aug-08		0.170		0.732		1.950		2.990		0.270		0.181		0.181		0.155		0.103	U
	30-Sep-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	27-Oct-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	25-Nov-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	18-Dec-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	21-Jan-09		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	25-Feb-09		2.500	U	2.500	U	2.500	U	NS		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	26-Mar-09		0.330		0.315		0.878		0.640		0.184		0.185		0.248		0.188		0.238	
	29-Apr-09		0.098	U	0.192		0.878		0.879		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U
	22-Jul-09		0.378		0.098	U	0.437		0.138		0.246		0.270		0.295		0.241		0.241	
	9-Oct-09		0.550		0.452		0.478		0.599		0.355		0.295		0.221		0.241		0.238	

Data Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentration/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,3-Dichlorobenzene	15-Mar-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120		0.120	U	0.120	U	0.120	U	0.120	U
	22-Mar-07		0.120	U	0.120	U	0.120		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	26-Apr-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	21-May-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	29-Jun-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	30-Jul-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	22-Aug-07	73	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	20-Sep-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	9-Oct-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	7-Nov-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	6-Dec-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	8-Jan-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	8-Feb-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	27-Mar-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	25-Apr-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	29-May-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	27-Jun-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	31-Jul-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	28-Aug-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	30-Sep-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	27-Oct-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	25-Nov-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	18-Dec-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	21-Jan-09		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	25-Feb-09		3.000	U	3.000	U	3.000	U	NS		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	26-Mar-09		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.180	U	0.120	U	0.120	U
	28-Apr-09		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	22-Jul-09		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	9-Oct-09		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
1,4-Dichlorobenzene	15-Mar-07		0.120		0.120	U	0.120	U	0.240		0.300		0.180		0.120		0.240		0.120	U
	22-Mar-07		0.180		0.180		0.720		0.180		0.120	U	0.120	U	0.120	U	0.120	U	0.180	
	26-Apr-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	21-May-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	29-Jun-07		0.240		0.310		0.280		0.280		0.240		0.240		0.250		0.240		0.190	
	30-Jul-07		2.200		0.450		0.550		0.870		1.100		0.870		1.100		1.900		1.200	
	22-Aug-07	24	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	20-Sep-07		0.120	U	0.140		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	9-Oct-07		0.630		0.490		0.940		0.220		0.600		0.720		0.480		0.150			
	7-Nov-07		0.250		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	6-Dec-07		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	8-Jan-08		0.360		0.430		0.280		0.350		0.270		0.240		0.360		0.250		0.260	
	8-Feb-08		0.120	U	0.170	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	27-Mar-08		0.292		0.272		0.206		0.588		0.726		0.793		0.238		0.237		0.120	U
	25-Apr-08		0.418		0.287		0.126		0.247		0.261		0.245		0.205		0.229		0.232	
	29-May-08		0.230		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
	27-Jun-08		0.508		0.478		0.361		0.315		0.130		0.273		1.340		0.582		0.132	
	31-Jul-08		0.309		0.924		0.294		0.323		0.456		0.686		0.272		0.329		0.256	
	28-Aug-08		0.198		0.252		0.216		0.262		0.205		0.211		0.202		0.232		0.213	
	30-Sep-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	27-Oct-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	25-Nov-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	18-Dec-08		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	21-Jan-09		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	25-Feb-09		3.000	U	3.000	U	3.000	U	NS		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
	26-Mar-09		0.149		0.128		0.126	U	0.120	U	0.193		0.146		0.204		0.150		0.120	U
	28-Apr-09		0.246		0.144		0.186		1.740		0.210		0.168		0.144		0.188		368	
	22-Jul-09		0.198		0.120	U	0.553		0.120	U	0.174		0.204		0.144		0.270		0.444	
	9-Oct-09		0.360		0.402		0.334		0.360		0.334		0.487		0.324		0.366		0.186	
Benzene	15-Mar-07		1.100		0.830		0.600		0.800		0.730		1.000		0.960		0.890		0.610	
	22-Mar-07		0.478		0.874		0.570		0.734		0.447		0.543		0.874		0.838		0.674	
	26-Apr-07		0.688		0.617		0.370		0.500		0.820		0.440		0.720		0.840		0.388	
	21-May-07		0.430		0.380		0.350		0.380		0.350		0.470		0.430		0.480		0.250	
	29-Jun-07		0.350		0.330		0.320		0.370		0.380		0.320		0.310		0.330		0.380	
	30-Jul-07		0.740		0.710		0.470		0.720		0.720		0.610		0.530		0.640		0.390	
	22-Aug-07	3.3	0.270		0.250		0.160		0.260		0.160		0.090		0.270		0.250		0.160	
	20-Sep-07		0.500		0.850		0.580		0.720		0.540		0.570		0.540		0.540		0.430	
	9-Oct-07		0.580		0.580		0.670		0.820		0.620		0.670		0.620		0.870		0.650	
	7-Nov-07		0.900		0.810		0.800		0.640		0.810		0.805		0.680		0.800		0.400	
	6-Dec-07		0.740		0.820		0.680		0.710		0.680		0.850		0.720		0.680		0.840	U
	8-Jan-08		2.010		1.610		1.580		1.600		2.070		1.880		2.350		1.900		3.185	
	8-Feb-08		0.810		0.840		0.730		0.760		0.610		0.800		0.750		0.780		0.875	
	27-Mar-08		1.420		1.350		1.800		1.420		0.218		2.130		1.730		1.680		0.372	
	25-Apr-08		1.380		1.300		0.838		1.480		1.150		1.270		1.130		1.120		0.413	
	29-May-08		0.370		0.430		0.300		0.400		0.370		0.450		0.410		0.370		0.230	
	27-Jun-08		0.631		0.803		0.686		0.844		0.687		0.804		0.848		0.583		0.726	
	31-Jul-08		0.568		0.477		0.419		0.451		0.328		0.465		0.378		0.390		0.405	
	28-Aug-08		1.190		1.110		1.010		0.953		0.935		1.060		1.060		1.070		1.280	
	30-Sep-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	0.204	1.000	U	1.000	U
	27-Oct-08		2.190		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	3.600	
	25-Nov-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	18-Dec-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	21-Jan-09		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	25-Feb-09		1.000	U	1.000	U	1.000	U	NS		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	26-Mar-09		2.330		1.840		1.740		1.850		1.840		2.210		0.318		1.880		2.390	
	28-Apr-09		0.584		0.358		0.332		0.332		0.363		0.358		1.460		0.335		0.351	
	22-Jul-09		0.826		0.648		0.642		0.574		0.852		1.460		1.060		4.330			
	9-Oct-09		1.130		0.954		0.803		0.876		0.819		1.050		1.070		0.996		1.100	

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

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 116		Room 110		Media Cntr (Rm 145)		Room 152		Ambient Outdoor Air	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Bromodichloromethane	15-Mar-07		0.130	U	0.130	U	0.130	U	3.200		0.270		0.130	U	0.130	U	0.130	U	0.130	U
	22-Mar-07		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	26-Apr-07		0.134	U	0.134	U	0.134	U	0.135	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	21-May-07		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	29-Jun-07		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	30-Jul-07		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	22-Aug-07	0.034 / 0.13	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	20-Sep-07		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	9-Oct-07		0.130	U	0.130		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	7-Nov-07		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	6-Dec-07		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	8-Jan-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	8-Feb-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	27-Mar-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	25-Apr-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	29-May-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	27-Jun-08		0.134	U	0.134	U	0.128	U	0.130	U	0.134	U	0.134	U	0.130	U	0.231		0.134	U
	31-Jul-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	28-Aug-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	30-Sep-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	31-Oct-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	25-Nov-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	16-Dec-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	21-Jan-09		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	25-Feb-09		0.130	U	0.130	U	0.130	U	NS		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U
	26-Mar-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	29-Apr-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	22-Jul-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U
	9-Oct-09																			
Bromoform	15-Mar-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	22-Mar-07		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U
	26-Apr-07		0.206	U	0.206	U	0.206	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.206	U
	21-May-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	29-Jun-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	30-Jul-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	22-Aug-07	0.55	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	20-Sep-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	9-Oct-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	7-Nov-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	6-Dec-07		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	8-Jan-08		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	8-Feb-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U
	27-Mar-08		0.208	U	0.208	U	0.208	U	0.206	U	0.208	U	0.206	U	0.208	U	0.210	U	0.206	U
	25-Apr-08		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
	29-May-08		0.210	U	0.210	U	0.206	U	0.208	U	0.210	U	0.210	U	1.300		0.210	U	0.208	U
	27-Jun-06		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U
	31-Jul-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U
	28-Aug-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U
	30-Sep-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U
	27-Oct-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U
	25-Nov-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U
	16-Dec-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U
	21-Jan-09		0.410	U	0.410	U	0.410	U	NS		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U
	25-Feb-09		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U
	26-Mar-09		0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.208	U
	29-Apr-09		0.208	U	0.208	U	0.206	U	0.206	U	0.206	U	0.206	U	0.208	U	0.206	U	0.206	U
	22-Jul-09		0.208	U	0.208	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U
	9-Oct-09																			
Carbon tetrachloride	15-Mar-07		0.630		0.630		0.670		0.670		0.570		0.630		0.670		0.630		0.570	
	22-Mar-07		0.629		0.629		0.754		0.629		0.754		0.629		0.754		0.691		0.629	
	26-Apr-07		0.713		0.684		0.696		0.760		0.720		0.770		0.730		0.720		0.705	
	21-May-07		0.420		0.410		0.330		0.385		0.360		0.360		0.360		0.360		0.480	
	29-Jun-07		0.510		0.510		0.450		0.568		0.630		0.600		0.600		0.480		0.600	
	30-Jul-07		0.529		0.530		0.570		0.530		0.530		0.550		0.530		0.530		0.530	
	22-Aug-07	0.59	0.730		0.740		0.770		0.740		0.740		0.650		0.710		0.750		0.670	
	20-Sep-07		0.440		0.480		0.488		0.540		0.530		0.430		0.530		0.530		0.430	
	9-Oct-07		0.529		0.530		0.570		0.530		0.530		0.540		0.540		0.540		0.550	
	7-Nov-07		0.550		0.570		0.630		0.620		0.640		0.640		0.640		0.660		0.640	
	6-Dec-07		0.510		0.500		0.600		0.475		0.500		0.470		0.480		0.500		0.500	
	8-Jan-08		0.570		0.565		0.580		0.580		0.580		0.580		0.570		0.580		0.570	
	8-Feb-08		0.500		0.480		0.440		0.456		0.480		0.475		0.470		0.470		0.470	
	27-Mar-08		0.540		0.541		0.547		0.537		0.580		0.577		0.552		0.564		0.565	
	25-Apr-08		0.436		0.470		0.495		0.445		0.448		0.439		0.465		0.450		0.436	
	29-May-08		0.470		0.470		0.450		0.470		0.480		0.490		0.470		0.480		0.460	
	27-Jun-08		0.544		0.528		0.526		0.534		0.526		0.536		0.555		0.547		0.537	
	31-Jul-08		0.528		0.537		0.528		0.554		0.554		0.542		0.564		0.551		0.557	
	28-Aug-08		0.552		0.548		0.551		0.545		0.568		0.559		0.556		0.572		0.551	
	30-Sep-08		0.488		0.446		0.494		0.497		0.461		0.250	U	0.491		0.531		0.547	
	31-Oct-08		0.370		0.510		0.280		0.456		0.280		0.510		0.270		0.480		0.460	
	25-Nov-08		0.400		0.400		0.400		0.440		0.420		0.350		0.370		0.470		0.470	
	16-Dec-08		0.350		0.330		0.440		0.410		0.420		0.350		0.340		0.310		0.520	
	21-Jan-09		0.490		0.480		0.870		0.480		0.500		0.480		0.570		0.540		0.620	
	25-Feb-09		0.360		0.190		0.360		NS		0.400		0.400		0.410		0.400		0.440	
	26-Mar-09		0.568		0.582		0.542		0.581		0.584		0.581		0.568		0.542		0.554	
	29-Apr-09		0.534		0.522		0.587		0.534		0.576		0.622		0.578		0.588		0.519	
	22-Jul-09		0.587		0.581		0.585		0.587		0.585		0.585		0.578		0.585		0.581	
	9-Oct-09		0.503		0.566		0.471		0.497		0.471		0.497		0.478		0.484		0.476	

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

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
Chlorobenzene	15-Mar-07		0.690	U	0.690	U	0.690	U	3.600		0.690	U	0.690	U	0.690	U	3.000	U	0.690	U
	22-Mar-07		0.692	U	0.368		1.040		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	26-Apr-07		0.693	U	0.692	U	0.692	U	0.693	U	0.693	U	0.693	U	0.693	U	0.693	U	0.693	U
	21-May-07		0.690	U	0.180		0.690	U	0.240		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	29-Jun-07		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	30-Jul-07		0.120		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	22-Aug-07	37	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	20-Sep-07		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	9-Oct-07		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	7-Nov-07		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	6-Dec-07		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	8-Jan-08		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	5-Feb-08		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	27-Mar-08		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	25-Apr-08		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	29-May-08		0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U	0.690	U
	27-Jun-08		0.692	U	0.690	U	0.690	U	0.692	U	0.690	U	0.690	U	0.690	U	0.314		0.692	U
	31-Jul-08		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	28-Aug-08		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	30-Sep-08		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
	27-Oct-08		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
	25-Nov-08		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
	18-Dec-08		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
	21-Jan-09		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
	25-Feb-09		2.300	U	2.300	U	2.300	U	NS		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
	26-Mar-09		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	28-Apr-09		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	27-Jul-09		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
	9-Oct-09		0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U	0.692	U
Chloroethane	15-Mar-07		0.050		0.110		0.050		0.050		0.050	U	0.050	U	0.050	U	0.050		0.270	
	22-Mar-07		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	26-Apr-07		0.053	U	0.053	U	0.053	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.053	U
	21-May-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	29-Jun-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	30-Jul-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	22-Aug-07	500	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	20-Sep-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	9-Oct-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	7-Nov-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	6-Dec-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	8-Jan-08		0.070		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	5-Feb-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	27-Mar-08		0.052		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	25-Apr-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	29-May-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	27-Jun-08		0.053	U	0.050	U	0.053	U	0.053	U	0.050	U	0.050	U	0.050	U	0.050	U	0.053	U
	31-Jul-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	28-Aug-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	30-Sep-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U
	27-Oct-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U
	25-Nov-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U
	18-Dec-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U
	21-Jan-09		1.300	U	1.3	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U
	25-Feb-09		1.300	U	1.300	U	1.300	U	NS		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U
	26-Mar-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	28-Apr-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	27-Jul-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
	9-Oct-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
Chloroform	15-Mar-07		0.200		0.200		0.150		0.100		0.100		0.150		0.270		0.150		0.200	
	22-Mar-07		0.195		0.244		0.293		0.390		0.244		0.585		0.488		0.195		0.098	U
	26-Apr-07		0.144		0.151		0.136		0.180		0.180		0.140		0.160		0.180		0.113	
	21-May-07		0.100	U	0.100	U	0.120		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	29-Jun-07		0.180		0.100	U	0.130		0.170		0.120		0.140		0.150		0.120		0.100	
	30-Jul-07		0.200		0.180		0.180		0.190		0.200		0.170		0.140		0.170		0.160	
	22-Aug-07	0.50	0.120		0.110		0.110		0.110		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	20-Sep-07		0.130		0.140		0.190		0.180		0.110		0.130		0.110		0.110		0.100	U
	9-Oct-07		0.180		0.150		0.170		0.160		0.150		0.180		0.140		0.150		0.130	
	7-Nov-07		0.800		0.180		0.180		0.190		0.190		0.170		0.200		0.180		0.100	U
	6-Dec-07		0.100	U	0.420		0.100	U	0.180		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	8-Jan-08		0.170		0.130		0.130		0.130		0.180		0.150		0.150		0.120		0.130	
	5-Feb-08		0.110		0.110		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	27-Mar-08		0.840		0.890		0.883		0.523		0.410		0.337		0.805		0.503		0.086	U
	25-Apr-08		0.186		0.218		0.193		0.122		0.126		0.134		0.110		0.130		0.098	U
	29-May-08		0.110		0.110		0.100		0.110		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	27-Jun-08		0.230		0.297		0.307		0.207		0.196		0.200		0.245		0.223		0.167	
	31-Jul-08		0.230		0.181		0.130		0.194		0.204		0.227		0.096	U	0.108		0.098	U
	28-Aug-08		0.342		0.373		0.298		0.312		0.369		0.602		0.209		0.271		0.295	
	30-Sep-08		0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U
	27-Oct-08		0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U
	25-Nov-08		0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U
	18-Dec-08		0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U
	21-Jan-09		0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U
	25-Feb-09		0.240	U	0.240	U	0.240	U	NS		0.240	U	0.240	U	0.240	U	0.240	U	0.240	U
	26-Mar-09		0.236		0.142		0.110		0.115		0.133		0.119		0.096	U	0.109		0.106	
	28-Apr-09		0.190		0.122		0.098	U	0.102		0.102		0.096	U	0.146		0.098	U	0.098	U
	27-Jul-09		0.229		0.151		0.166		0.141		0.206		0.160		0.146		0.171		0.439	
	9-Oct-09		0.578		0.098	U	0.283		0.302		0.263		0.307		0.322		0.302		0.171	

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Dept Proposed Indoor Residential Target Air Concentration/Interim RIDEM Approved Action Level	Kitchen Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Master Cntr (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
Chloromethane	15-Mar-07		1.300		1.700		1.400		1.600	U	1.500		1.300		1.700		1.100		1.400	
	22-Mar-07		1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U
	28-Apr-07		1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U
	21-May-07		6.270		9.370		1.540		1.540		1.540		6.270		1.030	U	8.510		1.030	U
	29-Jun-07		0.980	U	2.300		0.980	U	0.980	U	0.980	U	1.300		0.980	U	1.100		0.980	U
	30-Jul-07		1.000	U	1.100		1.000		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	22-Aug-07	14	4.700		2.960		2.460		2.910		2.760		2.440	U	2.440	U	2.440	U	2.440	U
	20-Sep-07		5.780		3.580		4.840		2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U
	9-Oct-07		3.080		2.600		3.720		2.730		2.790		3.140		2.580		3.140		2.440	U
	7-Nov-07		4.910		4.400		3.340		5.380		2.440	U	2.440	U	2.470		2.440	U	2.440	U
	6-Dec-07		2.470		2.780		2.440	U	3.460		2.440	U	2.440	U	2.520		2.880		2.440	U
	8-Jan-08		2.570		2.480		2.440	U	2.440	U	2.440	U	2.440	U	2.490		2.440	U	2.440	U
	8-Feb-08		2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.480		2.440	U	2.440	U	2.440	U
	27-Mar-08		2.830		3.070		2.680		2.440	U	2.830		2.440	U	2.480		2.440	U	2.440	U
	26-Apr-08		2.820		2.440	U	2.440	U	2.440	U	2.440	U	3.000		2.440	U	3.140		2.440	U
	29-May-08		2.780		3.000		7.100		11.000		2.940		6.280		5.420		2.770		2.440	U
	27-Jun-08		2.650		2.440	U	2.440	U	2.830		3.260		2.670		2.440	U	2.500		2.440	U
	31-Jul-08		3.640		3.880		3.330		4.370		3.440		3.740		2.440	U	2.440	U	2.440	U
	28-Aug-08		2.440		3.140		5.310		6.880		3.180		2.440	U	2.540		2.540		2.440	U
	30-Sep-08		1.400		1.300		1.100		1.400	U	1.600	U	1.700		1.600	U	1.000	U	1.700	
	27-Oct-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.200		1.000	U	1.000	U	1.000	U
	25-Nov-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	18-Dec-08		1.000	U	1.000	U	1.000	U	1.400		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U
	21-Jan-09		1.000	U	1.000	U	1.000	U	1.800		1.000	U	1.400		1.100		1.700		1.000	U
	25-Feb-09		1.000	U	1.000	U	1.000	U	NS		1.000		1.000	U	1.000	U	1.100		1.000	U
	26-Mar-09		2.490		2.840		2.550		2.920		2.910		2.440	U	2.440	U	2.440	U	2.440	U
	29-Apr-09		2.710		2.810		3.000		3.730		3.130		2.680		3.390		2.940		2.510	
	22-Jul-09		2.870		3.520		2.960		2.540	U	2.440	U	2.780		3.390		3.320		2.440	U
	9-Oct-09		3.450		2.740		2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U
cis-1,2-Dichloroethene*	15-Mar-07		0.080	U	0.080	U	0.080	U	1.600		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	22-Mar-07		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	28-Apr-07		0.079	U	0.079	U	0.079	U	0.080	U	0.080	U	0.079	U	0.079	U	0.079	U	0.079	U
	21-May-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	29-Jun-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	30-Jul-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	22-Aug-07	18	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	20-Sep-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	9-Oct-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	7-Nov-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	6-Dec-07		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	8-Jan-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	8-Feb-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	27-Mar-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	26-Apr-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	29-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	27-Jun-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
	31-Jul-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	28-Aug-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.092		0.079	U	0.079	U
	30-Sep-08		5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U
	27-Oct-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	25-Nov-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	18-Dec-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	21-Jan-09		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
	26-Mar-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079	U	0.079	U	0.079	U	0.079	U
	29-Apr-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
	22-Jul-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.127		0.079	U	0.079	U
	9-Oct-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
cis-1,3-Dichloropropene	15-Mar-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	22-Mar-07		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U
	28-Apr-07		0.081	U	0.081	U	0.081	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.081	U
	21-May-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	29-Jun-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	30-Jul-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	22-Aug-07	None	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	20-Sep-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	9-Oct-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	7-Nov-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	6-Dec-07		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	8-Jan-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	8-Feb-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	27-Mar-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	26-Apr-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	29-May-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
	27-Jun-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.185		0.090	U
	31-Jul-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	28-Aug-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	30-Sep-08		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
	27-Oct-08		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
	25-Nov-08		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
	18-Dec-08		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
	21-Jan-09		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
	25-Feb-09		0.180	U	0.180	U	0.180	U	NS		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
	26-Mar-09		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	29-Apr-09		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	22-Jul-09		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
	9-Oct-09		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentration/Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 116		Room 110		Media Cntr (Rm 145)		Room 132		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Dichlorodifluoromethane	15-Mar-07		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U
	22-Mar-07		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	26-Apr-07		0.096	U	0.096	U	0.096	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.096	U
	21-May-07		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	29-Jun-07		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U
	30-Jul-07		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U
	22-Aug-07	None	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	20-Sep-07		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	9-Oct-07		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	7-Nov-07		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	6-Dec-07		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	8-Jan-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	8-Feb-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	27-Mar-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	25-Apr-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	29-May-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	27-Jun-08		0.100	U	0.100	U	0.100	U	0.096	U	0.100	U	0.100	U	0.306		0.100	U	0.096	U
	31-Jul-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	28-Aug-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	30-Sep-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U
	21-Oct-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U
	25-Nov-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U
	16-Dec-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U
	21-Jan-09		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U
	25-Feb-09		4.200	U	4.200	U	4.200	U	NS		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U
	26-Mar-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	29-Apr-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	22-Jul-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
	9-Oct-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U
Dichlorotetrafluoroethane	15-Mar-07		2.300		2.400		2.500		2.400		2.400		2.400		2.400		2.500		2.000	
	22-Mar-07		2.820		2.720		2.820		3.985		2.820		2.820		2.820		2.870		2.420	
	26-Apr-07		3.030		3.040		3.030		3.170		3.070		3.380		2.980		3.080		3.080	
	21-May-07		1.840		1.780		1.840		1.490		1.280		1.310		1.410		1.330		1.930	
	29-Jun-07		2.400		2.400		2.500		2.300		2.400		3.100		2.700		2.100		2.200	
	30-Jul-07		2.200		2.400		2.200		2.200		2.300		2.400		2.400		2.300		2.400	
	22-Aug-07	81	2.370		2.370		2.350		2.330		2.270		2.330		2.410		2.330		2.150	
	20-Sep-07		2.100		2.200		2.060		2.360		2.210		2.000		2.010		2.210		1.900	
	9-Oct-07		2.570		2.680		2.685		2.380		2.650		2.720		2.680		2.690		2.740	
	7-Nov-07		2.060		2.710		2.480		2.340		2.420		2.430		2.460		2.450		2.400	
	6-Dec-07		2.700		2.660		2.480		2.480		2.500		2.460		2.410		2.460		2.550	
	8-Jan-08		3.010		2.780		2.980		2.820		2.780		2.800		2.710		2.810		2.810	
	8-Feb-08		1.880		1.860		1.890		1.890		1.830		1.940		1.860		1.890		2.020	
	27-Mar-08		2.420		2.380		2.280		2.110		2.800		2.580		2.700		2.070		2.210	
	25-Apr-08		2.060		2.100		2.010		2.170		2.030		1.990		2.040		2.030		1.880	
	29-May-08		1.700		1.830		1.540		1.780		1.830		1.610		1.760		1.800		1.560	
	27-Jun-08		2.280		2.280		2.370		2.330		2.240		2.220		2.280		2.250		2.220	
	31-Jul-08		2.030		2.020		1.970		1.970		1.910		1.970		1.920		1.900		1.850	
	28-Aug-08		3.820		2.870		3.920		2.870		2.920		2.800		2.900		2.840		2.770	
	30-Sep-08		2.500		2.700		2.500	U	2.500	U	2.500	U	2.900		2.800		2.500	U	2.500	U
	21-Oct-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	25-Nov-08		2.500	U	2.500	U	2.500	U	2.500	U	3.400		2.500	U	2.500	U	2.500	U	2.500	U
	16-Dec-08		2.700		2.500	U	2.500	U	2.500	U	2.500	U	2.800	U	2.500	U	2.500	U	2.500	U
	21-Jan-09		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	25-Feb-09		2.500	U	2.500	U	NS		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U
	26-Mar-09		2.220		3.190		2.120		2.090		2.220		2.180		2.040		2.120		2.130	
	29-Apr-09		2.500		2.260		2.460		2.320		2.260		2.370		2.380		2.360		2.190	
	22-Jul-09		3.140		3.170		2.970		3.090		2.780		3.170		2.990		2.960		3.130	
	9-Oct-09		2.290		2.560		2.300		2.320		2.300		2.280		2.300		2.290		2.210	
Ethylbenzene	15-Mar-07		180.000		200.000		160.000		160.000		28.000		200.000		160.000		190.000		1.400	
	22-Mar-07		9.890		11.000		93.500		0.911		1.170		1.430		10.600		2.980		0.851	
	26-Apr-07		8.210		14.900		3.270		4.070		3.850		0.400		3.240		3.470		0.150	
	21-May-07		2.180		2.430		4.340		3.030		0.750		2.010		1.250		0.950		0.140	
	29-Jun-07		3.700		3.200		4.500		1.400		0.870		0.310		0.240		0.460		0.180	
	30-Jul-07		2.800		1.700		3.300		1.200		0.970		0.350		0.410		0.520		0.240	
	22-Aug-07	53	0.470		0.410		1.190		0.800		0.130		0.090	U	0.140		0.110		0.090	U
	20-Sep-07		0.470		0.470		10.200		0.320		0.300		0.300		0.310		0.300		0.200	
	9-Oct-07		0.320		0.500		2.310		0.820		0.570		0.580		0.550		0.580		0.140	
	7-Nov-07		0.480		0.470		0.910		0.740		0.250		0.270		0.320		0.280		0.090	U
	6-Dec-07		0.170		0.180		0.630		0.320		0.150		0.230		0.190		0.180		0.120	
	8-Jan-08		0.620		0.990		1.300		1.020		0.870		0.770		1.080		0.870		1.300	
	8-Feb-08		0.260		0.230		0.620		0.450		0.250		0.170		0.180		0.190		0.220	
	27-Mar-08		0.841		0.968		1.020		0.968		0.864		1.000		0.828		0.819		0.864	
	25-Apr-08		0.770		0.837		2.200		0.711		0.676		0.717		0.705		0.650		0.067	U
	29-May-08		0.140		0.120		1.310		0.625		0.120		0.185		0.150		0.110		0.090	U
	27-Jun-08		0.885		0.412		1.980		0.967		0.478		0.400		0.807		0.360		0.360	
	31-Jul-08		0.553		0.449		1.140		0.424		0.426		0.491		0.282		0.216		0.255	
	28-Aug-08		0.948		1.150		3.810		2.820		0.761		0.854		0.870		0.763		0.944	
	30-Sep-08		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	15.600		2.200	U
	21-Oct-08		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U
	25-Nov-08		2.200	U	2.200	U	2.200	U	2.700	U	2.700	U	2.200	U	2.700	U	2.200	U	2.200	U
	16-Dec-08		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U
	21-Jan-09		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U
	25-Feb-09		2.200	U	2.200	U	3.600		NS		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U
	26-Mar-09		0.932		0.863		1.120		1.060		0.511		0.848		0.738		0.589		0.727	
	29-Apr-09		0.189		0.234		0.633		0.338		0.189		0.138		0.138		0.152		0.176	
	22-Jul-09		0.442		0.212		1.090		0.291		0.551		0.625		0.807		0.642		1.180	
	9-Oct-09		0.858		0.750				1.030		0.784		0.881		0.868		0.633		0.749	

Date Modified 12/23/2009

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

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
Methylene chloride	15-Mar-07		16 000		16 000		14 000		2 900	U	5 200		8 000		3 800	U	5 800		2 900	U
	22-Mar-07		2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U
	28-Apr-07		2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U
	21-May-07		2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	2 780	U	5 100	
	29-Jun-07		9 200		5 700		5 300		5 700		7 800		3 600		8 100		7 000		6 700	
	30-Jul-07		2 800	U	2 800	U	2 800	U	2 800	U	2 800	U	4 800		2 800	U	2 800	U	6 900	
	22-Aug-07	30	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	20-Sep-07		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	9-Oct-07		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	7-Nov-07		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	6-Dec-07		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	8-Jan-08		1 740	U	1 740	U	2 980		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	8-Feb-08		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	27-Mar-08		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	2 210		1 740	U
	25-Apr-08		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	29-May-08		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	10 000	
	27-Jun-08		1 740	U	1 740	U	1 740	U	3 310		1 740	U	8 940		1 740	U	1 740	U	1 740	U
	31-Jul-08		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	28-Aug-08		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	30-Sep-08		1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U
	27-Oct-08		1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U
	25-Nov-08		1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U
	18-Dec-08		1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U
	21-Jan-09		1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U	1 700	U
	25-Feb-09		1 700	U	1 700	U	1 700	U	NS		1 700	U	1 700	U	1 700	U	1 700	U	1 700	U
	7-Mar-09		7 540		1 670		4 010		2 120		1 650		3 230		4 090		1 690		11 000	
	26-Mar-09		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	29-Apr-09		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	22-Jul-09		1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U	1 740	U
	9-Oct-09																			
Methyl tert butyl ether (MTBE)	15-Mar-07		0 070	U	0 070	U	0 070	U	0 140		7 100		0 070	U	0 140		0 070	U	0 070	U
	22-Mar-07		0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U
	28-Apr-07		0 072	U	0 072	U	0 072	U	0 070	U	0 120		0 070	U	0 078	U	0 070	U	0 070	U
	21-May-07		0 090		0 110		0 170		0 120		0 070	U	0 090	U	0 070	U	0 070	U	0 070	U
	29-Jun-07		0 130		0 070	U	0 140		0 090		0 070	U	0 070	U	0 070	U	0 070	U	0 070	U
	30-Jul-07		0 120		0 110		0 150		0 110		0 090		0 190		0 090		0 090		0 720	
	22-Aug-07	180	0 070	U	0 070	U	0 071	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U
	20-Sep-07		0 070	U	0 070	U	0 210		0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U
	9-Oct-07		0 070	U	0 070	U	0 071	U	0 070	U	0 071	U	0 070	U	0 070	U	0 070	U	0 070	U
	7-Nov-07		0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U
	6-Dec-07		0 130		0 120		0 120		0 110		0 130		0 130		0 190		0 110		0 160	
	8-Jan-08		0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U
	8 Feb-08		0 076		0 107		0 102		0 081		0 085		0 086		0 102		0 080		0 072	U
	27-Mar-08		0 118		0 118		0 107		0 127		0 138		0 121		0 131		0 113		0 072	U
	25-Apr-08		0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U	0 070	U
	29-May-08		0 072	U	0 070	U	0 070	U	0 074	U	0 070	U	0 070	U	0 070	U	0 070	U	0 072	U
	27-Jun-08		0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U
	31-Jul-08		0 085		0 120		0 123		0 128		0 091		0 108		0 115		0 089		0 084	
	28-Aug-08		1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U
	30-Sep-08		1 800	U	1 800	U	1 800	U	1 800	U	2 900		2 300		1 800	U	1 800	U	1 800	U
	27-Oct-08		2 100		1 800	U	1 800	U	1 800	U	2 300	U	1 800	U	1 800	U	1 800	U	1 800	U
	25-Nov-08		1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U
	18-Dec-08		1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U
	21-Jan-09		1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U	1 800	U
	25 Feb-09		1 800	U	2 700		1 800	U	NS		1 800	U	2 700		1 800	U	1 800	U	1 800	U
	7-Mar-09		0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U
	26-Mar-09		0 072	U	0 072	U	2 350		0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U
	29-Apr-09		0 072	U	0 072	U	0 223		0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 189	
	22 Jul-09		0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U	0 072	U
	9-Oct-09																			
para-Xylene	15-Mar-07		340 000		340 000		770 000		340 000		94 000		570 000		410 000		450 000		4 000	
	22-Mar-07		14 300		37 500		333 000		3 840		5 640		7 690		36 000		14 000		1 650	
	28-Apr-07		20 300		28 700		9 940		13 000		14 000		1 230		10 400		11 700		8 398	
	21-May-07		6 740		7 550		12 300		8 920		1 350		4 270		2 550		2 150		8 270	
	29-Jun-07		13 000		11 000		16 800		5 480		1 800		6 810		6 640		1 400		8 490	
	30-Jul-07		5 800		4 800		8 640		3 200		2 450		6 660		6 820		1 160		8 415	
	22-Aug-07	270	1 570		1 200		5 320		3 140		8 340		8 170	U	6 340		8 290		8 170	U
	20-Sep-07		1 090		1 120		31 400		1 200		8 710		8 890		8 710		8 450		8 570	
	9-Oct-07		8 330		1 340		8 670		3 320		1 670		1 700		1 500		1 470		8 570	
	7-Nov-07		1 480		1 360		2 740		2 700		8 840		8 840		8 850		8 720		8 210	
	6-Dec-07		8 486		8 546		2 070		1 650		8 340		8 440		8 410		8 440		8 290	
	8-Jan-08		2 370		1 840		4 350		3 310		2 580		2 200		3 170		1 900		4 270	
	8 Feb-08		8 710		8 860		2 110		1 460		8 530		8 450		8 390		8 420		8 540	
	27-Mar-08		2 480		2 060		3 510		2 980		2 820		2 490		1 810		1 810		8 368	
	25-Apr-08		2 220		1 870	reject	8 340		2 170		1 860		2 060		2 150		1 850		8 295	
	29-May-08		8 350		8 290		8 110		2 295		8 290		8 410		8 340		8 280		8 170	U
	27-Jun-08		1 060		1 080		3 280		3 000		1 150		8 984		2 190		8 836		8 795	
	31-Jul-08		1 380		1 180		2 370		1 140		1 140		1 370		8 854		8 448		8 854	
	28-Aug-08		2 130		3 220		8 880		8 200		1 910		2 190		2 240		1 960		3 240	
	30-Sep-08		4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	22 000		4 300	U
	27-Oct-08		4 300	U	4 300	U	4 300	U	6 000		4 300	U	4 300	U	4 300	U	4 300	U	4 700	
	25-Nov-08		4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U
	18-Dec-08		4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U
	21-Jan-09		4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U	4 300	U
	25-Feb-09		4 300	U	4 300	U	15 000		NS		4 300	U	4 300	U	4 300	U	4 300	U	4 300	U
	7-Mar-09		3 880		2 250		4 630		4 340		1 580		1 990		2 340		1 870		2 310	
	26-Mar-09		8 456		8 733		8 634		1 950		8 477		8 306		8 312		8 347		8 442	
	29-Apr-09		8 930		8 577		2 680		8 824		1 540		2 870		1 520		1 720		3 510	
	22 Jul-09		2 810		2 240		3 360		3 180		2 200		2 090		1 980		1 910		2 290	
	9-Oct-09																			

