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EA Engineering, Science, and Technology, Inc.

18 March 2013

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

RE: Quarterly O&M Status Report No. 22
Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island
Case No. 2005-029
EA Project No. 14687.01.0002

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 for the period from December 2012 through February 2013.

If you have any questions or require additional information, please contact me at (401) 736-3440, Ext. 203.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

Frank B. Postma, LSP, LEP, PG
Project Manager

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

Quarterly O&M Status Report No. 22

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.
2374 Post Road, Suite 102
Warwick, Rhode Island 02886
(401) 736-3440

EA Project No. 14687.01.0002
March 2013

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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. 22 for the Parcel B area of the former Gorham Manufacturing site in Providence, Rhode Island, formerly referred to as Adelaide Avenue High School and now referred to as 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 OA 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 December 2012 through February 2013 (Quarterly Reporting Period No. 22) 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 Quarterly O&M Status Reports No. 1 through No. 21 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

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 provided as Figure 3.

- 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 locations were between -0.01 and -0.24 in. of water column. These measurements confirm that continuous negative pressure has been maintained beneath the building slab.

On 12 February 2013 an alarm sounded from the control panel for the indoor methane monitoring system, indicate that power had been lost to the continuous methane sensors. The alarm event is further discussed in Section 2.2, below. Inspections and monitoring of all other system equipment revealed proper system operation. 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

Indoor methane concentrations were continuously monitored by an indoor methane monitoring system (equipped with automatic alarm notification via audible signal and phone notification) within the school at eight RIDEM-approved locations (refer to the Indoor Air Sampling and Methane Monitoring System Diagram provided as Figure 2) during this reporting period. In addition, the methane monitoring system was inspected and filters were replaced on a regular basis.

On 12 February 2013 at approximately 2:00 PM an alarm sounded from the control panel for the indoor methane monitoring system in the administrative office. The alarm was emanating from

the uninterrupted power source (UPS) indicating a power outage or faulty UPS. EA reset the UPS and restarted the indoor methane system. Methane remained undetected (0 parts per million) by the continuous methane sensors following the system restart. The subslab vacuum was verified from several subslab monitoring locations following the system restart. It is presumed that the continuous subslab negative pressure wasn't interrupted during the system outage because the rooftop fans run separately from the indoor methane monitoring system and power was not lost to the entire building. This alarm event was reported to RIDEM and other stakeholders via a 7 March 2013 letter, included as Appendix B.

On February 1, 2013, 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 April 2013.

The indoor methane monitoring system will be scheduled for calibration. The methane concentrations displayed on the main control panel in the administrative office were observed to be inconsistent with the real-time values shown on the continuous methane sensors.

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 1 February 2013. The outdoor ambient sample was collected from the south side of the school (upwind) to ensure that system emission was not captured in the sample. Sampling locations are shown on the Indoor Air Sampling and Methane Monitoring System Diagram provided as Figure 2. The indoor air sampling results were compared to the State of Connecticut's Draft Proposed Indoor Residential Targeted Air Concentrations (CT RTACs) in accordance with the Amended OA. The laboratory method reporting limits (MRLs) for several VOCs reported via TO-15 analysis, even though analyzed via the SIM procedure, were 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 MRL verification letter from Con-Test Analytical Laboratory is provided in Appendix F. A data summary table and copies of the laboratory data reports associated with this sampling event are provided in Appendix C.

Carbon tetrachloride, a documented background ambient compound present at the Site, 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 and 0.77 ug/m^3 (the CT RTAC is 0.5 µg/m^3). Similarly, the ambient outdoor and indoor air concentrations of carbon tetrachloride ranged between 0.51 and 0.55 µg/m^3. Discussions and guidance provided by the Rhode Island Department of Health, RIDEM Office of Waste Management, and RIDEM Office of Air Resources resulted in an understanding that these carbon tetrachloride results do not constitute Indoor Air Action Level exceedances for the Site since they are consistent with documented background concentrations.

All eight samples collected during the January 2013 sampling event contained 1,2-Dichloroethane (1,2-DCA) at concentrations (ranging between 0.076 and 0.099 ug/m^3) exceeding the CT RTAC of 0.07 ug/m^3. Six of the eight samples also exceeded the RIDEM 1,2-DCA Action Level (0.08 ug/m^3). However, 1,2-DCA was detected in the ambient outdoor sample, at a concentration greater than the all of the indoor air samples (0.11 ug/m^3). As 1,2-DCA was detected in the ambient air at a higher concentration than the indoor air samples, EA believes the exceedances result from an external source and not from a soil vapor pathway.

All other compounds analyzed were below the applicable CT RTACs for all samples collected on 1 February 2013.

2.4 SUBSLAB VAPOR SAMPLING AND EVALUATION OF POTENTIAL VOC REBOUND EFFECT

A total of 11 RIDEM-approved subslab sampling locations are installed at the Site. 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 1 February 2013 in accordance with the Amended OA. The subslab data is summarized in Appendix D, along with copies of the laboratory data reports associated with these sampling events.

1,2-DCA was detected in all subslab samples, concentrations ranged from 0.049 ug/m^3 to 0.066 ug/m^3. The fact that the subslab concentrations were less than both the ambient and indoor air concentrations further supports the conclusion that subslab vapor intrusion is not occurring.

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

2.5 SUMMARY OF ROOFTOP VOC EMISSIONS

The Amended OA requires that rooftop VOC sampling be completed on an annual basis. The latest rooftop VOC sampling event was completed last quarter on 20 July 2012 and 31 August 2012 and is summarized in Appendix D. No exceedances of the RIDEM Air Pollution Control Permit Applicability Thresholds for hourly, daily, or yearly emissions were observed. The 2013 annual rooftop effluent VOC sampling event is scheduled for July 2013 to accommodate the quarterly sampling schedule.

Previous rooftop effluent sampling rounds conducted in March 2007 (immediately after SSD system startup), June 2007, June 2008, September 2009, July 2010, and July 2011 indicated compliance with all Air Pollution Control Permit Applicability Thresholds. In general, the VOC concentrations in the rooftop effluent associated with the July 2012 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

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

- The consistent negative pressure maintained below the floor slab indicates that soil vapor intrusion into the Alvarez High School is not occurring.
- Subslab vapor rebound is not occurring at the school, based on analytical data from this sampling event.
- The indoor methane monitoring system alarm on 12 February 2013 does not appear to have interrupted the continuous subslab negative pressure during the outage because the rooftop fans run separately from the indoor methane monitoring system and power was not lost to the entire building. In addition, methane remained undetected (0 parts per million) by the continuous methane sensors following the system restart. The subslab vacuum was verified from several subslab monitoring locations following the system restart.
- The UPS remained functional following manual reset; however, the cause of the temporary failure could not be identified. EA will replace the UPS in response to the failure. EA will continue to monitor the UPS and the indoor methane monitoring system integrity.
- The indoor methane monitoring system will be scheduled for calibration. The methane concentrations displayed on the main control panel in the administrative office were observed to be inconsistent with the real-time values shown on the continuous methane sensors.
- Carbon tetrachloride, a documented background ambient compound present at the Site, 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 and 0.77 ug/m^3. Discussions and guidance provided by the Rhode Island Department of Health, RIDEM Office of Waste Management, and RIDEM Office of Air Resources resulted in an understanding that these carbon tetrachloride results do not constitute Indoor Air Action Level exceedances for the Site since they are consistent with documented background concentrations.

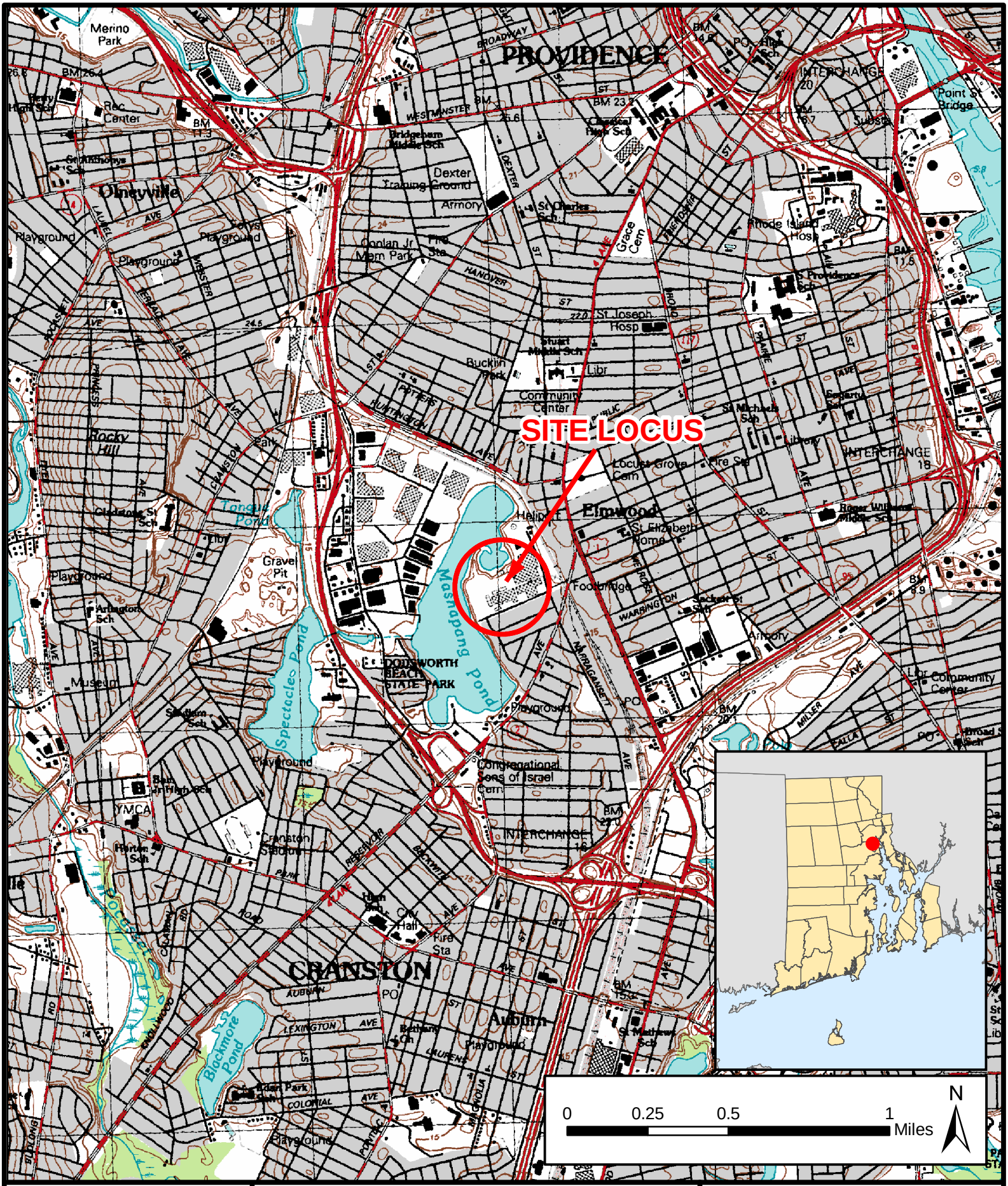
3. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT

The following activities will be completed in accordance with the Amended OA during the next quarterly status reporting period ending 31 May 2013:

- 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; and
- Collection of air samples from eight indoor locations, one ambient location, and six subslab monitoring points in April 2013.

These activities will be summarized in the next status report (Quarterly Status Report No. 23), expected to be submitted by the end of June 2013.