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Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approval 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
p-Xylene	15-Mar-07		110 000		180 000		200 000		120 000		24 000		170 000		95 000		120 000		0 850	
	22-Mar-07		3 580		9 700		61 100		1 130		1 300		1 890		8 240		2 600		0 390	
	26-Apr-07		4 510		10 500		2 380		3 490		3 580		0 330		3 810		2 700		0 125	
	21-May-07		2 420		2 000		3 220		2 790		0 830		1 810		1 440		0 880		0 100	
	29-Jun-07		3 700		2 900		3 930		1 700		0 500		0 210		0 290		0 820		0 160	
	30-Jul-07		1 900		1 500		2 800		1 200		0 850		0 280		0 340		0 480		0 180	
	22-Aug-07	320	0 720		0 470		1 420		0 890		0 130		0 090	U	0 130		0 090		0 090	U
	20-Sep-07		0 490		0 430		6 900		0 450		0 260		0 270		0 260		0 290		0 150	
	9-Oct-07		0 330		0 480		1 940		0 790		0 580		0 585		0 506		0 516		0 220	
	7-Nov-07		0 550		0 470		0 880		0 730		0 280		0 210		0 280		0 270		0 090	U
	6-Dec-07		0 190		0 200		0 720		0 400		0 150		0 180		0 170		0 170		0 110	
	8-Jan-08		0 890		0 760		1 580		1 250		0 960		0 850		1 180		0 740		1 510	
	8-Feb-08		0 350		0 270		0 870		0 810		0 210		0 170		0 150		0 180		0 200	
	27-Mar-08		0 762		0 718		1 340		1 120		0 829		1 080		0 842		0 840		0 868	
	25-Apr-08		0 824		0 724		3 480		0 621		0 750		0 770		0 784		0 840		0 087	U
	29-May-08		0 130		0 120		2 080		1 000		0 110		0 180		0 160		0 090	U	0 090	U
	27-Jun-08		0 483		0 393		1 030		1 030		0 466		0 358		0 823		0 378		0 332	
	31-Jul-08		0 478		0 376		0 822		0 371		0 470		0 563		0 240		0 707		0 246	
	28-Aug-08		0 751		1 020		2 210		2 180		0 883		0 757		0 812		0 972		0 832	
	30-Sep-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	27-Oct-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	25-Nov-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	18-Dec-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	21-Jan-09		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	25-Feb-09		2 200	U	2 200	U	2 200		NS		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	26-Mar-09		1 080		0 786		1 080		1 070		0 551		0 718		0 824		0 651		0 824	
	29-Apr-09		0 143		0 188		0 085	U	0 442		0 185		0 100		0 104		0 108		0 158	
	23-Jul-09		0 347		0 195		0 090		0 247		0 555		0 742		0 911		0 580		1 240	
	9-Oct-09		0 850		0 724		0 854		0 820		0 784		0 764		0 720		0 894		0 756	
Styrene	15-Mar-07		5 500		3 300		6 900		3 400		1 400		91 000		3 400		3 700		0 380	
	22-Mar-07		1 400		1 830		2 840		2 960		0 884		10 500		3 530		0 593		0 085	U
	26-Apr-07		1 480		0 189		0 094		0 140		0 360		0 090		0 570		0 380		0 085	U
	21-May-07		12 400		0 430		0 210		0 730		0 170		0 710		0 640		0 480		0 080	U
	29-Jun-07		4 000		0 290		0 140		0 430		0 110		0 090		0 130		0 170		0 090	U
	30-Jul-07		5 800		0 260		0 150		0 320		0 270		0 100		0 110		0 140		0 090	U
	22-Aug-07	52	3 020		0 100		0 090	U	0 220		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	20-Sep-07		0 380		0 620		0 205		0 130		0 120		0 100		0 090		0 130		0 090	U
	9-Oct-07		1 905		0 090		0 170		0 160		0 220		0 200		0 190		0 200		0 090	U
	7-Nov-07		1 460		0 100		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	6-Dec-07		0 240		0 100		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	8-Jan-08		0 840		0 090		0 130		0 200		0 200		0 190		0 180		0 130		0 260	
	8-Feb-08		0 710		0 130		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	27-Mar-08		1 200		0 118		0 120		0 165		0 140		0 179		0 114		0 130		0 085	U
	25-Apr-08		0 858		0 158		0 180		0 184		0 137		0 137		0 158		0 124		0 085	U
	29-May-08		0 530		0 085	U	0 130		0 280		0 090	U	0 110		0 090		0 090	U	0 090	U
	27-Jun-08		1 830		0 085	U	0 113		0 186		0 191		0 085	U	0 481		0 090	U	0 085	U
	31-Jul-08		1 890		0 254		0 153		0 296		0 285		0 268		0 198		0 090		0 085	U
	28-Aug-08		0 854		0 368		0 297		0 392		0 293		0 165		0 188		0 140		0 108	
	30-Sep-08		2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U
	27-Oct-08		2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U
	25-Nov-08		2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U
	18-Dec-08		2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U
	21-Jan-09		2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U	2 100	U
	25-Feb-09		2 100	U	2 100	U	2 100	U	NS		2 100	U	2 100	U	2 100	U	2 100	U	2 100	U
	26-Mar-09		0 814		0 113		0 110		0 110		0 123		0 111		0 128		0 138		0 122	
	29-Apr-09		0 515		0 085	U	0 130	U	0 085	U	0 130		0 085	U	0 085	U	0 085	U	0 085	U
	23-Jul-09		1 280		0 085	U	0 153		0 085	U	0 265		0 272		0 313		0 217		0 167	
	9-Oct-09		0 838		0 153		0 148		0 174		0 544		0 178		0 140		0 149		0 140	
Tetrachloroethene[4]	15-Mar-07		0 880		0 470		0 470		0 470		0 270		0 470		0 810		0 610		0 270	
	22-Mar-07		0 810		0 474		0 328		0 211		0 136		0 203		0 211		0 211		0 203	
	26-Apr-07		0 258		0 299		0 774		0 250		0 330		0 280		0 380		0 320		0 188	
	21-May-07		0 190		0 140		0 180		0 170		0 280		0 280		0 280		0 280		0 190	
	29-Jun-07		0 180		0 140	U	0 140		0 180		0 140		0 140	U	0 140		0 140		0 140	U
	30-Jul-07		0 250		0 780		0 730		0 700		0 700		0 490		0 680		0 680		0 382	
	22-Aug-07	6	0 140	U	0 140	U	0 140	U	0 220		0 140	U	0 140	U	0 180		0 180		0 140	U
	20-Sep-07		0 430		1 070		0 410		0 460		0 570		0 760		0 570		0 572		0 360	
	9-Oct-07		0 190		0 700		0 180		0 200		0 240		0 220		0 280		0 210		0 140	U
	7-Nov-07		0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U
	6-Dec-07		0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U
	8-Jan-08		2 850		2 220		1 430		1 500		1 870		1 730		8 90[1]		1 820		2 380	
	8-Feb-08		0 140		0 140	U	0 140	U	0 180		0 140	U	0 140	U	0 140	U	0 140	U	0 350	
	27-Mar-08[3]		12 600		6 880		13 300		16 100		28 000		7 730		23 300		4 310		0 153	
	25-Apr-08		0 180		0 254		0 179		0 282		0 231		0 278		0 228		0 296		0 136	U
	29-May-08		0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U	0 140	U
	27-Jun-08		0 249		0 449		0 387		0 459		0 434		0 343		0 480		0 346		0 218	
	31-Jul-08		1 530		1 000		0 877		0 880		0 795		0 872		0 252		0 287		0 184	
	28-Aug-08		0 321		0 367		0 283		0 323		0 274		0 434		0 284		0 282		0 445	
	30-Sep-08		3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U
	27-Oct-08		4 200	U	4 200	U	4 200	U	4 200	U	4 200	U	4 200	U	4 200	U	4 200	U	4 200	U
	25-Nov-08		3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U
	18-Dec-08		3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U
	21-Jan-09		3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U	3 400	U
	25-Feb-09		3 400	U	3 400	U	3 400	U	NS		3 400	U	3 400	U	3 400	U	3 400	U	3 400	U
	26-Mar-09		1 630		1 310		1 170		0 868		1 860		1 320		1 470		1 890		1 240	
	29-Apr-09		0 136	U	0 136	U	0 887		0 136	U	0 136	U	9 130	U	0 136	U	0 134	U	0 136	U
	23-Jul-09		0 291		0 190		0 224		0 196		0 196		0 193		0 210		0 535			
	9-Oct-09		2 250		1 550		1 540		1 540		1 380		1 700		2 080		1 966		0 779	

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Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentration/Interim RIDEM Approved Action Level	Kitchen Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Center (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
Toluene	15-Mar-07		110 000		180 000		180 000		130 000		23 000		120 000		120 000		140 000		2 200	
	22-Mar-07		14 100		16 400		146 000		19 400		25 800		64 200		18 000		18 800		8 715	
	26-Apr-07		9 580		10 400		12 300		17 000		16 100		18 000		15 000		18 800		8 773	
	21-May-07		7 800		5 040		4 500		8 370		3 330		2 410		7 870		8 620		9 370	
	29-Jun-07		8 800		5 800		4 300		4 100		2 300		1 800		1 800		2 200		8 920	
	30-Jul-07		8 400		5 000		4 200		3 700		1 800		1 800		2 400		2 900		1 100	
	22-Aug-07	210	1 480		1 290		1 680		1 770		0 830		0 536		1 610		0 970		0 520	
	20-Sep-07		4 820		2 110		8 910		2 280		1 870		3 240		1 440		1 870		1 180	
	9-Oct-07		1 780		1 550		2 870		1 510		2 410		1 920		2 420		1 880		1 530	
	7-Nov-07		2 080		1 470		1 880		1 880		1 870		1 670		1 720		1 470		0 490	
	6-Dec-07		0 840		0 890		0 930		0 890		0 800		0 899		0 736		0 720		0 770	
	8-Jan-08		4 280		3 270		3 200		3 580		4 830		3 980		8 306		3 730		7 000	
	8-Feb-08		1 240		1 140		1 120		1 150		1 240		0 995		0 912		1 030		1 480	
	27-Mar-08		0 475		4 040		4 920		4 150		5 920		5 670		4 310		4 040		1 580	
	25-Apr-08		4 800		4 000		2 810		3 900		3 790		4 870		4 010		3 660		0 485	
	29-May-08		0 930		0 790		1 530		1 330		0 870		1 080		1 029		0 970		0 370	
	27-Jun-08		3 870		3 080		3 200		3 850		4 110		3 840		4 570		3 070		2 410	
	31-Jul-08		2 760		2 220		2 890		1 990		2 720		2 200		1 580		1 440		1 856	
	26-Aug-08		5 230		5 980		7 800		7 530		5 920		5 640		6 880		8 240		6 056	
	30-Sep-08		1 900	U	1 800	U	7 800		1 900	U	5 000		1 900	U	1 900	U	2 200		1 900	U
	27-Oct-08		5 700		5 300		3 500		8 100		2 300		3 800		5 500		8 800		8 400	
	25-Nov-08		5 500		1 900	U	1 900	U	2 000		1 900	U	1 900	U	1 900	U	1 900	U	1 900	U
	18-Dec-08		1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U
	21-Jan-09		1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U	1 900	U
	25-Feb-09		1 900	U	1 900	U	1 900	U	NS		1 900	U	1 900	U	1 900	U	1 900	U	1 900	U
	26-Mar-09		6 110		4 280		3 990		3 540		3 800		4 730		5 870		6 280		5 310	
	29-Apr-09		0 779		0 595		0 879	U	0 764		1 050		0 585		0 814		0 610		0 953	
	22-Jul-09		1 550		1 010		2 540		1 130		2 150		2 410		3 880		7 670		6 850	
	9-Oct-09		4 740		3 690		4 180		3 900		4 500		4 170		4 220		4 060		4 540	
trans-1,3-Dichloropropene*	15-Mar-07		0 040	U	0 040	U	0 040	U	0 040	U	0 040	U	0 040	U	0 040	U	0 040	U	0 040	U
	22-Mar-07		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	26-Apr-07		0 079	U	0 079	U	0 079	U	0 040	U	0 040	U	0 040	U	0 040	U	0 040	U	0 079	U
	21-May-07		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	29-Jun-07		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	30-Jul-07		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	22-Aug-07	37	0 040	U	0 040	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	20-Sep-07		0 080	U	0 080	U	0 080	U	0 040	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	9-Oct-07		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	7-Nov-07		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	6-Dec-07		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	8-Jan-08		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	8-Feb-08		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	27-Mar-08		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	25-Apr-08		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	29-May-08		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 080	U
	27-Jun-08		0 080	U	0 080	U	0 080	U	0 080	U	0 080	U	0 079	U	0 080	U	0 080	U	0 079	U
	31-Jul-08		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	26-Aug-08		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	30-Sep-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	27-Oct-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	25-Nov-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	18-Dec-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	21-Jan-09		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	25-Feb-09		2 000	U	2 000	U	2 000	U	NS		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	26-Mar-09		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	29-Apr-09		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	22-Jul-09		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
	9-Oct-09		0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U	0 079	U
trans-1,3-Dichloropropene	15-Mar-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	22-Mar-07		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	26-Apr-07		0 091	U	0 091	U	0 091	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 091	U
	21-May-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	29-Jun-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	30-Jul-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	22-Aug-07	None	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	20-Sep-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	9-Oct-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	7-Nov-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	6-Dec-07		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	8-Jan-08		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	8-Feb-08		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	27-Mar-08		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	25-Apr-08		0 091	U	0 091	U	0 091	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U
	29-May-08		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 340		0 090	U
	27-Jun-08		0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 090	U	0 091	U	0 091	U
	31-Jul-08		0 090	U	0 090	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	26-Aug-08		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	30-Sep-08		0 180	U	0 180	U	0 200		0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U
	27-Oct-08		0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U
	25-Nov-08		0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U
	18-Dec-08		0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U
	21-Jan-09		0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U	0 180	U
	25-Feb-09		0 180	U	0 180	U	0 180	U	NS		0 180	U	0 180	U	0 180	U	0 180	U	0 180	U
	26-Mar-09		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	29-Apr-09		0 091	U	0 091	U	0 127		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	22-Jul-09		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U
	9-Oct-09		0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U	0 091	U

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Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RDM Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cab (Rm 145)		Room 152		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Trichlorofluoro*	15-Mar-07		0.180		0.110		0.110		0.110		0.270		0.190		0.370		0.210		0.700	
	22-Mar-07		1.720		0.161				0.187		0.107		0.107		0.215		0.161		2.740	
	26-Apr-07		0.142		0.244		0.253		0.140		0.210		0.126		0.290		0.440		0.107	U
	21-May-07		0.130		0.120		0.120		0.110		0.180		0.190		0.170		0.110		0.170	
	29-Jun-07		0.180	U	0.110	U	0.110	U	0.129		0.140		0.125		0.140		0.110	U	0.230	
	30-Jul-07		0.440		0.420		0.400		0.410		1.000		0.140		0.230		0.350		0.215	
	22-Aug-07	1.0	0.110	U	0.110	U	0.110	U	0.107	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	20-Sep-07		0.110	U	0.110	U	0.130		0.107	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	9-Oct-07		0.110		0.110	U	0.110	U	0.107	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	7-Nov-07		0.110	U	0.110	U	0.110	U	0.107	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	6-Dec-07		0.110	U	0.110	U	0.110	U	0.107	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	8-Jan-08		0.180		0.140		0.130		0.140		0.180		0.180		0.200				0.520	
	8-Feb-08		0.110		0.120		0.110	U	0.107	U	0.110	U	0.110	U	0.350		0.110	U	0.110	U
	27-Mar-08		0.239		0.233		0.218		0.226		0.326		0.304		0.217		0.179		0.107	U
	25-Apr-08		0.187	U	0.164		0.147		0.272		0.151		0.152		0.158		0.228		0.107	U
	29-May-08		0.110	U	0.110	U	0.110	U	0.107	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
	27-Jun-08		0.110	U	0.110	U	0.110	U	0.107		0.110	U	0.107	U	0.143		0.195		0.107	U
	31-Jul-08		0.113		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U
	28-Aug-08		0.193		0.116		0.107	U	0.107	U	0.146		0.134		0.110		0.107	U	0.834	
	30-Sep-08		0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U
	27-Oct-08		0.900	U	0.900	U	0.900	U	0.900	U	0.900	U	0.900	U	0.900	U	0.900	U	0.900	U
	25-Nov-08		0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U
	18-Dec-08		0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U
	21-Jan-09		0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U
	25-Feb-09		0.110	U	0.110	U	0.110	U	NS		0.110	U	0.110	U	0.110	U	0.110	U	0.130	
	26-Mar-09		4.060		0.328		1.510		0.438		0.839		1.180		1.610		0.450		6.870	
	29-Apr-09		0.107	U	0.107	U	1.340		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U
	22-Jul-09		0.177		0.107		0.168		0.123		0.183		0.709		0.140		0.177		0.208	
	9-Oct-09		0.231		0.215		0.183		0.183		0.242		0.156		0.156		0.156		0.107	U
Trichlorofluoromethane	15-Mar-07		1.600		2.700		2.400		2.000		2.100		3.300		2.000		2.000		1.200	
	22-Mar-07		1.570		1.570		1.600		1.900		1.820		1.529		1.800		1.740		1.350	
	26-Apr-07		1.780		1.820		1.840		1.840		1.910		2.000		1.840		1.840		1.950	
	21-May-07		0.880		0.930		1.110		0.790		0.730		0.780		0.820		0.760		1.029	
	29-Jun-07		1.300		1.200		1.200		1.300		1.300		1.200		1.200		1.200		1.200	
	30-Jul-07		1.400		1.400		1.500		1.400		1.500		2.000		1.400		1.800		2.100	
	22-Aug-07	370	1.480		1.480		1.520		1.490		1.480		1.430		1.440		1.480		1.350	
	20-Sep-07		1.330		1.330		1.440		1.330		1.310		1.120		1.130		1.310		1.110	
	9-Oct-07		1.410		1.410		1.440		1.280		1.450		1.470		1.450		1.480		1.640	
	7-Nov-07		2.030		2.010		1.870		1.570		1.640		1.830		1.690		1.840		1.810	
	6-Dec-07		1.650		1.630		1.370		1.400		1.360		1.340		1.330		1.360		1.380	
	8-Jan-08		2.120		1.570		1.540		1.700		1.870		1.570		1.570		1.720		1.480	
	8-Feb-08		1.140		1.070		1.110		1.010		0.990		1.050		1.040		1.020		1.080	
	27-Mar-08		1.740		1.520		1.640		1.250		2.220		2.120		2.140		1.210		1.360	
	25-Apr-08		1.740		1.660		1.740		1.640		1.480		1.520		1.600		1.500		1.630	
	29-May-08		1.070		0.930		0.870		1.080		0.830		0.930		0.990		0.910		0.680	
	27-Jun-08		1.240		1.230		1.290		1.300		1.160		1.150		1.170		1.160		1.180	
	31-Jul-08		1.060		1.100		1.010		1.010		1.010		1.010		1.000		0.973		0.926	
	28-Aug-08		2.740		3.360		3.470		3.280		3.480		3.420		3.380		3.360		2.310	
	30-Sep-08		2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U
	27-Oct-08		2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U
	25-Nov-08		2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U
	18-Dec-08		2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U
	21-Jan-09		2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U
	25-Feb-09		2.800	U	2.800	U	2.800	U	NS		2.800	U	2.800	U	2.800	U	2.800	U	2.800	U
	26-Mar-09		1.220		1.180		1.180		1.140		1.230		1.190		1.120		1.130		1.180	
	29-Apr-09		1.490		1.170		0.851	U	1.270		1.190		1.180		1.270		1.290		1.190	
	22-Jul-09		1.950		1.920		1.82		1.900		1.930		2.050		1.640		1.900		2.129	
	9-Oct-09		1.570		1.830		1.510		0.819		1.820		1.318		1.410		1.430		1.180	
Vinyl chloride*	15-Mar-07		0.050	U	0.050	U		U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	22-Mar-07		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	26-Apr-07		0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.051	U
	21-May-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.070		0.050	U	0.050	U
	29-Jun-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	30-Jul-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	22-Aug-07	0.14	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	20-Sep-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	9-Oct-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	7-Nov-07		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	6-Dec-07		0.050	U	0.050	U	0.050	U	4.900	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	8-Jan-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	8-Feb-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	27-Mar-08		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	25-Apr-08		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	29-May-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
	27-Jun-08		0.050	U	0.050	U	0.050	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	31-Jul-08		0.050	U	0.050	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	28-Aug-08		0.051	U	0.051	U	0.053	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	30-Sep-08		0.100	U	0.100	U	0.120		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	27-Oct-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	25-Nov-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	18-Dec-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	21-Jan-09		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	25-Feb-09		0.100	U	0.100	U	0.100	U	NS		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
	26-Mar-09		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	29-Apr-09		0.051	U	0.051	U	1.040		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	22-Jul-09		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
	9-Oct-09		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U

Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM-Approved Action Level	Kitchen Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Cntr (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
Acrylonitrile	15-Mar-07		1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U
	22-Mar-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	26-Apr-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	21-May-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	29-Jun-07		1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U
	30-Jul-07		1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U
	22-Aug-07	None	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	20-Sep-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	9-Oct-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	7-Nov-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	5-Dec-07		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	8-Jan-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	8-Feb-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	27-Mar-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	25-Apr-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	29-May-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	27-Jun-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	31-Jul-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	28-Aug-08		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	30-Sep-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	27-Oct-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	25-Nov-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	18-Dec-08		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	21-Jan-09		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	25-Feb-09		2 200	U	2 200	U	2 200	U	NS		2 200	U	2 200	U	2 200	U	2 200	U	2 200	U
	26-Mar-09		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	29-Apr-09		1 080	U	1 080	U	2 740	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	22-Jul-09		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
	9-Oct-09		1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U	1 080	U
n-Butylbenzene	15-Mar-07		2 700	U	14 000		2 700	U	23 000		2 700	U	2 700	U	2 700	U	7 200		2 700	U
	22-Mar-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	26-Apr-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	21-May-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-Jun-07		1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U	1 100	U
	30-Jul-07		2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U
	22-Aug-07	73	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	20-Sep-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	9-Oct-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	7-Nov-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	5-Dec-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	8-Jan-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	8-Feb-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	27-Mar-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	25-Apr-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-May-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	27-Jun-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	31-Jul-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	28-Aug-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	30-Sep-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	23 000		5 500	U	5 500	U
	27-Oct-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	25-Nov-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	18-Dec-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	21-Jan-09		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	25-Feb-09		5 500	U	5 500	U	NS		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	26-Mar-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-Apr-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	22-Jul-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	9-Oct-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
sec-Butylbenzene	15-Mar-07		2 500	U	6 800		26 000		6 200		2 500	U	2 500	U	2 500	U	5 400		2 500	U
	22-Mar-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	26-Apr-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	21-May-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-Jun-07		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	30-Jul-07		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	22-Aug-07	73	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	20-Sep-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	9-Oct-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	7-Nov-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	5-Dec-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	8-Jan-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	8-Feb-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	27-Mar-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	25-Apr-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-May-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	27-Jun-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	31-Jul-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	28-Aug-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	30-Sep-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	54 000		5 500	U	5 500	U
	27-Oct-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	25-Nov-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	18-Dec-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	21-Jan-09		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	25-Feb-09		5 500	U	5 500	U	NS		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	26-Mar-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-Apr-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	22-Jul-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	9-Oct-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U

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Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentration/Interim RIDEM Approved Screen Level	Kitchen Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Ctr (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
Isopropylbenzene	15-Mar-07		2 460	U	15 000		34 000		15 000		2 500	U	5 100		6 800		10 000		2 500	U
	22-Mar-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	26-Apr-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	21-May-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	29-Jun-07		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	30-Jul-07		2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U	2 500	U
	22-Aug-07	120	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	20-Sep-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	9-Oct-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	7-Nov-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	6-Dec-07		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	8-Jan-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	8-Feb-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	27-Mar-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	25-Apr-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	29-May-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	27-Jun-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	31-Jul-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	28-Aug-08		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	30-Sep-08		4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U
	27-Oct-08		4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U
	25-Nov-08		4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U
	18-Dec-08		4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U
	21-Jan-09		4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U	4 900	U
	25-Feb-09		4 900	U	4 900	U	3 480	U	NS		4 900	U	4 900	U	4 900	U	4 900	U	4 900	U
	26-Mar-09		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	29-Apr-09		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	22-Jul-09		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
	9-Oct-09		2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U	2 460	U
p-Isopropyltoluene	15-Mar-07		2 700	U	13 000		37 000		17 000		2 700	U	2 700	U	8 700		11 000		2 700	U
	22-Mar-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	26-Apr-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	21-May-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-Jun-07		0 220	U	0 220	U	0 220	U	0 220	U	0 220	U	0 220	U	0 220	U	0 220	U	0 220	U
	30-Jul-07		2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U	2 700	U
	22-Aug-07	87	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	20-Sep-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	9-Oct-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	7-Nov-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	6-Dec-07		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	8-Jan-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	8-Feb-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	27-Mar-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	25-Apr-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-May-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	27-Jun-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	31-Jul-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	28-Aug-08		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	30-Sep-08		6 800	U	6 800	U	5 5	U	6 800	U	6 400		6 800	U	6 800	U	67 000		5 800	U
	25-Nov-08		5 500	U	5 500	U	5 500	U	5 500	U	5 3	U	5 500	U	5 500	U	5 500	U	5 500	U
	29-Nov-08		6 800	U	6 800	U	6 800	U	6 800	U	5 600	U	6 800	U	6 800	U	6 800	U	5 600	U
	18-Dec-08		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	21-Jan-09		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	25-Feb-09		5 500	U	5 500	U	5 500	U	NS		5 500	U	5 500	U	5 500	U	5 500	U	5 500	U
	26-Mar-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	29-Apr-09		2 740	U	2 740	U	0 274	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	22-Jul-09		2 740	U	2 740	U	3 858		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
	9-Oct-09		2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U	2 740	U
Acetone	15-Mar-07		340 000		1200 000		1400 000		730 000		120 000		1500 000		840 000		870 000		14 000	
	22-Mar-07		41 700		54 800		66 400		21 000		21 800		80 900		61 800		38 200		14 600	
	26-Apr-07		14 400		11 100		8 140		12 100		15 900		8 540		18 800		19 200		12 000	
	21-May-07		20 400		13 000		8 500		18 300		11 300		27 200		25 700		28 200		8 990	
	29-Jun-07		21 000		15 000		14 000		18 000		10 000		72 000		12 000		13 000		13 000	
	30-Jul-07		22 000		18 000		21 000		20 000		23 000		16 000		18 000		18 000		20 000	
	22-Aug-07	180	26 800		40 000		9 120		14 800		17 800		5 310		23 300		11 200		8 110	
	20-Sep-07		13 400		7 440		12 300		10 500		6 820		9 530		5 420		8 870		11 300	
	9-Oct-07		78 400		8 730		8 080		7 770		14 800		25 800		18 200		11 900		6 810	
	7-Nov-07		108 000		16 800		17 000		17 300		30 900		36 200		24 800		23 900		12 900	
	6-Dec-07		18 800		23 900		4 750	U	4 750		12 000		13 800		4 750	U	4 750	U	4 750	U
	8-Jan-08		35 100		8 980		8 980		9 330		14 600		11 800		12 800		11 400		11 400	
	8-Feb-08		20 200		8 240		4 750	U	4 750	U	5 870		8 286		4 750	U	4 750	U	4 750	U
	27-Mar-08 [2]		376 000		186 000		108 000		58 900		24 700		38 300		78 700		47 400		5 870	
	25-Apr-08		61 700		12 900		18 800		16 100		14 800		18 600		12 600		17 100		6 670	
	29-May-08		19 500		16 000		12 800		18 200		10 800		17 200		13 200		11 800		7 430	
	27-Jun-08		67 900		20 000		20 500		37 700		28 900		29 000		26 000		29 800		19 700	
	31-Jul-08		32 200		17 200		20 800		19 800		23 800		20 000		18 800		22 500		20 000	
	28-Aug-08		33 100		21 100		21 500		26 800		37 000		32 400		29 100		23 800		37 000	
	30-Sep-08		39 400		10 400		7 800		11 200		44 800		29 900		19 900		59 800		6 800	
	27-Oct-08		68 200		23 100		14 900		24 100		15 900		26 800		34 300		25 100		109 000	
	25-Nov-08		21 300		8 200		5 300		14 000		15 800		9 700		8 900		10 000		7 900	
	18-Dec-08		39 300		18 500		16 800		21 500		23 100		41 900		22 000		28 800		40 000	
	21-Jan-09		6 200		2 400		2 400	U	3 800		5 800		5 000		3 300		4 000		2 400	U
	25-Feb-09		2 400	U	2 800		2 400	U	NS		5 800		5 000		3 800		4 100		2 400	U
	26-Mar-09		34 400		10 700		8 820		11 300		13 800		12 800		10 500		12 000		9 660	
	29-Apr-09		4 760	U	5 700		7 230		6 240		10 200		9 420		7 970		9 610		7 700	
	22-Jul-09		2 370	U	13 100		19 700		11 700		20 900		29 400		17 100		18 400		11 000	
	9-Oct-09		18 500		10 100				11 000		15 500		12 000		10 600		11 600		6 870	

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Summary of Indoor Ambient Outdoor Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentration/Interim PQDM Approved Action Level	Kitchen Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Center (Rm 145)	Qual	Room 152	Qual	Ambient Outdoor	Qual
2-Butanone	15-Mar-07		52 000		21 000		22 000		18 000		12 000		210 000		22 000		23 000		1 500	U
	22-Mar-07		29 000		11 700		7 810		1 470	U	1 470	U	1 470	U	1 470	U	10 300		92 300	
	28-Apr-07		18 700		18 100		1 470	U	9 250		1 470	U	1 470	U	1 470	U	6 980		1 470	U
	21-May-07		8 680		3 850		1 700		4 840		1 470	U	7 790		3 360		3 080		2 290	
	29-Jun-07		7 200		4 400		26 000		3 200		0 590	U	380 000		18 000		1 800		36 000	
	30-Jul-07		6 100		3 900		9 200		6 100		1 800				2 900		2 300		1 600	
	22-Aug-07	500	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U
	20-Sep-07		1 580		2 710		5 370		2 180		1 470	U	1 470	U	1 470	U	1 470	U	8 440	
	9-Oct-07		8 040		2 790		2 120		1 790		1 720		1 470	U	1 470	U	1 490		1 470	U
	7-Nov-07		1 810		1 470	U	2 250		1 800		2 790		2 440		2 360		2 400		1 470	U
	6-Dec-07		1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U
	8-Jan-08		1 520		1 580		1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 920	
	8-Feb-08		1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U
	27-Mar-08		8 580		8 540		5 650		5 140		3 960		4 440		8 680		5 840		1 470	U
	25-Apr-08		2 140		1 470	U	3 170		1 470	U	1 470	U	1 470	U	1 470	U	1 470	U	1 470	U
	29-May-08		1 470	U	1 470	U	2 840		2 240		1 470	U	1 470	U	1 470	U	1 470	U	1 470	U
	27-Jun-08		7 850		2 520		3 810		3 890		3 850		2 420		2 840		2 340		3 080	
	31-Jul-08		2 080		1 720		3 080		1 650		2 080		2 190		1 470	U	1 480		1 470	U
	30-Sep-08		2 280		1 790		3 890		3 860		1 470	U	1 470	U	1 470	U	1 470	U	1 650	
	30-Sep-08		1 500	U	1 500	U	1 500	U	1 500	U	2 700		1 500	U	1 500	U	6 100		1 500	U
	30-Sep-08		1 900		3 200		1 500	U	3 600		1 500	U	2 000		1 500		2 300		2 800	
	27-Oct-08		2 600		1 500		1 500	U	1 900		1 500	U	1 500	U	2 900		1 500	U	1 600	
	25-Nov-08		1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U
	18-Dec-08		1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U	1 500	U
	21-Jan-09		1 500	U	1 500	U	1 500	U	NS		1 500	U	1 500	U	1 500	U	1 500	U	1 500	U
	25-Feb-09		2 410		1 580		1 470	U	1 470	U	1 590		1 470	U	1 470	U	1 470	U	1 470	U
	26-Mar-09		1 470	U	1 470	U	1 470	U	1 460	U	1 470	U	1 470	U	1 740	U	1 470	U	1 470	U
	29-Apr-09		1 470	U	1 470	U	4 750		1 470	U	2 370		31 900		1 740		1 480		4 360	
	27-Jul-09		1 470	U	1 470	U	1 540		1 640		1 470	U	1 470	U	1 470	U	1 470	U	1 470	U
	9-Oct-09																			
4-Methyl-2-pentanone	15-Mar-07		7 800		3 700		5 180		4 200		2 900		3 800		8 600		8 400		2 000	U
	22-Mar-07		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	5 970		2 050	U
	28-Apr-07		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	4 870		2 050	U
	21-May-07		6 180		4 475		2 050	U	4 320		2 050	U	5 480		4 180		7 010		2 050	U
	29-Jun-07		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	8 000	U	2 000	U	2 000	U	2 000	U
	30-Jul-07		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	3 000	U
	22-Aug-07	37	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	20-Sep-07		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	9-Oct-07		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	3 050	U
	7-Nov-07		2 050	U	3 050	U	3 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	6-Dec-07		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	8-Jan-08		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	8-Feb-08		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	27-Mar-08		2 050	U	2 105	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	25-Apr-08		2 050	U	2 050	U	2 790	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	29-May-08		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	27-Jun-08		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	31-Jul-08		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	28-Aug-08		2 050	U	2 050	U	2 050	U	2 540		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	30-Sep-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	27-Oct-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	25-Nov-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	18-Dec-08		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	21-Jan-09		2 000	U	2 000	U	2 000	U	NS		2 000	U	2 000	U	2 000	U	2 000	U	2 000	U
	25-Feb-09		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	3 050	U	2 050	U	2 050	U	2 050	U
	26-Mar-09		2 050	U	3 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U
	29-Apr-09		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	3 050	U
	27-Jul-09		2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	2 050	U	3 050	U
	9-Oct-09																			

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 the compound

* = Site Specific Concerns of Concern per ATSDR Health Consultation December 4 2008

1 Elevated Data is a result of inadvertent cross-contamination at the laboratory and not resultant from soil vapor intrusion Media Center/Room 145 was resampled on 28 January 2008 with Tetrachloroethylene concentration not detected by the laboratory (MDL = 0 14 ug/m^3)

2 Elevated Tetrachloroethylene and Acetone data detected on 27 March 2008 was determined to be the result of cleaning products (e g , graffiti remover, stainless steel polish, etc) introduced to the school in February and March, and not the result of soil vapor intrusion Re-sampling effort on 25 April 2008 indicates no exceedances of applicable Acetone and Tetrachloroethylene Action Levels

Date Modified 12/23/2009

ANALYTICAL REPORT

Lab Number:	L0914455
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	ALVAREZ HS
Project Number:	14613.01
Report Date:	10/15/09

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

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0914455-01	GYMNASIUM	PROVIDENCE, RI	10/09/09 07:25
L0914455-02	CAFETERIA	PROVIDENCE, RI	10/09/09 07:24
L0914455-03	KITCHEN STORAGE	PROVIDENCE, RI	10/09/09 07:35
L0914455-04	ELEVATOR HALLWAY	PROVIDENCE, RI	10/09/09 07:26
L0914455-05	RM 145	PROVIDENCE, RI	10/09/09 07:27
L0914455-06	RM 152	PROVIDENCE, RI	10/09/09 07:28
L0914455-07	RM 118	PROVIDENCE, RI	10/09/09 07:30
L0914455-08	RM 110	PROVIDENCE, RI	10/09/09 07:31
L0914455-09	AMBIENT OUTDOOR	PROVIDENCE, RI	10/09/09 09:59

Project Name:	ALVAREZ HS	**Lab Number:**	L0914455
Project Number:	14613.01	**Report Date:**	10/15/09

Case Narrative

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

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

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

For additional information, please contact Client Services at 800-624-9220.