FIGURES



EA	ALVAREZ HIGH SCHOOL 333 ADELAIDE AVENUE PROVIDENCE, RHODE ISLAND					FIGURE 1 SITE LOCUS	
PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
FP	PT	PT	FP	1:24,000	FEBRUARY 2010	14687.01	SITE_LOCUS.MXD

Methane Sensor Location in West Wing

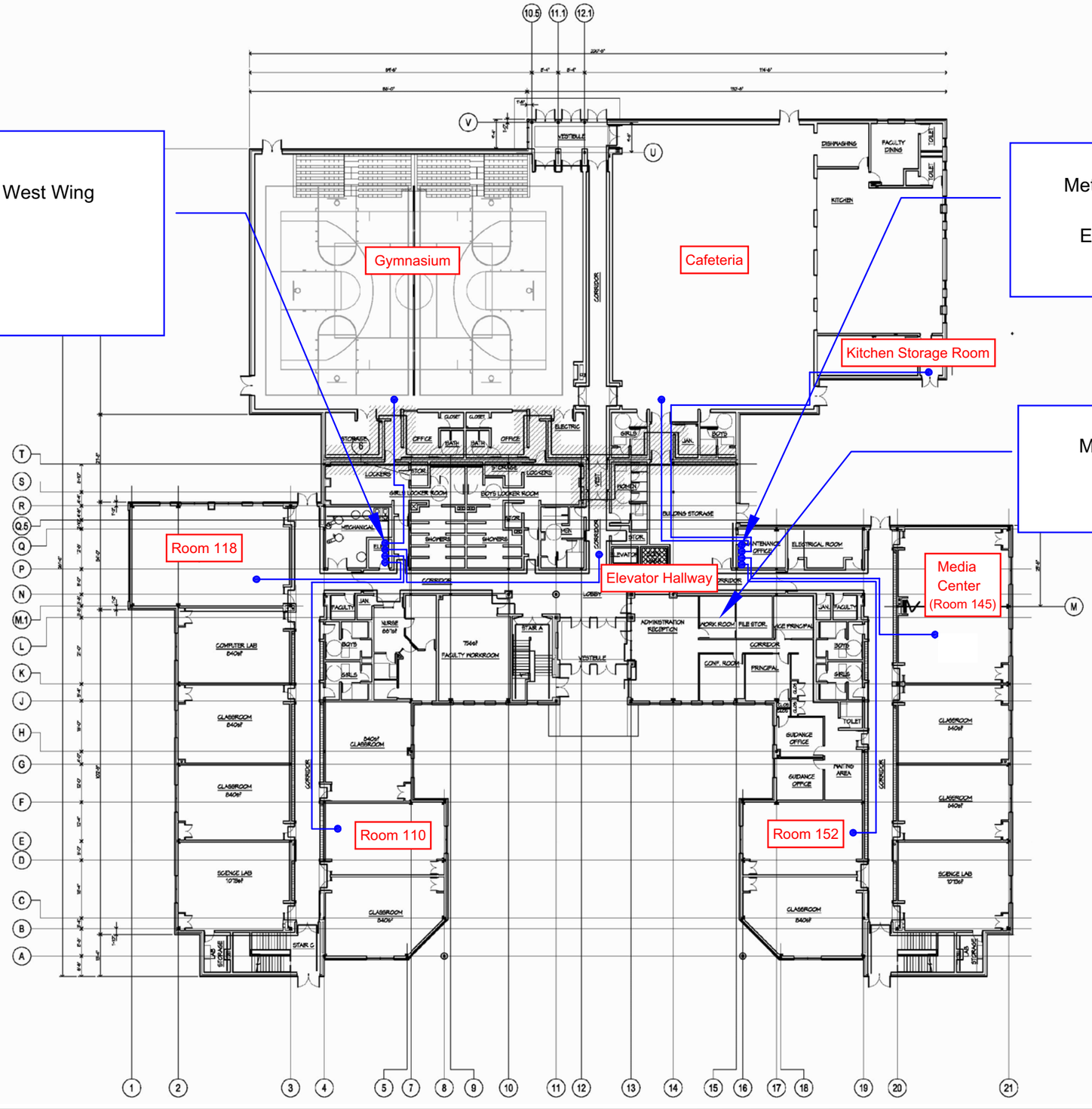
Electrical Room Area

Methane Sensor Location in East Wing

Electrical Room/Maintenance Office Area.

Methane System Controller Location

Administration Work Room



NOTE: NOT TO SCALE

PROJECT NORTH

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

LEGEND :

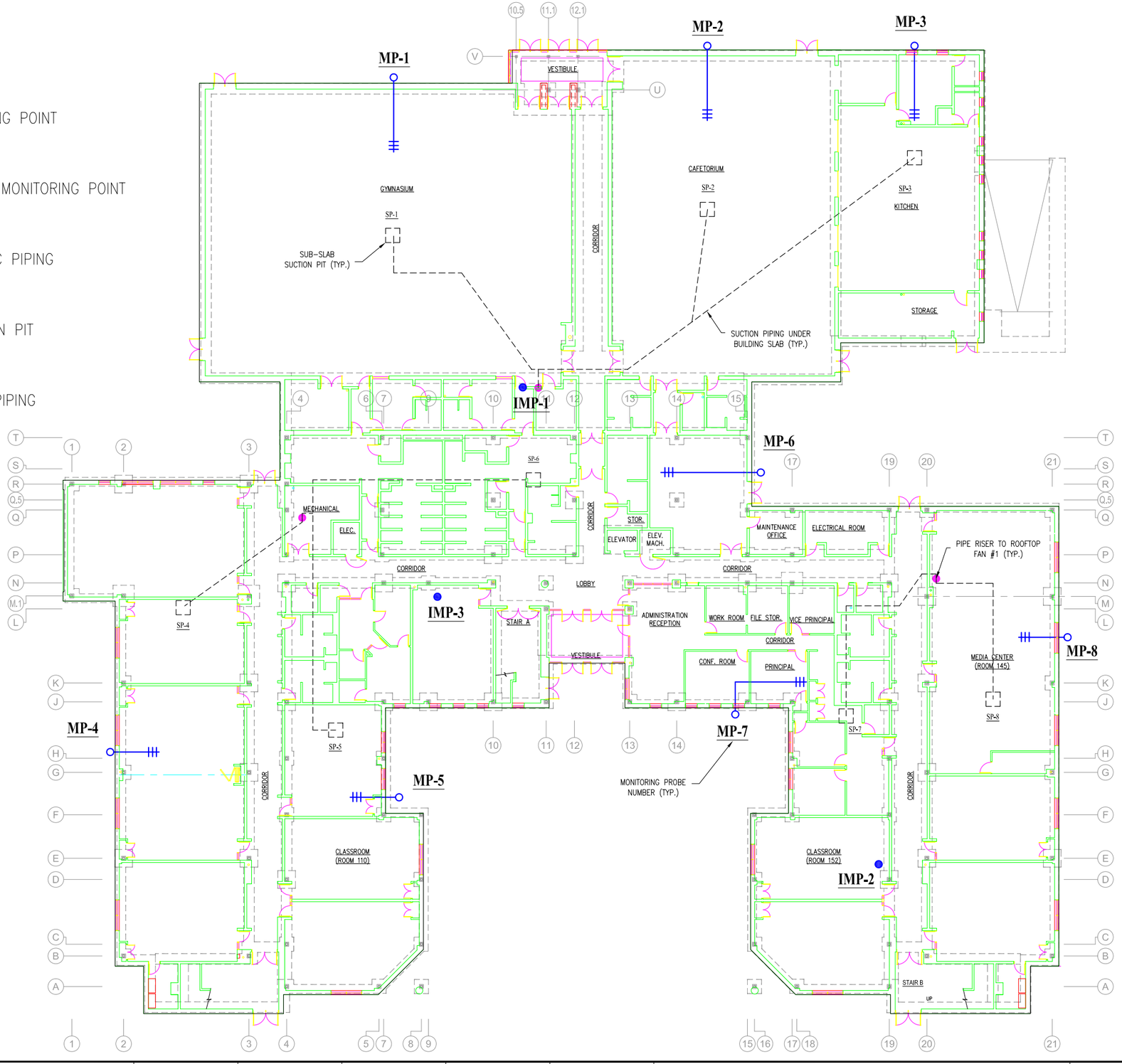
MP-1 SUB–SLAB MONITORING POINT

IMP-1 INTERIOR SUB–SLAB MONITORING POINT

SLOTTED 1 INCH PVC PIPING

SP-1 SSD SYSTEM SUCTION PIT

SOLID 4 INCH PVC PIPING



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

Alvarez High School - SSD & Interior Methane Monitoring System O&M Form

Date of O&M: 2/28/2013 Performed by: H. Hunter

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

Date of last Methane Sensor Filter Replacement: 2/1/2013 Replaced this O&M Visit? No (yes/no)

General Status of SSD System: online and operational

General Status of Methane Monitoring System: online and operational

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 (ppb)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA	NA	0	0	0	0	--	--	--	--	--	--	
Cafeteria	NA	NA	0	0	0	0	--	--	--	--	--	--	
Kitchen Storage Room	NA	NA	0	0	0	0	--	--	--	--	--	--	
Elevator Hallway	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 145	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 152	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 118	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 110	NA	NA	0	0	0	0	--	--	--	--	--	--	
MP-1	-0.08	NA	644	NA	0	0	--	--	--	--	--	--	
MP-2	-0.12	NA	4473	NA	0	0	--	--	--	--	--	--	
MP-3	-0.09	NA	6095	NA	0	0	--	--	--	--	--	--	
MP-4	-0.12	NA	930	NA	0	0	--	--	--	--	--	--	
MP-5	-0.09	NA	145	NA	0	0	--	--	--	--	--	--	
MP-6	-0.10	NA	2979	NA	0	0	--	--	--	--	--	--	
MP-7	-0.04	NA	112	NA	0	0	--	--	--	--	--	--	
MP-8	-0.12	NA	3153	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.01	NA	4	NA	0	0	--	--	--	--	--	--	
IMP-2	-0.01	NA	28	NA	0	0	--	--	--	--	--	--	
IMP-3	-0.02	NA	20	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 1	-2.60	2922	60	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-1.80	2357	26	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.40	2597	21	NA	0	0	--	--	--	--	--	--	
Ambient Outdoor Air	NA	NA	0	NA	0	0	--	--	--	--	--	--	

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.

Alvarez High School - SSD & Interior Methane Monitoring System O&M Form

Date of O&M: 2/1/13 (for Jan 2013) Performed by: P. Theroux, H. Hunter, and M. Russo

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

Date of last Methane Sensor Filter Replacement: 2/1/13 Replaced this O&M Visit? yes (yes/no)

General Status of SSD System: online and operational

General Status of Methane Monitoring System: online and operational

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 (ppb)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA	NA	0	0	0	0	1846	4187	0800	-29	0828	-6	
Cafeteria	NA	NA	0	0	0	0	1756	4185	0755	-29	0824	-5	
Kitchen Storage Room	NA	NA	0	0	0	0	1841	4186	0757	-28	0825	-7	
Elevator Hallway	NA	NA	0	0	0	0	1451	4184	0801	-28	0829	-6	
Room 145	NA	NA	0	0	0	0	1231	4182	0816	-30	0844	-6	
Room 152	NA	NA	0	0	0	0	1172	4084	0808	-30	0838	-6	
Room 118	NA	NA	0	0	0	0	1301	4106	0819	-30	0849	-6	
Room 110	NA	NA	15	0	0	0	1220	4105	0820	-30	0850	-8	
MP-1	-0.03	NA	151	NA	0	0	1857	4073	1034	-29	1103	-5	
MP-2	-0.13	NA	0	NA	0	0	--	--	--	--	--	--	
MP-3	-0.07	NA	83	NA	0	0	1059	4072	1038	-30	1018	-5	
MP-4	-0.13	NA	1328	NA	0	0	1090	4083	1053	-29	1123	-5	
MP-5	-0.07	NA	332	NA	0	0	--	--	--	--	--	--	
MP-6	-0.11	NA	514	NA	0	0	1870	4188	1046	-28	1016	-5	
MP-7	-0.03	NA	33	NA	0	0	--	--	--	--	--	--	
MP-8	-0.12	NA	49	NA	0	0	--	--	--	--	--	--	
IMP-1	0.00	NA	95	NA	0	0	1108	4189	0952	-29	1022	-4	
IMP-2	-0.01	NA	1087	NA	0	0	1123	4183	0814	-29	0843	-6	
IMP-3	-0.01	NA	369	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 1	-2.0	3102	101	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-1.8	2030	36	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.5	2117	101	NA	0	0	--	--	--	--	--	--	
Ambient Outdoor Air	NA	NA	0	NA	0	0	1877	4107	1042	-30	1113	-5	

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.

Alvarez High School - SSD & Interior Methane Monitoring System O&M Form

Date of O&M: 1/4/13 (for Dec 2012) Performed by: P. Theroux

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

Date of last Methane Sensor Filter Replacement: 11/1/12 Replaced this O&M Visit? No (yes/no)

General Status of SSD System: online and operational

General Status of Methane Monitoring System: online and operational

Eng. Cap/Fence Inspection Performed/Notes: Observed in good condition; however, snow cover restricted ground visibility

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 (ppb)	Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA	NA	0	0	0	0	--	--	--	--	--	--	
Cafeteria	NA	NA	0	0	0	0	--	--	--	--	--	--	
Kitchen Storage Room	NA	NA	6	0	0	0	--	--	--	--	--	--	
Elevator Hallway	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 145	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 152	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 118	NA	NA	0	0	0	0	--	--	--	--	--	--	
Room 110	NA	NA	0	0	0	0	--	--	--	--	--	--	
MP-1	-0.06	NA	0	NA	0	0	--	--	--	--	--	--	
MP-2	-0.12	NA	99	NA	0	0	--	--	--	--	--	--	
MP-3	-0.06	NA	850	NA	0	0	--	--	--	--	--	--	
MP-4	-0.13	NA	0	NA	0	0	--	--	--	--	--	--	
MP-5	-0.14	NA	42	NA	0	0	--	--	--	--	--	--	
MP-6	-0.14	NA	1457	NA	0	0	--	--	--	--	--	--	
MP-7	-0.20	NA	0	NA	0	0	--	--	--	--	--	--	
MP-8	-0.16	NA	0	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.01	NA	216	NA	0	0	--	--	--	--	--	--	
IMP-2	-0.01	NA	477	NA	0	0	--	--	--	--	--	--	
IMP-3	-0.01	NA	296	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 1	-2.0	2888	79	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-2.0	2121	99	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.8	2293	0	NA	0	0	--	--	--	--	--	--	
Ambient Outdoor Air	NA	NA	0	NA	0	0	--	--	--	--	--	--	

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

12 February 2013 Alarm Response Letter

EA Engineering, Science, and Technology, Inc.

Airport Professional Park
2374 Post Road, Suite 102
Warwick, Rhode Island 02886
Telephone: 401-736-3440
Fax: 401-736-3423
www.eaest.com

7 March 2013

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

RE: Indoor Methane Monitoring System Alarm Response Memorandum
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 Department of Public Schools, EA Engineering, Science, and Technology, Inc. (EA) is providing this summary of indoor methane monitoring system alarm response actions conducted at the referenced Alvarez High School site (the Site) on 12 February 2013.

Alvarez High School personnel contacted EA at approximately 2:00 PM on 12 February 2013 to notify EA of an alarm sounding from the control panel for the indoor methane monitoring system in the administrative office. EA arrived at the site at approximately 3:00 PM and discovered an alarm emanating from the PS-7000 Channel Controller unit in the school's administrative office.

Upon closer inspection, it was determined that the alarm sounding was from the uninterrupted power supply (UPS). EA reset the UPS and restarted the indoor methane monitoring system. Methane remained undetected (0 parts per million) by the continuous methane sensors following the system restart. The subslab vacuum was verified from several subslab monitoring locations following the system restart. It is presumed that the continuous subslab negative pressure wasn't interrupted during the system outage because the rooftop fans run separately from the indoor methane monitoring system and power was not lost to the entire building.

The UPS remained functional following manual reset; however, the cause of the temporary failure could not be identified. EA will replace the UPS in response to the failure and continue to monitor the UPS and the indoor methane monitoring system integrity.

EA contacted the manufacturer (DOD Industries, Inc.) of the PS-7000 Channel Controller to determine if a temporary loss of power would affect the unit's internal calibration curves. The technician recommended re-calibration of the unit to assure that the curves were not affected. EA is scheduling the site visit and re-calibration and will include the results in our next status report.

Your office will be notified if it is determined that this issue persists or if any other issues arise. If you have any questions or require additional information, please contact me at (401) 736-3440, Ext. 203.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

Frank B. Postma, LSP, LEP, PG
Senior Project Manager

FBP/pat

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

APPENDIX C

Indoor and Ambient Outdoor Air Analytical Summary and Lab Report

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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	Room 149	Qual	Room 234	Qual	Ambient Outdoor	Qual
Acetone	8-Feb-08		20.200		8.240		4.750	U	4.750	U	6.870		8.060		4.750	U	4.780						4.750	U
	27-Mar-08 [2]		576.000		186.000		108.000		89.900		24.700		38.300		76.700		47.400						5.870	
	25-Apr-08		61.700		12.900		19.000		15.100		14.800		18.600		12.500		17.100						6.670	
	29-May-08		19.500		16.000		12.800		16.200		10.900		17.200		13.200		11.600						7.480	
	27-Jun-08		87.900		20.000		20.500		27.700		28.900		29.000		26.000		29.800						19.700	
	31-Jul-08		32.200		17.200		20.800		16.800		23.800		20.000		18.600		23.500						20.000	
	28-Aug-08		33.100		21.100		21.500		25.800		27.000		32.400		29.100		23.800						37.000	
	30-Sep-08		39.400		10.400		7.600		11.200		44.800		29.900		19.600		55.600						6.800	
	27-Oct-08		56.200		23.100		14.900		24.100		15.900		26.500		34.300		25.100						109.000	
	25-Nov-08		21.300		8.200		5.300		14.000		15.600		9.700		6.500		10.000						7.000	
	18-Dec-08		39.300		18.500		16.900		21.500		23.100		41.900		22.000		28.800						40.000	
	21-Jan-09		5.300		2.400		2.400	U	3.600		5.600		5.000		3.300		4.000						2.400	U
	25-Feb-09		2.400	U	2.900		2.400	U	NS		9.600		5.000		3.800		4.100						2.400	U
	26-Mar-09		34.400		10.700		8.820		11.300		13.800		12.000		10.500		12.000						9.680	
	29-Apr-09		4.750	U	5.700		7.230		8.240		19.200		9.420		7.570		9.610						7.700	
	22-Jul-09		2.370	U	13.100		18.700		11.700		28.900		29.400		17.100		19.400						11.000	
	9-Oct-09		19.500		10.100		9.220		11.000		15.500		12.000		10.600		11.600						8.570	
	15-Jan-10	180.0	11.900		8.160		5.080		6.700		7.320		7.270		5.260		8.110						6.190	
	21-Apr-10		26.700		22.000		23.200		23.200		19.300		19.900		21.800		20.500						4.960	
	16-Jul-10		28.200		16.500		13.800		16.100		36.900		24.900		40.700		16.000						14.300	
	15-Oct-10		32.700		8.180		4.750	U	11.500		7.360		6.010		5.530		6.690						7.630	
	30-Nov-10		NS		13.200		13.000		NS		NS		NS		6.460		NS						NS	
	26-Jan-11		28.500		20.800		11.600		14.900		13.500		33.200		12.600		24.000		21.500		15.900		9.850	
	26-Jan-11**		NS		17.000		15.000		NS		NS		NS		12.000		NS						NS	
	27-Apr-11		6.820		12.800		11.300		14.700		14.600		7.550		12.300		5.930						5.600	
	26-Jul-11		51.800		48.000		22.800		82.200		28.700		7.170		25.400		39.400						8.840	
	28-Oct-11		17.000		12.000		7.400		9.900		11.000		9.700		13.000		15.000						8.000	
	23-Jan-12		15.000		15.000		18.000		18.000		10.000		37.000		19.000		18.000						13.000	
	13-Apr-12		11.000		16.000		11.000		11.000		11.000		21.000		9.100		19.000						24.000	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		21.000						9.100	
	20-Jun-12		19.000		22.000		17.000		21.000		20.000		15.000		15.000		22.000						11.000	
	1-Nov-12		12.000		11.000		9.500		16.000		8.300		12.000		13.000		11.000						9.000	
	1-Feb-13		16.000		15.000		12.000		14.000		9.100		39.000		16.000		18.000						8.200	
Acrylonitrile	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
	15-Jan-10	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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		1.080	U	0.108	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U					1.080	U
	30-Nov-10		NS		1.080	U	1.080	U	NS		NS		NS		1.080	U	NS						NS	
	26-Jan-11		1.850	U	1.840	U	1.850	U	0.185	U	1.850	U	1.840	U	1.840	U	1.850	U	1.840	U	1.850	U	1.840	U
	26-Jan-11**		NS						NS		NS		NS				NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U					0.250	U
	23-Jan-12		0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U					0.440	U
	13-Apr-12		0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U					0.500	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.370	U					0.370	U
	20-Jun-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Nov-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Feb-13		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
Benzene	8-Feb-08		0.910		0.840		0.730		0.780		0.810		0.800		0.750		0.790						0.870	
	27-Mar-08		1.420		1.350		1.600		1.420		0.218		2.130		1.730		1.680						0.372	
	25-Apr-08		1.360		1.300		0.638		1.400		1.150		1.270		1.130		1.120						0.413	
	29-May-08		0.370		0.430		0.300		0.400		0.300		0.450		0.410		0.310						0.230	
	27-Jun-08		0.631		0.603		0.666		0.644		0.657		0.604		0.849		0.582						0.726	
	31-Jul-08		0.568		0.477		0.419		0.451		0.528		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		1.020						1.280	
	30-Sep-08		1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	0.204	1.600	U					1.600	U
	27-Oct-08		2.100		1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.900						3.600	
	25-Nov-08		1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
	18-Dec-08		1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
	21-Jan-09		1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
	25-Feb-09		1.600	U	1.600	U	1.600	U	NS		1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
	26-Mar-09		2.330		1.840		1.740		1.650		1.540		2.210		0.316		1.880						2.390	
	29-Apr-09		0.594		0.358		0.332		0.332		0.303		0.358		1.460		0.335						0.351	
	22-Jul-09		0.626		0.546		0.642		0.574		0.852		1.560		1.460		1.080						4.330	
	9-Oct-09		1.130		0.954		0.903		0.878		0.919		1.050		1.070		0.996						1.100	
	15-Jan-10	3.3	1.670		1.510		1.340		1.460		1.420		1.450		1.540		1.550						1.370	
	21-Apr-10		1.020		1.320		1.080		1.380		1.270		1.210		1.230		1.240						0.335	
	16-Jul-10		0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.485		0.319	U					0.319	U
	15-Oct-10		0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U					0.319	U
	30-Nov-10		NS		0.514		0.594		NS		NS		NS		0.412		NS						NS	
	26-Jan-11		2.920		2.890		2.970		3.290		2.940		3.430		2.560		3.660		2.940		2.850		3.350	
	26-Jan-11**		NS		3.600		3.800		NS		NS		NS		3.800		NS						NS	
	27-Apr-11		0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U					0.319	U
	26-Jul-11		0.559		0.664		0.319	U	0.326		0.319	U	0.319	U	0.329		0.319	U					0.319	U
	28-Oct-11		0.640		0.500		0.380		0.390		0.410		0.450		0.460		0.430						0.300	
	23-Jan-12		1.300		1.200		1.200		1.200		1.200		1.200		1.200		1.300						1.200	
	13-Apr-12		0.680		0.670		0.590		0.600		0.580		0.650		0.580		0.520						0.220	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.290						0.140	
	20-Jun-12		0.490		0.540		0.410		0.510		0.520		0.440		0.460		0.540						0.740	
	1-Nov-12		1.300		1.000		0.770		1.200		0.990		1.500		1.700		1.300						0.470	
	1-Feb-13		0.470		0.410		0.400		0.420		0.410		0.490		0.500		0.430						0.410	