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

Authorized Signature: Kathleen M. Morin

Title: Technical Director/Representative Date: 10/15/09

AIR

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-01
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 21:07
Analyst: RY

Date Collected: 10/09/09 07:25
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.255	0.020	1.25	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.097	0.020	0.476	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.056	0.020	0.336	0.120		1
Benzene	0.283	0.070	0.903	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	0.058	0.020	0.283	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-01
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:25
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.465	0.050	2.30	0.247		1
Ethylbenzene	0.251	0.020	1.09	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	0.774	0.040	3.36	0.174		1
o-Xylene	0.220	0.020	0.954	0.087		1
Styrene	0.035	0.020	0.149	0.085		1
Tetrachloroethene	0.233	0.020	1.58	0.136		1
Toluene	1.11	0.020	4.19	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	0.034	0.020	0.182	0.107		1
Trichlorofluoromethane	0.269	0.050	1.51	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	3.88	2.00	9.22	4.75		1
2-Butanone	0.522	0.500	1.54	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-02
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 21:45
Analyst: RY

Date Collected: 10/09/09 07:24
Date Received: 10/12/09
Field Prep: Not Specified

Volatile Organics in Air by SIM - Mansfield Lab

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
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	0.220	0.020	1.08	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.092	0.020	0.452	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.067	0.020	0.402	0.120		1
Benzene	0.299	0.070	0.954	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.090	0.020	0.566	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.077	0.020	0.376	0.098		1
Chloromethane	0.561	0.500	2.74	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-02
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:24
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.519	0.050	2.56	0.247		1
Ethylbenzene	0.175	0.020	0.759	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	0.517	0.040	2.24	0.174		1
o-Xylene	0.167	0.020	0.724	0.087		1
Styrene	0.036	0.020	0.153	0.085		1
Tetrachloroethene	0.229	0.020	1.55	0.136		1
Toluene	0.981	0.020	3.69	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	0.040	0.020	0.215	0.107		1
Trichlorofluoromethane	0.326	0.050	1.83	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	4.25	2.00	10.1	4.75		1
2-Butanone	ND	0.500	ND	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-03
Client ID: KITCHEN STORAGE
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 22:23
Analyst: RY

Date Collected: 10/09/09 07:35
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.253	0.020	1.24	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.112	0.020	0.550	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.060	0.020	0.360	0.120		1
Benzene	0.355	0.070	1.13	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.080	0.020	0.503	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.118	0.020	0.576	0.098		1
Chloromethane	0.707	0.500	3.45	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-03
Client ID: KITCHEN STORAGE
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:35
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.463	0.050	2.29	0.247		1
Ethylbenzene	0.198	0.020	0.859	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	0.602	0.040	2.61	0.174		1
o-Xylene	0.196	0.020	0.850	0.087		1
Styrene	0.197	0.020	0.838	0.085		1
Tetrachloroethene	0.332	0.020	2.25	0.136		1
Toluene	1.26	0.020	4.74	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.043	0.020	0.231	0.107		1
Trichlorofluoromethane	0.270	0.050	1.52	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	8.23	2.00	19.5	4.75		1
2-Butanone	ND	0.500	1.47	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-04
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 23:00
Analyst: RY

Date Collected: 10/09/09 07:26
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.297	0.020	1.46	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.122	0.020	0.599	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.060	0.020	0.360	0.120		1
Benzene	0.275	0.070	0.878	0.223		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	0.062	0.020	0.302	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-04
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:26
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.470	0.050	2.32	0.247		1
Ethylbenzene	0.238	0.020	1.03	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	0.736	0.040	3.19	0.174		1
o-Xylene	0.212	0.020	0.920	0.087		1
Styrene	0.041	0.020	0.174	0.085		1
Tetrachloroethene	0.233	0.020	1.58	0.136		1
Toluene	1.04	0.020	3.90	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.036	0.020	0.193	0.107		1
Trichlorofluoromethane	0.275	0.050	1.54	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	4.65	2.00	11.0	4.75		1
2-Butanone	0.558	0.500	1.64	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-05
Client ID: RM 145
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 00:16
Analyst: RY

Date Collected: 10/09/09 07:27
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.143	0.020	0.702	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.045	0.020	0.221	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.054	0.020	0.324	0.120		1
Benzene	0.336	0.070	1.07	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	0.478	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.066	0.020	0.322	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-05
Client ID: RM 145
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:27
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.465	0.050	2.30	0.247		1
Ethylbenzene	0.154	0.020	0.668	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	0.451	0.040	1.96	0.174		1
o-Xylene	0.166	0.020	0.720	0.087		1
Styrene	0.033	0.020	0.140	0.085		1
Tetrachloroethene	0.307	0.020	2.08	0.136		1
Toluene	1.12	0.020	4.22	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	0.156	0.107		1
Trichlorofluoromethane	0.252	0.050	1.41	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	4.49	2.00	10.6	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-06
Client ID: RM 152
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 00:54
Analyst: RY

Date Collected: 10/09/09 07:28
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.146	0.020	0.717	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.049	0.020	0.241	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.061	0.020	0.366	0.120		1
Benzene	0.312	0.070	0.996	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	0.484	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.062	0.020	0.302	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-06
Client ID: RM 152
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:28
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.464	0.050	2.29	0.247		1
Ethylbenzene	0.146	0.020	0.633	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	0.441	0.040	1.91	0.174		1
o-Xylene	0.161	0.020	0.698	0.087		1
Styrene	0.035	0.020	0.149	0.085		1
Tetrachloroethene	0.290	0.020	1.96	0.136		1
Toluene	1.09	0.020	4.09	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	0.156	0.107		1
Trichlorofluoromethane	0.255	0.050	1.43	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	4.91	2.00	11.6	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-07
Client ID: RM 118
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 01:32
Analyst: RY

Date Collected: 10/09/09 07:30
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.145	0.020	0.712	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.052	0.020	0.255	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	0.288	0.070	0.919	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	0.058	0.020	0.283	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-07
Client ID: RM 118
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:30
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.466	0.050	2.30	0.247		1
Ethylbenzene	0.183	0.020	0.794	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.020	0.020	0.072	0.072		1
p/m-Xylene	0.506	0.040	2.20	0.174		1
o-Xylene	0.176	0.020	0.764	0.087		1
Styrene	0.133	0.020	0.566	0.085		1
Tetrachloroethene	0.203	0.020	1.38	0.136		1
Toluene	1.20	0.020	4.50	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	0.045	0.020	0.242	0.107		1
Trichlorofluoromethane	0.289	0.050	1.62	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	6.54	2.00	15.5	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-08
Client ID: RM 110
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 02:10
Analyst: RY

Date Collected: 10/09/09 07:31
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.162	0.020	0.796	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.054	0.020	0.265	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.081	0.020	0.487	0.120		1
Benzene	0.330	0.070	1.05	0.223		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	0.020	0.020	ND	0.053		1
Chloroform	0.063	0.020	0.307	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-08
Client ID: RM 110
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 07:31
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.462	0.050	2.28	0.247		1
Ethylbenzene	0.157	0.020	0.681	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	0.482	0.040	2.09	0.174		1
o-Xylene	0.176	0.020	0.764	0.087		1
Styrene	0.042	0.020	0.179	0.085		1
Tetrachloroethene	0.251	0.020	1.70	0.136		1
Toluene	1.11	0.020	4.17	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	0.156	0.107		1
Trichlorofluoromethane	0.234	0.050	1.31	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	5.08	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-09
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 20:29
Analyst: RY

Date Collected: 10/09/09 09:59
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.141	0.020	0.693	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.046	0.020	0.226	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.031	0.020	0.186	0.120		1
Benzene	0.346	0.070	1.10	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	0.478	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.035	0.020	0.171	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914455
Report Date: 10/15/09

SAMPLE RESULTS

Lab ID: L0914455-09
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 09:59
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.447	0.050	2.21	0.247		1
Ethylbenzene	0.172	0.020	0.746	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	0.527	0.040	2.29	0.174		1
o-Xylene	0.175	0.020	0.759	0.087		1
Styrene	0.033	0.020	0.140	0.085		1
Tetrachloroethene	0.115	0.020	0.779	0.136		1
Toluene	1.22	0.020	4.58	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	ND	0.020	ND	0.107		1
Trichlorofluoromethane	0.211	0.050	1.18	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	3.61	2.00	8.57	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: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 17:13

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG384355-4						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/14/09 17:13

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG384355-4						
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: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG384355-3								
1,1,1-Trichloroethane	96		-		70-130	-		
1,1,1,2-Tetrachloroethane	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	117		-		70-130	-		
1,1,2-Trichloroethane	109		-		70-130	-		
1,1-Dichloroethane	100		-		70-130	-		
1,1-Dichloroethene	104		-		70-130	-		
1,2,4-Trimethylbenzene	117		-		70-130	-		
1,2-Dibromoethane	95		-		70-130	-		
1,2-Dichlorobenzene	113		-		70-130	-		
1,2-Dichloroethane	109		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
1,3,5-Trimethylbenzene	114		-		70-130	-		
1,3-Butadiene	106		-		70-130	-		
1,3-Dichlorobenzene	112		-		70-130	-		
1,4-Dichlorobenzene	111		-		70-130	-		
Benzene	96		-		70-130	-		
Bromodichloromethane	99		-		70-130	-		
Bromoform	98		-		70-130	-		
Bromomethane	87		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Chlorobenzene	103		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG384355-3								
Chloroethane	96		-		70-130	-		
Chloroform	100		-		70-130	-		
Chloromethane	103		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		
cis-1,3-Dichloropropene	91		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
Dichlorodifluoromethane	110		-		70-130	-		
Ethylbenzene	107		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	105		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	112		-		70-130	-		
Methylene chloride	90		-		70-130	-		
Methyl tert butyl ether	124		-		70-130	-		
Naphthalene	103		-		70-130	-		
p/m-Xylene	110		-		70-130	-		
o-Xylene	111		-		70-130	-		
Styrene	108		-		70-130	-		
Tetrachloroethene	92		-		70-130	-		
Toluene	96		-		70-130	-		
trans-1,2-Dichloroethene	93		-		70-130	-		
trans-1,3-Dichloropropene	76		-		70-130	-		
Trichloroethene	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG384355-3								
1,2,4-Trichlorobenzene	117		-		70-130	-		
Trichlorofluoromethane	112		-		70-130	-		
Hexachlorobutadiene	112		-		70-130	-		
Vinyl chloride	106		-		70-130	-		
Acrylonitrile	117		-		70-130	-		
n-Butylbenzene	124		-		70-130	-		
sec-Butylbenzene	116		-		70-130	-		
Isopropylbenzene	111		-		70-130	-		
p-Isopropyltoluene	110		-		70-130	-		
Acetone	107		-		70-130	-		
2-Butanone	126		-		70-130	-		
4-Methyl-2-pentanone	126		-		70-130	-		
Halothane	110		-		70-130	-		
1,2,3-Trichlorobenzene	118		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG384355-5 QC Sample: L0914455-04 Client ID: ELEVATOR HALLWAY						
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.297	0.289	ppbV	3		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
1,3,5-Trimethybenzene	0.122	0.118	ppbV	3		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	0.060	0.058	ppbV	3		25
Benzene	0.275	0.282	ppbV	3		25
Bromodichloromethane	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.079	0.086	ppbV	8		25
Chlorobenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG384355-5 QC Sample: L0914455-04 Client ID: ELEVATOR HALLWAY					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.062	0.063	ppbV	2	25
Chloromethane	ND	0.500	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	0.470	0.481	ppbV	2	25
Ethylbenzene	0.238	0.233	ppbV	2	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.736	0.719	ppbV	2	25
o-Xylene	0.212	0.207	ppbV	2	25
Styrene	0.041	0.039	ppbV	5	25
Tetrachloroethene	0.233	0.235	ppbV	1	25
Toluene	1.04	1.02	ppbV	2	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	0.036	0.038	ppbV	5	25
Trichlorofluoromethane	0.275	0.281	ppbV	2	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG384355-5 QC Sample: L0914455-04 Client ID: ELEVATOR HALLWAY					
Vinyl chloride	ND	ND	ppbV	NC	25
Acrylonitrile	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
Isopropylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
Acetone	4.65	4.59	ppbV	1	25
2-Butanone	0.558	0.540	ppbV	3	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: ALVAREZ HS **Lab Number:** L0914455

Project Number: 14613.01 **Report Date:** 10/15/09

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0914455-01	GYMNASIUM	0401	#90 SV		-	-	77	76	1
L0914455-01	GYMNASIUM	105	2.7L Can	I0913956	-29.4	-3.3	-	-	-
L0914455-02	CAFETERIA	0426	#30 AMB		-	-	77	78	1
L0914455-02	CAFETERIA	460	2.7L Can	I0913956	-29.4	-2.6	-	-	-
L0914455-03	KITCHEN STORAGE	0217	#90 AMB		-	-	80	80	0
L0914455-03	KITCHEN STORAGE	113	2.7L Can	I0913956	-29.4	-2.8	-	-	-
L0914455-04	ELEVATOR HALLWAY	0209	#90 SV		-	-	80	80	0
L0914455-04	ELEVATOR HALLWAY	199	2.7L Can	I0913956	-29.1	-2.3	-	-	-
L0914455-05	RM 145	0007	#16 AMB		-	-	76	76	0
L0914455-05	RM 145	504	2.7L Can	I0913956	-29.4	-4.2	-	-	-
L0914455-06	RM 152	0446	#90 SV		-	-	77	77	0
L0914455-06	RM 152	147B	2.7L Can	I0913956	-29.4	-6.2	-	-	-
L0914455-07	RM 118	0132	#90 AMB		-	-	77	79	3
L0914455-07	RM 118	160	2.7L Can	I0913956	-29.4	-7.2	-	-	-
L0914455-08	RM 110	0417	#90 SV		-	-	76	76	0
L0914455-08	RM 110	220	2.7L Can	I0913956	-29.4	-6.9	-	-	-
L0914455-09	AMBIENT OUTDOOR	0052	#90 AMB		-	-	79	80	1

Project Name: ALVAREZ HS

Project Number: 14613.01

Lab Number: L0914455

Report Date: 10/15/09

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0914455-09	AMBIENT OUTDOOR	155	2.7L Can	I0913956	-29.2	-1.4	-	-	-

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914455
Report Date: 10/15/09

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L0914455-01A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-02A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-03A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-04A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-05A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-06A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-07A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-08A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914455-09A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)

*Hold days indicated by values in parentheses

Project Name:	ALVAREZ HS	**Lab Number:**	L0914455
Project Number:	14613.01	**Report Date:**	10/15/09

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.
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.
NI	· Not Ignitable.
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

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 at less than five times (5x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
D	· Concentration of analyte was quantified from diluted analysis. Flag only applies to 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.
H	· The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
P	· The RPD between the results for the two columns exceeds the method-specified criteria.
Q	· The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RDL. (Metals only.)
R	· Analytical results are from sample re-analysis.
RE	· Analytical results are from sample re-extraction.
J	· Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Report Format: Data Usability Report

Project Name:	ALVAREZ HS	**Lab Number:**	L0914455
Project Number:	14613.01	**Report Date:**	10/15/09

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised June 17, 2009 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, 4500NH3-F, EPA 120.1, SM2510B, 2340B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, 420.1, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Loulsiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270,)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

Biological Tissue (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

Maine Department of Human Services Certificate/Lab ID: MA0030.

Wastewater (Inorganic Parameters: EPA 120.1, 300.0, SM 2320, 2510B, 2540C, 2540D, EPA 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.

Non-Potable Water (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 Organic Parameters: EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. Organic Parameters: SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

Atmospheric Organic Parameters (EPA TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020 Organic Parameters: SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. Organic Parameters: EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. Organic Parameters: EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

Air & Emissions (EPA TO-15.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID: 68-02089. ***NELAP Accredited.***

Non-Potable Water (Organic Parameters: EPA 5030B, EPA 8260)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via LA-DEQ.***

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7471. Organic Parameters: EPA 8015, 8270.)

U.S. Army Corps of Engineers

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd in Lab:

ALPHA Job #: L0914455

10150918:49

Client Information

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

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Alvarez HS
Project Location: Providence, RI
Project #: 14613.01
Project Manager: Mark K. Speer, P.E.
ALPHA Quote #:

Turn-Around Time

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

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)
rmark@eaest.com
mspeer@eaest.com

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
CT	Target indoor air concentrations	

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
14455-1	Gymnasium	10/9/09	0659	0725	29	4	AA	RM/PT	2.7L	105	0401			X					PID 0.026 ppb PPM
2	Cafeteria		0658	0724	30+	4				460	0426			X					0.0 ppb
3	Kitchen Storage		0707	0735	30+	3				113	0217			X					0.004 ppb
4	Elevator Hallway		0701	0726	28	5				89	0204			X					0.028 ppb
5	Rm 145		0702	0727	28	4				504	0007			X					0.0 ppb
6	Rm 152		0703	0728	30+	10				147B	0446			X					0.0 ppb
7	Rm 118		0704	0730	30+	10				160	0132			X					0.0 ppb
8	Rm 110		0705	0731	30	8				220	0417			X					0.0 ppb
9	Ambient Outdoor	↓	0933	0959	29	3	↓	↓	↓	155	0052			X					0.0 ppb

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

Container Type: CS

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

Relinquished By:	Date/Time	Received By:	Date/Time:
Paul Gillett	9/12/09 - 10:40	Paul Gillett	10/12/09 10:40
Paul Gillett	10/12/09 11:15		10/12/09 1115

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

Appendix D

Sub-Slab Air Analytical Summary and Lab Report

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
1,1,1-Trichloroethane*	15-Mar-07	480 000	U	470 000	U	470 000	U	470 000	U	480 000	U	190 000	U	72 000	U	200 000	U	NS		NS		NS	
	22-Mar-07	88 100	U	88 100	U	88 100	U	88 100	U	88 100	U	88 100	U	88 100	U	27 200	U	NS		NS		NS	
	26-Apr-07	27 200	U	27 200	U	27 200	U	27 200	U	27 200	U	27 200	U	27 200	U	27 200	U	NS		NS		NS	
	21-May-07	49 800	U	27 200	U	27 200	U	48 600	U	27 200	U	27 200	U	27 200	U	2 720	U	27 200	U	NS		NS	
	29-Jun-07	0 550	U	0 550	U	0 550	U	0 550	U	0 550	U	1 100	U	0 550	U	0 550	U	NS		NS		NS	
	30-Jul-07	0 550	U	NS		NS		1 100	U	NS		0 550	U	2 700	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 080	U	NS		2 720	U	NS		NS		NS		1 080	U	0 474		NS	
	20-Sep-07	NS		2 720	U	NS		NS		NS		NS		NS		2 720	U	NS		1 180		0 112	
	9-Oct-07	2 720	U	NS		NS		NS		0 545	U	NS		NS		NS		0 988		NS		0 109	U
	7-Nov-07	NS		0 550		NS		NS		NS		0 110	U	NS		NS		0 110	U	1 500		NS	
	5-Dec-07	NS		NS		0 110	U	NS		NS		NS		0 110	U	NS		NS		0 340		0 840	
	8-Jan-08	NS		NS		NS		0 140		NS		NS		NS		0 110	U	0 110	U	NS		0 480	
	8-Feb-08	0 110	U	NS		NS		NS		0 110	U	NS		NS		NS		0 110	U	0 580		NS	
	27-Mar-08	NS		0 108	U	NS		NS		NS		0 108	U	NS		NS		NS		0 522		0 298	
	25-Apr-08	NS		NS		0 108	U	NS		NS		NS		0 109	U	NS		0 108	U	NS		0 118	
	29-May-08	NS		NS		NS		0 120		NS		NS		NS		0 110	U	0 110	U	0 540		NS	
	27-Jun-08	0 170	U	NS		NS		NS		0 458		NS		NS		NS		NS		0 377		0 138	
	31-Jul-08	NS		0 108	U	NS		NS		NS		NS		NS		NS		0 108	U	NS		0 109	U
	28-Aug-08	NS		NS		0 109	U	NS		NS		NS		0 153		NS		0 108	U	0 492		NS	
	30-Sep-08	NS		NS		NS		2 700	U	NS		NS		NS		2 700	U	NS		2 700	U	2 700	U
	27-Oct-08	3 400	U	NS		NS		NS		3 400	U	NS		NS		NS		3 400	U	NS		3 400	U
	25-Nov-08	NS		2 700	U	NS		NS		NS		2 700	U	NS		NS		2 700	U	2 700	U	NS	
	18-Dec-08	NS		NS		2 700	U	NS		NS		NS		2 700	U	NS		NS		2 700	U	2 700	U
	21-Jan-09	NS		NS		NS		2 700	U	NS		NS		NS		2 700	U	NS		NS		2 700	U
	25-Feb-09	2 700	U	NS		NS		NS		2 700	U	NS		NS		NS		2 700	U	2 700	U	NS	
	26-Mar-09	NS		1 580		NS		NS		NS		1 080	U	NS		NS		NS		0 582		0 213	
	29-Apr-09	NS		NS		0 174		NS		NS		NS		0 147		NS		0 156		NS		0 181	
	22-Jul-09	0 545	U	NS		22 200	U	1 080	U	NS		0 545	U	NS		NS		0 988	U	0 278		NS	
	8-Oct-09	NS		0 109	U	NS		NS		0 156		NS		0 181		22 800	U	0 988	U	NS		0 136	
1,1,1,2-Tetrachloroethane	15-Mar-07	620 000	U	580 000	U	580 000	U	600 000	U	580 000	U	240 000	U	91 000	U	280 000	U	NS		NS		NS	
	22-Mar-07	85 700	U	85 700	U	85 700	U	85 700	U	85 700	U	85 700	U	85 700	U	34 300	U	NS		NS		NS	
	26-Apr-07	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	NS		NS		NS	
	21-May-07	62 400	U	34 300	U	34 300	U	60 400	U	34 300	U	34 300	U	3 430	U	34 300	U	NS		NS		NS	
	29-Jun-07	0 690	U	0 690	U	0 690	U	0 690	U	0 690	U	1 400	U	0 690	U	0 690	U	NS		NS		NS	
	30-Jul-07	0 690	U	NS		NS		1 400	U	NS		0 690	U	3 400	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 370	U	NS		3 430	U	NS		NS		NS		1 370	U	0 140	U	NS	
	20-Sep-07	NS		3 430	U	NS		NS		NS		NS		NS		3 430	U	NS		0 140	U	0 140	U
	9-Oct-07	3 430	U	NS		NS		NS		0 690	U	NS		NS		NS		0 137	U	NS		0 137	U
	7-Nov-07	NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U	NS	
	5-Dec-07	NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U
	8-Jan-08	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS		0 140	U
	8-Feb-08	0 140	U	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS	
	27-Mar-08	NS		0 137	U	NS		NS		NS		0 137	U	NS		NS		NS		0 137	U	0 137	U
	25-Apr-08	NS		NS		0 137	U	NS		NS		NS		0 137	U	NS		0 137	U	NS		0 137	U
	29-May-08	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	0 140	U	NS	
	27-Jun-08	0 214	U	NS		NS		NS		0 137	U	NS		NS		NS		NS		0 137	U	0 137	U
	31-Jul-08	NS		0 137	U	NS		NS		NS		NS		NS		NS		0 137	U	NS		0 137	U
	28-Aug-08	NS		NS		0 137	U	NS		NS		NS		0 137	U	NS		0 137	U	NS		NS	
	30-Sep-08	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		0 140	U	0 140	U
	27-Oct-08	0 140	U	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		0 140	U
	25-Nov-08	NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U	NS	
	18-Dec-08	NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U
	21-Jan-09	NS		NS		NS		0 180		NS		NS		NS		0 140	U	0 140	U	NS		0 140	U
	25-Feb-09	0 140	U	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS	
	26-Mar-09	NS		0 588	U	NS		NS		NS		1 370	U	NS		NS		NS		0 137	U	0 137	U
	29-Apr-09	NS		NS		0 137	U	NS		NS		NS		0 137	U	NS		NS		0 137	U	0 137	U
	22-Jul-09	0 686	U	NS		28 000	U	1 370	U	NS		0 686	U	NS		NS		0 137	U	0 137	U	NS	
	8-Oct-09	NS		0 137	U	NS		NS		0 137	U	NS		0 137	U	28 800	U	0 137	U	NS		0 137	U
1,1,2,2-Tetrachloroethane	15-Mar-07	620 000	U	580 000	U	580 000	U	600 000	U	580 000	U	240 000	U	91 000	U	280 000	U	NS		NS		NS	
	22-Mar-07	85 700	U	85 700	U	85 700	U	85 700	U	85 700	U	85 700	U	85 700	U	34 300	U	NS		NS		NS	
	26-Apr-07	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	34 300	U	NS		NS		NS	
	21-May-07	62 400	U	34 300	U	34 300	U	60 400	U	34 300	U	34 300	U	3 430	U	34 300	U	NS		NS		NS	
	29-Jun-07	0 690	U	0 690	U	0 690	U	0 690	U	0 690	U	1 400	U	0 690	U	0 690	U	NS		NS		NS	
	30-Jul-07	0 690	U	NS		NS		1 400	U	NS		0 690	U	3 400	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 370	U	NS		3 430	U	NS		NS		NS		1 370	U	0 140	U	NS	
	20-Sep-07	NS		3 430	U	NS		NS		NS		NS		NS		3 430	U	NS		0 140	U	0 140	U
	9-Oct-07	3 430	U	NS		NS		NS		0 690	U	NS		NS		NS		0 137	U	NS		0 137	U
	7-Nov-07	NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U	NS	
	5-Dec-07	NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U
	8-Jan-08	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS		0 140	U
	8-Feb-08	0 140	U	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS	
	27-Mar-08	NS		0 137	U	NS		NS		NS		0 137	U	NS		NS		NS		0 137	U	0 137	U
	25-Apr-08	NS		NS		0 137	U	NS		NS		NS		0 137	U	NS		0 137	U	NS		0 137	U
	29-May-08	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	0 140	U	NS	
	27-Jun-08	0 214	U	NS		NS		NS		0 137	U	NS		NS		NS		NS		0 137	U	0 137	U
	31-Jul-08	NS		0 137	U	NS		NS		NS		NS		NS		NS		0 137	U	NS		0 137	U
	28-Aug-08	NS		NS		0 137	U	NS		NS		NS		0 137	U	NS		0 137	U	0 137	U	NS	
	30-Sep-08	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		0 140	U	0 140	U
	27-Oct-08	0 140	U	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		0 140	U
	25-Nov-08	NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U	NS	
	18-Dec-08	NS		NS		0 140	U	NS		NS		NS		0 140	U	NS		NS		0 140	U	0 140	U
	21-Jan-09	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS		0 140	U
	25-Feb-09	0 140	U	NS		NS		NS		0 140	U	NS		NS		NS		0 140	U	0 140	U	NS	
	26-Mar-09	NS		0 686	U	NS		NS		NS		1 370	U	NS		NS		NS		0 137	U	0 137	U
	29-Apr-09	NS		NS		0 137	U	NS		NS		NS		0 137	U	NS		0 137	U	NS		0 137	U
	22-Jul-09	0 686	U	NS		28 000	U	1 370	U	NS		0 686	U	NS		NS		0 137	U	0 137	U	NS	
	8-Oct-09	NS		0 137	U	NS		NS		0 137	U	NS		0 137	U	28 800	U	0 137	U	NS		0 137	U

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
1,1,2-Trichloroethane	15-Mar-07	490.000	U	470.000	U	470.000	U	470.000	U	480.000	U	180.000	U	73.000	U	200.000	U	NS		NS		NS	
	22-Mar-07	68.100	U	68.100	U	68.100	U	68.100	U	68.100	U	68.100	U	27.300	U	27.200	U	NS		NS		NS	
	29-Apr-07	27.200	U	27.200	U	27.200	U	27.200	U	27.200	U	27.300	U	27.200	U	27.200	U	NS		NS		NS	
	21-May-07	38.800	U	27.200	U	27.200	U	40.000	U	27.200	U	27.200	U	2.720	U	27.200	U	NS		NS		NS	
	29-Jun-07	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	1.100	U	0.550	U	0.550	U	NS		NS		NS	
	30-Jul-07	0.550	U	NS		NS		1.100	U	NS		0.550	U	2.700	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1.080	U	NS		2.720	U	NS		NS		NS		1.080	U	0.110	U	NS	
	20-Sep-07	NS		2.720	U	NS		NS		NS		NS		NS		2.720	U	NS		0.110	U	0.110	U
	9-Oct-07	2.720	U	NS		NS		NS		0.545	U	NS		NS		NS		0.109	U	NS		0.109	U
	7-Nov-07	NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U	0.110	U	NS	
	6-Dec-07	NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U	0.110	U
	8-Jan-08	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	0.110	U	NS		0.110	U
	5-Feb-08	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	0.110	U	NS	
	27-Mar-08	NS		0.109	U	NS		NS		NS		0.109	U	NS		NS		NS		0.109	U	0.109	U
	25-Apr-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.109	U
	29-May-08	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	0.110	U	0.110	U	NS	
	27-Jun-08	0.170	U	NS		NS		NS		0.109	U	NS		NS		NS		NS		0.109	U	0.109	U
	31-Jul-08	NS		0.108	U	NS		NS		NS		NS		NS		NS		0.108	U	NS		0.109	U
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.108	U	0.109	U	NS	
	30-Sep-08	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		0.110	U	0.110	U
	27-Oct-08	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		0.110	U
	25-Nov-08	NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U	0.110	U	NS	
	18-Dec-08	NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U	0.110	U
	21-Jan-09	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U
	25-Feb-09	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	0.110	U	NS	
	26-Mar-09	NS		0.545	U	NS		NS		NS		1.080	U	NS		NS		NS		0.108	U	0.109	U
	29-Apr-09	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.108	U	NS		0.109	U
	22-Jul-09	0.545	U	NS		22.200	U	1.080	U	NS		0.545	U	NS		0.109	U	0.108	U	0.109	U	NS	
	8-Oct-09	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	22.800	U	0.108	U	NS		0.108	U
1,1-Dichloroethane	15-Mar-07	280.000	U	350.000	U	350.000	U	350.000	U	340.000	U	140.000	U	53.000	U	150.000	U	NS		NS		NS	
	22-Mar-07	50.800	U	50.800	U	50.800	U	50.800	U	50.800	U	50.800	U	50.800	U	20.200	U	NS		NS		NS	
	29-Apr-07	20.200	U	20.200	U	20.200	U	20.200	U	20.200	U	20.200	U	20.200	U	20.200	U	NS		NS		NS	
	21-May-07	28.800	U	20.200	U	20.200	U	25.600	U	20.200	U	20.200	U	2.020	U	20.200	U	NS		NS		NS	
	29-Jun-07	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.810	U	0.400	U	0.400	U	NS		NS		NS	
	30-Jul-07	0.400	U	NS		NS		0.810	U	NS		0.400	U	2.000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.808	U	NS		2.020	U	NS		NS		NS		0.808	U	0.081	U	NS	
	20-Sep-07	NS		2.020	U	NS		NS		NS		NS		NS		2.020	U	NS		0.081	U	0.081	U
	9-Oct-07	2.020	U	NS		NS		NS		0.404	U	NS		NS		NS		0.081	U	NS		0.081	U
	7-Nov-07	NS		0.080	U	NS		NS		NS		0.080	U	NS		NS		0.080	U	0.080	U	NS	
	6-Dec-07	NS		NS		0.080	U	NS		NS		NS		0.080	U	NS		NS		0.080	U	0.080	U
	8-Jan-08	NS		NS		NS		0.080	U	NS		NS		NS		NS		0.080	U	0.080	U	NS	
	5-Feb-08	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS	
	27-Mar-08	NS		0.081	U	NS		NS		NS		0.081	U	NS		NS		NS		0.081	U	0.081	U
	25-Apr-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.081	U
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		NS		0.080	U	0.080	U	NS	
	27-Jun-08	0.126	U	NS		NS		NS		0.081	U	NS		NS		NS		NS		0.081	U	0.081	U
	31-Jul-08	NS		0.081	U	NS		NS		NS		NS		NS		NS		0.081	U	NS		0.081	U
	28-Aug-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.081	U
	27-Oct-08	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U	2.000	U
	27-Oct-08	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U
	25-Nov-08	NS		2.000	U	NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U	NS	
	18-Dec-08	NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U
	21-Jan-09	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS		2.000	U
	25-Feb-09	2.000	U	NS		NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U	NS	
	26-Mar-09	NS		0.394	U	NS		NS		NS		NS		0.787	U	NS		NS		NS		0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	22-Jul-09	0.394	U	NS		18.200	U	0.787	U	NS		0.388	U	NS		NS		0.079	U	0.079	U	NS	
	8-Oct-09	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	18.500	U	0.079	U	NS		0.079	U
1,1-Dichloroethene	15-Mar-07	380.000	U	340.000	U	340.000	U	*	U	340.000	U	140.000	U	53.000	U	150.000	U	NS		NS		NS	
	22-Mar-07	49.500	U	49.500	U	49.500	U	49.500	U	49.500	U	49.500	U	49.500	U	19.800	U	NS		NS		NS	
	29-Apr-07	19.800	U	19.800	U	19.800	U	19.800	U	19.800	U	19.800	U	19.800	U	19.800	U	NS		NS		NS	
	21-May-07	36.000	U	19.800	U	19.800	U	35.800	U	19.800	U	19.800	U	1.980	U	19.800	U	NS		NS		NS	
	29-Jun-07	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.790	U	0.400	U	0.400	U	NS		NS		NS	
	30-Jul-07	0.400	U	NS		NS		0.790	U	NS		0.400	U	2.000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.790	U	NS		1.980	U	NS		NS		NS		0.790	U	0.790	U	NS	
	20-Sep-07	NS		1.980	U	NS		NS		NS		NS		NS		NS		1.980	U	NS		0.080	U
	9-Oct-07	1.980	U	NS		NS		NS		0.396	U	NS		NS		NS		0.079	U	NS		0.079	U
	7-Nov-07	NS		0.080	U	NS		NS		NS		0.080	U	NS		NS		0.080	U	0.080	U	NS	
	6-Dec-07	NS		NS		0.080	U	NS		NS		NS		0.080	U	NS		NS		0.080	U	0.080	U
	8-Jan-08	NS		NS		NS		0.080	U	NS		NS		NS		NS		0.080	U	NS		0.080	U
	5-Feb-08	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS	
	27-Mar-08	NS		0.079	U	NS		NS		NS		0.079	U	NS		NS		NS		0.079	U	0.079	U
	25-Apr-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	0.080	U	NS	
	27-Jun-08	0.123	U	NS		NS		NS		0.079	U	NS		NS		NS		NS		0.079	U	0.079	U
	31-Jul-08	NS		0.079	U	NS		NS		NS		NS		NS		NS		0.079	U	NS		0.079	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	0.079	U	NS	
	30-Sep-08	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U	2.000	U
	27-Oct-08	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U
	25-Nov-08	NS		2.000	U	NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U	NS	
	18-Dec-08	NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U
	21-Jan-09	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS		2.000	U
	25-Feb-09	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS	
	26-Mar-09	NS		0.394	U	NS		NS		NS		0.787	U	NS		NS		NS		NS		0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	22-Jul-09	0.394	U	NS		18.200	U	0.787	U	NS		0.388	U	NS		NS		0.079	U	0.079	U	NS	
	8-Oct-09	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	18.500	U	0.079	U	NS		0.079	U

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP 1	Qual	MP 2	Qual	MP 3	Qual	MP 4	Qual	MP 5	Qual	MP 6	Qual	MP 7	Qual	MP 8	Qual	IMP 1	Qual	IMP 2	Qual	IMP 3	Qual
1,2,4-Trimethylbenzene	15-Mar-07	440 000	U	420 000	U	420 000	U	430 000	U	420 000	U	170 000	U	65 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	61 400	U	61 400	U	61 400	U	61 400	U	61 400	U	61 400	U	61 400	U	24 800	U	NS		NS		NS	
	26-Apr-07	24 800	U	24 800	U	24 800	U	24 800	U	24 800	U	24 800	U	24 800	U	24 800	U	NS		NS		NS	
	21-May-07	44 700	U	24 800	U	24 800	U	43 200	U	24 800	U	24 800	U	2 480	U	24 800	U	NS		NS		NS	
	29-Jun-07	2 480		1 500		1 200		3 400		3 200		0 880	U	2 800		1 500		NS		NS		NS	
	30-Jul-07	1 500		NS		NS		1 700		NS		NS		1 800		4 400		NS		NS		NS	
	22-Aug-07	NS		NS		0 880	U	NS		2 480	U	NS		NS		NS		0 880	U	1 350		NS	
	20-Sep-07	NS		2 480	U	NS		NS		NS		NS		NS		2 480	U	NS		2 110		2 130	
	9-Oct-07	2 480	U	NS		NS		NS		0 540		NS		NS		NS		2 780		NS		1 980	
	7-Nov-07	NS		0 280		NS		NS		NS		0 430		NS		NS		1 280		1 150		NS	
	6-Dec-07	NS		NS		0 350		NS		NS		NS		0 350		NS		NS		2 900		2 280	
	8-Jan-08	NS		NS		NS		2 000		NS		NS		NS		3 880		11 700		NS		0 140	
	8-Feb-08	0 210		NS		NS		NS		0 230		NS		NS		NS		0 840		1 930		NS	
	27-Mar-08	NS		0 304		NS		NS		NS		0 152		NS		NS		NS		0 958		0 881	
	25-Apr-08	NS		NS		1 720		NS		NS		NS		0 844		NS		0 517		NS		0 338	
	29-May-08	NS		NS		NS		0 800		NS		NS		NS		1 000		1 280		0 480		NS	
	27-Jun-08	2 480		NS		NS		NS		1 150		NS		NS		NS		NS		0 836		0 736	
	31-Jul-08	NS		1 840		NS		NS		NS		NS		NS		NS		0 885		NS		0 885	
	28-Aug-08	NS		NS		0 838		NS		NS		NS		NS		NS		0 888		0 853		NS	
	30-Sep-08	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS				2 500	U
	27-Oct-08	11 400		NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 900	
	25-Nov-08	NS		2 500	U	NS		NS		NS		2 500	U	NS		NS		6 400		5 200		NS	
	18-Dec-08	NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		NS		2 500	U	2 500	U
	21-Jan-09	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	2 500	U	NS		2 500	U
	25-Feb-09	17 500		NS		NS		NS		4 000		NS		NS		NS		8 200		2 800		NS	
	26-Mar-08	NS		0 481	U	NS		NS		NS		0 982	U	NS		NS		NS		1 080		1 550	
	29-Apr-09	NS		NS		0 295		NS		NS		NS		0 378		NS		0 707		NS		0 801	
	22-Jul-09	3 480		NS		20 000	U	0 842	U	NS		0 737		NS		NS		56 400		0 880		NS	
	9-Oct-09	NS		0 707		NS		NS		0 781		NS		0 648		20 500	U	1 380		NS		0 584	
1,2-Dibromoethane	15-Mar-07	880 000	U	880 000	U	880 000	U	870 000	U	850 000	U	280 000	U	100 000	U	290 000	U	NS		NS		NS	
	22-Mar-07	98 000	U	98 000	U	98 000	U	98 000	U	98 000	U	98 000	U	98 000	U	38 400	U	NS		NS		NS	
	26-Apr-07	38 400	U	38 400	U	38 400	U	38 400	U	38 400	U	38 400	U	38 400	U	38 400	U	NS		NS		NS	
	21-May-07	68 800	U	38 400	U	38 400	U	67 800	U	38 400	U	38 400	U	3 840	U	38 400	U	NS		NS		NS	
	29-Jun-07	0 770	U	0 770	U	0 770	U	0 770	U	0 770	U	1 500	U	0 770	U	0 770	U	NS		NS		NS	
	30-Jul-07	0 770	U	NS		NS		1 500	U	NS		0 770	U	3 800	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 540	U	NS		3 840	U	NS		NS		NS		1 540	U	0 350	U	NS	
	20-Sep-07	NS		3 840	U	NS		NS		NS		NS		NS		3 840	U	NS		0 150	U	0 150	U
	9-Oct-07	3 840	U	NS		NS		NS		0 768	U	NS		NS		NS		0 154	U	NS	U	0 154	U
	7-Nov-07	NS		0 150	U	NS		NS		NS		0 150	U	NS		NS		0 150	U	0 150	U	NS	
	6-Dec-07	NS		NS		0 150	U	NS		NS		NS		0 150	U	NS		NS		0 150	U	0 150	U
	8-Jan-08	NS		NS		NS		0 150	U	NS		NS		NS		0 150	U	0 150	U	NS		0 150	U
	8-Feb-08	0 150	U	NS		NS		NS		0 150	U	NS		NS		NS		0 150	U	0 150	U	NS	
	27-Mar-08	NS		0 154	U	NS		NS		NS		0 154	U	NS		NS		NS		0 154	U	0 154	U
	25-Apr-08	NS		NS		0 154	U	NS		NS		NS		0 154	U	NS		0 154	U	NS	U	0 154	U
	29-May-08	NS		NS		NS		0 150	U	NS		NS		NS		0 150		0 150	U	0 150	U	NS	
	27-Jun-08	0 230	U	NS		NS		NS		0 154	U	NS		NS		NS		NS		0 154	U	0 154	U
	31-Jul-08	NS		0 154	U	NS		NS		NS		NS		NS		NS		0 154	U	NS	U	0 154	U
	28-Aug-08	NS		NS		0 154	U	NS		NS		NS		0 154	U	NS		0 154	U	0 154	U	NS	
	30-Sep-08	NS		NS		0 150	U	NS		NS		NS		NS		0 150	U	NS		0 150	U	0 150	U
	27-Oct-08	0 150	U	NS		NS		NS		0 150	U	NS		NS		NS		0 150	U	NS	U	0 150	U
	25-Nov-08	NS		0 150	U	NS		NS		NS		0 150	U	NS		NS		NS		0 150	U	NS	
	18-Dec-08	NS		NS		0 150	U	NS		NS		NS		0 150	U	NS		NS		0 150	U	0 150	U
	21-Jan-09	NS		NS		NS		0 150	U	NS		NS		NS		0 150	U	0 150	U	NS		0 150	U
	25-Feb-09	0 150	U	NS		NS		NS		0 150	U	NS		NS		NS		0 150	U	0 150	U	NS	
	26-Mar-08	NS		0 768	U	NS		NS		NS		1 540	U	NS		NS		NS		0 154	U	0 154	U
	29-Apr-09	NS		NS		0 154	U	NS		NS		NS		0 154	U	NS		0 154	U	NS	U	0 154	U
	22-Jul-09	0 768	U	NS		31 300	U	1 540	U	NS		0 768	U	NS		NS		0 154	U	0 154	U	NS	
	9-Oct-09	NS		0 154	U	NS		NS		0 154	U	NS		0 154	U	33 000	U	0 154	U	NS		0 154	U
1,2-Dichlorobenzene	15-Mar-07	540 000	U	520 000	U	520 000	U	520 000	U	510 000	U	210 000	U	79 000	U	220 000	U	NS		NS		NS	
	22-Mar-07	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	30 000	U	NS		NS		NS	
	26-Apr-07	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	NS		NS		NS	
	21-May-07	54 700	U	30 000	U	30 000	U	52 800	U	30 000	U	30 000	U	3 000	U	30 000	U	NS		NS		NS	
	29-Jun-07	0 800	U	0 800	U	0 800	U	0 800	U	0 800	U	1 700	U	0 800	U	0 800	U	NS		NS		NS	
	30-Jul-07	0 800	U	NS		NS		1 700	U	NS		0 800		3 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 700	U	NS		3 000	U	NS		NS		NS		1 200	U	0 120	U	NS	
	20-Sep-07	NS		3 000	U	NS		NS		NS		NS		NS		3 000	U	NS		0 120	U	0 120	U
	9-Oct-07	3 000	U	NS		NS		NS		0 801	U	NS		NS		NS		0 120	U	NS		0 120	U
	7-Nov-07	NS		0 120	U	NS		NS		NS		0 120	U	NS		NS		0 120	U	0 120	U	NS	
	6-Dec-07	NS		NS		0 120	U	NS		NS		NS		0 120	U	NS		NS		0 120	U	0 120	U
	8-Jan-08	NS		NS		NS		0 120	U	NS		NS		NS		NS		0 120	U	NS		0 120	U
	8-Feb-08	0 120	U	NS		NS		NS		0 120	U	NS		NS		NS		0 120	U	0 950		NS	
	27-Mar-08	NS		0 120	U	NS		NS		NS		0 120	U	NS		NS		NS		0 120	U	0 120	U
	25-Apr-08	NS		NS		0 120	U	NS		NS		NS		0 120	U	NS		0 120	U	NS	U	0 120	U
	29-May-08	NS		NS		NS		0 120	U	NS		NS		NS		0 120	U	0 120	U	0 120	U	NS	
	27-Jun-08	0 187	U	NS		NS		NS		0 120	U	NS		NS		NS		NS		0 120	U	0 120	U
	31-Jul-08	NS		0 120	U	NS		NS		NS		NS		NS		NS		0 120	U	NS		0 120	U
	28-Aug-08	NS		NS		0 120	U	NS		NS		NS		0 120	U	NS		0 120	U	0 120	U	NS	
	30-Sep-08	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		3 000	U	3 000	U
	27-Oct-08	3 000	U	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		3 000	U
	25-Nov-08	NS		3 000	U	NS		NS		NS		3 000	U	NS		NS		3 000	U	3 000	U	NS	
	18-Dec-08	NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		NS		3 000	U	3 000	U
	21-Jan-09	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	3 000	U	NS		3 000	U
	25-Feb-09	3 000	U	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	3 000	U	NS	
	26-Mar-08	NS		0 801	U	NS		NS		NS		1 200	U	NS		NS		NS		0 120	U	0 120	U
	29-Apr-09	NS		NS		0 120	U	NS		NS		NS		0 120	U	NS		0 120	U	NS		0 120	U
	22-Jul-09	0 801	U	NS		24 000	U	1 200	U	NS		0 801	U	NS		NS		0 120	U	0 120	U	NS	
	9-Oct-09	NS		0 120	U	NS		NS		0 120	U	NS		0 120	U	25 100	U	0 120	U	NS		0 120	U

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	MP-1	Qual	MP-2	Qual	MP-3	Qual
1,2-Dichloroethane	15-Mar-07	370 000	U	350 000	U	350 000	U	350 000	U	340 000	U	140 000	U	83 000	U	150 000	U	NS		NS		NS	
	22-Mar-07	50 800	U	50 800	U	50 800	U	50 800	U	50 800	U	50 800	U	50 800	U	20 300	U	NS		NS		NS	
	26-Apr-07	20 200	U	20 200	U	20 200	U	20 200	U	20 200	U	20 200	U	20 200	U	20 200	U	NS		NS		NS	
	21-May-07	38 800	U	20 200	U	20 200	U	35 800	U	20 200	U	20 200	U	2 020	U	20 200	U	NS		NS		NS	
	29-Jun-07	0 400	U	0 400	U	0 400	U	0 400	U	0 400	U	0 810	U	0 400	U	0 400	U	NS		NS		NS	
	30-Jul-07	0 400	U	NS		NS		0 810	U	NS		0 400	U	2 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 810	U	NS		2 020	U	NS		NS		NS		0 810	U	0 080	U	NS	
	20-Sep-07	NS		2 020	U	NS		NS		NS		NS		NS		2 020	U	NS		0 080	U	0 080	U
	9-Oct-07	2 020	U	NS		NS		NS		0 404	U	NS		NS		NS		0 708		NS		0 081	U
	7-Nov-07	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U	NS	
	8-Dec-07	NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U
	8-Jan-08	NS		NS		NS		0 080		NS		NS		NS		0 080	U	0 080	U	NS		0 080	U
	8-Feb-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080		0 080	U	NS	
	27-Mar-08	NS		0 081	U	NS		NS		NS		0 143		NS		NS		NS		0 081	U	0 100	
	25-Apr-08	NS		NS		0 081	U	NS		NS		NS		0 081	U	NS		0 081	U	NS		0 088	
	29-May-08	NS		NS		NS		0 080		NS		NS		NS		NS		0 110	U	0 080	U	NS	
	27-Jun-08	0 128	U	NS		NS		NS		0 153		NS		NS		NS		NS		0 110		0 081	U
	31-Jul-08	NS		0 081	U	NS		NS		NS		NS		NS		NS		0 081	U	NS		0 081	U
	28-Aug-08	NS		NS		0 171		NS		NS		NS		NS		NS		0 081	U	0 081	U	NS	
	27-Oct-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		0 080	U	0 080	U
	27-Oct-08	0 040	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		0 085	
	25-Nov-08	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U	NS	
	18-Dec-08	NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U
	21-Jan-09	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS		0 080	U
	25-Feb-09	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS	
	26-Mar-09	NS		0 404	U	NS		NS		NS		0 809	U	NS		NS		NS		0 088		0 133	
	29-Apr-09	NS		NS		0 519		NS		NS		NS		0 081	U	NS		0 081	U	NS		0 088	
	22-Jul-08	0 404	U	NS		18 500	U	0 808	U	NS		0 404	U	NS		NS		0 081	U	0 081	U	NS	
	9-Oct-09	NS		0 081	U	NS		NS		0 081	U	NS		0 081	U	18 800	U	0 081	U	NS		0 081	U
1,2-Dichloropropane	15-Mar-07	420 000	U	400 000	U	400 000	U	400 000	U	390 000	U	160 000	U	91 000	U	170 000	U	NS		NS		NS	
	22-Mar-07	57 700	U	57 700	U	57 700	U	57 700	U	57 700	U	57 700	U	57 700	U	23 100	U	NS		NS		NS	
	26-Apr-07	23 100	U	23 100	U	23 100	U	23 100	U	23 100	U	23 100	U	23 100	U	23 100	U	NS		NS		NS	
	21-May-07	42 000	U	23 100	U	23 100	U	40 800	U	23 100	U	23 100	U	2 310	U	23 100	U	NS		NS		NS	
	29-Jun-07	0 460	U	0 460	U	0 460	U	0 460	U	0 460	U	0 920	U	0 460	U	0 460	U	NS		NS		NS	
	30-Jul-07	0 460	U	NS		NS		0 920	U	NS		0 460	U	2 300	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 920	U	NS		2 310	U	NS		NS		NS		0 920	U	0 080	U	NS	
	20-Sep-07	NS		2 310	U	NS		NS		NS		NS		NS		2 310	U	NS		0 080	U	0 080	U
	9-Oct-07	2 310	U	NS		NS		NS		0 462	U	NS		NS		NS		0 092	U	NS		0 092	U
	7-Nov-07	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U	NS	
	8-Dec-07	NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U
	8-Jan-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS		0 080	U
	8-Feb-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS	
	27-Mar-08	NS		0 092	U	NS		NS		NS		0 092	U	NS		NS		NS		0 092	U	0 092	U
	25-Apr-08	NS		NS		0 092	U	NS		NS		NS		0 092	U	NS		0 092	U	NS		0 092	U
	29-May-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	0 080	U	NS	
	27-Jun-08	0 144	U	NS		NS		NS		0 092	U	NS		NS		NS		NS		0 092	U	0 092	U
	31-Jul-08	NS		0 092	U	NS		NS		NS		NS		NS		NS		0 092	U	NS		0 092	U
	28-Aug-08	NS		NS		0 092	U	NS		NS		NS		0 092	U	NS		0 092	U	NS		0 092	U
	30-Sep-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		0 080	U	0 080	U
	27-Oct-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		0 080	U
	25-Nov-08	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U	NS	
	18-Dec-08	NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U
	21-Jan-09	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS		0 080	U
	25-Feb-09	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS	
	26-Mar-09	NS		0 462	U	NS		NS		NS		0 924	U	NS		NS		NS		0 092	U	0 092	U
	29-Apr-09	NS		NS		0 092	U	NS		NS		NS		0 092	U	NS		0 092	U	NS		0 092	U
	22-Jul-08	0 462	U	NS		18 800	U	0 924	U	NS		0 462	U	NS		NS		0 092	U	0 092	U	NS	
	9-Oct-09	NS		0 092	U	NS		NS		0 092	U	NS		0 092	U	18 300	U	0 092	U	NS		0 092	U
1,3,5-Trimethylbenzene	15-Mar-07	440 000	U	420 000	U	420 000	U	430 000	U	420 000	U	170 000	U	85 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	61 400	U	61 400	U	61 400	U	61 400	U	61 400	U	61 400	U	61 400	U	24 600	U	NS		NS		NS	
	26-Apr-07	24 600	U	24 600	U	24 600	U	24 600	U	24 600	U	24 600	U	24 600	U	24 600	U	NS		NS		NS	
	21-May-07	44 700	U	24 600	U	24 600	U	43 200	U	24 600	U	24 600	U	2 460	U	24 600	U	NS		NS		NS	
	29-Jun-07	1 200		0 790		0 580		1 700		1 700		0 980	U	2 800		1 500		NS		NS		NS	
	30-Jul-07	0 740		NS		NS		0 980	U	NS		0 980		2 500		NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 980	U	NS		2 460	U	NS		NS		NS		0 980	U	0 580		NS	
	20-Sep-07	NS		2 460	U	NS		NS		NS		NS		NS		2 460	U	NS		0 790		0 890	
	9-Oct-07	2 460	U	NS		NS		NS		0 491	U	NS		NS		NS		1 410		NS		0 862	
	7-Nov-07	NS		0 100	U	NS		NS		NS		0 190		NS		NS		0 370		0 320		NS	
	8-Dec-07	NS		NS		0 190		NS		NS		NS		0 100	U	NS		NS		0 710		0 810	
	8-Jan-08	NS		NS		NS		0 510		NS		NS		NS		1 000		2 900		NS		0 100	U
	8-Feb-08	0 100	U	NS		NS		NS		0 100	U	NS		NS		NS		0 470		0 980		NS	
	27-Mar-08	NS		0 140		NS		NS		NS		0 098	U	NS		NS		NS		0 349		0 275	
	25-Apr-08	NS		NS		1 800		NS		NS		NS		0 228		NS		0 182		NS		0 134	
	29-May-08	NS		NS		NS		0 180		NS		NS		NS		0 320		0 430		0 150		NS	
	27-Jun-08	0 180		NS		NS		NS		0 493		NS		NS		NS		NS		0 238		0 250	
	31-Jul-08	NS		0 715		NS		NS		NS		NS		NS		NS		0 278		NS		0 224	
	28-Aug-08	NS		NS		0 497		NS		NS		NS		0 215		NS		0 248		0 233		NS	
	30-Sep-08	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 500		2 500	U
	27-Oct-08	F 800		NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 500	U
	25-Nov-08	NS		2 500	U	NS		NS		NS		2 500	U	NS		NS		2 500	U	2 500	U	NS	
	18-Dec-08	NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U
	21-Jan-09	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	2 500	U	2 500	U	NS	
	25-Feb-09	0 100		NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	2 500	U	NS	
	26-Mar-09	NS		0 491	U	NS		NS		NS		0 982	U	NS		NS		NS		0 337		0 475	
	29-Apr-09	NS		NS		0 147		NS		NS		NS		0 128		NS		0 211		NS		0 241	
	22-Jul-08	3 000		NS		20 000	U	0 982	U	NS		0 491	U	NS		NS		22 700		0 275		NS	
	9-Oct-09	NS		0 216		NS		NS		0 241		NS		0 187		20 500	U	0 368		NS		0 226	

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	MP-1	Qual	MP-2	Qual	MP-3	Qual
1,3-Dichlorobenzene	15-Mar-07	540 000	U	520 000	U	520 000	U	520 000	U	510 000	U	210 000	U	78 000	U	220 000	U	NS		NS		NS	
	22-Mar-07	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	30 000	U	NS		NS		NS	
	26-Apr-07	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	NS		NS		NS	
	21-May-07	54 700	U	30 000	U	30 000	U	52 800	U	30 000	U	30 000	U	3 000	U	30 000	U	NS		NS		NS	
	29-Jun-07	6 800	U	6 800	U	6 800	U	6 800	U	6 800	U	1 200	U	6 800	U	6 800	U	NS		NS		NS	
	30-Jul-07	6 800	U	NS		NS		1 200	U	NS		6 800	U	3 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 200	U	NS		3 000	U	NS		NS		NS		3 200	U	6 120	U	NS	
	20-Sep-07	NS		3 000	U	NS		NS		NS		NS		NS		3 000	U	NS		6 120	U	6 120	U
	9-Oct-07	3 000	U	NS		NS		NS		6 801	U	NS		NS		NS		6 120	U	NS		6 120	U
	7-Nov-07	NS		6 120	U	NS		NS		NS		6 120		NS		NS		6 120	U	6 120	U	NS	
	6-Dec-07	NS		NS		6 120	U	NS		NS		NS		6 120	U	NS		NS		6 120	U	6 120	U
	8-Jan-08	NS		NS		NS		6 120	U	NS		NS		NS		6 120	U	6 120	U	NS		6 120	U
	8-Feb-08	6 120	U	NS		NS		NS		6 120	U	NS		NS		NS		6 120	U	6 120	U	NS	
	27-Mar-08	NS		6 120	U	NS		NS		NS		6 120	U	NS		NS		RS		6 120	U	6 120	U
	25-Apr-08	NS		NS		6 120	U	NS		NS		NS		6 120	U	NS		6 120	U	NS		6 120	U
	29-May-08	NS		NS		NS		1 180		NS		NS		NS		3 470		6 820		6 220		NS	
	27-Jun-08	6 167	U	NS		NS		NS		6 257		NS		NS		NS		NS		6 120	U	6 120	U
	31-Jul-08	NS		6 822		NS		NS		NS		NS		NS		NS		6 138		NS		6 120	U
	28-Aug-08	NS		NS		6 120	U	NS		NS		NS		6 120	U	NS		6 120	U	6 120	U	NS	
	30-Sep-08	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		3 000	U	3 000	U
	27-Oct-08	3 000	U	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		3 000	U
	25-Nov-08	NS		3 000	U	NS		NS		NS		3 000	U	NS		NS		3 000	U	3 000	U	NS	
	18-Dec-08	NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		3 000	U	NS		3 000	U
	21-Jan-09	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	3 000	U	NS		3 000	U
	25-Feb-09	3 000	U	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	3 000	U	NS	
	26-Mar-09	NS		6 801	U	NS		NS		NS		1 200	U	NS		NS		NS		6 120	U	6 120	U
	29-Apr-09	NS		NS		6 120	U	NS		NS		NS		6 120	U	NS		6 120	U	NS		6 120	U
	22-Jul-09	6 801	U	NS		24 500	U	1 200	U	NS		6 801	U	NS		NS		6 120	U	6 360		NS	
	8-Oct-09	NS		6 120	U	NS		NS		6 120	U	NS		6 120	U	25 100	U	6 120	U	NS		6 120	U
1,4-Dichlorobenzene	15-Mar-07	540 000	U	520 000	U	520 000	U	520 000	U	510 000	U	210 000	U	78 000	U	220 000	U	NS		NS		NS	
	22-Mar-07	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	75 100	U	30 000	U	NS		NS		NS	
	26-Apr-07	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	30 000	U	NS		NS		NS	
	21-May-07	54 700	U	30 000	U	30 000	U	52 800	U	30 000	U	30 000	U	3 000	U	30 000	U	NS		NS		NS	
	29-Jun-07	69 000		54 000		55 000		66 000		65 000		39 000		75 000		81 000		NS		NS		NS	
	30-Jul-07	3 800		NS		NS		3 000		NS		3 100		7 000		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 200	U	NS		3 000	U	NS		NS		NS		1 200	U	6 680		NS	
	20-Sep-07	NS		89 700		NS		NS		NS		NS		NS		114 000		NS		97 800		111 000	
	9-Oct-07	63 800		NS		NS		NS		31 000		NS		NS		NS		20 500		NS		52 800	
	7-Nov-07	NS		9 780		NS		NS		NS		13 800		NS		NS		45 600		44 300		NS	
	6-Dec-07	NS		NS		4 540		NS		NS		NS		7 220		NS		NS		46 500		36 200	
	8-Jan-08	NS		NS		NS		6 860		NS		NS		NS		6 510		1 330		NS		6 380	
	8-Feb-08	1 580		NS		NS		NS		6 280		NS		NS		NS		8 500		7 810		NS	
	27-Mar-08	NS		4 330		NS		NS		NS		8 480		NS		NS		NS		8 280		15 100	
	25-Apr-08	NS		NS		6 347		NS		NS		NS		32 300		NS		17 800		NS		16 300	
	29-May-08	NS		NS		NS		5 500		NS		NS		NS		10 000		8 410		4 180		NS	
	27-Jun-08	47 300		NS		NS		NS		38 100		NS		NS		NS		NS		40 800		57 900	
	31-Jul-08	NS		2 480		NS		NS		NS		NS		NS		NS		1 840		NS		2 040	
	28-Aug-08	NS		NS		234 000		NS		NS		NS		214 000		NS		228 000		208 000		NS	
	30-Sep-08	NS		NS		NS		7 200		NS		NS		NS		3 000	U	NS		6 800		5 800	
	27-Oct-08	3 000	U	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	NS		3 000	U
	25-Nov-08	NS		3 000	U	NS		NS		NS		3 000	U	NS		NS		3 000	U	3 000	U	NS	
	18-Dec-08	NS		NS		3 000	U	NS		NS		NS		4 700		NS		NS		10 300		17 100	
	21-Jan-09	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	13 900		NS		27 200	
	25-Feb-09	3 000	U	NS		NS		NS		3 000	U	NS		NS		NS		3 000	U	3 000	U	NS	
	26-Mar-09	NS		5 430		NS		NS		NS		4 870		NS		NS		NS		20 800		33 000	
	29-Apr-09	NS		NS		1 200		NS		NS		NS		1 840		NS		4 120		NS		4 250	
	22-Jul-09	6 801	U	NS		24 500	U	1 200	U	NS		6 801	U	NS		NS		6 348		6 813		NS	
	8-Oct-09	NS		3 310		NS		NS		3 440		NS		2 790		25 100	U	6 850		NS		3 820	
Benzene	15-Mar-07	280 000	U	280 000	U	280 000	U	280 000	U	270 000	U	110 000	U	42 000	U	120 000	U	NS		NS		NS	
	22-Mar-07	38 900	U	38 900	U	38 900	U	38 900	U	38 900	U	38 900	U	38 900	U	18 000	U	NS		NS		NS	
	26-Apr-07	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	NS		NS		NS	
	21-May-07	29 000	U	18 000	U	18 000	U	26 100	U	18 000	U	18 000	U	1 800	U	18 000	U	NS		NS		NS	
	29-Jun-07	6 880		9 840	U	6 730		6 670		6 750		1 300	U	6 830		6 700		NS		NS		NS	
	30-Jul-07	6 670		NS		NS		6 630		NS		6 750		1 800	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		6 540	U	NS		1 800	U	NS		NS		NS		6 540	U	6 380		NS	
	20-Sep-07	NS		5 590	U	NS		NS		NS		NS		NS		5 590	U	NS		6 420		6 340	
	9-Oct-07	7 880	U	NS		NS		NS		1 800	U	NS		NS		NS		6 851		NS		6 816	
	7-Nov-07	NS		6 480		NS		NS		NS		6 450		NS		NS		6 320		6 440		NS	
	6-Dec-07	NS		NS		6 450		NS		NS		NS		NS		6 850		NS		6 840	U	6 840	U
	8-Jan-08	NS		NS		NS		6 890		NS		NS		NS		1 780		2 800		NS		6 480	
	8-Feb-08	6 820		NS		NS		NS		6 860		NS		NS		NS		6 540		6 850		NS	
	27-Mar-08	NS		6 540		NS		NS		NS		6 462		NS		NS		NS		6 788		6 635	
	25-Apr-08	NS		NS		6 564		NS		NS		NS		6 745		NS		6 420		NS		6 536	
	29-May-08	NS		NS		NS		6 730		NS		NS		NS		1 030		1 120		6 810		NS	
	27-Jun-08	6 829		NS		NS		NS		6 466		NS		NS		NS		NS		6 466		6 389	
	31-Jul-08	NS		6 418		NS		NS		NS		NS		NS		NS		6 358		NS		6 285	
	28-Aug-08	NS		NS		1 020		NS		NS		NS		6 537		NS		6 815		6 892		NS	
	30-Sep-08	NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	NS		1 800	U	1 800	U
	27-Oct-08	1 800	U	NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	NS		1 800	U
	25-Nov-08	NS		1 800	U	NS		NS		NS		1 800	U	NS		NS		1 800	U	1 800	U	NS	
	18-Dec-08	NS		NS		1 800	U	NS		NS		NS		1 800	U	NS		NS		1 800	U	1 800	U
	21-Jan-09	NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	NS		1 800	U	1 800	U
	25-Feb-09	1 800	U	NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	1 800	U	NS	
	26-Mar-09	NS		2 100		NS		NS		NS		2 230	U	NS		NS		NS		6 845		1 480	
	29-Apr-09	NS		NS		6 803		NS		NS		NS		6 246		NS		6 223	U	NS		6 387	
	22-Jul-09	1 120	U	NS		58 000		2 230	U	NS		1 450		NS		NS		4 270		6 829		NS	
	8-Oct-09	NS		1 150		NS		NS		6 874		NS		6 431		46 800	U	6 818		NS		6 824	

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Bromodichloromethane	15-Mar-07	800 000	U	580 000	U	580 000	U	580 000	U	570 000	U	230 000	U	84 000	U	250 000	U	NS		NS		NS	
	22-Mar-07	83 700	U	83 700	U	83 700	U	83 700	U	83 700	U	83 700	U	83 700	U	33 500	U	NS		NS		NS	
	28-Apr-07	33 500	U	33 500	U	33 500	U	33 500	U	33 500	U	33 500	U	33 500	U	33 500	U	NS		NS		NS	
	21-May-07	80 900	U	33 500	U	33 500	U	56 900	U	33 500	U	33 500	U	3 350	U	33 500	U	NS		NS		NS	
	29-Jun-07	0 670	U	0 670	U	0 670	U	0 670	U	0 670	U	1 300	U	0 670	U	0 670	U	NS		NS		NS	
	30-Jul-07	0 670	U	NS		NS		1 300	U	NS		0 670	U	3 400	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 340	U	NS		3 350	U	NS		NS		NS		1 340	U	0 130	U	NS	
	20-Sep-07	NS		3 350	U	NS		NS		NS		NS		NS		3 350	U	NS		0 130	U	0 130	U
	8-Oct-07	3 350	U	NS		NS		NS		0 670	U	NS		NS		NS		0 134	U	NS		0 134	U
	7-Nov-07	NS		0 130	U	NS		NS		NS		0 130	U	NS		NS		0 130	U	0 130	U	NS	
	8-Dec-07	NS		NS		0 130	U	NS		NS		NS		0 130	U	NS		NS		0 130	U	0 130	U
	9-Jan-08	NS		NS		NS		0 130	U	NS		NS		NS		0 130	U	0 130	U	NS		0 130	U
	6-Feb-08	0 130	U	NS		NS		NS		0 130	U	NS		NS		NS		0 130	U	0 130	U	NS	
	27-Mar-08	NS		0 134	U	NS		NS		NS		0 134	U	NS		NS		NS		0 134	U	0 134	U
	25-Apr-08	NS		NS		0 134	U	NS		NS		NS		0 134	U	NS		0 134	U	NS		0 134	U
	29-May-08	NS		NS		NS		0 130	U	NS		NS		NS		0 130	U	0 130	U	0 130	U	NS	
	27-Jun-08	0 269	U	NS		NS		NS		0 134	U	NS		NS		NS		NS		0 134	U	0 134	U
	31-Jul-08	NS		0 134	U	NS		NS		NS		NS		NS		NS		0 134	U	NS		0 134	U
	28-Aug-08	NS		NS		0 134	U	NS		NS		NS		0 134	U	NS		0 134	U	0 134	U	NS	
	30-Sep-08	NS		NS		NS		0 570		NS		NS		NS		NS		0 130	U	NS		0 230	U
	27-Oct-08	0 130	U	NS		NS		NS		1 070		NS		NS		NS		0 130	U	NS		0 130	U
	25-Nov-08	NS		0 130	U	NS		NS		NS		0 130	U	NS		NS		0 130	U	3 000		NS	
	18-Dec-08	NS		NS		0 130	U	NS		NS		NS		0 130	U	NS		NS		0 130	U	0 130	U
	21-Jan-09	NS		NS		NS		0 130	U	NS		NS		NS		0 130	U	0 130	U	NS		0 130	U
	25-Feb-09	0 130	U	NS		NS		NS		0 130	U	NS		NS		NS		0 130	U	0 130	U	NS	
	26-Mar-09	NS		0 670	U	NS		NS		NS		1 340	U	NS		NS		NS		0 134	U	0 134	U
	29-Apr-09	NS		NS		0 134	U	NS		NS		NS		0 134	U	NS		0 134	U	NS		0 134	U
	22-Jul-09	0 670	U	NS		27 300	U	1 340	U	NS		0 670	U	NS		NS		0 134	U	0 134	U	NS	
	9-Oct-09	NS		0 134	U	NS		NS		0 134	U	NS		0 134	U	28 000	U	0 134	U	NS		0 134	U
Bromoform	15-Mar-07	800 000	U	580 000	U	580 000	U	800 000	U	580 000	U	280 000	U	140 000	U	390 000	U	NS		NS		NS	
	22-Mar-07	129 000	U	129 000	U	129 000	U	129 000	U	129 000	U	129 000	U	129 000	U	51 800	U	NS		NS		NS	
	28-Apr-07	51 800	U	51 800	U	51 800	U	51 800	U	51 800	U	51 800	U	51 800	U	51 800	U	NS		NS		NS	
	21-May-07	94 000	U	51 800	U	51 800	U	80 800	U	51 800	U	51 800	U	5 180	U	51 800	U	NS		NS		NS	
	29-Jun-07	1 000	U	1 000	U	1 000	U	1 000	U	1 000	U	2 100	U	1 000	U	1 000	U	NS		NS		NS	
	30-Jul-07	1 000	U	NS		NS		2 100	U	NS		1 000	U	5 200	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		2 080	U	NS		5 180	U	NS		NS		NS		2 080	U	0 208	U	NS	
	20-Sep-07	NS		5 180	U	NS		NS		NS		NS		NS		5 180	U	NS		0 208	U	0 208	U
	8-Oct-07	5 180	U	NS		NS		NS		1 030	U	NS		NS		NS		0 208	U	NS		0 208	U
	7-Nov-07	NS		0 210	U	NS		NS		NS		0 210	U	NS		NS		0 210	U	0 210	U	NS	
	8-Dec-07	NS		NS		0 210	U	NS		NS		NS		0 210	U	NS		NS		0 210	U	0 210	U
	9-Jan-08	NS		NS		NS		0 210	U	NS		NS		NS		0 210	U	0 210	U	NS		0 210	U
	6-Feb-08	0 210	U	NS		NS		NS		0 210	U	NS		NS		NS		0 210	U	0 210	U	NS	
	27-Mar-08	NS		0 208	U	NS		NS		NS		0 208	U	NS		NS		NS		0 208	U	0 208	U
	25-Apr-08	NS		NS		0 208	U	NS		NS		NS		0 208	U	NS		0 208	U	NS		0 208	U
	29-May-08	NS		NS		NS		0 210	U	NS		NS		NS		0 210	U	0 210	U	0 210	U	NS	
	27-Jun-08	0 322	U	NS		NS		NS		0 208	U	NS		NS		NS		NS		0 208	U	0 208	U
	31-Jul-08	NS		0 208	U	NS		NS		NS		NS		NS		NS		0 208	U	NS		0 208	U
	28-Aug-08	NS		NS		0 208	U	NS		NS		NS		0 208	U	NS		0 208	U	0 208	U	NS	
	30-Sep-08	NS		NS		NS		0 410	U	NS		NS		NS		0 410	U	NS		0 410	U	0 410	U
	27-Oct-08	0 410	U	NS		NS		NS		0 410	U	NS		NS		NS		0 410	U	NS		0 410	U
	25-Nov-08	NS		0 140	U	NS		NS		NS		0 410	U	NS		NS		0 410	U	0 410	U	NS	
	18-Dec-08	NS		NS		0 410	U	NS		NS		NS		0 410	U	NS		0 410	U	0 410	U	0 410	U
	21-Jan-09	NS		NS		NS		0 410	U	NS		NS		NS		0 410	U	0 410	U	NS		0 410	U
	25-Feb-09	0 410	U	NS		NS		NS		0 140	U	NS		NS		NS		0 410	U	0 410	U	NS	
	26-Mar-09	NS		1 030	U	NS		NS		NS		2 080	U	NS		NS		NS		0 208	U	0 208	U
	29-Apr-09	NS		NS		0 208	U	NS		NS		NS		0 208	U	NS		0 208	U	NS		0 208	U
	22-Jul-09	1 030	U	NS		42 000	U	2 080	U	NS		1 030	U	NS		NS		0 208	U	0 208	U	NS	
	9-Oct-09	NS		0 208	U	NS		NS		0 208	U	NS		0 208	U	43 100	U	0 208	U	NS		0 208	U
Carbon tetrachloride	15-Mar-07	570 000	U	540 000	U	540 000	U	540 000	U	530 000	U	220 000	U	83 000	U	240 000	U	NS		NS		NS	
	22-Mar-07	78 800	U	78 800	U	78 800	U	78 800	U	78 800	U	78 800	U	78 800	U	31 400	U	NS		NS		NS	
	28-Apr-07	31 400	U	31 400	U	31 400	U	31 400	U	31 400	U	31 400	U	31 400	U	31 400	U	NS		NS		NS	
	21-May-07	57 200	U	31 400	U	31 400	U	55 200	U	31 400	U	31 400	U	3 140	U	31 400	U	NS		NS		NS	
	29-Jun-07	0 630	U	0 630	U	0 630	U	0 630	U	0 630	U	1 300	U	0 630	U	0 630	U	NS		NS		NS	
	30-Jul-07	0 630	U	NS		NS		1 300	U	NS		0 630	U	3 100	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 260	U	NS		3 140	U	NS		NS		NS		NS		1 300	U	0 750	
	20-Sep-07	NS		3 140	U	NS		NS		NS		NS		NS		3 140	U	NS		0 410		0 300	
	8-Oct-07	3 140	U	NS		NS		NS		0 629	U	NS		NS		NS		0 529		NS		0 508	
	7-Nov-07	NS		0 620		NS		NS		NS		0 520		NS		NS		0 580		0 550		NS	
	8-Dec-07	NS		NS		0 450		NS		NS		NS		0 480		NS		NS		0 500		0 500	
	9-Jan-08	NS		NS		NS		0 550		NS		NS		NS		0 580		0 580		NS		0 570	
	6-Feb-08	0 440		NS		NS		NS		0 480		NS		NS		NS		0 570		0 450		NS	
	27-Mar-08	NS		0 539		NS		NS		NS		0 477		NS		NS		NS		0 576		0 574	
	25-Apr-08	NS		NS		0 417		NS		NS		NS		0 444		NS		0 458		NS		0 448	
	29-May-08	NS		NS		NS		0 480		NS		NS		NS		0 480		0 470		0 480		NS	
	27-Jun-08	0 478		NS		NS		NS		0 508		NS		NS		NS		NS		0 533		0 553	
	31-Jul-08	NS		0 579		NS		NS		NS		NS		NS		0 548		NS		0 587		0 583	
	28-Aug-08	NS		NS		0 515		NS		NS		NS		0 548		NS		0 577		NS		0 451	
	30-Sep-08	NS		NS		NS		0 511		NS		NS		NS		NS		NS		0 410		0 580	
	27-Oct-08	0 480		NS		NS		NS		0 340		NS		NS		NS		0 300		0 440		NS	
	25-Nov-08	NS		0 500		NS		NS		NS		0 470		NS		NS		NS		0 480		0 480	
	18-Dec-08	NS		NS		0 230		NS		NS		NS		0 280		NS		NS		NS		0 670	
	21-Jan-09	NS		NS		NS		0 340		NS		NS		NS		0 470		0 270		NS		NS	
	25-Feb-09	0 390		NS		NS		NS		0 280		NS		NS		NS		0 370		0 380		NS	
	26-Mar-09	NS		0 829	U	NS		NS		NS		1 260	U	NS		NS		NS		0 601		0 585	
	29-Apr-09	NS		NS		0 484		NS		NS		NS		0 526		NS		0 515		0 503		0 654	
	22-Jul-09	0 629	U	NS		25 800	U	1 260	U	NS		0 629	U	NS		NS		0 515		0 503		NS	
	9-Oct-09	NS		0 691		NS		NS		0 668		NS		0 485		28 200	U	0 710		NS		0 691	