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Bromodichloromethane	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	0.130	U	0.130	U	0.134	U	0.130	U	0.231		0.134	U					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		0.130	U					0.130	U
	27-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
	18-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	0.034/0.13	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		0.134	U	0.134	U	0.134	U	0.134	U	0.134		0.134	U	0.134	U	0.134	U					0.134	U
	30-Nov-10		NS		0.134	U	0.134	U	NS		NS		NS		0.134	U	NS						NS	
	26-Jan-11		0.228	U	0.228	U	0.228	U	0.228	U	0.228	U	0.227	U	0.228	U	0.228	U	0.228		0.228	U	0.228	U
	26-Jan-11**		NS		0.340	U	0.340	U	NS		NS		NS		0.340	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.067	U
	23-Jan-12		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
	13-Apr-12		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.130	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.100	U					0.100	U
	20-Jun-12		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
	1-Nov-12		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U					0.067	U
	1-Feb-13		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U					0.067	U
Bromoform	8-Feb-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
	27-Mar-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
	25-Apr-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.210	U					0.206	U
	29-May-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
	27-Jun-08		0.206	U	0.210	U	0.206	U	0.206	U	0.210	U	0.210	U	1.300		0.210	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		0.206	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
	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
	18-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	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U					0.410	U
	25-Feb-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
	26-Mar-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
	29-Apr-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
	22-Jul-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
	9-Oct-09	0.55	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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
	30-Nov-10		NS		0.206	U	0.206	U	NS		NS		NS		0.206	U	NS						NS	
	26-Jan-11		0.353	U	0.351	U	0.352	U	0.352	U	0.353	U	0.351	U	0.351	U	0.353	U	0.351	U	0.352	U	0.351	U
	26-Jan-11**		NS		0.540	U	0.520		NS		NS		NS		0.520	U	NS						NS	
	27-Apr-11		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-Jul-11		0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U					0.207	U
	28-Oct-11		0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U					0.210	U
	23-Jan-12		0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.035	U	0.360	U					0.360	U
	13-Apr-12		0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U					0.410	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.310	U					0.310	U
	20-Jun-12		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
	1-Nov-12		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
	1-Feb-13		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
2-Butanone	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		8.560		6.540		5.650		5.140		3.950		4.440		0.360		5.680						1.470	U
	25-Apr-08		2.140		1.470	U	3.170		1.470	U	1.470	U	1.470		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		3.050		2.420		2.840		2.340						3.080	
	31-Jul-08		2.080		1.720		3.080		1.650		2.080		2.160		1.470	U	1.490						1.470	U
	30-Sep-08		2.280		1.790		3.980		3.980		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	2.200		1.500	U	1.500	U	6.100						1.500	U
	27-Oct-08		1.900		3.200		1.500	U	3.600		1.500	U	2.000		1.500		2.300						2.800	
	25-Nov-08		2.600		1.500		1.500	U	1.900		1.500	U	1.500	U	2.900		1.500	U					1.600	
	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	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U					1.500	U
	25-Feb-09		1.500	U	1.500	U	0.079	U	NS		1.500	U	1.500	U	1.500	U	1.500	U					1.500	U
	26-Mar-09		2.410		1.560		1.470	U	1.470	U	1.590		1.470	U	1.470	U	1.470	U					1.470	U
	29-Apr-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
	22-Jul-09		1.470	U	1.470	U	4.750		1.470	U	2.070		21.900		1.740		1.480						4.360	
	9-Oct-09	500.0	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
	15-Jan-10		6.610		1.470	U	1.470	U	1.470		1.470	U	1.470	U	1.470	U	1.470	U					1.470	U
	21-Apr-10		1.850		1.470	U	2.770		1.590		1.480		1.470	U	1.470	U	1.470	U					1.470	U
	16-Jul-10		2.520		1.900		2.100		2.210		3.180		2.800		24.600		1.870						1.630	
	15-Oct-10		4.300		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U					0.021	I
	30-Nov-10		NS		1.470	U	1.470	U	NS		NS		NS		1.470	U	NS						NS	
	26-Jan-11		2.720		3.190		2.510	U	2.510	U	2.520	U	2.500	U	2.640		2.710		2.500	U	2.510	U	2.500	U
	26-Jan-11**		NS		2.300		2.100		NS		NS		NS		1.600		NS						NS	
	27-Apr-11		1.470	U	1.470	U	2.220		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U					1.470	U
	26-Jul-11		1.600		1.470	U	2.320		1.520		1.470	U	1.470	U	1.470	U	3.010						1.470	U
	28-Oct-11		3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U					2.400	U
	23-Jan-12		4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U					4.100	U
	13-Apr-12		3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.600		3.500	U	3.500	U					4.700	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		3.500	U					3.500	U
	20-Jun-12		2.600		2.400	U	3.300		2.700		2.800		2.400	U	2.400	U	2.400	U					2.400	U
	1-Nov-12		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U					2.400	U
	1-Feb-13		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U					2.400	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
n-Butylbenzene	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	23.300		5.500	U	5.500	U	73.000						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	6.300		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	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	73.0	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
	15-Jan-10		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-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		2.740	U	2.740	U	NS		NS		NS		2.740	U	NS						NS	
	26-Jan-11		0.468	U	4.660	U	4.680	U	4.670	U	4.680	U	4.660	U	4.660	U	4.680	U	4.660	U	4.680	U	4.660	U
	26-Jan-11**		NS						NS		NS		NS				NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U					0.320	U
	23-Jan-12		0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U					0.550	U
	13-Apr-12		0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U					0.630	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.470	U					0.470	U
	20-Jun-12		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U					0.320	U
	1-Nov-12		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U					0.320	U
	1-Feb-13		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U					0.320	U
sec-Butylbenzene	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	5.500	U	56.600						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	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	2.460	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	73.0	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
	15-Jan-10		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-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		2.740	U	2.74	U	NS		NS		NS		2.740	U	NS						NS	
	26-Jan-11		0.468	U	4.660	U	4.680	U	4.670	U	4.680	U	4.660	U	4.660	U	4.680	U	4.660	U	4.680	U	4.660	U
	26-Jan-11**		NS						NS		NS		NS				NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U					0.250	U
	23-Jan-12		0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U					0.440	U
	13-Apr-12		0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U					0.500	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.380	U					0.380	U
	20-Jun-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Nov-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Feb-13		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
Carbon tetrachloride	8-Feb-08		0.500		0.480		0.440		0.450		0.460		0.470		0.470		0.470						0.470	
	27-Mar-08		0.540		0.541		0.547		0.537		0.580		0.577		0.552		0.586						0.565	
	25-Apr-08		0.436		0.439		0.405		0.441		0.448		0.439		0.465		0.450						0.416	
	29-May-08		0.470		0.470		0.450		0.470		0.480		0.490		0.520		0.460						0.460	
	27-Jun-08		0.544		0.535		0.526		0.534		0.526		0.538		0.555		0.547						0.537	
	31-Jul-08		0.526		0.532		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		0.566		0.559		0.556		0.572						0.551	
	30-Sep-08		0.489		0.446		0.404		0.497		0.461		0.250	U	0.491		0.531						0.547	
	27-Oct-08		0.370		0.510		0.260		0.450		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	
	18-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		0.460		0.570		0.460		0.500		0.490		0.570		0.540						0.620	
	25-Feb-09		0.360		0.190		0.380		NS		4.000		0.400		0.410		0.400						0.440	
	26-Mar-09		0.568		0.592		0.542		0.561		0.584		0.561		0.566		0.542						0.604	
	29-Apr-09		0.534		0.522		0.597		0.534		0.528		0.622		0.578		0.559						0.515	
	22-Jul-09		0.597		0.591		0.585		0.597		0.585		0.585		0.578		0.585						0.591	
	9-Oct-09	0.5	0.503		0.566		0.471		0.497		0.471		0.497		0.478		0.484						0.478	
	15-Jan-10		0.585		0.603		0.578		0.597		0.585		0.610		0.616		0.610						0.635	
	21-Apr-10		0.490		0.547		0.559		0.484		0.126	U	0.459		0.530		0.490						0.484	
	16-Jul-10		0.497		0.503		0.484		0.528		0.465		0.547		0.484		0.484						0.541	
	15-Oct-10		0.459		0.427		0.509		0.434		0.440		0.408		0.453		0.446						0.503	
	30-Nov-10		NS		0.478		0.559		NS		NS		NS		0.484		NS						NS	
	26-Jan-11		0.558		0.502		0.504		0.567		0.472		0.566		0.481		0.558		0.481		0.557		0.481	
	26-Jan-11**		NS		0.540		0.500		NS		NS		NS		0.500		NS						NS	
	27-Apr-11		0.371		0.358		0.364		0.408		0.352		0.364		0.358		0.358						0.434	
	26-Jul-11		0.409		0.442		0.409		0.428		0.402		0.421		0.402		0.421						0.459	
	28-Oct-11		0.410		0.380		0.430		0.430		0.420		0.410		0.430		0.430						0.440	
	23-Jan-12		0.490		0.490		0.480		0.480		0.470		0.460		0.490		0.460						0.480	
	13-Apr-12		0.480		0.490		0.420		0.460		0.450		0.460		0.470		0.460						0.300	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.390						0.400	
	20-Jun-12		0.560		0.610		0.520		0.530		0.590		0.500		0.550		0.570						0.490	
	1-Nov-12		0.510		0.520		0.480		0.400		0.480		0.490		0.520		0.490						0.530	
	1-Feb-13		0.520		0.510		0.520		0.510		0.550		0.510		0.520		0.510						0.540	

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Chlorobenzene	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		0.092	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	0.090	U	0.090	U	0.092	U	0.090	U	0.090	U	0.314		0.092	U					0.092	U
	31-Jul-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
	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		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		0.092	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	37.0	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.092	U	0.092	U	NS		NS		NS		0.092	U	NS						NS	
	26-Jan-11		0.157	U	0.156	U	0.157	U	0.157	U	0.157	U	0.156	U	0.156	U	0.157	U	0.156	U	0.157	U	0.156	U
	26-Jan-11**		NS		0.230	U	0.230	U	NS		NS		NS		0.230	U	NS						NS	
	27-Apr-11		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-Jul-11		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
	28-Oct-11		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U					0.046	U
	23-Jan-12		0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U					0.160	U
	13-Apr-12		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U					0.180	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.140	U					0.140	U
	20-Jun-12		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
	1-Nov-12		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
	1-Feb-13		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
Chloroethane	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		0.062		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		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	1.300	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
	29-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
	22-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	500.0	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.053	U	0.053	U	NS		NS		NS		0.053	U	NS						NS	
	26-Jan-11		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	0.090	U	0.090	U
	26-Jan-11**		NS		0.130	U	0.130	U	NS		NS		NS		0.130	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U					0.053	U
	23-Jan-12		0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U					0.093	U
	13-Apr-12		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U					0.110	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.079	U					0.079	U
	20-Jun-12		0.072		0.150		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U
	1-Nov-12		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.061		0.053	U	0.053	U					0.053	U
	1-Feb-13		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	8-Feb-08		0.110		0.100		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		0.690		0.593		0.523		0.410		0.337		0.605		0.503						0.098	U
	25-Apr-08		0.186		0.210		0.193		0.122		0.125		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		0.238		0.257		0.202		0.207		0.196		0.200		0.245		0.223						0.167	
	31-Jul-08		0.230		0.151		0.136		0.194		0.204		0.227		0.098	U	0.106						0.098	U
	28-Aug-08		0.342		0.373		0.298		0.312		0.269		0.602		0.269		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		0.098	U	0.109						0.108	
	29-Apr-09		0.190		0.122		0.098	U	0.102		0.102		0.098	U	0.146		0.098	U					0.098	U
	22-Jul-09		0.229		0.151		0.166		0.141		0.205		0.180		0.146		0.171						0.439	
	9-Oct-09	0.5	0.576		0.098	U	0.283		0.302		0.283		0.307		0.322		0.302						0.171	
	15-Jan-10		0.527		0.473		0.122		0.132		0.112		0.117		0.117		0.180						1.070	
	21-Apr-10		0.156		0.790		0.205		0.771		0.136		0.141		1.460		0.224						0.098	U
	16-Jul-10		0.317		0.249		0.141		0.161		0.190		0.141		0.258		0.156						0.132	
	15-Oct-10		0.263		0.195		0.098	U	0.102		0.098	U	0.098	U	0.107		0.098	U					0.098	
	30-Nov-10		NS		0.234		0.112		NS		NS		NS		0.098	U	NS						NS	
	26-Jan-11		0.350		0.340		0.166	U	0.241		0.166	U	0.182		0.166	U	0.166		0.166	U	0.166		0.166	U
	26-Jan-11**		NS		0.380		0.240	U	NS		NS		NS		0.240	U	NS						NS	
	27-Apr-11		0.098	U	0.220		0.098	U	0.141		0.098	U	0.098	U	0.098	U	0.098	U					0.098	U
	26-Jul-11		0.230		0.249		0.166		0.986		0.166		0.127		0.244		0.156						0.146	
	28-Oct-11		0.120		0.110		0.085		0.097		0.079		0.082		0.082		0.082						0.049	U
	23-Jan-12		0.170	U	0.240		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U					0.170	U
	13-Apr-12		0.270		0.420		0.140		0.270		0.130		0.130		0.130		0.280						0.098	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.100						0.094	
	20-Jun-12		0.210		0.520		0.140		0.220		0.180		0.140		0.140		0.580						0.110	
	1-Nov-12		0.098		0.140		0.082		0.100		0.088		0.110		0.110		0.100						0.072	
	1-Feb-13		0.390		0.240		0.088		0.120		0.088		0.092		0.092		0.088						0.098	