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	MP-1	Qual	MP-2	Qual	MP-3	Qual
Chloroethane	15-Mar-07	420 000	U	400 000	U	400 000	U	400 000	U	380 000	U	180 000	U	61 000	U	170 000	U	NS		NS		NS	
	22-Mar-07	57 500	U	57 500	U	57 500	U	57 500	U	57 500	U	57 500	U	57 500	U	23 000	U	NS		NS		NS	
	28-Apr-07	23 000	U	23 000	U	23 000	U	23 000	U	23 000	U	23 000	U	23 000	U	23 000	U	NS		NS		NS	
	21-May-07	41 800	U	23 000	U	23 000	U	40 500	U	23 000	U	23 000	U	2 300	U	23 000	U	NS		NS		NS	
	29-Jun-07	0 530		0 480	U	0 480	U	0 480	U	0 480	U	0 920	U	0 480	U	0 480	U	NS		NS		NS	
	30-Jul-07	0 480	U	NS		NS		0 920	U	NS		0 480	U	2 300	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 920	U	NS		2 300	U	NS		NS		NS		0 920	U	0 092	U	NS	
	20-Sep-07	NS		2 300	U	NS		NS		NS		NS		NS		2 300	U	NS		0 092	U	0 092	U
	9-Oct-07	2 300	U	NS		NS		NS		0 480	U	NS		NS		NS		0 092	U	NS		0 092	U
	7-Nov-07	NS		0 090	U	NS		NS		NS		0 090	U	NS		NS		0 090	U	0 090	U	NS	
	6-Dec-07	NS		NS		0 090	U	NS		NS		NS		0 090	U	NS		NS		0 090	U	0 090	U
	8-Jan-08	NS		NS		NS		0 090	U	NS		NS		NS		NS		0 140		0 090	U	NS	
	8-Feb-08	0 090	U	NS		NS		NS		0 090	U	NS		NS		NS		NS		0 090	U	0 090	U
	27-Mar-08	NS		0 053	U	NS		NS		NS		0 092	U	NS		NS		NS		0 092	U	0 092	U
	25-Apr-08	NS		NS		0 092	U	NS		NS		NS		0 092	U	NS		0 092	U	NS		0 092	U
	28-May-08	NS		NS		NS		0 090	U	NS		NS		NS		NS		0 090	U	0 090	U	NS	
	27-Jun-08	0 207		NS		NS		NS		0 092	U	NS		NS		NS		NS		NS		0 092	U
	31-Jul-08	NS		0 092	U	NS		NS		NS		NS		NS		NS		NS		0 092	U	NS	
	28-Aug-08	NS		NS		0 092	U	NS		NS		NS		0 092	U	NS		0 092	U	0 092	U	NS	
	30-Sep-08	NS		NS		NS		2 300	U	NS		NS		NS		NS		2 300	U	NS		2 300	U
	27-Oct-08	2 300	U	NS		NS		NS		2 300	U	NS		NS		NS		2 300	U	NS		2 300	U
	25-Nov-08	NS		2 300	U	NS		NS		NS		2 300	U	NS		NS		2 300	U	NS		NS	
	18-Dec-08	NS		NS		2 300	U	NS		NS		NS		2 300	U	NS		NS		2 300	U	2 300	U
	21-Jan-09	NS		NS		NS		2 300	U	NS		NS		NS		2 300	U	2 300	U	NS		2 300	U
	25-Feb-09	2 300	U	NS		NS		NS		2 300	U	NS		NS		NS		2 300	U	2 300	U	NS	
	26-Mar-09	NS		0 480	U	NS		NS		NS		0 825	U	NS		NS		NS		0 092	U	0 092	U
	28-Apr-09	NS		NS		0 092	U	NS		NS		NS		0 092	U	NS		0 092	U	NS		0 092	U
	22-Jul-09	0 480	U	NS		18 800	U	0 920	U	NS		0 480	U	NS		NS		0 092	U	NS		NS	
	9-Oct-09	NS		0 092	U	NS		NS		0 092	U	NS		0 092	U	19 200	U	0 092	U	NS		0 092	U
Chloroform	15-Mar-07	240 000	U	230 000	U	230 000	U	230 000	U	220 000	U	91 000	U	35 000	U	99 000	U	NS		NS		NS	
	22-Mar-07	33 000	U	33 000	U	33 000	U	33 000	U	33 000	U	33 000	U	33 000	U	13 200	U	NS		NS		NS	
	28-Apr-07	13 200	U	13 200	U	13 200	U	13 200	U		U	13 200	U	13 200	U	13 200	U	NS		NS		NS	
	21-May-07	24 000	U	13 200	U	13 200	U	23 200	U	13 200	U	13 200	U	1 320	U	13 200	U	NS		NS		NS	
	29-Jun-07	0 280	U	0 280	U	0 280	U	0 340	U	0 280	U	0 530	U	0 280	U	0 280	U	NS		NS		NS	
	30-Jul-07	0 280	U	NS		NS		0 530	U	NS		0 280	U	1 300	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 527	U	NS		1 320	U	NS		NS		NS		0 527	U	0 058	U	NS	
	20-Sep-07	NS		1 320	U	NS		NS		NS		NS		NS		1 370	U	NS		0 053	U	0 053	U
	9-Oct-07	1 320	U	NS		NS		NS		0 264	U	NS		NS		NS		0 053	U	NS		0 053	U
	7-Nov-07	NS		0 050	U	NS		NS		NS		0 050	U	NS		NS		0 050	U	0 080		NS	
	6-Dec-07	NS		NS		0 110		NS		NS		NS		0 050	U	NS		NS		0 050	U	0 050	U
	8-Jan-08	NS		NS		NS		0 110		NS		NS		NS		0 050	U	0 050	U	NS		0 050	U
	8-Feb-08	0 050	U	NS		NS		NS		0 050	U	NS		NS		NS		0 050	U	0 050	U	NS	
	27-Mar-08	NS		0 053	U	NS		NS		NS		0 053	U	NS		NS		NS		0 053	U	0 053	U
	25-Apr-08	NS		NS		0 053	U	NS		NS		NS		NS		0 138		NS		0 053	U	0 053	U
	28-May-08	NS		NS		NS		0 110		NS		NS		NS		0 100		0 070		0 050	U	NS	
	27-Jun-08	0 082	U	NS		NS		NS		0 132		NS		NS		NS		NS		0 053	U	0 053	U
	31-Jul-08	NS		0 053	U	NS		NS		NS		NS		NS		NS		NS		NS		0 053	U
	28-Aug-08	NS		NS		0 053	U	NS		NS		NS		NS		0 153		NS		0 053		0 075	
	30-Sep-08	NS		NS		NS		1 300	U	NS		NS		NS		NS		1 300	U	NS		1 300	U
	27-Oct-08	1 300	U	NS		NS		NS		1 300	U	NS		NS		NS		1 300	U	NS		1 800	
	25-Nov-08	NS		1 300	U	NS		NS		NS		1 300	U	NS		NS		1 300	U	1 300	U	NS	
	18-Dec-08	NS		NS		1 300	U	NS		NS		NS		1 300	U	NS		NS		1 300	U	1 300	U
	21-Jan-09	NS		NS		NS		1 300	U	NS		NS		NS		NS		1 300	U	NS		1 300	U
	25-Feb-09	1 300	U	NS		NS		NS		1 300	U	NS		NS		NS		1 300	U	1 300	U	NS	
	26-Mar-09	NS		0 264	U	NS		NS		NS		0 527	U	NS		NS		NS		0 121		0 083	
	28-Apr-09	NS		NS		0 137		NS		NS		NS		0 053		NS		0 053	U	NS		0 053	U
	22-Jul-09	0 264	U	NS		10 800	U	0 587	U	NS		NS		0 277		NS		0 053	U	0 081		NS	
	9-Oct-09	NS		0 053	U	NS		NS		0 056		NS		0 406		11 000	U	0 053	U	NS		0 053	U
Chloroform	15-Mar-07	440 000	U	420 000	U	420 000	U	420 000	U	410 000	U	170 000	U	64 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	61 000	U	61 000	U	61 000	U	61 000	U	61 000	U	61 000	U	61 000	U	24 400	U	NS		NS		NS	
	28-Apr-07	24 400	U	24 400	U	24 400	U	24 400	U	24 400	U	24 400	U	24 400	U	24 400	U	NS		NS		NS	
	21-May-07	44 400	U	24 400	U	24 400	U	42 900	U	24 400	U	24 400	U	2 440	U	24 400	U					NS	
	29-Jun-07	0 480	U	0 480	U	0 480	U	0 490	U	0 490	U	0 880	U	0 480	U	0 480	U	NS		NS		NS	
	30-Jul-07	0 480	U	NS		NS		0 880	U	NS		0 490	U	2 400	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 880	U	NS		2 440	U	NS		NS		NS		NS		0 880	U	0 180	
	20-Sep-07	NS		2 440	U	NS		NS		NS		NS		NS		NS		2 440	U	NS		0 250	
	9-Oct-07	2 440	U	NS		NS		NS		0 488	U	NS		NS		NS		NS		0 200		NS	
	7-Nov-07	NS		0 180		NS		NS		NS		0 100	U	NS		NS		NS		0 230		0 270	
	6-Dec-07	NS		NS		0 220		NS		NS		NS		0 100	U	NS		NS		NS		0 140	
	8-Jan-08	NS		NS		NS		0 280		NS		NS		NS		0 200		0 210		NS		0 280	
	8-Feb-08	0 100	U	NS		NS		NS		NS	U	NS		NS		NS		0 120		0 120		NS	
	27-Mar-08	NS		0 098	U	NS		NS		NS		0 125		NS		NS		NS		0 453		0 847	
	25-Apr-08	NS		NS		0 231		NS		NS		NS		NS		0 203		NS		0 134		NS	
	28-May-08	NS		NS		NS		0 140		NS		NS		NS		NS		0 100	U	0 110		0 140	
	27-Jun-08	0 263		NS		NS		NS		0 673		NS		NS		NS		NS		NS		0 305	
	31-Jul-08	NS		0 145		NS		NS		NS		NS		NS		NS		0 130		NS		0 124	
	28-Aug-08	NS		NS		0 098	U	NS		NS		NS		NS		1 200		0 331		0 388		NS	
	30-Sep-08	NS		NS		NS		0 490	U	NS		NS		NS		NS		0 490	U	NS		0 490	U
	27-Oct-08	0 490	U	NS		NS		NS		0 480	U	NS		NS		NS		NS		0 490	U	NS	
	25-Nov-08	NS		0 240	U	NS		NS		NS		0 240	U	NS		NS		0 240	U	NS		0 240	U
	18-Dec-08	NS		NS		0 240	U	NS		NS		NS		0 240	U	NS		NS		NS		0 240	U
	21-Jan-09	NS		NS		NS		0 240	U	NS		NS		NS		NS		0 240	U	NS		0 240	U
	25-Feb-09	0 240	U	NS		NS		NS		0 240	U	NS		NS		NS		0 240	U	0 240	U	NS	
	26-Mar-09	NS		0 486	U	NS		NS		NS		1 280		NS		NS		NS		0 265		0 200	
	28-Apr-09	NS		NS		0 098	U	NS		NS		NS		NS		0 130		NS		0 098	U	NS	
	22-Jul-09	0 486	U	NS		19 900	U	0 978	U	NS		0 486	U	NS		NS		0 429		0 220		NS	
	9-Oct-09	NS		0 265		NS		NS		0 263		NS		0 268		20 400	U	0 317		NS		0 312	

Date Modified 12/23/2009

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Chloroethane	15-Mar-07	4700.000	U	4400.000	U	4400.000	U	4500.000	U	4400.000	U	1800.000	U	880.000	U	1800.000	U	NS		NS		NS	
	22-Mar-07	25.800	U	25.800	U	25.800	U	25.800	U	25.800	U	25.800	U	25.800	U	10.300	U	NS		NS		NS	
	26-Apr-07	10.300	U	10.300	U	10.300	U	10.300	U	10.300	U	10.300	U	10.300	U	10.300	U			NS		NS	
	21-May-07	10.800	U	10.300	U	10.300	U	10.200	U	10.300	U	10.300	U	1.420	U	10.300	U	NS		NS		NS	
	29-Jun-07	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.830	U	0.410	U	0.410	U	NS		NS		NS	
	30-Jul-07	5.200	U	NS		NS		10.000	U	NS		5.200	U	26.000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		24.400	U	NS		61.000	U	NS		NS		NS		24.400	U	7.630		NS	
	20-Sep-07	NS		81.000	U	NS		NS		NS		NS		NS		81.000	U	NS		2.440	U	2.440	U
	9-Oct-07	61.000	U	NS		NS		NS		12.200	U	NS		NS		NS		2.980		NS		3.130	
	7-Nov-07	NS		2.570		NS		NS		NS		3.250		NS		NS		2.440	U	2.440	U	NS	
	6-Dec-07	NS		NS		2.440	U	NS		NS		NS		2.440	U	NS		NS		2.440	U	2.440	U
	8-Jan-08	NS		NS		NS		2.440	U	NS		NS		NS		2.440	U	2.440	U	NS		2.440	U
	8-Feb-08	2.440	U	NS		NS		NS		2.440	U	NS		NS		NS		2.440	U	2.440	U	NS	
	27-Mar-08	NS		2.870		NS		NS		NS		3.240		NS		NS		NS		2.440	U	2.440	U
	25-Apr-08	NS		NS		2.440	U	NS		NS		NS		2.440	U	NS		2.440	U	NS		2.440	U
	29-May-08	NS		NS		NS		2.440	U	NS		NS		NS		2.440	U	2.440	U	2.440	U	NS	
	27-Jun-08	3.800	U	NS		NS		NS		2.440	U	NS		NS		NS		NS		2.440	U	2.440	U
	31-Jul-08	NS		4.840		NS		NS		NS		NS		NS		NS		2.440	U	NS		2.440	U
	28-Aug-08	NS		NS		2.440	U	NS		NS		NS		2.440	U	NS		2.440	U	2.440	U	NS	
	30-Sep-08	NS		NS		NS		1.000	U	NS		NS		NS		1.000	U	NS		1.000	U	1.000	U
	27-Oct-08	1.000	U	NS		NS		NS		1.000	U	NS		NS		NS		1.100		NS		3.500	
	25-Nov-08	NS		1.000	U	NS		NS		NS		1.000	U	NS		NS		1.000	U	1.000	U	NS	
	18-Dec-08	NS		NS		1.000	U	NS		NS		NS		1.000	U	NS		NS		1.400		1.000	U
	21-Jan-09	NS		NS		NS		1.000	U	NS		NS		NS		3.700		1.000	U	NS		1.000	U
	25-Feb-09	1.000		NS		NS		NS		1.000	U	NS		NS		NS		1.000	U	1.200		NS	
	26-Mar-09	NS		12.200	U	NS		NS		NS		24.400	U	NS		NS		NS		4.580		2.440	U
	29-Apr-09	NS		NS		22.400		NS		NS		NS		18.400		NS		2.440	U	NS		2.440	U
	22-Jul-09	18.500		NS		497.000	U	32.000		NS		41.900		NS		NS		2.440	U	8.290		NS	
	8-Oct-09	NS		2.440	U	NS		NS		2.440	U	NS		2.440	U	508.000	U	2.440	U	NS		2.440	U
cis-1,2-Dichloroethene*	15-Mar-07	380.000	U	340.000	U	340.000	U	340.000	U	340.000	U	140.000	U	52.000	U	150.000	U	NS		NS		NS	
	22-Mar-07	48.500	U	48.500	U	48.500	U	48.500	U	48.500	U	48.500	U	48.500	U	19.800	U	NS		NS		NS	
	26-Apr-07	19.800	U	19.800	U	19.800	U	19.800	U		U	19.800	U	19.800	U	19.800	U	NS		NS		NS	
	21-May-07	38.000	U	19.800	U	19.800	U	34.900	U	19.800	U	19.800	U	1.980	U	19.800	U	NS		NS		NS	
	29-Jun-07	0.450	U	0.450	U	0.450	U	0.450	U	0.450	U	0.810	U	0.450	U	0.450	U	NS		NS		NS	
	30-Jul-07	0.400	U	NS		NS		0.790	U	NS	U	0.400	U	2.000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.790	U	NS		1.980	U	NS		NS		NS		NS		0.780	U	0.080	U
	20-Sep-07	NS		1.980	U	NS		NS		NS		NS		NS		NS		1.980	U	NS		0.080	U
	9-Oct-07	1.980	U	NS		NS		NS		0.389	U	NS		NS		NS		NS		0.078	U	NS	
	7-Nov-07	NS		0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U
	6-Dec-07	NS		NS		0.080	U	NS		NS		NS		0.080	U	NS		NS		0.080	U	0.080	U
	8-Jan-08	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS		0.080	U
	8-Feb-08	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS	
	27-Mar-08	NS		0.078	U	NS		NS		NS		0.078	U	NS		NS		NS		0.078	U	0.078	U
	25-Apr-08	NS		NS		0.078	U	NS		NS		NS		0.078	U	NS		0.078	U	NS		0.078	U
	29-May-08	NS		NS		NS		0.080		NS		NS		NS		0.080	U	0.080	U	0.080	U	NS	
	27-Jun-08	0.123	U	NS		NS		NS		0.078	U	NS		NS		NS		NS		0.078	U	0.078	U
	31-Jul-08	NS		0.078	U	NS		NS		NS		NS		NS		NS		0.078	U	NS		0.078	U
	28-Aug-08	NS		NS		0.078	U	NS		NS		NS		0.078	U	NS		0.078	U	0.078	U	NS	
	30-Sep-08	NS		NS		NS		5.800	U	NS		NS		NS		5.800	U	NS		5.800	U	5.800	U
	27-Oct-08	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U
	25-Nov-08	NS		2.000	U	NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U	NS	
	18-Dec-08	NS		2.000	U	NS		NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U
	21-Jan-09	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS		2.000	U
	25-Feb-09	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS	
	26-Mar-09	NS		0.389	U	NS		NS		NS		0.782	U	NS		NS		NS		0.079	U	0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS	U	NS	U	0.078	U	NS	U	0.079	U	0.079	U
	22-Jul-09	0.398	U	NS		565.000		0.782	U	NS		0.396	U	NS		NS		0.079	U	0.078	U	NS	
	8-Oct-09	NS		0.079	U	NS		NS		0.079	U	NS		0.078	U	18.500	U	0.079	U	NS		0.078	U
cis-1,3-Dichloropropene	15-Mar-07	410.000	U	380.000	U	380.000	U	380.000	U	380.000	U	160.000	U	60.000	U	170.000	U	NS		NS		NS	
	22-Mar-07	56.700	U	56.700	U	56.700	U	56.700	U	56.700	U	56.700	U	56.700	U	22.700	U	NS		NS		NS	
	26-Apr-07	22.700	U	22.700	U	22.700	U	22.700	U	22.700	U	22.700	U	22.700	U	22.700	U	NS		NS		NS	
	21-May-07	41.300	U	22.700	U	22.700	U	39.900	U	22.700	U	22.700	U	2.270	U	22.700	U			NS		NS	
	29-Jun-07	0.450	U	0.450	U	0.450	U	0.450	U	0.450	U	0.910	U	0.450	U	0.450	U	NS		NS		NS	
	30-Jul-07	0.450	U	NS		NS		0.910	U	NS	U	0.450	U	2.300	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0.907	U	NS		2.270	U	NS		NS		NS		NS		0.907	U	0.091	U
	20-Sep-07	NS		2.270	U	NS		NS		NS		NS		NS		2.270	U	NS		0.091	U	0.091	U
	9-Oct-07	2.270	U	NS		NS		NS		0.453	U	NS		NS		NS		0.091	U	NS		0.091	U
	7-Nov-07	NS		0.090	U	NS		NS		NS		0.090	U	NS		NS		0.090	U	NS		NS	
	6-Dec-07	NS		NS		0.090	U	NS		NS		NS		0.090	U	NS		NS		0.090	U	0.090	U
	8-Jan-08	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	U	NS		0.090	U
	8-Feb-08	0.090	U	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	U	NS	
	27-Mar-08	NS		0.091	U	NS		NS		NS		0.091	U	NS		NS		NS		0.091	U	0.091	U
	25-Apr-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		0.091	U
	29-May-08	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	U	NS		NS	
	27-Jun-08	0.141	U	NS		NS		NS		0.091	U	NS		NS		NS		NS		0.091	U	0.091	U
	31-Jul-08	NS		0.091	U	NS		NS		NS		NS		NS		NS		0.091	U	NS		0.091	U
	28-Aug-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	0.091	U	NS	
	27-Oct-08	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		0.180	U	0.180	U
	27-Oct-08	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		0.180	U
	25-Nov-08	NS		0.180	U	NS		NS		NS		0.180	U	NS		NS		0.180	U	0.180	U	NS	
	18-Dec-08	NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		NS		0.180	U	0.180	U
	21-Jan-09	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	0.180	U	NS		0.180	U
	25-Feb-09	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	0.180	U	NS	
	26-Mar-09	NS		0.453	U	NS		NS		NS		0.907	U	NS		NS		NS		0.091	U	0.810	U
	29-Apr-09	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		0.091	U
	22-Jul-09	0.453	U	NS		18.500	U	0.907	U	NS		0.453	U	NS		NS		0.091	U	0.091	U	NS	
	8-Oct-09	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	18.800	U	0.091	U	NS		0.091	U

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Contaminants via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	MP-1	Qual	MP-2	Qual	MP-3	Qual
Dichlorodifluoromethane	15-Mar-07	770 000	U	730 000	U	730 000	U	740 000	U	720 000	U	280 000	U	110 000	U	320 000	U	NS		NS		NS	
	22-Mar-07	108 000	U	108 000	U	108 000	U	108 000	U	108 000	U	108 000	U	108 000	U	42 800	U	NS		NS		NS	
	26-Apr-07	42 800	U	42 800	U	42 800	U	42 800	U	42 800	U	42 800	U	42 800	U	42 800	U	NS		NS		NS	
	21-May-07	77 400	U	42 800	U	42 800	U	74 900	U	42 800	U	42 800	U	4 280	U	42 800	U	NS		NS		NS	
	29-Jun-07	8 850	U	8 850	U	8 850	U	8 850	U	8 850	U	1 700	U	8 850	U	8 850	U	NS		NS		NS	
	30-Jul-07	8 850	U	NS		NS		1 700	U	NS		8 850	U	4 300	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		8 850	U	NS		3 400	U	NS		NS		NS		8 850	U	8 850	U	NS	
	20-Sep-07	NS		2 400	U	NS		NS		NS		NS		NS		NS		2 400	U	NS		8 850	U
	9-Oct-07	2 400	U	NS		NS		NS		8 480	U	NS		NS		NS		NS		8 850	U	NS	
	7-Nov-07	NS		8 100	U	NS		NS		NS		8 100	U	NS		NS		8 100	U	8 100	U	NS	
	6-Dec-07	NS		NS		8 100	U	NS		NS		NS		8 700	U	NS		NS		8 100	U	8 100	U
	9-Jan-08	NS		NS		NS		8 100	U	NS		NS		NS		NS		8 100	U	NS		8 100	U
	8-Feb-08	8 100	U	NS		NS		NS		8 100	U	NS		NS		NS		8 100	U	8 100	U	NS	
	27-Mar-08	NS		8 086	U	NS		NS		NS		8 086	U	NS		NS		NS		8 086	U	8 086	U
	25-Apr-08	NS		NS		8 086	U	NS		NS		NS		NS		8 086	U	NS		8 086	U	8 086	U
	29-May-08	NS		NS		NS		8 100	U	NS		NS		NS		NS		8 100	U	8 100	U	NS	
	27-Jun-08	8 150	U	NS		NS		NS		8 086	U	NS		NS		NS		NS		8 086	U	8 086	U
	31-Jul-08	NS		8 086	U	NS		NS		NS		NS		NS		NS		8 086	U	NS		8 086	U
	28-Aug-08	NS		NS		8 086	U	NS		NS		NS		NS		8 086	U	NS		8 086	U	NS	
	30-Sep-08	NS		NS		NS		4 200	U	NS		NS		NS		NS		4 200	U	NS		4 200	U
	27-Oct-08	4 200	U	NS		NS		NS		4 200	U	NS		NS		NS		4 200	U	NS		4 200	U
	25-Nov-08	NS		4 200	U	NS		NS		NS		4 200	U	NS		NS		4 200	U	NS		NS	
	18-Dec-08	NS		NS		4 200	U	NS		NS		NS		4 200	U	NS		NS		4 200	U	4 200	U
	21-Jan-09	NS		NS		NS		4 200	U	NS		NS		NS		4 200	U	4 200	U	NS		4 200	U
	25-Feb-09	4 200	U	NS		NS		NS		4 200	U	NS		NS		NS		4 200	U	4 200	U	NS	
	26-Mar-09	NS		8 480	U	NS		NS		NS		8 980		NS		NS		NS		8 086	U	8 086	U
	29-Apr-09	NS		NS		8 086	U	NS		NS		NS		8 086	U	NS		8 086	U	NS		8 086	U
	22-Jul-09	8 480	U	NS		18 800	U	8 980	U	NS		8 480	U	NS		NS		8 086	U	8 086	U	NS	
	9-Oct-09	NS		8 086	U	NS		NS		NS	U	NS		8 084	U	20 000	U	8 084	U	NS		8 086	U
Dichlorotetrafluoroethane	15-Mar-07	450 000	U	420 000	U	420 000	U	430 000	U	420 000	U	170 000	U	85 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	124 000	U	124 000	U	124 000	U	124 000	U	124 000	U	124 000	U	124 000	U	49 400	U	NS		NS		NS	
	26-Apr-07	49 400	U	49 400	U	49 400	U	49 400	U	49 400	U	49 400	U	49 400	U	49 400	U	NS		NS		NS	
	21-May-07	88 800	U	49 400	U	49 400	U	87 000	U	49 400	U	49 400	U	4 940	U	49 400	U	NS		NS		NS	
	29-Jun-07	2 200		2 200		2 100		8 850	U	8 480	U	2 500		2 300		2 000	U	NS		NS		NS	
	30-Jul-07	2 400		NS		NS		2 500		NS		2 200		3 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		2 820		NS		8 180	U	NS		NS		NS		3 010		2 380		NS	
	20-Sep-07	NS		8 180	U	NS		NS		NS		NS		NS		8 180	U	NS		1 980		1 770	
	9-Oct-07	6 180	U	NS		NS		NS		1 240	U	NS		NS		NS		2 650		NS		2 780	
	7-Nov-07	NS		2 800		NS		NS		NS		2 230		NS		NS		2 200		0 250	U	NS	
	6-Dec-07	NS		NS		3 140		NS		NS		NS		2 480		NS		NS		2 340		2 380	
	9-Jan-08	NS		NS		NS		2 820		NS		NS		NS		2 800		2 810		NS		2 810	
	8-Feb-08	2 000		NS		NS		NS		2 070		NS		NS		NS		1 920		3 000		NS	
	27-Mar-08	NS		2 280		NS		NS		NS		2 150		NS		NS		NS		2 720		4 140	
	25-Apr-08	NS		NS		2 010		NS		NS		NS		2 110		NS		2 040		NS		2 180	
	29-May-08	NS		NS		NS		1 830		NS		NS		NS		NS		1 820		1 980		NS	
	27-Jun-08	2 000		NS		NS		NS		2 520		NS		NS		NS		NS		2 270		2 480	
	31-Jul-08	NS		1 800		NS		NS		NS		NS		NS		NS		1 810		NS		1 870	
	28-Aug-08	NS		NS		3 130		NS		NS		NS		2 800		NS		2 750		2 880		NS	
	30-Sep-08	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 500	U	2 700	
	27-Oct-08	2 500	U	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 500	U
	25-Nov-08	NS		215 000		NS		NS		NS		11 700		NS		NS		2 500	U	5 100		NS	
	18-Dec-08	NS		NS		25 000		NS		NS		NS		2 500	U	NS		NS		2 500	U	2 500	U
	21-Jan-09	NS		NS		NS		2 500	U	NS		NS		NS		5 800		2 500	U	NS		2 500	U
	25-Feb-09	2 500	U	NS		NS		NS		18 400		NS		NS		NS		2 500	U	3 400		NS	
	26-Mar-09	NS		2 550		NS		NS		NS		2 480		NS		NS		NS		2 480		2 410	
	29-Apr-09	NS		NS		2 410		NS		NS		NS		3 780		NS		2 280		NS		2 400	
	22-Jul-09	2 420		NS		2 420		2 720		NS		2 500		NS		NS		2 370		2 480		NS	
	9-Oct-09	NS		2 730		NS		NS		2 770		NS		3 670		51 600	U	2 640		NS		2 790	
Ethylbenzene	15-Mar-07	380 000	U	370 000	U	370 000	U	380 000	U	370 000	U	150 000	U	57 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	54 200	U	54 200	U	54 200	U	54 200	U	54 200	U	54 200	U	54 200	U	21 700	U	NS		NS		NS	
	26-Apr-07	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	NS		NS		NS	
	21-May-07	38 500	U	21 700	U	21 700	U	38 200	U	21 700	U	21 700	U	2 170	U	21 700	U	NS		NS		NS	
	29-Jun-07	15 000		0 430	U	0 430	U	0 430	U	0 430	U	0 870	U	0 520		0 430	U	NS		NS		NS	
	30-Jul-07	0 870		NS		NS		0 870	U	NS		1 000		2 200	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 868	U	NS		2 170	U	NS		NS		NS		NS		0 868	U	0 564	
	20-Sep-07	NS		2 170	U	NS		NS		NS		NS		NS		2 170	U	NS		0 854		1 100	
	9-Oct-07	2 170	U	NS		NS		NS		0 434	U	NS		NS		NS		1 850		NS		0 849	
	7-Nov-07	NS		0 150		NS		NS		NS		0 230		NS		NS		0 380		0 710		NS	
	6-Dec-07	NS		NS		0 120		NS		NS		NS		0 180		NS		NS		0 840		0 870	
	9-Jan-08	NS		NS		NS		1 010		NS		NS		NS		3 310		6 840		NS		0 210	
	8-Feb-08	0 210		NS		NS		NS		0 230		NS		NS		NS		0 330		4 880		NS	
	27-Mar-08	NS		0 295		NS		NS		NS		0 157		NS		NS		NS		0 845		0 372	
	25-Apr-08	NS		NS		0 291		NS		NS		NS		NS		0 320		NS		0 835		0 565	
	29-May-08	NS		NS		NS		1 490		NS		NS		NS		NS		2 200		2 820		1 010	
	27-Jun-08	4 340		NS		NS		NS		0 472		NS		NS		NS		NS		NS		0 808	
	31-Jul-08	NS		0 820		NS		NS		NS		NS		NS		NS		0 758		NS		0 577	
	28-Aug-08	NS		NS		0 830		NS		NS		NS		0 482		NS		0 711		0 868		NS	
	30-Sep-08	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		2 200	U	2 200	U
	27-Oct-08	18 400		NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS	U	2 200	U
	25-Nov-08	NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200		NS	U	NS	
	18-Dec-08	NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U	2 200	U
	21-Jan-09	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		2 200	U	NS	
	25-Feb-09	10 800		NS		NS		NS		2 200	U	NS		NS		NS		NS		2 200	U	2 200	U
	26-Mar-09	NS		0 518		NS		NS		NS	U	NS		NS		NS		NS		0 845		1 180	
	29-Apr-09	NS		NS		0 180		NS		NS		NS		0 181		NS		0 304		NS		0 325	
	22-Jul-09	11 700		NS		11 700		0 884	U	NS		1 150		NS		NS		38 200		1 040		NS	
	9-Oct-09	NS		0 564		NS		NS		0 580		NS		0 291		18 100	U	0 547		NS		0 542	

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	MP-1	Qual	MP-2	Qual	MP-3	Qual
Methylene chloride	15-Mar-07	12000 000	U	12000 000	U	12000 000	U	12000 000	U	14000 000		4800 000	U	1800 000	U	5200 000	U	NS		NS		NS	
	22-Mar-07	88 800	U	88 800	U	88 800	U	88 800	U	88 800	U	88 800	U	88 800	U	34 700	U	NS		NS		NS	
	26-Apr-07	34 700	U	34 700	U	34 700	U	34 700	U	34 700	U	34 700	U	34 700	U	88 400		NS		NS		NS	
	21-May-07	43 200	U	34 700	U	34 700	U	61 100	U	34 700	U	34 700	U	3 470	U	34 700	U	NS		NS		NS	
	29-Jun-07	8 700	U	8 700	U	8 700	U	8 700	U	8 700	U	17 000	U	8 700	U	8 700	U	NS		NS		NS	
	30-Jul-07	14 000	U	NS		NS		28 000	U	NS		14 000	U	88 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		34 800	U	NS		81 300		NS		NS		NS		34 800	U	1 740	U	NS	
	20-Sep-07	NS		43 400	U	NS		NS		NS		NS		NS		43 400	U	NS		1 740	U	1 740	U
	9-Oct-07	43 400	U	NS		NS		NS		8 680	U	NS		NS		NS		8 250		NS		1 740	U
	7-Nov-07	NS		1 740	U	NS		NS		NS		1 740	U	NS		NS		1 740	U	1 740	U	NS	
	6-Dec-07	NS		NS		1 740	U	NS		NS		NS		1 740	U	NS		NS		1 740	U	1 740	U
	8-Jan-08	NS		NS		NS		1 740	U	NS		NS		NS		1 970		1 740	U	NS		1 740	U
	8-Feb-08	2 340		NS		NS		NS		1 740	U	NS		NS		NS		1 740	U	1 740	U	NS	
	27-Mar-08	NS		1 740	U	NS		NS		NS		2 970		NS		NS		NS		2 100		1 740	U
	25-Apr-08	NS		NS		1 740	U	NS		NS		NS		1 740	U	NS		1 740	U	NS		1 740	U
	29-May-08	NS		NS		NS		1 740	U	NS		NS		NS		1 740	U	2 910		1 740	U	NS	
	27-Jun-08	4 330	U	NS		NS		NS		3 680		NS		NS		NS		NS		2 780	U	2 780	U
	31-Jul-08	NS		1 740	U	NS		NS		NS		NS		NS		NS		1 740	U	NS		1 740	U
	28-Aug-08	NS		NS		1 740	U	NS		NS		NS		1 740	U	NS		1 740	U	1 740	U	NS	
	30-Sep-08	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	NS		1 700	U	1 700	U
	27-Oct-08	1 700	U	NS		NS		NS		1 700	U	NS		NS		NS		NS		1 700	U	NS	
	25-Nov-08	NS		1 700	U	NS		NS		NS		1 700	U	NS		NS		1 700	U	1 700	U	NS	
	18-Dec-08	NS		NS		1 700	U	NS		NS		NS		1 700	U	NS		NS		1 700	U	1 700	U
	21-Jan-09	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	1 700	U	NS		1 700	U
	25-Feb-09	1 700	U	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	1 700	U	NS	
	26-Mar-09	NS		16 100		NS		NS		NS		17 400	U	NS		NS		NS		1 740	U	1 800	U
	29-Apr-09	NS		NS		1 740	U	NS		NS		NS		1 740	U	NS		1 740	U	NS	U	1 740	U
	22-Jul-09	88 800	U	NS		8 880	U	17 400	U	NS		8 880	U	NS		1 740	U	1 740	U	1 740	U	NS	
	9-Oct-09	NS		1 740	U	NS		NS		1 740	U	NS		1 740	U	382 000	U	1 740	U	NS		1 740	U
Methyl tert butyl ether (MTBE)	15-Mar-07	330 000	U	310 000	U	310 000	U	310 000	U	310 000	U	120 000	U	48 000	U	140 000	U	NS		NS		NS	
	22-Mar-07	45 000	U	45 000	U	45 000	U	45 000	U	45 000	U	45 000	U	45 000	U	20 500	U	NS		NS		NS	
	26-Apr-07	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	18 000	U	NS		NS		NS		NS	
	21-May-07	32 800	U	18 000	U	18 000	U	31 700	U	18 000	U	18 000	U	1 800	U	18 000	U	NS		NS		NS	
	29-Jun-07	0 540		0 720		0 360	U	0 360	U	0 360	U	0 720	U	0 360	U	0 360	U	NS		NS		NS	
	30-Jul-07	0 360	U	NS		NS		0 720	U	NS		0 360	U	1 800	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 720	U	NS		1 800	U	NS		NS		NS		0 720	U	0 072	U	NS	
	20-Sep-07	NS		1 800	U	NS		NS		NS		NS		NS		1 800	U	NS		0 072	U	0 072	U
	9-Oct-07	1 800	U	NS		NS		NS		0 360	U	NS		NS		NS		0 083		NS		0 072	U
	7-Nov-07	NS		0 570	U	NS		NS		NS		0 670	U	NS		NS		0 670	U	0 670	U	NS	
	6-Dec-07	NS		NS		0 670	U	NS		NS		NS		0 670	U	NS		NS		0 670	U	0 670	U
	8-Jan-08	NS		NS		NS		0 100		NS		NS		NS		NS		0 290		NS		0 120	
	8-Feb-08	0 070	U	NS		NS		NS		0 070	U	NS		NS		NS		0 140		0 070	U	NS	
	27-Mar-08	NS		0 072	U	NS		NS		NS		0 072	U	NS		NS		NS		0 185		0 126	
	25-Apr-08	NS		NS		0 072	U	NS		NS		NS		0 072	U	NS		0 072	U	NS		0 078	
	29-May-08	NS		NS		NS		0 070	U	NS		NS		NS		NS		0 070	U	0 070	U	NS	
	27-Jun-08	0 438		NS		NS		NS		0 072	U	NS		NS		NS		NS		0 072	U	0 072	U
	31-Jul-08	NS		0 072	U	NS		NS		NS		NS		NS		NS		0 072	U	NS		0 072	U
	28-Aug-08	NS		NS		0 109		NS		NS		NS		0 072	U	NS		0 172	U	0 140		NS	
	30-Sep-08	NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	NS		1 800	U	1 800	U
	27-Oct-08	1 800	U	NS		NS		NS		2 800		NS		NS		NS		3 200		NS		5 800	
	25-Nov-08	NS		1 800	U	NS		NS		NS		1 800	U	NS		NS		1 800	U	1 800	U	NS	
	18-Dec-08	NS		NS		1 800	U	NS		NS		NS		1 800	U	NS		NS		1 800	U	1 800	U
	21-Jan-09	NS		NS		NS		1 800	U	NS		NS		NS		NS		1 800	U	1 800	U	NS	
	25-Feb-09	5 800		NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	1 800	U	NS	
	26-Mar-09	NS		0 360	U	NS		NS		NS		0 720	U	NS		NS		NS		0 072	U	0 072	U
	29-Apr-09	NS		NS		0 072	U	NS		NS		NS	U	0 072	U	NS		0 072	U	NS		0 072	U
	22-Jul-09	0 360	U	NS		0 360	U	0 720	U	NS		0 360	U	NS		NS		0 072	U	0 072	U	NS	
	9-Oct-09	NS		0 072	U	NS		NS		0 072	U	NS		0 072	U	15 000	U	0 084		NS		0 083	
p/m Xylene	15-Mar-07	780 000	U	750 000	U	750 000	U	750 000	U	740 000	U	300 000	U	120 000	U	320 000	U	NS		NS		NS	
	22-Mar-07	108 000	U	108 000	U	108 000	U	108 000	U	108 000	U	108 000	U	43 400	U	108 000	U	NS		NS		NS	
	26-Apr-07	43 400	U	43 400	U	43 400	U	43 400	U	43 400	U	43 400	U	43 400	U	43 400	U	NS		NS		NS	
	21-May-07	78 000	U	43 400	U	43 400	U	78 400	U	43 400	U	43 400	U	4 340	U	43 400	U	NS		NS		NS	
	29-Jun-07	25 000		1 200		1 200		1 400		1 400		1 700	U	1 700		1 300		NS		NS		NS	
	30-Jul-07	2 300		NS		NS		1 700	U	NS		2 800		4 800		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 740	U	NS		4 340	U	NS		NS		NS		1 740	U	1 840		NS	
	20-Sep-07	NS		4 340	U	NS		NS		NS		NS		NS		4 340	U	NS		2 750		3 200	
	9-Oct-07	4 340	U	NS		NS		NS		0 868	U	NS		NS		NS		4 860		NS		2 520	
	7-Nov-07	NS		0 420		NS		NS		NS		0 840		NS		NS		1 340		2 270		NS	
	6-Dec-07	NS		NS		0 380		NS		NS		NS		0 450		NS		NS		2 880		2 250	
	8-Jan-08	NS		NS		NS		3 700		NS		NS		NS		11 500		25 800		NS		0 740	
	8-Feb-08	0 550		NS		NS		NS		0 630		NS		NS		NS		1 040		18 300		NS	
	27-Mar-08	NS		0 893		NS		NS		NS		0 388		NS		NS		NS		2 170		1 330	
	25-Apr-08	NS		NS		0 815		NS		NS		NS		NS		0 870		NS		2 540		1 810	
	29-May-08	NS		NS		NS		5 000		NS		NS		NS		F 580		10 100		3 340		NS	
	27-Jun-08	12 800		NS		NS		NS		1 500		NS		NS		NS		NS		NS		2 330	
	31-Jul-08	NS		2 400		NS		NS		NS		NS		NS		NS		2 080		NS		1 550	
	28-Aug-08	NS		NS		2 330		NS		NS		NS		NS		NS		2 130		1 840		NS	
	30-Sep-08	NS		NS		NS		4 300	U	NS		NS		NS		4 300	U	NS		4 300	U	4 300	U
	27-Oct-08	41 800		NS		NS		NS		4 300	U	NS		NS		NS		4 300	U	NS		4 300	U
	25-Nov-08	NS		4 700		NS		NS		NS		4 300	U	NS		NS		8 500		8 900		NS	
	18-Dec-08	NS		NS		4 300	U	NS		NS		NS		4 300	U	NS		NS		4 300	U	4 300	U
	21-Jan-09	NS		NS		NS		4 300	U	NS		NS		NS		4 300	U	4 300	U	NS		4 300	U
	25-Feb-09	37 800		NS		NS		NS		4 300	U	NS		NS		NS		8 600		8 300		NS	
	26-Mar-09	NS		1 350		NS		NS		NS		1 740	U	NS		NS		NS		2 580		3 580	
	29-Apr-09	NS		NS		0 468		NS		NS		NS		0 518		NS		0 933		NS		1 080	
	22-Jul-09	25 800		NS		25 800		1 740	U	NS		3 880		NS		NS		165 000		3 520		NS	
	9-Oct-09	NS		1 870		NS		NS		1 630		NS		0 815		38 200	U	1 740		NS		1 700	

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	MP-1	Qual	MP-2	Qual	MP-3	Qual
o-Xylene	15-Mar-07	380 000	U	370 000	U	370 000	U	380 000	U	370 000	U	150 000	U	97 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	54 200	U	54 200	U	54 200	U	54 200	U	54 200	U	54 200	U	54 200	U	21 700	U	NS		NS		NS	
	26-Apr-07	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	21 700	U	NS		NS		NS	
	21-May-07	38 500	U	21 700	U	21 700	U	38 200	U	21 700	U	21 700	U	2 170	U	21 700	U	NS		NS		NS	
	28-Jun-07	7 000		0 500		0 480		0 610		0 580		0 870	U	0 720		0 500		NS		NS		NS	
	30-Jul-07	0 800		NS		NS		0 870	U	NS		1 000		2 200	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 868	U	NS		2 170	U	NS		NS		NS		0 868	U	0 788		NS	
	20-Sep-07	NS		2 170	U	NS		NS		NS		NS		NS		2 170	U	NS		1 340		1 870	
	9-Oct-07	2 170	U	NS		NS		NS		0 434	U	NS		NS		NS		1 540		NS		0 842	
	7-Nov-07	NS		0 140		NS		NS		NS		0 180		NS		NS		0 480		0 710		NS	
	6-Dec-07	NS		NS		0 140		NS		NS		NS		NS		NS		0 180		NS		1 100	
	8-Jan-08	NS		NS		NS		1 420		NS		NS		NS		NS		NS		5 870		0 850	
	8-Feb-08	0 200		NS		NS		NS		0 330		NS		NS		NS		NS		0 480		0 310	
	27-Mar-08	NS		0 273		NS		NS		NS		0 142		NS		NS		NS		F 730		NS	
	25-Apr-08	NS		NS		0 370		NS		NS		NS		NS		0 408		NS		0 735		NS	
	29-May-08	NS		NS		NS		1 480		NS		NS		NS		NS		2 240		2 840		1 020	
	27-Jun-08	4 120		NS		NS		NS		0 550		NS		NS		NS		NS		NS		0 872	
	31-Jul-08	NS		0 835		NS		NS		NS		NS		NS		NS		0 748		NS		0 784	
	28-Aug-08	NS		NS		0 804		NS		NS		NS		NS		0 511		NS		0 797		0 564	
	30-Sep-08	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U
	27-Oct-08	9 800		NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		4 000	
	25-Nov-08	NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		3 100	N	2 200	U	NS	
	18-Dec-08	NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U	2 200	U
	21-Jan-09	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	2 200	U	NS		2 200	U
	25-Feb-09	8 800		NS		NS		NS		2 200	U	NS		NS		NS		2 200		3 200		NS	
	26-Mar-09	NS		0 488		NS		NS		NS		0 868	U	NS		NS		NS		0 822		1 280	
	29-Apr-09	NS		NS		0 174		NS		NS		NS		NS		0 208		NS		0 388		0 488	
	22-Jul-09	5 340		NS		5 340		0 844	U	NS		1 380		NS		NS		72 700		1 270		NS	
	8-Oct-09	NS		0 542		NS		NS		0 569		NS		0 343		18 100	U	0 829		NS		0 816	
Styrene	15-Mar-07	380 000	U	370 000	U	370 000	U	370 000	U	380 000	U	150 000	U	98 000	U	180 000	U	NS		NS		NS	
	22-Mar-07	53 200	U	53 200	U	53 200	U	53 200	U	53 200	U	53 200	U	53 200	U	21 300	U	NS		NS		NS	
	26-Apr-07	21 300	U	21 300	U	21 300	U	21 300	U	21 300	U	21 300	U	21 300	U	21 300	U	NS		NS		NS	
	21-May-07	38 700	U	21 300	U	21 300	U	37 400	U	21 300	U	21 300	U	2 130	U	21 300	U	NS		NS		NS	
	28-Jun-07	0 700		0 430	U	0 420	U	0 480	U	0 530		0 850	U	0 840		0 450		NS		NS		NS	
	30-Jul-07	0 470		NS		NS		0 850	U	NS		0 470		2 100	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 851	U	NS		2 130	U	NS		NS		NS		0 851	U	0 374		NS	
	20-Sep-07	NS		2 130	U	NS		NS		NS		NS		NS		2 130	U	NS		0 851		1 130	
	9-Oct-07	2 130	U	NS		NS		NS		0 428	U	NS		NS		NS		0 430		NS		0 817	
	7-Nov-07	NS		0 110		NS		NS		NS		0 180		NS		NS		0 340		0 470		NS	
	6-Dec-07	NS		NS		0 100		NS		NS		NS		NS		NS		NS		0 770		0 750	
	8-Jan-08	NS		NS		NS		0 100		NS		NS		NS		NS		0 200		0 320		NS	
	8-Feb-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 300		3 150		NS	
	27-Mar-08	NS		0 100		NS		NS		NS		0 177		NS		NS		NS		0 208		0 404	
	25-Apr-08	NS		NS		0 244		NS		NS		NS		1 070		NS		0 558		NS		0 351	
	29-May-08	NS		NS		NS		0 170		NS		NS		NS		0 300		0 340		0 270		NS	
	27-Jun-08	0 730		NS		NS		NS		0 354		NS		NS		NS		NS		0 598		0 580	
	31-Jul-08	NS		0 278		NS		NS		NS		NS		NS		NS		0 255		NS		0 170	
	28-Aug-08	NS		NS		1 220		NS		NS		NS		0 754		NS		1 020		1 010		NS	
	30-Sep-08	NS		NS		NS		2 100	U	NS		NS		NS		2 100	U	NS		2 100	U	2 100	U
	27-Oct-08	2 100	U	NS		NS		NS		2 100	U	NS		NS		NS		2 100	U	NS		2 100	U
	25-Nov-08	NS		2 100	U	NS		NS		NS		2 100	U	NS		NS		2 100	U	2 100	U	NS	
	18-Dec-08	NS		NS		2 100	U	NS		NS		NS		2 100	U	NS		NS		2 100	U	2 100	U
	21-Jan-09	NS		NS		NS		2 100	U	NS		NS		NS		2 100	U	2 100	U	NS		NS	
	25-Feb-09	2 100	U	NS		NS		2 100	U	NS		NS		NS		NS		2 100	U	NS		2 100	U
	26-Mar-09	NS		0 851	U	NS		NS		NS		1 700	U	NS		NS		NS		0 282		0 361	
	29-Apr-09	NS		NS		0 174		NS		NS		NS		0 085	U	NS		0 088		NS		0 243	
	22-Jul-09	0 426	U	NS		0 426	U	0 831	U	NS		0 426	U	NS		NS		0 800		0 148		NS	
	8-Oct-09	NS		0 085	U	NS		NS		0 088		NS		0 085	U	17 800	U	0 153		NS		0 204	
Tetrachloroethene*	15-Mar-07	610 000	U	580 000	U	580 000	U	580 000	U	580 000	U	230 000	U	80 000	U	250 000	U	NS		NS		NS	
	22-Mar-07	84 700	U	84 700	U	84 700	U	84 700	U	84 700	U	84 700	U	84 700	U	33 900	U	NS		NS		NS	
	26-Apr-07	33 900	U	33 900	U	33 900	U	33 900	U	33 900	U	33 900	U	33 900	U	33 900	U	NS		NS		NS	
	21-May-07	61 700	U	33 900	U	33 900	U	58 900	U	33 900	U	33 900	U	3 380	U	33 900	U	NS		NS		NS	
	28-Jun-07	0 880		0 780		0 750		2 200		6 700		1 400	U	1 000		0 680		NS		NS		NS	
	30-Jul-07	0 810		NS		NS		2 200		NS		1 000		3 400	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 360	U	NS		3 380	U	NS		NS		NS		NS		1 360	U	1 880	
	20-Sep-07	NS		3 380	U	NS		NS		NS		NS		NS		3 380	U	NS		8 370		1 820	
	9-Oct-07	3 380	U	NS		NS		NS		5 730		NS		NS		NS		0 844		NS		0 881	
	7-Nov-07	NS		0 210		NS		NS		NS		0 200		NS		NS		0 480		8 340		NS	
	6-Dec-07	NS		NS		0 380		NS		NS		NS		0 340		NS		NS		2 000		10 700	
	8-Jan-08	NS		NS		NS		3 550		NS		NS		NS		1 200		4 580		NS		2 110	
	8-Feb-08	0 350		NS		NS		NS		0 140	U	NS		NS		NS		0 530		5 650		NS	
	27-Mar-08	NS		0 848		NS		NS		NS		0 875		NS		NS		NS		6 880		5 250	
	25-Apr-08	NS		NS		0 322		NS		NS		NS		NS		0 880		0 830		NS		0 867	
	29-May-08	NS		NS		NS		1 380		NS		NS		NS		NS		0 240		0 300		NS	
	27-Jun-08	1 320		NS		NS		NS		29 400		NS		NS		NS		NS		5 080		1 800	
	31-Jul-08	NS		0 867		NS		NS		NS		NS		NS		NS		0 616		NS		0 572	
	28-Aug-08	NS		NS		1 550		NS		NS		NS		NS		1 520		1 370		6 280		NS	
	30-Sep-08	NS		NS		NS		3 400		NS		NS		NS		3 400	U	NS		8 100		3 400	U
	27-Oct-08	4 200	U	NS		NS		NS		10 000		NS		NS		NS		4 200	U	NS		4 200	U
	25-Nov-08	NS		21 300		NS		NS		NS		4 800		NS		NS		3 400	U	8 800		NS	
	18-Dec-08	NS		NS		3 400	U	NS		NS		NS		NS		3 400	U	NS		NS		3 400	U
	21-Jan-09	NS		NS		NS		3 400	U	NS		NS		NS		NS		3 400	U	3 400	U	3 400	U
	25-Feb-09	3 400	U	NS		NS		NS		8 300		NS		NS		NS		3 400	U	3 700		NS	
	26-Mar-09	NS		1 280		NS		NS		NS		1 360	U	NS		NS		NS		7 110		2 080	
	29-Apr-09	NS		NS		0 271		NS		NS		NS		0 305		NS		0 237		NS		0 681	
	22-Jul-09	1 830		NS		1 830		2 100		NS		3 080		NS		NS		11 800		3 250		NS	
	8-Oct-09	NS		0 556		NS		NS		2 070		NS		0 678		28 300	U	1 170		NS		1 480	

Date Modified 12/23/2009

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	BMP-1	Qual	BMP-2	Qual	BMP-3	Qual
Toluene	15-Mar-07	850 000	U	810 000	U	810 000	U	820 000	U	800 000	U	320 000	U	120 000	U	350 000	U	NS		NS		NS	
	22-Mar-07	47 100	U	47 100	U	47 100	U	47 100	U	47 100	U	47 100	U	47 100	U	18 800	U	NS		NS		NS	
	26-Apr-07	18 800	U	18 800	U	18 800	U	18 800	U	18 800	U	18 800	U	18 800	U	18 800	U	NS		NS		NS	
	21-May-07	34 300	U	26 200		18 800	U	57 300		47 400		18 800	U	1 820		18 800	U	NS		NS		NS	
	29-Jun-07	28 000		3 300		3 300		4 300		4 100		3 000		5 300		4 200		NS		NS		NS	
	30-Jul-07	5 300		NS		NS		2 800		NS		4 800		7 900		NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 240	U	NS		1 880	U	NS		NS		NS		13 100		10 300		NS	
	20-Sep-07	NS		3 000		NS		NS		NS		NS		NS		5 220		NS		57 100		40 000	
	9-Oct-07	7 150		NS		NS		NS		0 998		NS		NS		NS		4 750		NS		34 000	
	7-Nov-07	NS		9 720		NS		NS		NS		1 140		NS		NS		9 340		40 800		NS	
	6-Dec-07	NS		NS		0 810		NS		NS		NS		0 800		NS		NS		21 000		25 300	
	8-Jan-08	NS		NS		NS		2 800		NS		NS		NS		12 800		31 100		NS		20 400	
	6-Feb-08	1 830		NS		NS		NS		1 800		NS		NS		NS		2 720		455 000		NS	
	27-Mar-08	NS		2 240		NS		NS		NS		1 450		NS		NS		NS		11 300		18 100	
	25-Apr-08	NS		NS		1 380		NS		NS		NS		NS		1 340		NS		11 200		21 800	
	29-May-08	NS		NS		NS		7 740		NS		NS		NS		11 800		21 000		63 000		NS	
	27-Jun-08	14 700		NS		NS		NS		2 330		NS		NS		NS		NS		16 800		22 200	
	31-Jul-08	NS		4 150		NS		NS		NS		NS		NS		NS		10 200		NS		6 110	
	28-Aug-08	NS		NS		8 480		NS		NS		NS		NS		3 440		NS		10 000		11 200	
	30-Sep-08	NS		NS		NS		1 800	U	NS		NS		NS		NS		9 100		NS		7 500	
	27-Oct-08	58 500		NS		NS		NS		3 200		NS		NS		NS		NS		8 800		8 200	
	25-Nov-08	NS		7 800		NS		NS		NS		7 800		NS		NS		29 800		14 800		NS	
	18-Dec-08	NS		NS		2 000		NS		NS		NS		1 800	U	NS		NS		4 800		4 800	
	21-Jan-09	NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	1 800	U	NS		1 800	U
	25-Feb-09	7 000		NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	13 800		NS	
	26-Mar-09	NS		3 530		NS		NS		NS		3 820		NS		NS		NS		7 230		8 750	
	29-Apr-09	NS		NS		1 980		NS		NS		NS		0 851		NS		0 149		NS		4 58	
	22-Jul-09	34 700		NS		34 700		2 220		NS		4 710		NS		NS		80 100		5 320		NS	
	9-Oct-09	NS		3 530		NS		NS		3 080		NS		1 070		23 900		3 120		NS		3 670	
trans-1,2-Dichloroethene	15-Mar-07	380 000	U	340 000	U	340 000	U	340 000	U	340 000	U	140 000	U	52 000	U	150 000	U	NS		NS		NS	
	22-Mar-07	49 500	U	49 500	U	49 500	U	49 500	U	49 500	U	49 500	U	49 500	U	19 800	U	NS		NS		NS	
	26-Apr-07	19 800	U	19 800	U	19 800	U	19 800	U	19 800	U	19 800	U	19 800	U	19 800	U	NS		NS		NS	
	21-May-07	35 000	U	19 800	U	19 800	U	34 900	U	19 800	U	19 800	U	1 980	U	19 800	U	NS		NS		NS	
	29-Jun-07	0 400	U	0 400	U	0 400	U	0 400	U	0 400	U	0 780	U	0 400	U	0 400	U	NS		NS		NS	
	30-Jul-07	0 400	U	NS		NS		0 790	U	NS		0 400	U	2 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 792	U	NS		1 980	U	NS		NS		NS		0 792	U	0 879	U	NS	
	20-Sep-07	NS		1 980	U	NS		NS		NS		NS		NS		1 980	U	NS	U	0 879	U	0 879	U
	9-Oct-07	1 980	U	NS		NS		NS		0 396	U	NS		NS		NS		0 879	U	NS		0 879	U
	7-Nov-07	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080		0 080	U	NS	
	6-Dec-07	NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U
	8-Jan-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS		0 080	U
	6-Feb-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS	
	27-Mar-08	NS		0 079	U	NS		NS		NS		0 079	U	NS		NS		NS		0 079	U	0 079	U
	25-Apr-08	NS		NS		0 079	U	NS		NS		NS		0 079	U	NS		0 079	U	NS		0 079	U
	29-May-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	0 080	U	NS	
	27-Jun-08	0 123	U	NS		NS		NS		0 079	U	NS		NS		NS		NS		0 079	U	0 079	U
	31-Jul-08	NS		0 079	U	NS		NS		NS		NS		NS		NS		0 079	U	NS		0 079	U
	28-Aug-08	NS		NS		0 079	U	NS		NS		NS		0 079	U	NS		0 079	U	0 079	U	NS	
	30-Sep-08	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		2 000	U	2 000	U
	27-Oct-08	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		2 000	U
	25-Nov-08	NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U	NS	
	18-Dec-08	NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U
	21-Jan-09	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	2 000	U	NS		2 000	U
	25-Feb-09	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	2 000	U	NS	
	26-Mar-09	NS		0 396	U	NS		NS		NS		0 792	U	NS		NS		NS		0 079	U	0 079	U
	29-Apr-09	NS		NS		0 079	U	NS		NS		NS		0 079	U	NS		0 079	U	NS		0 079	U
	22-Jul-09	0 396	U	NS		0 399	U	0 792	U	NS		0 396	U	NS		NS		0 079	U	0 079	U	NS	
	9-Oct-09	NS		0 079	U	NS		NS		0 079		NS		0 079	U	16 500	U	0 079	U	NS		0 079	U
trans-1,3-Dichloropropene	15-Mar-07	410 000	U	380 000	U	380 000	U	380 000	U	380 000	U	160 000	U	60 000	U	170 000	U	NS		NS		NS	
	22-Mar-07	56 700	U	56 700	U	56 700	U	56 700	U	56 700	U	56 700	U	56 700	U	22 700	U	NS		NS		NS	
	26-Apr-07	22 700	U	22 700	U	22 700	U	22 700	U	22 700	U	22 700	U	22 700	U	22 700	U	NS		NS		NS	
	21-May-07	41 300	U	22 700	U	22 700	U	39 800	U	22 700	U	22 700	U	2 270	U	22 700	U	NS		NS		NS	
	29-Jun-07	0 450	U	0 450	U	0 450	U	0 450	U	0 450	U	0 910	U	0 450	U	0 450	U	NS		NS		NS	
	30-Jul-07	0 450	U	NS		NS		0 910	U	NS		0 450	U	2 300	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		0 907	U	NS		2 270	U	NS		NS		NS		NS		0 881	U	NS	
	20-Sep-07	NS		2 270	U	NS		NS		NS		NS		NS		2 270	U	NS		0 881	U	0 881	U
	9-Oct-07	2 270	U	NS		NS		NS		0 453	U	NS		NS		NS		0 881	U	NS		0 881	
	7-Nov-07	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U	NS	
	6-Dec-07	NS		NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U
	8-Jan-08	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS		0 080	U
	6-Feb-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080	U	0 080	U	NS	
	27-Mar-08	NS		0 091	U	NS		NS		NS		0 091	U	NS		NS		NS		0 091	U	0 091	U
	25-Apr-08	NS		NS		0 091	U	NS		NS		NS		0 091	U	NS		0 091	U	NS		0 091	U
	29-May-08	NS		NS		NS		0 090	U	NS		NS		NS		0 090	U	0 090	U	0 090	U	NS	
	27-Jun-08	0 141	U	NS		NS		NS		0 091	U	NS		NS		NS		NS	U	0 091	U	0 091	U
	31-Jul-08	NS		0 091	U	NS		NS		NS		NS		NS		NS		0 091	U	NS		0 091	U
	28-Aug-08	NS		NS		0 091	U	NS		NS		NS		0 091	U	NS		0 091	U	0 091	U	NS	
	30-Sep-08	NS		NS		NS		0 180	U	NS		NS		NS		NS	U	NS		0 180	U	0 180	U
	27-Oct-08	0 180	U	NS		NS		NS		0 180	U	NS		NS		NS		0 180	U	NS		0 180	U
	25-Nov-08	NS		0 180	U	NS		NS		NS		0 180	U	NS		NS		0 180	U	0 180	U	NS	
	18-Dec-08	NS		NS		0 180	U	NS		NS		NS		0 180	U	NS	U	NS		0 180	U	0 180	U
	21-Jan-09	NS		NS		NS		0 180	U	NS		NS		NS		0 180	U	0 180	U	NS		0 180	U
	25-Feb-09	0 180	U	NS		NS		NS		0 180	U	NS		NS		NS		0 180	U	0 180	U	NS	
	26-Mar-09	NS		0 453	U	NS		NS		NS		0 907	U	NS		NS		NS		0 881	U	0 881	U
	29-Apr-09	NS		NS		0 881	U	NS		NS		NS		0 881	U	NS		0 881	U	NS		0 881	U
	22-Jul-09	0 453	U	NS		0 453	U	0 907	U	NS		0 453	U	NS		NS		0 881	U	0 881	U	NS	
	9-Oct-09	NS		0 079	U	NS		NS		0 091	U	NS		0 091	U	18 900	U	0 091	U	NS		0 091	U

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Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		MP-1		MP-2		MP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Trichloroethene*	15-Mar-07	480 000	U	480 000	U	480 000	U	470 000	U	480 000	U	180 000	U	F1 000	U	200 000	U	NS		NS		NS	
	22-Mar-07	87 100	U	87 100	U	87 100	U	87 100	U	87 100	U	87 100	U	87 100	U	26 800	U	NS		NS		NS	
	26-Apr-07	26 800	U	26 800	U	26 800	U	26 800	U	26 800	U	26 800	U	26 800	U	26 800	U	NS		NS		NS	
	21-May-07	48 900	U	26 800	U	26 800	U	47 200	U	26 800	U	26 800	U	2 680	U	26 800	U	NS		NS		NS	
	29-Jun-07	0 540	U	0 540	U	0 540	U	22 000		100 000		1 100	U	0 820	U	0 540	U	NS		NS		NS	
	30-Jul-07	0 540	U	NS		NS		22 000		NS		0 540	U	2 700	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		1 070	U	NS		2 680	U	NS		NS		NS		1 070	U	8 140		NS	
	20-Sep-07	NS		2 680	U	NS		NS		NS		NS		NS		2 680	U	NS		31 900		4 270	
	9-Oct-07	2 680	U	NS		NS		NS		68 500		NS		NS		NS		1 130		NS		0 822	
	7-Nov-07	NS		0 120		NS		NS		NS		0 110		NS		NS		0 220		34 700		NS	
	6-Dec-07	NS		NS		0 170		NS		NS		NS		NS		NS		0 130		NS		29 700	
	6-Jan-08	NS		NS		NS		45 200		NS		NS		NS		NS		0 680		0 280		NS	
	5-Feb-08	0 120		NS		NS		NS		0 110	U	NS		NS		NS		NS		0 200		18 800	
	27-Mar-08	NS		0 107	U	NS		NS		NS		0 152		NS		NS		NS		NS		13 400	
	25-Apr-08	NS		NS		0 188		NS		NS		NS		1 350		NS		0 868		NB		3 390	
	29-May-08	NS		NS		NB		26 500		NS		NS		NB		0 150		0 370		13 800		NS	
	27-Jun-08	0 408		NS		NS		NS		258 000		NS		NS		NS		NS		13 900		6 580	
	31-Jul-08	NB		1 240		NB		NS		NS		NS		NS		NB		0 126		NB		3 780	
	28-Aug-08	NB		NS		0 558		NS		NS		NS		3 580		NS		0 432		18 400		NS	
	30-Sep-08	NB		NS		NS		56 200		NS		NB		NS		0 800	U	NS		22 700		3 950	
	27-Oct-08	0 800	U	NB		NB		NS		117 000		NB		NS		NB		2 980		NB		0 800	U
	25-Nov-08	NB		2 920		NB		NB		NS		1 880		NB		NB		0 540	U	39 800		NS	
	18-Dec-08	NS		NS		0 540	U	NS		NB		NB		0 540	U	NS		NB		4 580		2 480	
	21-Jan-09	NB		NS		NS		18 800		NS		NS		NB		0 540	U	0 540	U	NS		4 880	
	25-Feb-09	0 440		NS		NS		NS		89 500		NS		NS		NS		0 580		10 700		NB	
	26-Mar-09	NB		0 200		NB		NS		NB		3 880		NS		NS		NS		25 100		5 480	
	29-Apr-09	NB		NS		0 220		NB		NB		NB		1 200		NB		0 392		NB		2 980	
	22-Jul-09	0 537	U	NS		0 537	U	12 700		NS		3 180		NS		NB		0 354		10 300		NS	
	8-Oct-09	NB		0 081	U	NB		NB		26 000		NB		1 240		22 400	U	0 182		NB		3 280	
Trichlorofluoromethane	15-Mar-07	510 000	U	480 000	U	480 000	U	480 000	U	480 000	U	180 000	U	74 000	U	210 000	U	NS		NS		NS	
	22-Mar-07	70 200	U	70 200	U	70 200	U	70 200	U	70 200	U	70 200	U	70 200	U	26 100	U	NS		NS		NS	
	26-Apr-07	28 100	U	28 100	U	28 100	U	28 100	U	28 100	U	28 100	U	28 100	U	NB	U	NS		NS		NS	
	21-May-07	51 100	U	28 100	U	28 100	U	48 400	U	28 100	U	28 100	U	2 810	U	28 100	U	NS		NS		NS	
	29-Jun-07	1 300		1 500		1 200		52 000		33 000		1 400		3 800		1 300		NS		NS		NS	
	30-Jul-07	1 700		NS		NS		52 000		NS		1 700		3 800		NS		NS		NS		NS	
	22-Aug-07	NS		NS		2 810	U	NS		7 020	U	NS		NS		NS		2 810	U	11 200		NS	
	20-Sep-07	NS		7 020	U	NB		NS		NS		NS		NS		7 020	U	NB		42 400		18 500	
	9-Oct-07	7 020	U	NB		NS		NS		46 400		NS		NS		NS		1 480		NS		3 830	
	7-Nov-07	NS		2 030		NB		NB		NS		NS		NS		NS		1 580		40 800		NS	
	6-Dec-07	NS		NS		2 100		NB		NS		NS		NS		NS		NS		14 100		24 100	
	6-Jan-08	NB		NS		NS		26 500		NS		NS		NS		NS		1 780		1 780		NS	
	5-Feb-08	1 220		NB		NS		NS		1 220		NS		NS		NS		1 080		15 800		NB	
	27-Mar-08	NB		1 275		NB		NB		NS		1 180		NS		NS		NS		12 000		9 020	
	25-Apr-08	NS		NS		1 180		NB		NS		NS		5 200		NB		1 880		NS		3 830	
	29-May-08	NB		NS		NS		33 500		NS		NS		NS		0 980		1 050		10 900		NS	
	27-Jun-08	1 280		NS		NS		NS		75 200		NS		NS		NS		NS		8 850		8 880	
	31-Jul-08	NS		1 010		NB		NB		NS		NS		NS		NS		0 858		NS		5 100	
	28-Aug-08	NS		NB		2 530		NB		NS		NS		18 000		NS		1 780		15 800		NS	
	30-Sep-08	NB		NS		NB		53 800		NS		NS		NS		2 800	U	NB		14 500		10 400	
	27-Oct-08	2 800	U	NS		NS		NS		44 400		NS		NS		NS		6 100		NS		2 800	U
	25-Nov-08	NS		10 000		NB		NB		NS		12 200		NB		NS		2 800	U	34 000		NB	
	18-Dec-08	NS		NS		2 800	U	NB		NS		NS		4 900		NS		NS		4 800		7 100	
	21-Jan-09	NS		NS		NB		26 900		NB		NS		NS		7 200		2 800	U	NS		10 400	
	25-Feb-09	2 800	U	NS		NB		NS		14 800		NB		NS		NS		2 800	U	7 100		NS	
	26-Mar-09	NS		1 430		NB		NB		NS		2 810	U	NS		NB		NB		18 800		10 300	
	29-Apr-09	NB		NS		1 450		NB		NS		NB		4 230		NS		1 270		NB		3 170	
	22-Jul-09	1 480		NB		1 480		19 800		NS		3 420		NB		NB		1 280		6 480		NB	
	8-Oct-09	NB		0 158		NB		NB		20 000		NB		11 000		58 800	U	1 85		NB		8 370	
Vinyl chloride*	15-Mar-07	230 000	U	220 000	U	220 000	U	220 000	U	220 000	U	88 000	U	34 000	U	96 000	U	NS		NS		NB	
	22-Mar-07	31 900	U	31 900	U	31 900	U	31 900	U	31 900	U	31 900	U	31 900	U	12 800	U	NS		NS		NB	
	26-Apr-07	12 800	U	12 800	U	12 800	U	12 800	U	12 800	U	12 800	U	12 800	U	12 800	U	NB		NB		NB	
	21-May-07	23 200	U	12 800	U	12 800	U	22 500	U	12 800	U	12 800	U	1 280	U	12 800	U	NB		NB		NB	
	29-Jun-07	0 280	U	0 280	U	0 280	U	0 280	U	0 280	U	0 510	U	0 280	U	0 280	U	NB		NB		NB	
	30-Jul-07	0 280	U	NB		NB		0 510	U	NB		0 280	U	1 300	U	NB		NB		NB		NB	
	22-Aug-07	NB		NB		0 511	U	NB		1 280	U	NB		NB		NB		0 510	U	0 050	U	NB	
	20-Sep-07	NB		1 280	U	NB		NB		NB		NB		NB		NB	U	NB		0 050	U	0 050	U
	9-Oct-07	1 280	U	NB		NB		NB		0 255	U	NB		NB		NB		0 051	U	NB		0 051	U
	7-Nov-07	NB		0 050	U	NB		NB		NB		0 050	U	NB		NB		0 050	U	0 050	U	NB	
	6-Dec-07	NB		NB		0 050	U	NB		NB		NB		0 050	U	NB		NB		0 050	U	0 050	U
	6-Jan-08	NB		NB		NB		0 050	U	NB		NB		NB		0 050	U	NB		0 050	U	0 050	U
	5-Feb-08	0 050	U	NB		NB		NB		0 050	U	NB		NB		NB		0 050	U	0 050	U	NB	
	27-Mar-08	NB		0 051	U	NB		NB		NB		0 051	U	NB		NB		0 051	U	0 051	U	0 051	U
	25-Apr-08	NB		NB		0 051	U	NB		NB		NB		NB		0 750		NB		0 051	U	0 051	U
	29-May-08	NB		NB		NB		0 050	U	NB		NB		NB		NB		0 050	U	0 050	U	NB	
	27-Jun-08	0 280	U	NB		NB		NB		0 051	U	NB		NB		NB		NB		0 051	U	0 051	U
	31-Jul-08	NB		0 051	U	NB		NB		NB		NB		NB		NB		0 051	U	NB		0 051	U
	28-Aug-08	NB		NB		0 051	U	NB		NB		NB		NB		0 051	U	NB		0 051	U	NB	
	30-Sep-08	NB		NB		NB		0 100	U	NB		NB		NB		0 100	U	NB		0 100	U	0 100	U
	27-Oct-08	0 100	U	NB		NB		NB		0 100	U	NB		NB		NB		0 100	U	NB		0 100	U
	25-Nov-08	NB		0 100	U	NB		NB		NB		0 100	U	NB		NB		0 100	U	0 100	U	NB	
	18-Dec-08	NB		NB		0 100	U	NB		NB		NB		NB		0 100	U	NB		0 100	U	0 100	U
	21-Jan-09	NB		NB		NB		0 100	U	NB		NB		NB		0 100	U	NB		0 100	U	0 100	U
	25-Feb-09	0 100	U	NB		NB		NB		0 100	U	NB		NB		NB		0 100	U	0 100	U	NB	
	26-Mar-09	NB		0 255	U	NB		NB		NB		0 511	U	NB		NB		NB		0 051	U	0 051	U
	29-Apr-09	NB		NB		0 051		NB		NB		NB		0 051	U	NB		0 051	U	NB		0 051	U
	22-Jul-09	0 255	U	NB		0 255	U	0 511	U	NB		0 255	U	NB		NB		0 051	U	0 051	U	NB	
	8-Oct-09	NB		1 720		NB		NB		0 051	U	NB		0 102		10 700	U	0 051	U	NB		0 051	U