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Chloromethane	8-Feb-08		2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.460		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
	25-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		2.790		3.000		7.100		11.000		2.940		6.280		6.420		2.770						2.440	U
	27-Jun-08		2.650		2.440	U	2.440	U	2.830		3.260		2.620		2.440	U	2.500						2.440	U
	31-Jul-08		3.580		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		3.150		2.440	U	2.540		2.540						2.440	U
	30-Sep-08		1.400		1.300		1.100		1.400		1.000	U	1.700		1.600		1.000	U					1.200	
	27-Oct-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.200		1.000		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	1.300						1.000	U
	21-Jan-09		1.000	U	1.000	U	1.000	U	1.500		1.000		1.000	U	1.400		1.100						1.200	
	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		2.680		2.550		2.920		2.910		2.440	U	2.440	U	2.440	U					2.440	U
	29-Apr-09		2.710		2.910		3.600		3.730		3.130		2.660		3.390		2.960						2.510	
	22-Jul-09		2.670		2.520		2.660		2.540		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
	15-Jan-10	14.0	3.850		3.690		2.820		3.180		3.240		3.630		3.120		3.750						2.600	
	21-Apr-10		2.550		2.440	U	2.440	U	2.440	U	2.440	U	2.400	U	2.520		2.440	U					2.460	
	16-Jul-10		1.510		1.660		1.050		1.090		1.680		1.110		1.300		1.100						1.510	
	15-Oct-10		1.080		1.080		1.030	U	1.050		1.030	U	1.030	U	1.030	U	1.030	U					1.030	U
	30-Nov-10		NS		1.030	U	1.030	U	NS		NS		NS		1.030	U	NS						NS	
	26-Jan-11		1.760	U	1.750	U	1.760	U	1.760	U	1.760	U	1.750	U	1.750	U	1.760	U	1.750	U	1.760	U	1.750	U
	26-Jan-11**		NS		1.100		1.000		NS		NS		NS		1.000		NS						NS	
	27-Apr-11		1.050		1.660		1.400		2.160		1.440		1.510		1.740		1.460						1.270	
	26-Jul-11		1.160		1.600		1.030	U	1.120		1.030	U	1.030	U	1.030	U	1.030	U					1.030	
	28-Oct-11		1.400		1.000		1.300		1.500		1.300		0.960		1.000		1.100						1.300	
	23-Jan-12		1.300		1.100		1.100		1.200		1.400		1.900		1.400		1.500						1.100	
	13-Apr-12		1.300		1.400		1.400		1.500		1.100		1.000		1.000		1.200						0.840	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		1.500						1.100	
	20-Jun-12		1.700		0.041	U	0.041	U	0.041	U	0.041	U	0.041	U	1.500		0.041	U					1.300	
	1-Nov-12		1.100		1.100		0.910		1.200		1.000		1.200		1.100		1.100						0.990	
	1-Feb-13		1.200		1.300		1.200		1.200		1.200		1.400		1.300		1.100						1.100	
Dibromochloromethane	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	0.100	U	0.096	U	0.100	U	0.308		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
	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		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
	18-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	None	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.170	U	0.170	U	NS		NS		NS		0.170	U	NS						NS	
	26-Jan-11		0.291	U	0.289	U	0.290	U	0.290	U	0.291	U	0.289	U	0.289	U	0.291	U	0.289	U	0.290	U	0.289	U
	26-Jan-11**		NS		0.430	U	0.430	U	NS		NS		NS		0.430	U	NS						NS	
	27-Apr-11		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
	26-Jul-11		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
	28-Oct-11		0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U					0.170	U
	23-Jan-12		0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U					0.300	U
	13-Apr-12		0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U					0.340	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.130	U					0.130	U
	20-Jun-12		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
	1-Nov-12		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U					0.085	U
	1-Feb-13		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
1,2-Dibromoethane (EDB)	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	0.150	U	0.154	U	0.154	U	0.150	U	0.150	U	0.629		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
	21-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
	9-Oct-09	0.0028/0.15	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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
	30-Nov-10		NS		0.154	U	0.154	U	NS		NS		NS		0.154	U	NS						NS	
	26-Jan-11		0.262	U	0.261	U	0.262	U	0.261	U	0.262	U	0.261	U	0.261	U	0.262	U	0.261	U	0.262	U	0.261	U
	26-Jan-11**		NS		0.380	U	0.380	U	NS		NS		NS		0.380	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U					0.077	U
	23-Jan-12		0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U					0.270	U
	13-Apr-12		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U					0.150	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.120	U					0.120	U
	20-Jun-12		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
	1-Nov-12		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U					0.077	U
	1-Feb-13		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U					0.077	U

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February 2008 - February 2013

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	Room 149	Qual	Room 234	Qual	Ambient Outdoor	Qual
1,2-Dichlorobenzene	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	0.822		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	0.120	U	0.120	U					0.120	U
	29-Apr-09		0.120	U	0.120	U	0.100	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	73.0	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
	15-Jan-10		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-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.120	U	0.120	U	NS		NS		NS		0.120	U	NS						NS	
	26-Jan-11		0.205	U	0.204	U	0.205	U	0.205	U	0.205	U	0.204	U	0.204	U	0.205	U	0.204	U	0.205	U	0.204	U
	26-Jan-11**		NS		0.300	U	0.300	U	NS		NS		NS		0.300	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.120	U
	23-Jan-12		0.220		0.210	U	0.400		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U					0.210	U
	13-Apr-12		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.240	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.180	U					0.180	U
	20-Jun-12		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-Nov-12		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-Feb-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
1,3-Dichlorobenzene	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	0.802		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	0.102	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	2.500	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	0.120	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
	9-Oct-09	73.0	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
	15-Jan-10		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-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.120	U	0.120	U	NS		NS		NS		0.120	U	NS						NS	
	26-Jan-11		0.205	U	0.204	U	0.205	U	0.205	U	0.205	U	0.204	U	0.204	U	0.205	U	0.204	U	0.205	U	0.204	U
	26-Jan-11**		NS		0.300	U	0.300	U	NS		NS		NS		0.300	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.120	U
	23-Jan-12		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
	13-Apr-12		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.240	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.180	U					0.180	U
	20-Jun-12		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-Nov-12		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-Feb-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
1,4-Dichlorobenzene	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		0.292		0.272		0.206		0.596		0.728		0.793		0.228		0.237						0.120	U
	25-Apr-08		0.415		0.287		0.126		0.247		0.261		0.245		0.205		0.220						0.222	
	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		0.506		0.176		0.391		0.315		0.130		0.273		1.340		0.582						0.132	
	31-Jul-08		0.309		0.524		0.254		0.323		0.458		0.669		0.272		0.320						0.259	
	28-Aug-08		0.198		0.252		0.216		0.262		0.205		0.211		0.202		0.222						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		0.129		0.120	U	0.120	U	0.193		0.146		0.204		0.150						0.120	U
	29-Apr-09		0.246		0.144		0.180		1.740		0.210		0.168		0.144		0.168						0.366	
	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	24.0	0.360		0.402		0.336		0.360		0.354		0.487		0.324		0.366						0.186	
	15-Jan-10		0.156		0.186		0.120	U	0.432		0.150		0.198		0.144		0.120	U					0.138	
	21-Apr-10		0.120	U	0.180		0.120	U	0.156		0.150		0.156		0.126		0.126						1.200	U
	16-Jul-10		1.580		0.493		0.637		0.306		0.499		0.655		11.400		0.553						0.384	
	15-Oct-10		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-Nov-10		NS		0.282		0.318		NS		NS		NS		0.120	U	NS						NS	
	26-Jan-11		0.205	U	0.470		0.205	U	0.205	U	0.205	U	0.316		0.204	U	0.205	U	0.204	U	0.205	U	0.204	U
	26-Jan-11**		NS		0.740		0.300	U	NS		NS		NS		0.300	U	NS						NS	
	27-Apr-11		0.120	U	0.174		0.120	U	0.222		0.120	U	0.120	U	0.120	U	0.120	U					0.120	U
	26-Jul-11		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-Oct-11		0.190		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.120	U
	23-Jan-12		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
	13-Apr-12		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.240	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.180	U					0.180	U
	20-Jun-12		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-Nov-12		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-Feb-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

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Dichlorodiflouromethane	8-Feb-08		1.960		1.860		1.980		1.890		1.830		1.940		1.980		1.890						2.020	
	27-Mar-08		2.420		2.380		2.280		2.110		2.600		2.560		2.700		2.070						2.210	
	25-Apr-08		2.060		2.100		2.010		2.170		2.030		1.990		2.080		2.030						1.860	
	29-May-08		1.700		1.630		1.540		1.760		1.630		1.610		1.780		1.600						1.560	
	27-Jun-08		2.280		2.280		2.370		2.330		2.240		2.220		2.250		2.250						2.220	
	31-Jul-08		2.030		2.020		1.970		1.970		1.910		1.920		1.920		1.900						1.850	
	28-Aug-08		3.600		2.870		2.920		2.870		2.920		2.800		2.800		2.980						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
	27-Oct-08		2.500	U	2.500	U	2.500	U	2.500		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
	18-Dec-08		2.700		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	3.000		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		2.220		2.190		2.120		2.090		2.220		2.180		2.080		2.120						2.130	
	29-Apr-09		2.500		2.260		2.460		2.320		2.260		2.320		2.380		2.360						2.160	
	22-Jul-09		3.140		3.120		2.920		3.090		2.780		3.170		2.690		2.960						3.130	
	9-Oct-09	91.0	2.290		2.560		2.300		2.320		2.300		2.280		2.300		2.290						2.210	
	15-Jan-10		27.800		2.550		2.480		2.590		2.410		2.540		2.450		2.410						2.430	
	21-Apr-10		2.340		2.320		2.520		2.330		2.330		2.260		2.320		2.330						2.240	
	16-Jul-10		2.480		2.560		2.430		2.520		3.690		2.480		2.550		2.480						2.740	
	15-Oct-10		2.460		2.410		2.560		2.400		2.470		2.410		2.450		2.450						2.630	
	30-Nov-10		NS		2.480		2.550		NS		NS		NS		2.390		NS						NS	
	26-Jan-11		2.680		2.640		2.340		2.660		2.150		2.580		2.370		2.560		2.230		2.480		2.440	
	26-Jan-11**		NS		2.800		2.700		NS		NS		NS		2.600		NS						NS	
	27-Apr-11		2.070		2.820		2.200		2.450		2.160		2.210		2.220		2.210						2.460	
	26-Jul-11		2.290		2.270		2.270		2.360		2.260		2.340		2.250		2.260						2.350	
	28-Oct-11		2.700		2.400		2.800		2.600		2.800		2.500		2.600								2.500	
	23-Jan-12		1.700		1.800		1.600		1.500		2.000		2.000		1.800		1.900						2.000	
	13-Apr-12		2.100		2.100		2.000		2.000		1.800		1.900		1.700		1.700						1.300	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		2.700						2.500	
	20-Jun-12		2.500		2.600		2.500		2.400		2.700		2.300		2.500		2.500						2.300	
	1-Nov-12		2.000		2.200		2.100		2.200		2.000		2.100		2.100		2.000						2.100	
	1-Feb-13		1.600		1.600		1.600		1.600		1.600		1.600		1.600		1.700						1.600	
1,1-Dichloroethane	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		0.081	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
	25-Apr-08		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
	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		0.081	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-Aug-08		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
	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		0.081	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
	29-Apr-09		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
	22-Jul-09		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
	9-Oct-09	77.0	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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
	30-Nov-10		NS		0.081	U	0.081	U	NS		NS		NS		0.081	U	NS						NS	
	26-Jan-11		0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.137	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U
	26-Jan-11**		NS		0.200	U	0.200	U	NS		NS		NS		0.200	U	NS						NS	
	27-Apr-11		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
	26-Jul-11		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-Oct-11		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U					0.040	U
	23-Jan-12		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
	13-Apr-12		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061		0.061	U					0.081	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.061	U					0.061	U
	20-Jun-12		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
	1-Nov-12		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
	1-Feb-13		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
1,2-Dichloroethane	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		0.081	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
	25-Apr-08		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
	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	0.081	U	0.080	U	0.084		0.080	U	0.080	U	0.178		0.080	U					0.081	U
	31-Jul-08		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-Aug-08		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
	30-Sep-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.081	U					0.080	U
	27-Oct-08		0.080	U	0.150		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U					0.080	U
	25-Nov-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
	18-Dec-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
	21-Jan-09		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
	25-Feb-09		0.080	U	0.080	U	0.080	U	NS		0.080	U	0.080	U	0.080	U	0.080	U					0.080	U
	26-Mar-09		0.102		0.084		0.087		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	29-Apr-09		0.081	U	0.081	U	0.081	U	0.081	U	0.089		0.081	U	0.081	U	0.081	U					0.081	U
	22-Jul-09		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
	9-Oct-09	0.07/0.08	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
	15-Jan-10		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
	21-Apr-10		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.162						0.081	U
	16-Jul-10		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.087	U	0.081	U					0.081	U
	15-Oct-10		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
	30-Nov-10		NS		0.081	U	0.081	U	NS		NS		NS		0.081	U	NS						NS	
	26-Jan-11		0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.137	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U
	26-Jan-11**		NS		0.200	U	0.200	U	NS		NS		NS		0.200	U	NS						NS	
	27-Apr-11		0.081	U	0.081	U	0.081	U	0.081		0.093		0.081	U	0.081	U	0.089						0.081	U
	26-Jul-11		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-Oct-11		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U					0.040	U
	23-Jan-12		0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.091		0.071	U	0.071	U					0.071	U
	13-Apr-12		0.066		0.068		0.061		0.061		0.063		0.063		0.061		0.075						0.081	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.061	U					0.061	U
	20-Jun-12		0.081		0.081	U	0.081	U	0.081	U	0.081	U	0.080	U	0.081	U	0.081	U					0.081	U
	1-Nov-12		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
	1-Feb-13		0.076		0.084		0.083		0.086		0.089		0.089		0.079		0.099						0.110	

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1-Dichloroethylene	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		0.079	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	0.079	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	0.111		0.079	U	0.079	U					0.079	U
	9-Oct-09	10.0	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
	15-Jan-10		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
	21-Apr-10		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	..079	U	0.079	U	0.079	U					0.079	U
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.079	U	0.079	U	NS		NS		NS		0.079	U	NS						NS	
	26-Jan-11		0.135	U	0.135	U	0.135	U	0.135	U	0.135	U	0.134	U	0.135	U	0.135	U	0.135	U	0.135	U	0.135	U
	26-Jan-11**		NS		0.200	U	0.200	U	NS		NS		NS		0.200	U	NS						NS	
	27-Apr-11		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-Jul-11		0.079	U	0.079	U	0.790	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U					0.079	U
	28-Oct-11		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U					0.040	U
	23-Jan-12		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
	13-Apr-12		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U					0.079	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.059	U					0.059	U
	20-Jun-12		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-Nov-12		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
	1-Feb-13		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
cis-1,2-Dichloroethene*	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
	25-Apr-08		0.080	U	0.080	U	0.080	U	0.100		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	0.079	U	0.080	U	0.080	U	0.080	U	0.080	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
	28-Aug-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.092	U	0.079	U					0.090	
	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	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	0.127		0.079	U	0.079	U					0.079	U
	9-Oct-09	18.0	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
	15-Jan-10		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
	21-Apr-10		0.079	U	0.780		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U					0.079	U
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.079	U	0.079	U							0.079	U								
	26-Jan-11		0.135	U	0.135	U	0.135	U	0.135	U	0.135	U	0.134	U	0.135	U	0.135	U	0.135	U	0.135	U	0.135	U
	26-Jan-11**		NS		0.200	U	0.200	U							0.200	U								
	27-Apr-11		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-Jul-11		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-Oct-11		0.069		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U					0.040	U
	23-Jan-12		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
	13-Apr-12		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U					0.079	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.059	U					0.059	U
	20-Jun-12		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-Nov-12		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
	1-Feb-13		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
trans-1,2-Dichloroethene*	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
	28-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	0.091	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	37.0	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.079	U	0.079	U	NS		NS		NS		0.079	U	NS						NS	
	26-Jan-11		0.135	U	0.135	U	0.135	U	0.135	U	0.135	U	0.134	U	0.135	U	0.135	U	0.135	U	0.135	U	0.135	U
	26-Jan-11**		NS		0.200	U	0.200	U	NS		NS		NS		0.200	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U					0.040	U
	23-Jan-12		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
	13-Apr-12		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U					0.079	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.059	U					0.059	U
	20-Jun-12		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-Nov-12		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
	1-Feb-13		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

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2-Dichloropropane	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		0.092	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	0.090	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	0.092	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	0.13	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.092	U	0.092	U	NS		NS		NS		NS		0.092	U	NS				NS	
	26-Jan-11		0.158	U	0.157	U	0.157	U	0.157	U	0.158	U	0.157	U	0.157	U	0.158	U	0.157	U	0.157	U	0.157	U
	26-Jan-11**		NS		0.230	U	0.230	U	NS		NS		NS		0.230	U	NS						NS	
	27-Apr-11		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-Jul-11		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
	28-Oct-11		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U					0.046	U
	23-Jan-12		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
	13-Apr-12		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U					0.180	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.069	U					0.069	U
	20-Jun-12		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
	1-Nov-12		0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U					0.046	U
	1-Feb-13		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
cis-1,3-Dichloropropene	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	0.091	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	0.185		0.090	U					0.091	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	0.107	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	None	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		0.091	U	0.092	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U					0.091	U
	30-Nov-10		NS		0.091	U	0.091	U	NS		NS		NS		0.091	U	NS						NS	
	26-Jan-11		0.155	U	0.154	U	0.155	U	0.154	U	0.155	U	0.154	U	0.154	U	0.155	U	0.154	U	0.155	U	0.154	U
	26-Jan-11**		NS		0.230	U	0.230	U	NS		NS		NS		0.230	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U					0.091	U
	23-Jan-12		0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U					0.160	U
	13-Apr-12		0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U					0.091	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.068	U					0.068	U
	20-Jun-12		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
	1-Nov-12		0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U					0.045	U
	1-Feb-13		0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U					0.045	U
trans-1,3-Dichloropropene	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	0.091	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	0.340		0.090	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
	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
	27-Oct-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	0.091	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	None	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.091	U	0.091	U	NS		NS		NS		0.091	U	NS						NS	
	26-Jan-11		0.155	U	0.154	U	0.155	U	0.154	U	0.155	U	0.154	U	0.154	U	0.155	U	0.154	U	0.155	U	0.154	U
	26-Jan-11**		NS		0.230	U	0.230	U	NS		NS		NS		0.230	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U					0.045	U
	23-Jan-12		0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U					0.160	U
	13-Apr-12		0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U					0.091	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.068	U					0.068	U
	20-Jun-12		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
	1-Nov-12		0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U					0.045	U
	1-Feb-13		0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U					0.045	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Ethylbenzene	8-Feb-08		0.260		0.230		0.620		0.450		0.250		0.170		0.160		0.180						0.220	
	27-Mar-08		0.841		0.669		1.020		0.869		0.894		1.000		0.628		0.619						0.096	
	25-Apr-08		0.770		0.637		2.200		0.711		0.678		0.712		0.705		0.650						0.087	U
	29-May-08		0.140		0.120		1.310		0.620		0.120		0.160		0.150		0.110						0.090	U
	27-Jun-08		0.555		0.412		1.080		0.987		0.478		0.400		0.802		0.360						0.369	
	31-Jul-08		0.553		0.449		1.140		0.424		0.426		0.491		0.262		0.216						0.255	
	28-Aug-08		0.868		1.150		3.010		2.820		0.761		0.854		0.870		0.783						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	15.500						2.200	U
	27-Oct-08		2.200	U	2.200		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	3.600		NS		2.200	U	2.200	U	2.200	U	2.200	U					2.200	U
	26-Mar-09		0.932		0.803		1.120		1.060		0.511		0.648		0.738		0.589						0.727	
	29-Apr-09		0.195		0.234		0.633		0.538		0.195		0.139		0.139		0.152						0.178	
	22-Jul-09		0.442		0.212		1.090		0.291		0.551		0.625		0.807		0.542						1.180	
	9-Oct-09	53.0	0.859		0.759		1.090		1.030		0.794		0.681		0.668		0.633						0.746	
	15-Jan-10		0.447		0.334		0.386		0.351		0.321		0.256		0.273		0.252						0.286	
	21-Apr-10		0.468		0.716		1.280		0.612		0.681		0.603		0.542		0.538						0.087	U
	16-Jul-10		0.334		0.226		0.416		0.408		0.573		0.286		0.872		0.260						0.143	
	15-Oct-10		0.252		0.308		0.412		0.152		0.126		0.087	U	0.200		0.087	U					0.121	
	30-Nov-10		NS		0.217		0.338		NS		NS		NS		0.108		NS						NS	
	26-Jan-11		1.040		1.000		1.100		1.220		1.000		1.100		0.951		1.320		0.988		0.466		1.300	
	26-Jan-11**		NS		1.600		1.800		NS		NS		NS		1.800		NS						NS	
	27-Apr-11		0.108		0.139		0.625		0.221		0.837		0.087		0.200		0.087	U					0.091	
	26-Jul-11		0.473		1.020		0.873		0.417		0.300		0.191		0.356		0.178						0.161	
	28-Oct-11		0.600		0.320		0.400		0.230		0.480		0.490		0.490		0.420						0.130	
	23-Jan-12		0.610		0.480		0.470		0.660		0.580		0.500		0.560		0.560						0.540	
	13-Apr-12		0.300		0.250		0.300		0.240		0.250		0.280		0.240		0.200						0.170	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.130	U					0.130	U
	20-Jun-12		0.490		0.500		0.490		0.560		0.550		0.460		0.530		0.530						0.470	
	1-Nov-12		0.760		0.440		0.330		0.530		0.450		0.730		0.810		0.630						0.130	
	1-Feb-13		0.130		0.087	U	0.087	U	0.087		0.110		0.089		0.190		0.087	U					0.130	
Isopropylbenzene	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	12.700						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	2.460	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	120.0	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
	15-Jan-10		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-Apr-10		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
	16-Jul-10		2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	0.043	I					2.460	U
	15-Oct-10		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-Nov-10		NS		2.460	U	2.460	U	NS		NS		NS		2.460	U	NS						NS	
	26-Jan-11		4.190	U	4.180	U	4.190	U	4.180	U	4.190	U	4.170	U	4.180	U	4.190	U	4.180	U	4.190	U	4.180	U
	26-Jan-11**		NS						NS		NS		NS				NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U					0.250	U
	23-Jan-12		0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U					0.440	U
	13-Apr-12		0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U					0.500	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.370	U					0.370	U
	20-Jun-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Nov-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Feb-13		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
p-Isopropyltoluene	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	5,5	U	5.500	U	6.400		5.500	U	5.500	U	67.000						5.500	U
	25-Nov-08		5.500	U	5.500	U	5.500	U	5.500	U	5;5	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	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	3.890		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U					2.740	U
	9-Oct-09	67.0	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
	15-Jan-10		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-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		2.740	U	2.740	U	NS		NS		NS		2.740	U	NS						NS	
	26-Jan-11		0.468	U	4.660	U	4.680	U	4.670	U	4.680	U	4.660	U	4.660	U	4.680	U	4.660	U	4.680	U	4.660	U
	26-Jan-11**		NS						NS		NS		NS				NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U					0.250	U
	23-Jan-12		0.080	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U					0.440	U
	13-Apr-12		0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U					0.500	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.380	U					0.380	U
	20-Jun-12		0.250	U	2.000		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Nov-12		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
	1-Feb-13		0.290		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Methyl tert butyl ether (MTBE)	8-Feb-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
	27-Mar-08		0.440		0.102		0.102		0.091		0.095		0.098		0.102		0.090						0.072	U
	25-Apr-08		0.116		0.116		0.107		0.127		0.126		0.121		0.131		0.113						0.072	U
	29-May-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
	27-Jun-08		0.072	U	0.070	U	0.070	U	0.074		0.070	U	0.070	U	0.070	U	0.070	U					0.072	U
	31-Jul-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
	28-Aug-08		0.095		0.130		0.123		0.123		0.091		0.106		0.115		0.089						0.094	
	30-Sep-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
	27-Oct-08		1.800	U	1.800	U	1.800	U	1.800	U	2.600		2.300		1.800	U	1.800	U					1.800	U
	25-Nov-08		2.100		1.800	U	1.800	U	1.800	U	2.800	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
	26-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
	29-Apr-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
	22-Jul-09		0.072	U	0.072	U	0.223		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.169	
	9-Oct-09	160.0	0.072	U	0.072	U	0.072	U	0.072	U	0.072		0.072	U	0.072	U	0.072	U					0.072	U
	15-Jan-10		0.072	U	0.072	U	0.072	U	0.072	U	0.072		0.072	U	0.072	U	0.072	U					0.072	U
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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
	30-Nov-10		NS		0.072	U	0.072	U	NS		NS		NS		0.072	U	NS						NS	
	26-Jan-11		0.123	U	0.122	U	0.123	U	0.123	U	0.123	U	0.122	U	0.122	U	0.123	U	0.122	U	0.123	U	0.122	U
	26-Jan-11**		NS		0.180	U	0.180	U	NS		NS		NS		0.180	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U					0.072	U
	23-Jan-12		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
	13-Apr-12		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U					0.140	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.110	U					0.110	U
	20-Jun-12		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
	1-Nov-12		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
	1-Feb-13		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
Methylene chloride	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	1.740	U					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	2.210						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					1.740	U
	27-Jun-08		1.740	U	1.740	U	1.740	U	3.210		1.740	U	6.940		1.740	U	1.740	U					19.000	
	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
	26-Mar-09		7.540		1.870		4.010		2.100		1.850		3.230		4.060		1.990						11.600	
	29-Apr-09		1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	0.147	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	3.0	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
	15-Jan-10		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
	21-Apr-10		5.410		1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U					1.740	U
	16-Jul-10		18.400		23.300		16.900		13.900		19.900		48.200		46.700		22.200						20.600	
	15-Oct-10		3.470	U	4.440		4.510		3.470	U	3.470	U	3.470	U	5.840		3.470	U					3.470	U
	30-Nov-10		NS		3.570		11.600		NS		NS		NS		5.770		NS						NS	
	26-Jan-11		4.530		2.950	U	2.960	U	2.960	U	2.960	U	2.950	U	5.290		2.960	U	4.880		2.960	U	2.950	U
	26-Jan-11**		NS		2.500		1.700		NS		NS		NS		1.600		NS						NS	
	27-Apr-11		3.470	U	3.470	U	3.470	U	3.470	U	3.470	U	3.470	U	5.040		3.470	U					3.470	U
	26-Jul-11		3.470	U	5.800		4.240		3.470	U	3.470	U	3.470	U	3.510		10.200						5.380	
	28-Oct-11		1.900		1.900		1.800		1.900		1.000	U	1.200		5.700		5.500						0.690	U
	23-Jan-12		2.500		1.200	U	2.300		2.200		2.500		6.300		1.900		1.200	U					1.900	
	13-Apr-12		5.800		4.600		3.100		1.100		1.000	U	1.700		1.000	U	50.000						53.000	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		1.000	U					1.000	U
	20-Jun-12		0.920		1.600		0.880		1.300		1.200		1.400		1.100		1.400						1.700	
	1-Nov-12		0.690	U	1.200		0.750		0.690	U	0.690	U	0.760		1.200		0.690	U					1.200	
	1-Feb-13		0.800		0.690	U	0.690		0.690	U	0.810		2.200		0.810		0.760						0.690	U
4-Methyl-2-pentanone	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	2.050	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		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		2.600		2.000	U	2.000	U	2.000	U					2.000	U
	26-Mar-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					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					2.050	U
	22-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					2.050	U
	9-Oct-09	37.0	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
	15-Jan-10		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
	21-Apr-10		2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.250						2.050	U
	16-Jul-10		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
	15-Oct-10		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
	30-Nov-10		NS		2.050	U	2.050	U	NS		NS		NS		2.050	U	NS						NS	
	26-Jan-11		3.490	U	3.480	U	3.490	U	3.480	U	3.490	U	59.500		3.480	U	6.760		3.480	U	3.490	U	3.480	U
	26-Jan-11**		NS		0.200	U	0.200	U	NS		NS		NS		0.200	U	NS						NS	
	27-Apr-11		2.050	U	2.050		2.050	U	2.050	U	2.930		2.050	U	2.050	U	2.050	U					2.050	U
	26-Jul-11		11.700		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-Oct-11		2.100		0.490		0.840		0.560		0.800		0.930		1.500		1.200						0.390	
	23-Jan-12		0.140	U	0.140	U	0.210		0.190		26.000		2.900		0.230		270.000						0.540	
	13-Apr-12		0.120	U	0.120	U	0.200		0.120	U	0.150		0.230		0.120	U	0.140						0.160	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.140						0.120	U
	20-Jun-12		0.230		0.082	U	0.460		0.250		0.320		0.270		0.190		0.320						0.120	
	1-Nov-12		0.082	U	0.260		0.180		0.420		0.500		0.650		0.082	U	0.220						0.170	
	1-Feb-13		0.093		0.100		0.120		0.082	U	0.190		0.280		0.082	U	0.082	U					0.095	