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Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Acrylonitrile	15-Mar-07	4800 000	U	4700 000	U	4700 000	U	4700 000	U	4800 000	U	1900 000	U	720 000	U	2000 000	U	NS		NS		NS	
	22-Mar-07	27 100	U	27 100	U	27 100	U	27 100	U	27 100	U	27 100	U	10 800	U	10 800	U	NS		NS		NS	
	26-Apr-07	10 800	U	10 800	U	10 800	U	10 800	U	10 800	U	10 800	U	10 800	U	10 800	U	NS		NS		NS	
	21-May-07	18 700	U	10 800	U	10 800	U	18 100	U	10 800	U	10 800	U	1 080	U	10 800	U	NS		NS		NS	
	29-Jun-07	5 400	U	5 400	U	5 400	U	5 400	U	5 400	U	11 000	U	5 400	U	5 400	U	NS		NS		NS	
	30-Jul-07	5 400	U	NS		NS		11 000	U	NS		5 400	U	27 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		10 800	U	NS		27 100	U	NS		NS		NS		10 800	U	1 080	U	NS	
	20-Sep-07	NS		27 100	U	NS		NS		NS		NS		NS		27 100	U	NS		1 080	U	1 080	U
	9-Oct-07	27 100	U	NS		NS		NS		5 420	U	NS		NS		NS		1 080	U	NS		1 080	U
	7-Nov-07	NS		1 080	U	NS		NS		NS		1 080	U	NS		NS		1 080	U	1 080	U	NS	
	6-Dec-07	NS		NS		1 080	U	NS		NS		NS		1 080	U	NS		NS		1 080	U	1 080	U
	8-Jan-08	NS		NS		NS		1 080	U	NS		NS		NS		1 080	U	1 080	U	NS		1 080	U
	8-Feb-08	1 080	U	NS		NS		NS		1 080	U	NS		NS		NS		NS		1 080	U	NS	
	27-Mar-08	NS		1 080	U	NS		NS		NS		NS		NS		NS		NS		1 080	U	1 080	U
	25-Apr-08	NS		NS		1 080	U	NS		NS		NS		1 080	U	NS		1 080	U	NS		NS	
	29-May-08	NS		NS		NS		1 080	U	NS		NS		NS		NS		1 080	U	1 080	U	1 080	U
	27-Jun-08	1 080	U	NS		NS		NS		1 080	U	NS		NS		NS		NS		1 080	U	NS	
	31-Jul-08	NS		1 080	U	NS		NS		NS		NS		NS		NS		1 080	U	NS		1 080	U
	28-Aug-08	NS		NS		1 080	U	NS		NS		NS		1 080	U	NS		1 080	U	1 080	U	NS	
	30-Sep-08	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		2 200	U	2 200	U
	27-Oct-08	2 200	U	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		2 200	U
	25-Nov-08	NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U	2 200	U	NS	
	18-Dec-08	NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U	2 200	U
	21-Jan-09	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	2 200	U	NS		2 200	U
	25-Feb-09	2 200	U	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	2 200	U	NS	
	26-Mar-09	NS		5 420	U	NS		NS		NS		10 800	U	NS		NS		NS		1 080	U	1 080	U
	29-Apr-09	NS		NS		1 080	U	NS		NS		NS		1 080	U	NS		1 080	U	NS		1 080	U
	22-Jul-09	5 420	U	NS		5 420	U	10 800	U	NS		5 420	U	NS		1 080	U	1 080	U	1 080	U	NS	
	9-Oct-09	NS		0 351	U	NS		NS		1 080	U	NS		1 080	U	2361 000	U	1 080	U	NS		1 080	U
n-Butylbenzene	15-Mar-07	12000 000	U	12000 000	U	12000 000	U	12000 000	U	12000 000	U	4700 000	U	1800 000	U	5100 000	U	NS		NS		NS	
	22-Mar-07	68 800	U	68 800	U	68 800	U	68 800	U	68 800	U	68 800	U	68 800	U	27 400	U	NS		NS		NS	
	26-Apr-07	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	NS		NS		NS	
	21-May-07	49 900	U	27 400	U	27 400	U	48 300	U	27 400	U	27 400	U	2 740	U	27 400	U	NS		NS		NS	
	29-Jun-07	5 500	U	5 500	U	5 500	U	5 500	U	5 500	U	11 000	U	5 500	U	5 500	U	NS		NS		NS	
	30-Jul-07	14 000	U	NS		NS		27 000	U	NS		14 000	U	68 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		27 400	U	NS		68 800	U	NS		NS		NS		27 400	U	2 740	U	NS	
	20-Sep-07	NS		68 800	U	NS		NS		NS		NB		NB		68 800	U	NS		2 740	U	2 740	U
	9-Oct-07	68 800	U	NS		NS		NS		13 700	U	NS		NS		NS		2 740	U	NS		2 740	U
	7-Nov-07	NS		2 740	U	NS		NS		NS		2 740	U	NS		NS		2 740	U	2 740	U	NS	
	6-Dec-07	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		NS		2 740	U	2 740	U
	8-Jan-08	NS		NS		NS		2 740	U	NS		NS		NS		2 740	U	2 740	U	NS		2 740	U
	8-Feb-08	2 740	U	NS		NS		NS		2 740	U	NS		NS		NS		2 740	U	2 740	U	NS	
	27-Mar-08	NS		2 740	U	NS		NS		NS		NS		NS		NS		NS		2 740	U	2 740	U
	25-Apr-08	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		2 740	U	NS		2 740	U
	29-May-08	NS		NS		NS		2 740	U	NS		NS		NS		2 740	U	2 740	U	2 740	U	NS	
	27-Jun-08	4 270	U	NS		NS		NS		2 740	U	NS		NS		NS		NS		2 740	U	2 740	U
	31-Jul-08	NS		2 740	U	NS		NS		NS		NS		NS		NS		2 740	U	NS		2 740	U
	28-Aug-08	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		2 740	U	2 740	U	NS	
	30-Sep-08	NS		NS		NS		5 500	U	NS		NS		NS		5 500	U	NS		5 500	U	5 500	U
	27-Oct-08	22 100		NS		NS		NS		5 500	U	NS		NS		NS		12 800		NS		5 500	U
	25-Nov-08	NS		5 500	U	NS		NS		NS		5 500	U	NS		NS		5 500	U	11 500		NS	
	18-Dec-08	NS		NS		5 500	U	NS		NS		NS		5 500	U	NS		NS		5 500	U	5 500	U
	21-Jan-09	NS		NS		NS		5 500	U	NS		NS		NS		5 500	U	5 500	U	NS		5 500	U
	25-Feb-09	5 500	U	NS		NS		NS		5 500	U	NS		NS		NS		5 500	U	5 500	U	NS	
	26-Mar-09	NS		13 700	U	NS		NS		NS		27 400	U	NS		NS		NS		2 740	U	2 740	U
	29-Apr-09	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		2 740	U	NS		2 740	U
	22-Jul-09	13 700	U	NS		13 700	U	27 400	U	NS		13 700	U	NS		NS		2 740	U	2 740	U	NS	
	9-Oct-09	NS		1 080	U	NS		NS		2 740	U	NS		2 740	U	573 000	U	2 740	U	NS		2 740	U
sec-Butylbenzene	15-Mar-07	11000 000	U	11000 000	U	11000 000	U	11000 000	U	10000 000	U	4700 000	U	1800 000	U	4800 000	U	NS		NS		NS	
	22-Mar-07	65 800	U	65 800	U	65 800	U	65 800	U	65 800	U	65 800	U	65 800	U	27 400	U	NS		NS		NS	
	26-Apr-07	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	27 400	U	NS		NS		NS	
	21-May-07	49 900	U	27 400	U	27 400	U	48 300	U	27 400	U	27 400	U	2 740	U	27 400	U	NS		NS		NS	
	29-Jun-07	12 000	U	12 000	U	12 000	U	12 000	U	12 000	U	25 000	U	12 000	U	12 000	U	NS		NS		NS	
	30-Jul-07	12 000	U	NS		NS		25 000	U	NS		12 000	U	61 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		27 400	U	NS		65 800	U	NS		NS		NS		27 400	U	2 740	U	NS	
	20-Sep-07	NS		65 800	U	NS		NS		NS		NS		NS		65 800	U	NS		2 740	U	2 740	U
	9-Oct-07	65 800	U	NS		NS		NS		13 700	U	NS		NS		NS		2 740	U	NS		2 740	U
	7-Nov-07	NS		2 740	U	NS		NS		NS		2 740	U	NS		NS		2 740	U	2 740	U	NS	
	6-Dec-07	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		NS		2 740	U	2 740	U
	8-Jan-08	NS		NS		NS		2 740	U	NS		NS		NS		2 740	U	2 740	U	NS		2 740	U
	8-Feb-08	2 740	U	NS		NS		NS		2 740	U	NS		NS		NS		2 740	U	2 740	U	NS	
	27-Mar-08	NS		2 740	U	NS		NS		NS		NS		NS		NS		NS		2 740	U	2 740	U
	25-Apr-08	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		2 740	U	NS		2 740	U
	29-May-08	NS		NS		NS		2 740	U	NS		NS		NS		2 740	U	2 740	U	2 740	U	NS	
	27-Jun-08	4 270	U	NS		NS		NS		2 740	U	NS		NS		NS		NS		2 740	U	2 740	U
	31-Jul-08	NS		2 740	U	NS		NS		NS		NS		NS		NS		2 740	U	NS		2 740	U
	28-Aug-08	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		2 740	U	2 740	U	NS	
	27-Oct-08	NS		NS		NS		5 500	U	NS		NS		NS		NS		5 500	U	NS		5 500	U
	27-Oct-08	5 500	U	NS		NS		NS		5 500	U	NS		NS		NS		5 500	U	NS		5 500	U
	25-Nov-08	NS		5 500	U	NS		NS		NS		5 500	U	NS		NS		5 500	U	5 500	U	NS	
	18-Dec-08	NS		NS		5 500	U	NS		NS		NS		5 500	U	NS		NS		5 500	U	5 500	U
	21-Jan-09	NS		NS		NS		5 500	U	NS		NS		NS		5 500	U	5 500	U	NS		5 500	U
	25-Feb-09	5 500	U	NS		NS		NS		5 500	U	NS		NS		NS		5 500	U	5 500	U	NS	
	26-Mar-09	NS		13 700	U	NS		NS		NS		27 400	U	NS		NS		NS		2 740	U	2 740	U
	29-Apr-09	NS		NS		2 740	U	NS		NS		NS		2 740	U	NS		2 740	U	NS		2 740	U
	22-Jul-09	13 700	U	NS		13 700	U	27 400	U	NS		13 700	U	NS		573 000	U	2 740	U	2 740	U	NS	
	9-Oct-09	NS		2 740	U	NS		NS		2 740		NS		2 740	U								

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Isopropylbenzene	15-Mar-07	11000.000	U	11000.000	U	11000.000	U	11000.000	U	10000.000	U	4200.000	U	1800.000	U	4800.000	U	NS		NS		NS	
	22-Mar-07	81.400	U	81.400	U	81.400	U	81.400	U	81.400	U	81.400	U	81.400	U	24.800	U	NS		NS		NS	
	26-Apr-07	24.800	U	24.800	U	24.800	U	24.800		24.800	U	24.800	U	24.800	U	24.800	U	NS		NS		NS	
	21-May-07	44.700	U	24.800	U	24.800	U	43.200	U	24.800	U	24.800	U	2.480	U	24.800	U	NS		NS		NS	
	29-Jun-07	12.000	U	12.000	U	12.000	U	12.000	U	12.000	U	25.000	U	12.000	U	12.000	U	NS		NS		NS	
	30-Jul-07	12.000	U	NS		NS		25.000	U	NS		12.000	U	81.000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		24.800	U	NS		81.400	U	NS		NS		NS		24.800	U	2.480	U	NS	
	20-Sep-07	NS		81.400	U	NS		NS		NS		NS		NS		81.400	U	NS		2.480	U	2.480	U
	9-Oct-07	81.400	U	NS		NS		NS		12.300	U	NS		NS		NS		2.480	U	NS		2.480	U
	7-Nov-07	NS		2.480	U	NS		NS		NS		2.480	U	NS		NS		2.480	U	2.480	U	NS	
	6-Dec-07	NS		NS		2.480	U	NS		NS		NS		2.480	U	NS		NS		2.480	U	2.480	U
	8-Jan-08	NS		NS		NS		2.480	U	NS		NS		NS		2.480	U	2.480	U	NS		2.480	U
	6-Feb-08	2.480	U	NS		NS		NS		2.480	U	NS		NS		NS		2.480	U	2.480	U	NS	
	27-Mar-08	NS		2.480	U	NS		NS		NS		NS		NS		NS		NS		2.480	U	2.480	U
	25-Apr-08	NS		NS		2.480	U	NS		NS		NS		2.480	U	NS		2.480	U	NS		2.480	U
	29-May-08	NS		NS		NS		3.480	U	NS		NS		NS		NS		2.480	U	2.480	U	NS	
	27-Jun-08	3.830	U	NS		NS		NS		2.480	U	NS		NS		NS		NS		2.480	U	2.480	U
	31-Jul-08	NS		2.480	U	NS		NS		NS		NS		NS		NS		2.480	U	NS		2.480	U
	28-Aug-08	NS		NS		2.480	U	NS		NS		NS		2.480	U	NS		2.480	U	2.480	U	NS	
	30-Sep-08	NS		NS		NS		4.900	U	NS		NS		NS		NS		4.900	U	NS		4.900	U
	27-Oct-08	5.700		NS		NS		NS		4.900	U	NS		NS		NS		4.900	U	NS		4.900	U
	25-Nov-08	NS		4.900	U	NS		NS		NS		4.900	U	NS		NS		5.800	U	4.900	U	NS	
	18-Dec-08	NS		NS		4.900	U	NS		NS		NS		4.900	U	NS		NS		4.900	U	4.900	U
	21-Jan-09	NS		NS		NS		4.900	U	NS		NS		NS		4.900	U	4.900	U	NS		4.900	U
	25-Feb-09	4.900	U	NS		NS		NS		4.900	U	NS		NS		NS		4.900	U	4.900	U	NS	
	26-Mar-09	NS		12.300	U	NS		NS		NS		24.800	U	NS		NS		NS		2.480	U	2.480	U
	29-Apr-09	NS		NS		2.480	U	NS		NS		NS		2.480	U	NS		2.480	U	NS		2.480	U
	22-Jul-09	12.300	U	NS		12.300	U	24.800	U	NS		12.300	U	NS		NS		3.760		2.480	U	NS	
	8-Oct-09	NS		2.740	U	NS		NS		2.480	U	NS		2.480	U	513.000	U	2.480	U	NS		2.480	U
p-Isopropyltoluene	15-Mar-07	12000.000	U	12000.000	U	12000.000	U	12000.000	U	12000.000	U	4700.000	U	1800.000	U	5100.000	U	NS		NS		NS	
	22-Mar-07	88.800	U	88.800	U	88.800	U	88.800	U	88.800	U	88.800	U	88.800	U	27.400	U	NS		NS		NS	
	26-Apr-07	27.400	U	27.400	U	27.400	U	27.400	U	27.400	U	27.400	U	27.400	U	27.400	U	NS		NS		NS	
	21-May-07	49.900	U	27.400	U	27.400	U	48.300	U	27.400	U	27.400	U	2.740	U	27.400	U	NS		NS		NS	
	29-Jun-07	1.100	U	1.100	U	1.100	U	1.100	U	1.100	U	2.200	U	1.100	U	1.100	U	NS		NS		NS	
	30-Jul-07	14.000	U	NS		NS		27.000	U	NS		14.000	U	88.000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		27.400	U	NS		88.800	U	NS		NS		NS		NS		27.400	U	NS	
	20-Sep-07	NS		88.800	U	NS		NS		NS		NS		NS		NS		NS		2.740	U	2.740	U
	9-Oct-07	88.800	U	NS		NS		NS		13.700	U	NS		NS		NS		NS		2.740	U	NS	
	7-Nov-07	NS		2.740	U	NS		NS		NS		2.74	U	NS		NS		NS		2.740	U	2.740	U
	6-Dec-07	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		NS		2.740	U	2.740	U
	8-Jan-08	NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	2.740	U	NS		2.740	U
	6-Feb-08	2.740	U	NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	2.740	U	NS	
	27-Mar-08	NS		2.740	U	NS		NS		NS		NS		NS		NS		NS		2.740	U	2.740	U
	25-Apr-08	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	29-May-08	NS		NS		NS		2.740	U	NS		NS		NS		NS		2.740	U	2.740	U	NS	
	27-Jun-08	4.270	U	NS		NS		NS		2.740	U	NS		NS		NS		NS		2.740	U	2.740	U
	31-Jul-08	NS		2.740	U	NS		NS		NS		NS		NS		NS		2.740	U	NS		2.740	U
	28-Aug-08	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	2.740	U	NS	
	30-Sep-08	NS		NS		NS		5.500	U	NS		NS		NS		5.500	U	NS		5.500	U	5.500	U
	27-Oct-08	12.500		NS		NS		NS		5.500	U	NS		NS		NS		18.500		NS		5.500	U
	25-Nov-08	NS		5.500	U	NS		NS		NS		5.500	U	NS		NS		5.500	U	5.500	U	NS	
	18-Dec-08	NS		NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		5.500	U	5.500	U
	21-Jan-09	NS		NS		NS		5.500	U	NS		NS		NS		5.500	U	5.500	U	NS		5.500	U
	25-Feb-09	5.500	U	NS		NS		NS		5.500	U	NS		NS		NS		5.500	U	5.500	U	NS	
	26-Mar-09	NS		13.700	U	NS		NS		NS		27.400	U	NS		NS		NS		2.740	U	2.740	U
	29-Apr-09	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	22-Jul-09	13.700	U	NS		13.700	U	27.400	U	NS		13.700	U	NS		NS		2.740	U	2.740	U	NS	
	8-Oct-09	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	573.000	U	2.740	U	NS		2.740	U
Acetone	15-Mar-07	2000000.000		2400000.000		1300000.000		1800000.000		250000.000		2300000.000		81000.000		1200000.000		NS		NS		NS	
	22-Mar-07	44100.000		93400.000		563000.000		55500.000		54700.000		1520000.000		2340.000		50100.000		NS		NS		NS	
	26-Apr-07	1850.000		1300.000		14100.000		1380.000		2160.000		30000.000		188.000		11000.000		NS		NS		NS	
	21-May-07	824.000		1240.000		5100.000		781.000		2380.000		2740.000		13.700		2750.000		NS		NS		NS	
	29-Jun-07	480.000		410.000		1100.000		770.000		1000.000		4700.000		170.000		1800.000		NS		NS		NS	
	30-Jul-07	380.000		NS		NS		14000.000		NS		3100.000		180.000		NS		NS		NS		NS	
	22-Aug-07	NS		NS		448.000		NS		388.000		NS		NS		NS		47.500	U	32.700		NS	
	20-Sep-07	NS		1100.000		NS		NS		NS		NS		NS		463.000		NS		19.300		23.500	
	9-Oct-07	119.000		NS		NS		NS		88.400		NS		NS		NS		12.800		NS		16.500	
	7-Nov-07	NS		43.700		NS		NS		NS		255.000		NS		NS		5.210		8.100		NS	
	6-Dec-07	NS		NS		25.200		NS		NS		NS		14.000		NS		NS		11.300		10.100	
	8-Jan-08	NS		NS		NS		40.700		NS		NS		NS		88.500		10.700		NS		5.850	
	6-Feb-08	12.200		NS		NS		NS		4.750	U	NS		NS		NS		5.820		11.400		NS	
	27-Mar-08	NS		28.700		NS		NS		NS		NS		NS		NS		NS		217.000		12.400	
	25-Apr-08	NS		NS		188.000		NS		NS		NS		513.000		NS		34.000		NS		33.900	
	29-May-08	NS		NS		NS		40.800		NS		NS		NS		92.000		9.820		18.400		NS	
	27-Jun-08	107.000		NS		NS		NS		145.000		NS		NS		NS		NS		20.400		8.730	
	31-Jul-08	NS		101.000		NS		NS		NS		NS		NS		NS		14.400		NS		15.100	
	28-Aug-08	NS		NS		1130.000		NS		NS		NS		30.800		NS		46.000		47.800		NS	
	30-Sep-08	NS		NS		NS		32.800		NS		NS		NS		44.100		NS		9.400		12.800	
	27-Oct-08	18.800		NS		NS		NS		15.000		NS		NS		NS		17.800		NS		33.300	
	25-Nov-08	NS		148.000		NS		NS		NS		183.000		NS		NS		13.000		24.700		NS	
	18-Dec-08	NS		NS		856.000		NS		NS		NS		15.400		NS		NS		37.200		22.000	
	21-Jan-09	NS		NS		NS		18.100		NS		NS		NS		6.100		2.400	U	NS		4.800	
	25-Feb-09	28.800		NS		NS		NS		60.900		NS		NS		NS		8.500		8.300		NS	
	26-Mar-09	NS		102.000		NS		NS		NS		47.500	U	NS		NS		NS		50.800		84.800	
	29-Apr-09	NS		NS		1890.000		NS		NS		NS		33.300		NS		5.150		NS		22.100	
	22-Jul-09	58.800		NS		58.5		148.000		NS		87.800		NS		NS		88.000		89.100		NS	
	8-Oct-09	NS		25.700		NS		NS		48.700		NS		9.200		11100.000		8.510		NS		18.800	
2-Butanone	15-Mar-07	19000000.000		18000000.000		6000000.000		16000000.000		3600000.000		6500000.000		700000.000		6700000.000		NS		NS		NS	

Date Modified 12/23/2009

Summary of Sub-Slab Air Sampling Data - Adelaide Avenue School Project - Volatile Organic Compounds
March 2007 - October 2009

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	22-Mar-07	505000 000		1160000 000		3580000 000		742000 000		738000 000		5120000 000		51800 000		357000 000		NS		NS		NS	
	26-Apr-07	28200 000		15100 000		67800 000		18000 000		27200 000		82000 000		2620 000		43000 000		NS		NS		NS	
	21-May-07	29500 000		4360 000		13600 000		14100 000		15800 000		10700 000		1 470	U	10200 000		NS		NS		NS	
	28-Jun-07	7100 000		8200 000		8300 000		11000 000		9400 000		21000 000		2200 000		12000 000		NS		NS		NS	
	30-Jul-07	4900 000		NS		NS		180000 000		NS		13000 000		2800 000		NS		NS		NS		NS	
	22-Aug-07	NS		NS		2610 000		NS		3900 000		NS		NS		NS		14 700	U	3 540		NS	
	20-Sep-07	NS		14800 000		NS		NS		NS		NS		NS		2700 000		NS		7 710		8 510	
	9-Oct-07	2900 000		NS		NS		NS		512 000		NS		NS		NS		4 520		NS		10 800	
	7-Nov-07	NS		277 000		NS		NS		NS		677 000		NS		NS		2 740		2 480		NS	
	6-Dec-07	NS		NS		49 400		NS		NS		NS		36 800		NS		NS		33 400		22 800	
	8-Jan-08	NS		NS		NS		331 000		NS		NS		NS		568 000		1 770		NS		1 470	U
	8-Feb-08	126 000		NS		NS		NS		1 470	U	NS		NS		NS		NS		10 800		NS	
	27-Mar-08	NS		226 000		NS		NS		NS		NS		NS		NS		NS		11 800		3 800	
	25-Apr-08	NS		NS		477 000		NS		NS		NS		1880 000		NS		2 240		NS		1 470	U
	29-May-08	NS		NS		NS		927 000		NS		NS		NS		581 000		2 270		3 040		NS	
	27-Jun-08	1080 000		NS		NS		NS		598 000		NS		NS		NS		NS		9 920		3 840	
	31-Jul-08	NS		1350 000		NS		NS		NS				NS		NS		12 000		NS		2 580	
	28-Aug-08	NS		NS		8380 000		NS		NS		NS		102 000		NS		5 290		9 180		NS	
	30-Sep-08	NS		NS		NS		101 000		NS		NS		NS		194 000		NS		2 000		1 500	U
	27-Oct-08	53 500		NS		NS		NS		30 500		NS		NS		NS		2 400		NS		5 700	
	25-Nov-08	NS		802 000		NS		NS		NS		258 000		NS		NS		1 800		2 400		NS	
	18-Dec-08	NS		NS		5830 000		NS		NS		NS		8 300		NS		NS		2 800		3 300	
	21-Jan-09	NS		NS		NS		208 000		NS		NS		NS		24 000		1 500	U	NS		1 500	U
	25-Feb-09	30 000		NS		NS		NS		188 000		NS		NS		NS		1 500	U	1 500	U	NS	
	26-Mar-09	NS		828 000		NS		NS		NS		29 100		NS		NS		NS		2 880		3 020	
	29-Apr-09	NS		NS		12400 000		NS		NS		NS		36 100		NS		1 470	U	NS		3 080	
	22-Jul-08	433 000		NS		433 000		410 000		NS		151 000		NS		NS		21 800		2 800		NS	
	9-Oct-09	NS		288 000		NS		NS		1 470	U	NS		18 100		22700 000		2 750		NS		12 800	
4-Methyl-2-pentanone	15-Mar-07	9200 000	U	9400 000	U	9400 000	U	9800 000	U	9700 000	U	3500 000	U	1400 000	U	3400 000	U	NS		NS		NS	
	22-Mar-07	51 200	U	51 200	U	51 200	U	51 200	U	51 200	U	51 200	U	51 200	U	20 500	U	NS		NS		NS	
	26-Apr-07	20 500	U	20 500	U	20 500	U	20 500	U	20 500	U	20 500	U	20 500	U	20 500	U	NS		NS		NS	
	21-May-07	37 200	U	20 500	U	20 500	U	38 000	U	20 500	U	20 500	U	2 050	U	20 500	U	NS		NS		NS	
	28-Jun-07	10 000	U	10 000	U	10 000	U	10 000	U	10 000	U	20 000	U	10 000	U	10 000	U	NS		NS		NS	
	30-Jul-07	10 000	U	NS		NS		20 000	U	NS		10 000	U	51 000	U	NS		NS		NS		NS	
	22-Aug-07	NS		NS		20 500	U	NS		51 200	U	NS		NS		NS		NS		20 500	U	2 050	U
	20-Sep-07	NS		51 200	U	NS		NS		NS		NS		NS		51 200	U	NB		2 050	U	2 050	U
	9-Oct-07	51 200	U	NS		NS		NS		10 200	U	NS		NS		NS		NS		2 050	U	NS	
	7-Nov-07	NS		2 050	U	NS		NS		NS		2 050	U	NS		NS		NS		2 050	U	2 080	
	6-Dec-07	NS		NS		2 050	U	NS		NS		NS		2 050	U	NS		NS		NB		2 050	U
	8-Jan-08	NS		NS		NS		2 050	U	NB		NS		NS		2 050	U	2 050	U	NS		2 050	U
	8-Feb-08	2 050	U	NS		NS		NS		2 050	U	NS		NS		NS		NS		2 050	U	6 700	
	27-Mar-08	NS		2 050	U	NS		NS		NS		NS		NS		NS		NS		NS		15 200	
	25-Apr-08	NS		NS		2 050	U	NS		NS		NS		2 050	U	NS		2 050	U	NS		2 050	U
	29-May-08	NS		NS		NS		2 050	U	NS		NS		NS		2 050	U	2 050	U	NS		NS	
	27-Jun-08	3 180	U	NS		NS		NS		2 050	U	NS		NS		NS		NS		2 050	U	2 050	U
	31-Jul-08	NS		2 050	U	NS		NS		NS		NS		NB		NS		2 050	U	NS		2 050	U
	28-Aug-08	NS		NS		2 050	U	NS		NS		NS		2 050	U	NS		2 050	U	2 050	U	NS	
	30-Sep-08	NS		NS		NS		2 000	U	NS		NS		NB		2 000	U	NS		2 000	U	2 000	U
	27-Oct-08	2 000	U	NS		NB		NS		2 000	U	NS		NB		NS		2 000	U	NS		2 000	U
	25-Nov-08	NS		3 500		NS		NS		NS		NS		NB		NS		2 000	U	2 000	U	NS	
	18-Dec-08	NS		NS		2 000	U	NS		NS		NS		NB		NS		NS		2 000	U	2 000	U
	21-Jan-09	NS		NS		NS		2 000	U	NS		NS		NB		2 000	U	2 000	U	NS		2 000	U
	25-Feb-09	2 000	U	NS		NS		NS		2 000	U	NS		NB		NS		2 000	U	2 000	U	NB	
	26-Mar-09	NS		10 200	U	NS		NS		NS		20 500	U	NS		NS		NS		2 050	U	2 050	U
	29-Apr-09	NS		NS		2 050	U	NS		NS		NS		2 050	U	NS		2 050	U	NS		2 050	U
	22-Jul-08	10 200	U	NS		10 200	U	20 500	U	NS		10 200	U	NB		NS		2 050	U	2 050	U	NB	
	9-Oct-09	NS		2 050	U	NS		NS		2 050	U	NS		2 050	U	427 000	U	2 050	U	NB		2 050	U

Notes
All data presented in micrograms per cubic meter (ug/m3)
U designation indicates that the compound was not detected by the laboratory Reporting limit shown in the data column
NS not sampled
* = Site Specific Compound of Concern per ATSDR Health Consultation, December 4, 2009

Date Modified 12/23/2009

ANALYTICAL REPORT

Lab Number:	L0914454
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	ALVAREZ HS
Project Number:	14613.01
Report Date:	10/19/09

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: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0914454-01	MP-2	PROVIDENCE, RI	10/09/09 09:18
L0914454-02	MP-5	PROVIDENCE, RI	10/09/09 10:00
L0914454-03	MP-7	PROVIDENCE, RI	10/09/09 09:41
L0914454-04	MP-8	PROVIDENCE, RI	10/09/09 09:29
L0914454-05	IMP-1	PROVIDENCE, RI	10/09/09 07:48
L0914454-06	IMP-3	PROVIDENCE, RI	10/09/09 08:07

Project Name:	ALVAREZ HS	**Lab Number:**	L0914454
Project Number:	14613.01	**Report Date:**	10/19/09

Case Narrative

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

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

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

For additional information, please contact Client Services at 800-624-9220.

Volatile Organics in Air (SIM)

L0914454-01 and WG384558-5 were re-analyzed on dilution in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound that exceeded the calibration range.

L0914454-02, -03, and -05: The presence of Chloromethane could not be determined in this sample due to non-target compounds interfering with the identification and quantification of this compound.

Project Name:	ALVAREZ HS	**Lab Number:**	L0914454
Project Number:	14613.01	**Report Date:**	10/19/09

Case Narrative (continued)

L0914454-04 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample. Sample was re-analyzed due to quality control failure on original analysis. The re-analysis was reported.

L0914454-05 a re-analysis was performed due to quality control failure on the original analysis. The re-analysis was reported.

The WG384558-3 LCS recovery for trans-1,3-Dichloropropene (64%) is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore the analysis proceeded.

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

Authorized Signature: Kathleen M. Morin

Title: Technical Director/Representative

Date: 10/19/09

AIR

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-01
Client ID: MP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 23:13
Analyst: RY

Date Collected: 10/09/09 09:18
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.144	0.020	0.707	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.044	0.020	0.216	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.551	0.020	3.31	0.120		1
Benzene	0.360	0.070	1.15	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.110	0.020	0.691	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.042	0.020	0.205	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-01
Client ID: MP-2
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 09:18
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.553	0.050	2.73	0.247		1
Ethylbenzene	0.130	0.020	0.564	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	0.373	0.040	1.62	0.174		1
o-Xylene	0.125	0.020	0.542	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.082	0.020	0.556	0.136		1
Toluene	0.937	0.020	3.53	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.029	0.020	0.156	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	10.8	2.00	25.7	4.75		1
2-Butanone	98.1	0.500	289	1.47	E	1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-01 R\D
Client ID: MP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/09 12:25
Analyst: RY

Date Collected: 10/09/09 09:18
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
2-Butanone	67.6	2.50	199	7.37		5

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-02
Client ID: MP-5
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/09 00:30
Analyst: RY

Date Collected: 10/09/09 10:00
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	0.029	0.020	0.158	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	0.159	0.020	0.781	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.049	0.020	0.241	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.573	0.020	3.44	0.120		1
Benzene	0.305	0.070	0.974	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.106	0.020	0.666	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.022	0.020	0.058	0.053		1
Chloroform	0.054	0.020	0.263	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-02
Client ID: MP-5
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 10:00
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.560	0.050	2.77	0.247		1
Ethylbenzene	0.129	0.020	0.560	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	0.375	0.040	1.63	0.174		1
o-Xylene	0.135	0.020	0.586	0.087		1
Styrene	0.023	0.020	0.098	0.085		1
Tetrachloroethene	0.305	0.020	2.07	0.136		1
Toluene	0.812	0.020	3.06	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	4.85	0.020	26.0	0.107		1
Trichlorofluoromethane	3.55	0.050	20.0	0.281		1
Vinyl chloride	ND	0.020	ND	0.051		1
Acrylonitrile	ND	0.500	ND	1.08		1
n-Butylbenzene	ND	0.500	ND	2.74		1
sec-Butylbenzene	ND	0.500	ND	2.74		1
Isopropylbenzene	ND	0.500	ND	2.46		1
p-Isopropyltoluene	ND	0.500	ND	2.74		1
Acetone	20.9	2.00	49.7	4.75		1
2-Butanone	47.5	0.500	140	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-03
Client ID: MP-7
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/09 01:09
Analyst: RY

Date Collected: 10/09/09 09:41
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	0.035	0.020	0.191	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	0.132	0.020	0.648	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.038	0.020	0.187	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.465	0.020	2.79	0.120		1
Benzene	0.135	0.070	0.431	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.074	0.020	0.465	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.154	0.020	0.406	0.053		1
Chloroform	0.055	0.020	0.268	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: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-03
Client ID: MP-7
Sample Location: PROVIDENCE, RI

Date Collected: 10/09/09 09:41
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.743	0.050	3.67	0.247		1
Ethylbenzene	0.067	0.020	0.291	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.211	0.040	0.915	0.174		1
o-Xylene	0.079	0.020	0.343	0.087		1
Styrene	ND	0.020	ND	0.085		1
Tetrachloroethene	0.100	0.020	0.678	0.136		1
Toluene	0.285	0.020	1.07	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	0.232	0.020	1.24	0.107		1
Trichlorofluoromethane	1.96	0.050	11.0	0.281		1
Vinyl chloride	0.040	0.020	0.102	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	3.88	2.00	9.20	4.75		1
2-Butanone	6.49	0.500	19.1	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-04 R\D
Client ID: MP-8
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/09 15:13
Analyst: RY

Date Collected: 10/09/09 09:29
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	ND	4.18	ND	22.8		208.8
1,1,1,2-Tetrachloroethane	ND	4.18	ND	28.6		208.8
1,1,2,2-Tetrachloroethane	ND	4.18	ND	28.6		208.8
1,1,2-Trichloroethane	ND	4.18	ND	22.8		208.8
1,1-Dichloroethane	ND	4.18	ND	16.9		208 8
1,1-Dichloroethene	ND	4.18	ND	16.5		208.8
1,2,4-Trimethylbenzene	ND	4.18	ND	20.5		208.8
1,2-Dibromoethane	ND	4.18	ND	32.1		208.8
1,2-Dichlorobenzene	ND	4.18	ND	25.1		208.8
1,2-Dichloroethane	ND	4.18	ND	16.9		208.8
1,2-Dichloropropane	ND	4.18	ND	19.3		208.8
1,3,5-Trimethybenzene	ND	4.18	ND	20.5		208.8
1,3-Dichlorobenzene	ND	4.18	ND	25.1		208.8
1,4-Dichlorobenzene	ND	4.18	ND	25.1		208.8
Benzene	ND	14.6	ND	46.6		208.8
Bromodichloromethane	ND	4.18	ND	28.0		208.8
Bromoform	ND	4.18	ND	43.1		208.8
Carbon tetrachloride	ND	4.18	ND	26.2		208.8
Chlorobenzene	ND	4.18	ND	19.2		208.8
Chloroethane	ND	4.18	ND	11.0		208.8
Chloroform	ND	4.18	ND	20.4		208.8
Chloromethane	ND	104	ND	509		208.8
cis-1,2-Dichloroethene	ND	4.18	ND	16.5		208.8
cis-1,3-Dichloropropene	ND	4.18	ND	18.9		208.8
Dibromochloromethane	ND	4.18	ND	20.0		208.8

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-04 R\D
Client ID: MP-8
Sample Location: PROVIDENCE, RI

Date Collected: 10/09/09 09:29
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	ND	10.4	ND	51.6		208.8
Ethylbenzene	ND	4.18	ND	18.1		208.8
Methylene chloride	ND	104	ND	362		208.8
Methyl tert butyl ether	ND	4.18	ND	15.0		208.8
p/m-Xylene	ND	8.35	ND	36.2		208.8
o-Xylene	ND	4.18	ND	18.1		208.8
Styrene	ND	4.18	ND	17.8		208.8
Tetrachloroethene	ND	4.18	ND	28.3		208.8
Toluene	6.26	4.18	23.6	15.7		208.8
trans-1,2-Dichloroethene	ND	4.18	ND	16.5		208.8
trans-1,3-Dichloropropene	ND	4.18	ND	18.9		208.8
Trichloroethene	ND	4.18	ND	22.4		208.8
Trichlorofluoromethane	ND	10.4	ND	58.6		208.8
Vinyl chloride	ND	4.18	ND	10.7		208.8
Acrylonitrile	ND	104.	ND	226.		208.8
n-Butylbenzene	ND	104.	ND	573.		208.8
sec-Butylbenzene	ND	104.	ND	573.		208.8
Isopropylbenzene	ND	104.	ND	513.		208.8
p-Isopropyltoluene	ND	104.	ND	573.		208.8
Acetone	4670	418	11100	991		208.8
2-Butanone	7700	104	22700	308		208.8
4-Methyl-2-pentanone	ND	104.	ND	427.		208.8

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-05 R
Client ID: IMP-1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/09 10:34
Analyst: RY

Date Collected: 10/09/09 07:48
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
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	0.277	0.020	1.36	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.079	0.020	0.388	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.16	0.020	6.95	0.120		1
Benzene	0.194	0.070	0.619	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.113	0.020	0.710	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.065	0.020	0.317	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: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-05 R
Client ID: IMP-1
Sample Location: PROVIDENCE, RI

Date Collected: 10/09/09 07:48
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.535	0.050	2.64	0.247		1
Ethylbenzene	0.125	0.020	0.542	0 087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.024	0.020	0.086	0.072		1
p/m-Xylene	0.400	0.040	1.74	0.174		1
o-Xylene	0.145	0.020	0.629	0.087		1
Styrene	0.036	0.020	0.153	0.085		1
Tetrachloroethene	0.173	0.020	1.17	0.136		1
Toluene	0.829	0.020	3.12	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	0.034	0 020	0.182	0.107		1
Trichlorofluoromethane	0.294	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	2.74	2.00	6.51	4.75		1
2-Butanone	0.933	0.500	2.75	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-06
Client ID: IMP-3
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/09 03:05
Analyst: RY

Date Collected: 10/09/09 08:07
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	0.025	0.020	0.136	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	0.119	0.020	0.584	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	0.046	0.020	0.226	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	0.636	0.020	3.82	0.120		1
Benzene	0.258	0.070	0.824	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.110	0.020	0.691	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.064	0.020	0.312	0.098		1
Chloromethane	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: ALVAREZ HS
Project Number: 14613.01
Lab Number: L0914454
Report Date: 10/19/09

SAMPLE RESULTS

Lab ID: L0914454-06
Client ID: IMP-3
Sample Location: PROVIDENCE, RI
Date Collected: 10/09/09 08:07
Date Received: 10/12/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.565	0.050	2.79	0.247		1
Ethylbenzene	0.125	0.020	0.542	0.087		1
Methylene chloride	ND	0.800	ND	1.74		1
Methyl tert butyl ether	0.023	0.020	0.083	0.072		1
p/m-Xylene	0.391	0.040	1.70	0.174		1
o-Xylene	0.142	0.020	0.616	0.087		1
Styrene	0.048	0.020	0.204	0.085		1
Tetrachloroethene	0.215	0.020	1.46	0.136		1
Toluene	0.975	0.020	3.67	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	0.608	0.020	3.26	0.107		1
Trichlorofluoromethane	1.66	0.050	9.32	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	7.08	2.00	16.8	4.75		1
2-Butanone	4.29	0.500	12.6	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 17:54

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG384558-4						
1,1,1-Trichloroethane	ND	0.020	ND	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	ND	0.020	ND	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	ND	0.020	ND	0.098		1
1,2-Dibromoethane	ND	0.020	ND	0.154		1
1,2-Dichlorobenzene	ND	0.020	ND	0.120		1
1,2-Dichloroethane	ND	0.020	ND	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethybenzene	ND	0.020	ND	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	ND	0.020	ND	0.120		1
Benzene	ND	0.070	ND	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	ND	0.020	ND	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	ND	0.020	ND	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	ND	0.020	ND	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/15/09 17:54

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-06 Batch: WG384558-4						
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: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG384558-3								
1,1,1-Trichloroethane	109		-		70-130	-		
1,1,1,2-Tetrachloroethane	97		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
1,1-Dichloroethene	100		-		70-130	-		
1,2,4-Trimethylbenzene	95		-		70-130	-		
1,2-Dibromoethane	89		-		70-130	-		
1,2-Dichlorobenzene	93		-		70-130	-		
1,2-Dichloroethane	111		-		70-130	-		
1,2-Dichloropropane	90		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,3-Butadiene	89		-		70-130	-		
1,3-Dichlorobenzene	96		-		70-130	-		
1,4-Dichlorobenzene	94		-		70-130	-		
Benzene	83		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
Bromoform	102		-		70-130	-		
Bromomethane	84		-		70-130	-		
Carbon tetrachloride	115		-		70-130	-		
Chlorobenzene	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG384558-3								
Chloroethane	96		-		70-130	-		
Chloroform	109		-		70-130	-		
Chloromethane	92		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		
cis-1,3-Dichloropropene	79		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
Dichlorodifluoromethane	121		-		70-130	-		
Ethylbenzene	84		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	104		-		70-130	-		
Methylene chloride	99		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
Naphthalene	80		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
o-Xylene	90		-		70-130	-		
Styrene	81		-		70-130	-		
Tetrachloroethene	101		-		70-130	-		
Toluene	79		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
trans-1,3-Dichloropropene	64	Q	-		70-130	-		
Trichloroethene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALVAREZ HS

Project Number: 14613.01

Lab Number: L0914454

Report Date: 10/19/09

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 Batch: WG384558-3								
1,2,4-Trichlorobenzene	93		-		70-130	-		
Trichlorofluoromethane	115		-		70-130	-		
Hexachlorobutadiene	96		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
Acrylonitrile	81		-		70-130	-		
n-Butylbenzene	75		-		70-130	-		
sec-Butylbenzene	77		-		70-130	-		
Isopropylbenzene	78		-		70-130	-		
p-Isopropyltoluene	72		-		70-130	-		
Acetone	94		-		70-130	-		
2-Butanone	91		-		70-130	-		
4-Methyl-2-pentanone	104		-		70-130	-		
Halothane	112		-		70-130	-		
1,2,3-Trichlorobenzene	91		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG384558-5 QC Sample: L0914454-01 Client ID: MP-2						
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	0.144	0.134	ppbV	7		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
1,3,5-Trimethybenzene	0.044	0.041	ppbV	7		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	0.551	0.570	ppbV	3		25
Benzene	0.360	0.358	ppbV	1		25
Bromodichloromethane	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.110	0.108	ppbV	2		25
Chlorobenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG384558-5 QC Sample: L0914454-01 Client ID: MP-2					
Chloroethane	ND	ND	ppbV	NC	25
Chloroform	0.042	0.040	ppbV	5	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	0.553	0.560	ppbV	1	25
Ethylbenzene	0.130	0.124	ppbV	5	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.373	0.352	ppbV	6	25
o-Xylene	0.125	0.117	ppbV	7	25
Styrene	ND	0.020	ppbV	NC	25
Tetrachloroethene	0.082	0.081	ppbV	1	25
Toluene	0.937	0.916	ppbV	2	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	0	25
Trichlorofluoromethane	0.307	0.301	ppbV	2	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG384558-5 QC Sample: L0914454-01 Client ID: MP-2						
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	10.8	10.2	ppbV	6		25
2-Butanone	98.1E	89.5	ppbV	9	E	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG384558-5 QC Sample: L0914454-01 Client ID: MP-2						
2-Butanone	67.6	63.4	ppbV	6		25

Project Name: ALVAREZ HS **Lab Number:** L0914454

Project Number: 14613.01 **Report Date:** 10/19/09

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (In. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0914454-01	MP-2	0452	#90 SV		-	-	76	76	0
L0914454-01	MP-2	501	2.7L Can	I0912672	-29.4	-3.7	-	-	-
L0914454-02	MP-5	0049	#16 AMB		-	-	77	83	8
L0914454-02	MP-5	345	2.7L Can	I0913956	-29.4	-4.1	-	-	-
L0914454-03	MP-7	0062	#20 AMB		-	-	78	79	1
L0914454-03	MP-7	529	2.7L Can	I0912672	-29.4	-5.8	-	-	-
L0914454-04	MP-8	0125	#90 SV		-	-	77	78	1
L0914454-04	MP-8	212	2.7L Can	I0913956	-29.4	-6.4	-	-	-
L0914454-05	IMP-1	0067	#90 SV		-	-	76	77	1
L0914454-05	IMP-1	104	2.7L Can	I0912672	-29.4	-3.6	-	-	-
L0914454-06	IMP-3	0332	#90 AMB		-	-	77	80	4
L0914454-06	IMP-3	102	2.7L Can	I0912672	-29.4	-7.1	-	-	-

Project Name: ALVAREZ HS
Project Number: 14613.01

Lab Number: L0914454
Report Date: 10/19/09

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L0914454-01A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914454-02A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914454-03A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914454-04A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914454-05A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)
L0914454-06A	Canister - 2.7 Liter	N/A	N/A		NA	Present/Intact	TO15-SIM(30)

*Hold days indicated by values in parentheses

Project Name:	ALVAREZ HS	**Lab Number:**	L0914454
Project Number:	14613.01	**Report Date:**	10/19/09

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.