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Styrene	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		0.175		0.114		0.139						0.085	U
	25-Apr-08		0.856		0.156		0.180		0.184		0.137		0.137		0.158		0.124						0.085	U
	29-May-08		0.550		0.085	U	0.130		0.260		0.090	U	0.110		0.090		0.090	U					0.090	U
	27-Jun-08		1.830		0.085	U	0.112		0.186		0.191		0.085	U	0.481		0.090	U					0.085	U
	31-Jul-08		1.890		0.254		0.153		0.266		0.285		0.288		0.109		0.090						0.085	U
	28-Aug-08		0.654		0.368		0.262		0.392		0.203		0.165		0.169		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		0.125		0.111		0.128		0.138						0.122	
	29-Apr-09		0.515		0.085	U	0.136	U	0.085	U	0.136		0.085	U	0.085	U	0.085	U					0.085	U
	22-Jul-09		1.280		0.085	U	0.153		0.085	U	0.285		0.272		0.213		0.217						0.187	
	9-Oct-09	52.0	0.838		0.153		0.149		0.174		0.566		0.179		0.140		0.149						0.140	
	15-Jan-10		1.100		0.221		0.085	U	0.089		0.196		0.098		0.085	U	0.085	U					0.085	U
	21-Apr-10		0.281		0.204		0.289		0.187		0.328		0.174		0.145		0.140						0.085	U
	16-Jul-10		0.702		0.085	U	0.085	U	0.085	U	0.779		0.085	U	0.085	U	0.085	U					0.085	U
	15-Oct-10		0.549		0.085	U	0.085	U	0.085	U	0.098		0.805	U	0.085	U	0.085	U					0.085	U
	30-Nov-10		NS		0.149		0.119		NS		NS		NS		0.085	U	NS						NS	
	26-Jan-11		0.327		0.224		0.174		0.217		0.182		0.202		0.145	U	0.182		0.174		0.145	U	0.188	
	26-Jan-11**		NS		0.510		0.370		NS		NS		NS		0.370		NS						NS	
	27-Apr-11		0.166		0.166		0.170		0.192		0.277		0.085	U	0.145		0.085	U					0.085	U
	26-Jul-11		0.677		2.460		0.132		11.700		0.315		1.320		0.200		0.085	U					0.085	U
	28-Oct-11		0.300		0.130	U	0.130	U	0.130	U	0.330		0.130	U	0.130	U	0.130	U					0.085	U
	23-Jan-12		0.820		0.250		0.410		0.480		0.270		0.510		0.150		0.150	U					0.150	U
	13-Apr-12		0.560		0.140		0.130	U	0.130	U	0.550		0.280		0.130	U	0.130	U					0.170	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.130	U					0.130	U
	20-Jun-12		0.720		0.300		0.240		1.200		0.430		0.150		0.085	U	0.200						0.200	
	1-Nov-12		0.280		0.140		0.085	U	0.130		0.150		0.160		0.180		0.160						0.085	U
	1-Feb-13		0.870		0.085	U	0.085	U	0.085	U	0.095		0.085	U	0.085	U	0.085	U					0.085	U
1,1,1,2-Tetrachloroethane	8-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
	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		0.137	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.179		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	0.137	U	0.140	U	0.140	U	0.140	U	0.137	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	0.320		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
	9-Oct-09	0.082/0.14	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.137	U	0.137	U	NS		NS		NS		0.137	U	NS						NS	
	26-Jan-11		0.234	U	0.233	U	0.234	U	0.234	U	0.234	U	0.233	U	0.233	U	0.234	U	0.233	U	0.234	U	0.233	U
	26-Jan-11**		NS		0.340	U	0.340	U	NS		NS		NS		0.340	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.069	U
	23-Jan-12		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
	13-Apr-12		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.140	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.100	U					0.100	U
	20-Jun-12		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
	1-Nov-12		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U					0.069	U
	1-Feb-13		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U					0.069	U
1,1,2,2-Tetrachloroethane	8-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
	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		0.140	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.992		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	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
	9-Oct-09	0.011/0.14	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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-Nov-10		NS		0.137	U	0.137	U	NS		NS		NS		0.137	U	NS						NS	
	26-Jan-11		0.234	U	0.233	U	0.234	U	0.234	U	0.234	U	0.233	U	0.233	U	0.234	U	0.233	U	0.234	U	0.233	U
	26-Jan-11**		NS		0.340	U	0.340	U	NS		NS		NS		0.340	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.069	U
	23-Jan-12		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
	13-Apr-12		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.140	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.100	U					0.100	U
	20-Jun-12		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
	1-Nov-12		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U					0.069	U
	1-Feb-13		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U					0.069	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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	Room 149	Qual	Room 234	Qual	Ambient Outdoor	Qual
Tetrachloroethene*	8-Feb-08		0.140		0.140	U	0.140	U	0.150		0.140	U	0.140	U	0.140	U	0.140	U					0.350	
	27-Mar-08 [2]		12.500		6.680		13.300		16.100		26.000		7.730		23.300		4.310						0.153	
	25-Apr-08		0.180		0.254		0.179		0.282		0.231		0.276		0.228		0.298						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		0.397		0.459		0.424		0.243		0.460		0.246						0.216	
	31-Jul-08		1.030		1.000		0.877		0.880		0.795		0.872		0.252		0.287						0.154	
	28-Aug-08		0.321		0.367		0.283		0.323		0.274		0.434		0.294		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		1.530		1.210		1.170		0.980		1.080		1.320		1.420		1.890						1.380	
	29-Apr-09		0.136	U	0.136	U	0.697		0.136	U	0.136	U	0.136	U	0.136	U	0.136	U					0.136	U
	22-Jul-09		0.291		0.190		0.224		0.196		0.196		0.196		0.183		0.210						0.535	
	9-Oct-09		2.250		1.550		1.580		1.580		1.380		1.700		2.080		1.960						0.779	
	15-Jan-10	5.0	0.359		0.346		0.339		0.373		0.312		3.460		0.346		0.312						2.450	
	21-Apr-10		0.637		0.752		0.440		0.650		0.508		0.447		0.407		0.474						0.562	
	16-Jul-10		0.318		0.420		0.420		0.427		0.501		0.230		0.447		0.474						0.230	
	15-Oct-10		0.136	U	0.136	U	0.136	U	0.136		0.136	U	0.136	U	0.136	U	0.136	U					0.142	
	30-Nov-10		NS		0.461		0.291		NS		NS		NS		0.169		NS						NS	
	26-Jan-11		0.636		0.484		0.370		0.566		0.440		0.725		0.346		0.578		0.472		0.428		0.426	
	26-Jan-11**		NS		0.580		0.490	U	NS		NS		NS		0.480		NS						NS	
	27-Apr-11		0.142		0.176		0.176		0.352		0.176		0.136	U	0.149		0.136	U					0.285	
	26-Jul-11		0.529		0.563		0.522		0.631		0.549		0.325		0.739		0.461						0.224	
	28-Oct-11		0.100	U	0.140		0.100	U	0.100	U	0.100	U	0.110		0.100	U	0.100	U					0.068	U
	23-Jan-12		0.240	U	0.240	U	0.240	U	0.590		0.320		0.510		0.260		0.410						0.260	
	13-Apr-12		0.150		0.110		0.120		0.250		0.150		0.160		0.190		0.190						0.140	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.190						0.130	
	20-Jun-12		0.390		0.800		0.310		0.370		0.390		0.400		0.410		0.440						0.240	
	1-Nov-12		0.360		0.460		0.400		0.730		0.470		0.770		0.600		0.560						0.120	
	1-Feb-13		0.130		0.095		0.073		0.120		0.090		0.210		0.440		0.092						0.140	
Toluene	8-Feb-08		1.240		1.140		1.120		1.150		1.240		0.990		0.910		1.030						1.480	
	27-Mar-08		6.470		4.040		4.520		4.150		5.920		5.570		4.210		4.040						1.560	
	25-Apr-08		4.800		4.000		2.810		3.900		3.790		4.070		4.010		3.660						0.465	
	29-May-08		0.930		0.790		1.630		1.330		0.870		1.060		1.020		0.670						0.320	
	27-Jun-08		3.870		3.060		3.200		3.850		4.110		3.840		4.520		3.020						2.410	
	31-Jul-08		2.760		2.020		2.690		1.990		2.720		2.200		1.680		1.440						1.850	
	28-Aug-08		5.230		5.960		7.800		7.530		5.920		5.640		5.680		5.240						6.050	
	30-Sep-08		1.900	U	1.900	U	2.500		1.900	U	5.000		1.900	U	1.900	U	2.300						1.900	U
	27-Oct-08		6.700		6.300		3.500		6.100		2.300		5.500		3.800		6.600						8.400	
	25-Nov-08		5.500		1.900	U	1.900	U	2.000		1.900	U	1.900		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		4.060		3.990		3.540		3.900		4.730		5.870		6.080						5.310	
	29-Apr-09		0.779		0.595		0.079	U	0.704		1.050		0.595		0.614		0.610						0.953	
	22-Jul-09		1.550		1.010		2.540		1.130		3.150		3.410		3.880		7.670						6.850	
	9-Oct-09	210.0	4.740		3.690		4.190		3.900		4.500		4.170		4.220		4.090						4.580	
	15-Jan-10		1.920		1.580		1.520		1.690		1.690		1.540		1.620		1.630						2.860	
	21-Apr-10		4.770		8.610		5.220		7.430		4.490		4.140		4.030		3.900						0.414	
	16-Jul-10		2.070		1.210		1.180		1.360		2.250		1.570		3.760		1.330						0.787	
	15-Oct-10		7.230		0.618		0.565		0.715		0.501		0.358		0.565		0.312						0.625	
	30-Nov-10		NS		1.280		1.200		NS		NS		NS		0.825		NS						NS	
	26-Jan-11		5.860		5.970		5.640		6.490		5.840		6.050		5.830		7.230		5.650		4.000		7.210	
	26-Jan-11**		NS		7.700		8.400		NS		NS		NS		8.300		NS						NS	
	27-Apr-11		0.764		0.855		1.070		1.070		1.030		0.840		0.783		0.625						0.648	
	26-Jul-11		2.040		3.920		1.590		1.210		1.620		1.060		1.400		0.934						0.652	
	28-Oct-11		6.700		2.800		2.900		1.800		2.500		3.600		5.200		3.100						1.400	
	23-Jan-12		3.200		2.500		0.130		2.700		2.800		3.000		2.700		3.000						3.600	
	13-Apr-12		1.800		1.500		1.300		1.400		1.400		1.500		1.400		1.200						0.320	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.550						0.550	
	20-Jun-12		2.200		2.500		1.800		2.300		2.300		2.000		2.200		2.400						2.600	
	1-Nov-12		4.300		2.500		1.800		3.000		2.400		4.000		4.600		3.500						0.750	
	1-Feb-13		0.810		0.460		0.430		0.520		0.650		0.780		0.950		0.510						0.460	
1,1,1-Trichloroethane*	8-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		0.110	U	0.110	U	0.110	U	0.110	U	0.109	U	0.109	U	0.110	U	0.110	U					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		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	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	1.090		0.109	U					0.109	U
	29-Apr-09		0.120		0.109	U	0.109	U	0.109	U	0.109	U	0.153		0.229		0.174						0.272	
	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	500.0	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		0.109	U	0.109	U	1.090	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U					0.109	U
	30-Nov-10		NS		0.109	U	0.109	U	NS		NS		NS		0.109	U	NS						NS	
	26-Jan-11		0.186	U	0.185	U	0.186	U	0.186	U	0.180	U	0.185	U	0.185	U	0.186	U	0.185	U	0.186	U	0.185	U
	26-Jan-11**		NS		0.270	U	0.270	U	NS		NS		NS		0.270	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U					0.055	U
	23-Jan-12		0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U					0.190	U
	13-Apr-12		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U					0.110	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.082	U					0.082	U
	20-Jun-12		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
	1-Nov-12		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U					0.055	U
	1-Feb-13		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U					0.055	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1,2-Trichloroethane	8-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	0.112	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	0.302		0.109	U					0.110	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	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U					0.110	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					0.110	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	2.2	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
	15-Jan-10		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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		0.109	U	1.090	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U					0.109	U
	30-Nov-10		NS		0.109	U	0.109	U	NS		NS		NS		0.109	U	NS						NS	
	26-Jan-11		0.186	U	0.185	U	0.186	U	0.186	U	0.186	U	0.185	U	0.185	U	0.186	U	0.185	U	0.186	U	0.185	U
	26-Jan-11**		NS		0.270	U	0.270	U	NS		NS		NS		0.270	U	NS						NS	
	27-Apr-11		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-Jul-11		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-Oct-11		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U					0.055	U
	23-Jan-12		0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U					0.190	U
	13-Apr-12		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U					0.110	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.082	U					0.082	U
	20-Jun-12		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
	1-Nov-12		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U					0.055	U
	1-Feb-13		0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U					0.055	U
Trichloroethene*	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		0.325		0.308		0.217		0.170						0.107	U
	25-Apr-08		0.107	U	0.164		0.147		0.272		0.151		0.152		0.158		0.229						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		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					0.838	
	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		0.800	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
	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		4.000		0.326		1.510		0.438		0.639		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		0.188		0.123		0.193		0.709		0.140		0.177						0.209	
	9-Oct-09	1.0	0.231		0.215		0.182		0.193		0.242		0.156		0.156		0.156						0.107	U
	15-Jan-10		0.107		0.107		0.113		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U					0.107	U
	21-Apr-10		0.247		0.580		0.279		0.505		0.376		0.360		0.419		0.456						0.107	U
	16-Jul-10		0.107	U	0.107	U	0.107	U	0.220		0.107	U	0.107	U	0.107	U	0.107	U					0.107	U
	15-Oct-10		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U					0.107	U
	30-Nov-10		NS		0.107	U	0.107	U	NS		NS		NS		0.109	U	NS						NS	
	26-Jan-11		0.568		0.502		0.531		0.604		0.504		0.584		0.429		0.550		0.484		0.467		0.767	
	26-Jan-11**		NS		0.570		0.600		NS		NS		NS		0.600		NS						NS	
	27-Apr-11		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U					0.107	U
	26-Jul-11		0.107	U	0.107	U	0.118		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U					0.107	U
	28-Oct-11		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.054	U
	23-Jan-12		0.190	U	0.190	U	0.190	U	0.290		0.190	U	0.190	U	0.190	U	0.190	U					0.190	U
	13-Apr-12		0.081	U	0.081	U	0.081	U	0.081	U	0.090		0.081	U	0.081	U	0.081	U					0.110	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.081	U					0.081	U
	20-Jun-12		0.110	U	0.110	U	0.110	U	0.110	U	0.120		0.110	U	0.110	U	0.110	U					0.110	U
	1-Nov-12		0.054	U	0.054	U	0.067	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U					0.054	U
	1-Feb-13		0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U					0.054	U
Trichlorofluoromethane	8-Feb-08		1.140		1.020		1.110		1.010		0.990		1.050		1.040		1.020						1.080	
	27-Mar-08		1.740		1.520		1.540		1.250		2.320		2.120		2.140		1.210						1.380	
	25-Apr-08		1.740		1.660		1.240		1.640		1.480		1.520		1.660		1.500						1.030	
	29-May-08		1.020		0.930		0.870		1.060		0.930		0.930		0.990		0.910						0.880	
	27-Jun-08		1.240		1.220		1.290		1.300		1.160		1.150		1.170		1.160						1.180	
	31-Jul-08		1.080		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		3.260		3.660		3.420		3.380		3.860						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		1.160		1.180		1.140		1.230		1.190		1.120		1.130						1.160	
	29-Apr-09		1.490		1.170		0.051	U	1.270		1.180		1.190		1.270		1.290						1.190	
	22-Jul-09		1.950		1.920		1..62		1.900		1.630		2.050		1.540		1.900						2.120	
	9-Oct-09	370.0	1.520		1.830		1.510		0.019		1.620		1.310		1.410		1.430						1.180	
	15-Jan-10		11.900		1.260		1.210		1.290		1.210		1.290		1.220		1.270						1.240	
	21-Apr-10		4.170		3.780		2.540		3.200		3.500		3.400		2.500		3.190						1.260	
	16-Jul-10		1.470		1.470		1.480		1.470		2.160		1.470	U	1.470		1.470						1.560	
	15-Oct-10		1.410		1.360		1.380		1.350		1.360		1.300		1.320		1.340						1.490	
	30-Nov-10		NS		1.520		1.490		NS		NS		NS		1.340		NS						NS	
	26-Jan-11		1.780		1.960		1.720		1.740		1.620		1.960		1.630		1.950		1.490		1.930		1.780	
	26-Jan-11**		NS		2.300		2.100		NS		NS		NS		2.100		NS						NS	
	27-Apr-11		1.200		1.250		1.110		1.240		1.080		1.140		1.280		1.120						1.250	
	26-Jul-11		1.210		1.210		1.300		1.250		1.220		1.290		1.180		1.170						1.210	
	28-Oct-11		2.500		1.400		1.600		1.600		1.900		1.900		1.900		1.800						1.500	
	23-Jan-12		1.500		1.500		1.500		1.500		1.500		1.400		1.500		1.500						1.400	
	13-Apr-12		2.200		2.000		1.700		2.000		2.300		2.400		2.300		2.400						1.200	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		1.500						1.800	
	20-Jun-12		1.200		1.400		1.300		1.200		1.500		1.100		1.400		1.400						1.100	
	1-Nov-12		1.200		1.200		1.300		1.200		1.200		1.200		1.300		1.200						1.300	
	1-Feb-13		1.600		1.600		1.700		1.600		1.600		1.700		1.600		1.600						1.600	