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.

NI · Not Ignitable.

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

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 at less than five times (5x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to 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.

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

P · The RPD between the results for the two columns exceeds the method-specified criteria.

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RDL. (Metals only.)

R · Analytical results are from sample re-analysis.

RE · Analytical results are from sample re-extraction.

J · Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Report Format. Data Usability Report

Project Name:	ALVAREZ HS	**Lab Number:**	L0914454
Project Number:	14613.01	**Report Date:**	10/19/09

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised June 17, 2009 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, 4500NH3-F, EPA 120.1, SM2510B, 2340B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, 420.1, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270,)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

Biological Tissue (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

Maine Department of Human Services Certificate/Lab ID: MA0030.

Wastewater (Inorganic Parameters: EPA 120.1, 300.0, SM 2320, 2510B, 2540C, 2540D, EPA 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.

Non-Potable Water (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 Organic Parameters: EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. Organic Parameters: SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

Atmospheric Organic Parameters (EPA TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020 Organic Parameters: SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. Organic Parameters: EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. Organic Parameters: EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

Air & Emissions (EPA TO-15.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID: 68-02089. ***NELAP Accredited.***

Non-Potable Water (Organic Parameters: EPA 5030B, EPA 8260)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via LA-DEQ.***

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7471. Organic Parameters: EPA 8015, 8270.)

U.S. Army Corps of Engineers

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd In Lab:

ALPHA Job #: L0914454

Client Information

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

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Alvarez HS
Project Location: Providence, RI
Project #: 14613.01
Project Manager: Mark K. Speer, P.E.
ALPHA Quote #:

Turn-Around Time

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

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☒ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager)
rmack@eaest.com
mspeer@eaest.com

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
CT	Target indoor air concentrations	

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
14454-1	MP-2	10/9/09	0848	0918	30	5	SV	RM/PT	2.7L	501	0452			X				PID 0.103 ppb ppm
2	MP-5		0934	1000	30	5				345	0044			X				0.007 ppb
3	MP-7		0915	0941	30+	9				529	0062			X				0.006 ppb
4	MP-8		0904	0929	30	7				212	0125			X				0.029 ppb
5	IMP-1		0720	0748	30+	7				104	0067			X				0.111 ppb
6	IMP-3		0741	0807	29	6				102	0332			X				0.041 ppb

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

Container Type: 6 S

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

Relinquished By:	Date/Time	Received By:	Date/Time:
	10/12/09 1045	Paul Gilbert	10/12/09 1040
Paul Gilbert	10/9/09 1115		10/12/09 1115

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

101909152

Appendix E

Rooftop Effluent Analytical Summary and Lab Report

Adelaide Avenue School - Sub Slab Depressurization System Emissions Calculations
Sample Date - 11 September 2009

Volatile Organic Compounds	ROOFTOP FAN 1 (Measured air flow = 108 cubic feet per minute)				ROOFTOP FAN 2 (Measured air flow = 190 cubic feet per minute)				ROOFTOP FAN 3 (Measured air flow = 124 cubic feet per minute)				CUMULATIVE EMISSIONS (3 fans combined)		
	Concentration (ug/m³)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m³)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m³)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)
1,1,1,2-Tetrachloroethane	0 14 U	5 26E-08	1 26E-06	4 61E-04	0 137 U	5 13E-08	1 23E-06	4 50E-04	0 137 U	4 44E-08	1 06E-06	3 89E-04	1 48E-07	3 56E-06	1 30E-03
1,1,1-Trichloroethane	3 580	1 38E-06	3 30E-05	1 21E-02	3 14	1 18E-06	2 82E-05	1 03E-02	3 11	1 01E-06	2 42E-05	8 82E-03	3 56E-06	8 54E-05	3 12E-02
1,1,2,2-Tetrachloroethane	0 137 U	5 26E-08	1 26E-06	4 61E-04	0 137 U	5 13E-08	1 23E-06	4 50E-04	0 137 U	4 44E-08	1 06E-06	3 89E-04	1 48E-07	3 56E-06	1 30E-03
1,1,2-Trichloroethane	0 109 U	4 19E-08	1 01E-06	3 67E-04	0 109 U	4 08E-08	9 80E-07	3 58E-04	0 109 U	3 53E-08	8 47E-07	3 09E-04	1 18E-07	2 83E-06	1 03E-03
1,1-Dichloroethane	0 117	4 50E-08	1 08E-06	3 94E-04	0 081 U	3 03E-08	7 28E-07	2 66E-04	0 081 U	2 62E-08	6 29E-07	2 30E-04	1 02E-07	2 44E-06	8 89E-04
1,1-Dichloroethene	0 079 U	3 04E-08	7 29E-07	2 66E-04	0 079 U	2 96E-08	7 10E-07	2 59E-04	0 079 U	2 56E-08	6 14E-07	2 24E-04	8 55E-08	2 05E-06	7 49E-04
1,2,4-Trimethylbenzene	0 840	3 23E-07	7 75E-06	2 83E-03	0 835	3 13E-07	7 51E-06	2 74E-03	1 53	4 95E-07	1 19E-05	4 34E-03	1 13E-06	2 71E-05	9 91E-03
1,2-Dibromoethane	0 154 U	5 92E-08	1 42E-06	5 18E-04	0 154 U	5 77E-08	1 38E-06	5 05E-04	0 154 U	4 99E-08	1 20E-06	4 37E-04	1 67E-07	4 00E-06	1 46E-03
1,2-Dichlorobenzene	0 120 U	4 61E-08	1 11E-06	4 04E-04	0 120 U	4 49E-08	1 08E-06	3 94E-04	0 120 U	3 88E-08	9 32E-07	3 40E-04	1 30E-07	3 12E-06	1 14E-03
1,2-Dichloroethane	0 109	4 19E-08	1 01E-06	3 67E-04	0 081 U	3 03E-08	7 28E-07	2 66E-04	0 081 U	2 62E-08	6 29E-07	2 30E-04	9 85E-08	2 36E-06	8 62E-04
1,2-Dichloropropane	0 092 U	3 54E-08	8 49E-07	3 10E-04	0 092 U	3 45E-08	8 27E-07	3 02E-04	0 092 U	2 98E-08	7 15E-07	2 61E-04	9 96E-08	2 39E-06	8 72E-04
1,3,5-Trimethylbenzene	0 378	1 45E-07	3 49E-06	1 27E-03	0 285	1 07E-07	2 56E-06	9 35E-04	0 702	2 27E-07	5 45E-06	1 99E-03	4 79E-07	1 15E-05	4 20E-03
1,3-Dichlorobenzene	0 120 U	4 61E-08	1 11E-06	4 04E-04	0 120 U	4 49E-08	1 08E-06	3 94E-04	0 120 U	3 88E-08	9 32E-07	3 40E-04	1 30E-07	3 12E-06	1 14E-03
1,4-Dichlorobenzene	6 010	2 31E-06	5 54E-05	2 02E-02	8 1	3 03E-06	7 28E-05	2 66E-02	0 120 U	3 88E-08	9 32E-07	3 40E-04	5 38E-06	1 29E-04	4 72E-02
2-Butanone	0 791	3 04E-07	7 30E-06	2 66E-03	1 47 U	5 51E-07	1 32E-05	4 82E-03	2 79	9 03E-07	2 17E-05	7 91E-03	1 76E-06	4 22E-05	1 54E-02
4-Methyl-2-pentanone	0 500 U	1 92E-07	4 61E-06	1 68E-03	2 05 U	7 68E-07	1 84E-05	6 73E-03	2 05 U	6 64E-07	1 59E-05	5 81E-03	1 62E-06	3 90E-05	1 42E-02
Acetone	10 600	4 07E-06	9 78E-05	3 57E-02	15 0	5 62E-06	1 35E-04	4 92E-02	30 1	9 74E-06	2 34E-04	8 54E-02	1 94E-05	4 66E-04	1 70E-01
Acrylonitrile	0 500 U	1 92E-07	4 61E-06	1 68E-03	1 08 U	4 05E-07	9 71E-06	3 54E-03	1 08 U	3 50E-07	8 39E-06	3 06E-03	9 46E-07	2 27E-05	8 29E-03
Benzene	0 495	1 90E-07	4 57E-06	1 67E-03	0 587	2 20E-07	5 28E-06	1 93E-03	0 44	1 42E-07	3 42E-06	1 25E-03	5 53E-07	1 33E-05	4 84E-03
Bromodichloromethane	0 134 U	5 15E-08	1 24E-06	4 51E-04	0 134 U	5 02E-08	1 20E-06	4 40E-04	0 134 U	4 34E-08	1 04E-06	3 80E-04	1 45E-07	3 48E-06	1 27E-03
Bromoform	0 206 U	7 92E-08	1 90E-06	6 93E-04	0 206 U	7 72E-08	1 85E-06	6 76E-04	0 206 U	6 67E-08	1 60E-06	5 84E-04	2 23E-07	5 35E-06	1 95E-03
Carbon tetrachloride	0 616	2 37E-07	5 68E-06	2 07E-03	0 616	2 31E-07	5 54E-06	2 02E-03	0 635	2 06E-07	4 93E-06	1 80E-03	6 73E-07	1 62E-05	5 90E-03
Chlorobenzene	0 092 U	3 54E-08	8 49E-07	3 10E-04	0 092 U	3 45E-08	8 27E-07	3 02E-04	0 092 U	2 98E-08	7 15E-07	2 61E-04	9 96E-08	2 39E-06	8 72E-04
Chloroethane	0 161	6 19E-08	1 48E-06	5 42E-04	0 145	5 43E-08	1 30E-06	4 76E-04	0 053 U	1 72E-08	4 12E-07	1 50E-04	1 33E-07	3 20E-06	1 17E-03
Chloroform	0 439	1 69E-07	4 05E-06	1 48E-03	580	2 17E-07	5 21E-06	1 90E-03	0 610	1 97E-07	4 74E-06	1 73E-03	5 83E-07	1 40E-05	5 11E-03
Chloromethane	2 440 U	9 38E-07	2 25E-05	8 21E-03	2 44 U	9 14E-07	2 19E-05	8 01E-03	2 44 U	7 90E-07	1 90E-05	6 92E-03	2 64E-06	6 34E-05	2 31E-02
cis-1,2-Dichloroethene	0 127	4 88E-08	1 17E-06	4 28E-04	0 079 U	2 96E-08	7 10E-07	2 59E-04	0 079 U	2 56E-08	6 14E-07	2 24E-04	1 04E-07	2 50E-06	9 11E-04
cis-1,3-Dichloropropene	0 091 U	3 50E-08	8 39E-07	3 06E-04	0 091 U	3 41E-08	8 18E-07	2 99E-04	0 091 U	2 95E-08	7 07E-07	2 58E-04	9 85E-08	2 36E-06	8 63E-04
Dibromochloromethane	0 096 U	3 69E-08	8 85E-07	3 23E-04	0 096 U	3 60E-08	8 63E-07	3 15E-04	0 096 U	3 11E-08	7 46E-07	2 72E-04	1 04E-07	2 49E-06	9 10E-04
Dichlorodifluoromethane	2 660	1 02E-06	2 45E-05	8 93E-03	2 65	9 93E-07	2 38E-05	8 70E-03	2 83	9 16E-07	2 20E-05	8 01E-03	2 91E-06	7 03E-05	2 57E-02
Ethylbenzene	0 226	8 68E-08	2 08E-06	7 61E-04	0 212	7 94E-08	1 91E-06	6 96E-04	1 04	3 37E-07	8 08E-06	2 95E-03	5 01E-07	1 21E-05	4 41E-03
Isopropylbenzene	2 460 U	9 45E-07	2 27E-05	8 28E-03	2 46 U	9 21E-07	2 21E-05	8 07E-03	2 46 U	7 96E-07	1 91E-05	6 98E-03	2 66E-06	6 39E-05	2 33E-02
Methyl tert butyl ether	0 072 U	2 77E-08	6 64E-07	2 42E-04	0 072 U	2 70E-08	6 47E-07	2 36E-04	0 072 U	2 33E-08	5 59E-07	2 04E-04	7 79E-08	1 87E-06	6 83E-04
Methylene chloride	1 740 U	6 69E-07	1 60E-05	5 86E-03	1 74 U	6 52E-07	1 56E-05	5 71E-03	1 74 U	5 63E-07	1 35E-05	4 93E-03	1 88E-06	4 52E-05	1 65E-02
n-Butylbenzene	2 740 U	1 05E-06	2 51E-05	9 22E-03	2 74 U	1 03E-06	2 46E-05	8 99E-03	2 74 U	8 87E-07	2 13E-05	7 77E-03	2 97E-06	7 12E-05	2 60E-02
o-Xylene	0 273	1 05E-07	2 52E-06	9 19E-04	0 269	1 01E-07	2 42E-06	8 83E-04	0 529	1 71E-07	4 11E-06	1 50E-03	3 77E-07	9 05E-06	3 30E-03
p-Isopropyltoluene	2 740 U	1 05E-06	2 51E-05	9 22E-03	2 74 U	1 03E-06	2 46E-05	8 99E-03	2 74 U	8 87E-07	2 13E-05	7 77E-03	2 97E-06	7 12E-05	2 60E-02
p/m-Xylene	0 764	2 94E-07	7 05E-06	2 57E-03	0 759	2 84E-07	6 82E-06	2 49E-03	2 11	6 83E-07	1 64E-05	5 98E-03	1 26E-06	3 03E-05	1 10E-02
sec-Butylbenzene	2 740 U	1 05E-06	2 51E-05	9 22E-03	2 74 U	1 03E-06	2 46E-05	8 99E-03	2 74 U	8 87E-07	2 13E-05	7 77E-03	2 97E-06	7 12E-05	2 60E-02
Styrene	0 179	6 88E-08	1 65E-06	6 03E-04	0 136	5 09E-08	1 22E-06	4 46E-04	0 098	3 17E-08	7 61E-07	2 78E-04	1 51E-07	3 63E-06	1 33E-03
Tetrachloroethene	33 000	1 27E-05	3 04E-04	1 11E-01	12 8	4 79E-06	1 15E-04	4 20E-02	114	3 69E-05	8 86E-04	3 23E-01	5 44E-05	1 31E-03	4 76E-01
Toluene	0 956	3 67E-07	8 82E-06	3 22E-03	0 817	3 06E-07	7 34E-06	2 68E-03	2 32	7 51E-07	1 80E-05	6 58E-03	1 42E-06	3 42E-05	1 25E-02
trans-1,2-Dichloroethene	0 079 U	3 04E-08	7 29E-07	2 66E-04	0 079 U	2 96E-08	7 10E-07	2 59E-04	0 079 U	2 56E-08	6 14E-07	2 24E-04	8 55E-08	2 05E-06	7 49E-04
trans-1,3-Dichloropropene	0 091 U	3 50E-08	8 39E-07	3 06E-04	0 091 U	3 41E-08	8 18E-07	2 99E-04	0 091 U	2 95E-08	7 07E-07	2 58E-04	9 85E-08	2 36E-06	8 63E-04
Trichloroethene	100 000	3 84E-05	9 22E-04	3 37E-01	100	3 75E-05	8 99E-04	3 28E-01	40 9	1 32E-05	3 18E-04	1 16E-01	8 91E-05	2 14E-03	7 81E-01
Trichlorofluoromethane	119 000	4 57E-05	1 10E-03	4 01E-01	234	8 76E-05	2 10E-03	7 68E-01	72 1	2 33E-05	5 60E-04	2 04E-01	1 57E-04	3 76E-03	1 37E+00
Vinyl chloride	0 051 U	1 96E-08	4 70E-07	1 72E-04	0 051 U	1 91E-08	4 58E-07	1 67E-04	0 051 U	1 65E-08	3 96E-07	1 45E-04	5 52E-08	1 33E-06	4 84E-04
Total VOCs	2 99E+02	Not Applicable	Not Applicable	1 06E+00	3 87E+02	Not Applicable	Not Applicable	2 41E+00	2 95E+02	Not Applicable	Not Applicable	1 20E+00	Not Applicable	Not Applicable	3 17E+00
RIDEM Air Pollution Control Permit Applicability Thresholds (lbs) *		10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)

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

Hourly Emissions (lbs/hour) = VOC concentration (ug/m^3) x measured flow rate (cfm) x 0 02832 m^3/ft^3 x 60 min/hour x 0 001 mg/ug x 0 001 g/mg x 0 0022 lb/g

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

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

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

ANALYTICAL REPORT

Lab Number:	L0912807
Client:	EA Engineering, Science and Tech 2350 Post Road Warwick, RI 02886
ATTN:	Mark Speer
Project Name:	ALVAREZ HIGH SCHOOL
Project Number:	14687.01
Report Date:	09/21/09

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: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0912807-01	ROOFTOP FAN 1	PROVIDENCE, RI	09/11/09 11:30
L0912807-02	ROOFTOP FAN 2	PROVIDENCE, RI	09/11/09 11:25
L0912807-03	ROOFTOP FAN 3	PROVIDENCE, RI	09/11/09 10:32

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Case Narrative

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

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

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

For additional information, please contact Client Services at 800-624-9220.

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

Authorized Signature: Kathleen M. Ahern

Title: Technical Director/Representative

Date: 09/21/09

AIR

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

SAMPLE RESULTS

Lab ID: L0912807-01
Client ID: ROOFTOP FAN 1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/18/09 22:29
Analyst: RY

Date Collected: 09/11/09 11:30
Date Received: 09/14/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	0.656	0.020	3.58	0.109		1
1,1,1,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2,2-Tetrachloroethane	ND	0.020	ND	0.137		1
1,1,2-Trichloroethane	ND	0.020	ND	0.109		1
1,1-Dichloroethane	0.029	0.020	0.117	0.081		1
1,1-Dichloroethene	ND	0.020	ND	0.079		1
1,2,4-Trimethylbenzene	0.171	0.020	0.840	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	0.027	0.020	0.109	0.081		1
1,2-Dichloropropane	ND	0.020	ND	0.092		1
1,3,5-Trimethylbenzene	0.077	0.020	0.378	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.00	0.020	6.01	0.120		1
Benzene	0.155	0.070	0.495	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.098	0.020	0.616	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.061	0.020	0.161	0.053		1
Chloroform	0.090	0.020	0.439	0.098		1
Chloromethane	ND	0.500	ND	2.44		1
cis-1,2-Dichloroethene	0.032	0.020	0.127	0.079		1
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

SAMPLE RESULTS

Lab ID: L0912807-01
Client ID: ROOFTOP FAN 1
Sample Location: PROVIDENCE, RI

Date Collected: 09/11/09 11:30
Date Received: 09/14/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.538	0.050	2.66	0.247		1
Ethylbenzene	0.052	0.020	0.226	0.087		1
Methylene chloride	ND	0.500	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.176	0.040	0.764	0.174		1
o-Xylene	0.063	0.020	0.273	0.087		1
Styrene	0.042	0.020	0.179	0.085		1
Tetrachloroethene	4.87	0.020	33.0	0.136		1
Toluene	0.254	0.020	0.956	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	18.7	0.020	100	0.107		1
Trichlorofluoromethane	21.2	0.050	119	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	0.791	0.500	2.33	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

SAMPLE RESULTS

Lab ID: L0912807-02
Client ID: ROOFTOP FAN 2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/18/09 23:46
Analyst: RY

Date Collected: 09/11/09 11:25
Date Received: 09/14/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	0.577	0.020	3.14	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	0.170	0.020	0.835	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	0.285	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.35	0.020	8.10	0.120		1
Benzene	0.184	0.070	0.587	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.098	0.020	0.616	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	0.055	0.020	0.145	0.053		1
Chloroform	0.119	0.020	0.580	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: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

SAMPLE RESULTS

Lab ID: L0912807-02
Client ID: ROOFTOP FAN 2
Sample Location: PROVIDENCE, RI

Date Collected: 09/11/09 11:25
Date Received: 09/14/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.537	0.050	2.65	0.247		1
Ethylbenzene	0.049	0.020	0.212	0.087		1
Methylene chloride	ND	0.500	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.175	0.040	0.759	0.174		1
o-Xylene	0.062	0.020	0.269	0.087		1
Styrene	0.032	0.020	0.136	0.085		1
Tetrachloroethene	1.90	0.020	12.8	0.136		1
Toluene	0.217	0.020	0.817	0.075		1
trans-1,2-Dichloroethene	ND	0.020	ND	0.079		1
trans-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Trichloroethene	18.7	0.020	100	0.107		1
Trichlorofluoromethane	41.7	0.050	234	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	6.34	2.00	15.0	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: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

SAMPLE RESULTS

Lab ID: L0912807-03
Client ID: ROOFTOP FAN 3
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/19/09 00:25
Analyst: RY

Date Collected: 09/11/09 10:32
Date Received: 09/14/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
1,1,1-Trichloroethane	0.571	0.020	3.11	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	0.311	0.020	1.53	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	0.143	0.020	0.702	0.098		1
1,3-Dichlorobenzene	ND	0.020	ND	0.120		1
1,4-Dichlorobenzene	1.58	0.020	9.51	0.120		1
Benzene	0.138	0.070	0.440	0.223		1
Bromodichloromethane	ND	0.020	ND	0.134		1
Bromoform	ND	0.020	ND	0.206		1
Carbon tetrachloride	0.101	0.020	0.635	0.126		1
Chlorobenzene	ND	0.020	ND	0.092		1
Chloroethane	ND	0.020	ND	0.053		1
Chloroform	0.125	0.020	0.610	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: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

SAMPLE RESULTS

Lab ID: L0912807-03
Client ID: ROOFTOP FAN 3
Sample Location: PROVIDENCE, RI

Date Collected: 09/11/09 10:32
Date Received: 09/14/09
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab						
Dichlorodifluoromethane	0.572	0.050	2.83	0.247		1
Ethylbenzene	0.239	0.020	1.04	0.087		1
Methylene chloride	ND	0.500	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
p/m-Xylene	0.486	0.040	2.11	0.174		1
o-Xylene	0.122	0.020	0.529	0.087		1
Styrene	0.023	0.020	0.098	0.085		1
Tetrachloroethene	16.9	0.020	114	0.136		1
Toluene	0.617	0.020	2.32	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	7.62	0.020	40.9	0.107		1
Trichlorofluoromethane	12.8	0.050	72.1	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	12.7	2.00	30.1	4.75		1
2-Butanone	0.946	0.500	2.79	1.47		1
4-Methyl-2-pentanone	ND	0.500	ND	2.05		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L0912807
Report Date: 09/21/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/18/09 15:39

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-03 Batch: WG380459-4						
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-Butadiene	ND	0.020	ND	0.044		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
Bromomethane	ND	0.020	ND	0.078		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

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/18/09 15:39

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by **SIM - Mansfield** Lab for sample(s): 01-03 Batch: WG380459-4						
cis-1,3-Dichloropropene	ND	0.020	ND	0.091		1
Dibromochloromethane	ND	0.020	ND	0.096		1
Dichlorodifluoromethane	ND	0.050	ND	0.247		1
Ethylbenzene	ND	0.020	ND	0.087		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	ND	0.383		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	ND	0.349		1
Methylene chloride	ND	0.500	ND	1.74		1
Methyl tert butyl ether	ND	0.020	ND	0.072		1
Naphthalene	ND	0.050	ND	0.262		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
1,2,4-Trichlorobenzene	ND	0.050	ND	0.371		1
Trichlorofluoromethane	ND	0.050	ND	0.281		1
Hexachlorobutadiene	ND	0.050	ND	0.192		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

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L0912807
Report Date: 09/21/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/18/09 15:39

Parameter	ppbV Results	ppbV RDL	ug/m3 Results	ug/m3 RDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-03 Batch: WG380459-4						
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
Halothane	ND	0.050	ND	0.403		1
1,2,3-Trichlorobenzene	ND	0.050	ND	0.371		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG380459-3					
1,1,1-Trichloroethane	116	-	70-130	-	
1,1,1,2-Tetrachloroethane	105	-	70-130	-	
1,1,2,2-Tetrachloroethane	103	-	70-130	-	
1,1,2-Trichloroethane	113	-	70-130	-	
1,1-Dichloroethane	105	-	70-130	-	
1,1-Dichloroethene	99	-	70-130	-	
1,2,4-Trimethylbenzene	100	-	70-130	-	
1,2-Dibromoethane	98	-	70-130	-	
1,2-Dichlorobenzene	101	-	70-130	-	
1,2-Dichloroethane	123	-	70-130	-	
1,2-Dichloropropane	105	-	70-130	-	
1,3,5-Trimethylbenzene	100	-	70-130	-	
1,3-Butadiene	98	-	70-130	-	
1,3-Dichlorobenzene	102	-	70-130	-	
1,4-Dichlorobenzene	99	-	70-130	-	
Benzene	92	-	70-130	-	
Bromodichloromethane	106	-	70-130	-	
Bromoform	107	-	70-130	-	
Bromomethane	91	-	70-130	-	
Carbon tetrachloride	120	-	70-130	-	
Chlorobenzene	107	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG380459-3					
Chloroethane	102	-	70-130	-	
Chloroform	117	-	70-130	-	
Chloromethane	100	-	70-130	-	
cis-1,2-Dichloroethene	104	-	70-130	-	
cis-1,3-Dichloropropene	93	-	70-130	-	
Dibromochloromethane	106	-	70-130	-	
Dichlorodifluoromethane	121	-	70-130	-	
Ethylbenzene	104	-	70-130	-	
1,1,2-Trichloro-1,2,2-Trifluoroethane	105	-	70-130	-	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	118	-	70-130	-	
Methylene chloride	96	-	70-130	-	
Methyl tert butyl ether	99	-	70-130	-	
Naphthalene	70	-	70-130	-	
p/m-Xylene	106	-	70-130	-	
o-Xylene	105	-	70-130	-	
Styrene	100	-	70-130	-	
Tetrachloroethene	104	-	70-130	-	
Toluene	92	-	70-130	-	
trans-1,2-Dichloroethene	96	-	70-130	-	
trans-1,3-Dichloropropene	78	-	70-130	-	
Trichloroethene	101	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG380459-3					
1,2,4-Trichlorobenzene	79	-	70-130	-	
Trichlorofluoromethane	126	-	70-130	-	
Hexachlorobutadiene	88	-	70-130	-	
Vinyl chloride	105	-	70-130	-	
Acrylonitrile	92	-	70-130	-	
n-Butylbenzene	75	-	70-130	-	
sec-Butylbenzene	83	-	70-130	-	
Isopropylbenzene	89	-	70-130	-	
p-Isopropyltoluene	74	-	70-130	-	
Acelone	91	-	70-130	-	
2-Butanone	88	-	70-130	-	
4-Methyl-2-pentanone	100	-	70-130	-	
Halothane	120	-	70-130	-	
1,2,3-Trichlorobenzene	77	-	70-130	-	

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG380459-5 QC Sample: L0912807-01 Client ID: ROOFTOP FAN 1					
1,1,1-Trichloroethane	0.656	0.660	ppbV	1	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	0.029	0.031	ppbV	7	25
1,1-Dichloroethene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.171	0.163	ppbV	5	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichloroethane	0.027	0.026	ppbV	4	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	0.077	0.071	ppbV	8	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	1.00	0.951	ppbV	5	25
Benzene	0.155	0.195	ppbV	23	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Bromoform	ND	ND	ppbV	NC	25
Carbon tetrachloride	0.098	0.099	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L0912807
Report Date: 09/21/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG380459-5 QC Sample: L0912807-01 Client ID: ROOFTOP FAN 1					
Chloroethane	0.061	0.059	ppbV	3	25
Chloroform	0.090	0.090	ppbV	0	25
Chloromethane	ND	ND	ppbV	NC	25
cis-1,2-Dichloroethene	0.032	0.033	ppbV	3	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
Dichlorodifluoromethane	0.538	0.549	ppbV	2	25
Ethylbenzene	0.052	0.049	ppbV	6	25
Methylene chloride	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
p/m-Xylene	0.176	0.167	ppbV	5	25
o-Xylene	0.063	0.059	ppbV	7	25
Styrene	0.042	0.041	ppbV	2	25
Tetrachloroethene	4.87	4.83	ppbV	1	25
Toluene	0.254	0.250	ppbV	2	25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
Trichloroethene	18.7	18.7	ppbV	0	25
Trichlorofluoromethane	21.2	22.0	ppbV	4	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG380459-5 QC Sample: L0912807-01 Client ID: ROOFTOP FAN 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	10.6	10.4	ppbV	2	25
2-Butanone	0.791	0.768	ppbV	3	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25

Project Name: ALVAREZ HIGH SCHOOL

Lab Number: L0912807

Project Number: 14687.01

Report Date: 09/21/09

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L0912807-01	ROOFTOP FAN 1	139	2.7L Can	I0912468	-29.8	-3.3	-	-	-
L0912807-02	ROOFTOP FAN 2	455	2.7L Can	I0912468	-29.8	-1.6	-	-	-
L0912807-03	ROOFTOP FAN 3	231	2.7L Can	I0912468	-29.8	-1.7	-	-	-

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L0912807
Report Date: 09/21/09

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 deg C	Pres	Seal	Analysis
L0912807-01A	Canister - 2.7 Liter	N/A	N/A		NA	Absent	TO15-SIM(30)
L0912807-02A	Canister - 2.7 Liter	N/A	N/A		NA	Absent	TO15-SIM(30)
L0912807-03A	Canister - 2.7 Liter	N/A	N/A		NA	Absent	TO15-SIM(30)

*Hold days indicated by values in parentheses

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L0912807

Project Number: 14687.01 **Report Date:** 09/21/09

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.

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.

NI · Not Ignitable.

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

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 at less than five times (5x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to 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.

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

P · The RPD between the results for the two columns exceeds the method-specified criteria.

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RDL. (Metals only.)

R · Analytical results are from sample re-analysis.

RE · Analytical results are from sample re-extraction.

J · Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Report Format: Data Usability Report

Project Name:	ALVAREZ HIGH SCHOOL	**Lab Number:**	L0912807
Project Number:	14687.01	**Report Date:**	09/21/09

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised June 17, 2009 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, 4500NH3-F, EPA 120.1, SM2510B, 2340B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, 420.1, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270,)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

Biological Tissue (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

Maine Department of Human Services Certificate/Lab ID: MA0030.

Wastewater (Inorganic Parameters: EPA 120.1, 300.0, SM 2320, 2510B, 2540C, 2540D, EPA 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.

Non-Potable Water (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 Organic Parameters: EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. Organic Parameters: SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

Atmospheric Organic Parameters (EPA TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020 Organic Parameters: SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. Organic Parameters: EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. Organic Parameters: EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

Air & Emissions (EPA TO-15.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID: 68-02089. ***NELAP Accredited.***

Non-Potable Water (Organic Parameters: EPA 5030B, EPA 8260)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via LA-DEQ.***

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7471. Organic Parameters: EPA 8015, 8270.)

U.S. Army Corps of Engineers

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab:

ALPHA Job #: L0912807

Client Information

Client: EA ENGINEERING
Address: 2350 POST ROAD
WARWICK RI 02886
Phone: 401 736-3440 x218
Fax:
Email: rmack@eaest.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ALVAREZ HIGH SCHOOL
Project Location: PROVIDENCE RI
Project #: 14687.01
Project Manager: MARK SPEER
ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

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

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
CT	DRAFT PROPOSED	
RESIDENTIAL	TAC	

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
12807-1	ROOFTOP FAN 1	9/11/09	11:30	—	18	1	SV	RM		139	*			✓					NO ID ON CONTROLLER
2	ROOFTOP FAN 2	↓	11:25	—	28	4	↓	↓		455	U4			↓					PID=31 ppb
3	ROOFTOP FAN 3	↓	10:32	—	30+	1	↓	↓		231	SO			↓					PID=169 ppb

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

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	9/14/09 1140		9/14/09 1140

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

Form No: 101-02 (19-Jun-09)

Appendix F

Laboratory Reporting Limits Correspondence

October 19, 2009

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

From: Katie O'Brien
Alpha Analytical
320 Forbes Blvd
Mansfield, MA 01581

Re: TO15 SIM Reporting Limits

Dear Ron,

As we communicated prior to the TO-15 SIM analyses completed for the Alvarez High School air samples collected on October 9th; 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 508-844-4156 if you have any questions.

Best Regards,

Katie O'Brien

September 21, 2009

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

From: Katie O'Brien
Alpha Analytical
320 Forbes Blvd
Mansfield, MA 01581

Re: TO15 SIM Reporting Limits

Dear Ron,

As we communicated prior to the TO-15 SIM analyses completed for the Alverez High School air samples collected on September 11th; 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 508-844-4156 if you have any questions.

Best Regards,

Katie O'Brien