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February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2,4-Trimethylbenzene	8-Feb-08		0.900		0.970		2.520		1.890		0.210		0.210		0.210		0.310						0.210	
	27-Mar-08		1.330		1.590		3.390		3.240		0.920		1.390		0.828		0.989						0.098	U
	25-Apr-08		0.998		1.760		11.700		1.640		0.909		0.839		0.911		0.750						0.098	U
	29-May-08		0.300		0.470		8.320		6.680		0.270		0.960		0.690		0.110						0.100	U
	27-Jun-08		1.560		0.443		2.120		3.040		0.634		0.246		0.722		0.206						0.175	
	31-Jul-08		1.650		1.360		1.380		2.080		0.959		1.940		0.207		0.142						0.157	
	28-Aug-08		0.438		1.430		3.690		5.340		0.642		0.461		0.455		0.464						0.354	
	30-Sep-08		2.500	U	2.500	U	2.500	U	2.000	U	6.800		2.500	U	2.500	U	9.300						2.500	U
	27-Oct-08		2.500	U	2.500	U	2.500	U	3.500		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	3.900		NS		2.500	U	2.500	U	2.500	U	2.500	U					2.500	U
	26-Mar-09		0.942		0.859		1.500		1.300		0.526		0.563		0.737		0.564						0.739	
	29-Apr-09		1.520		0.368		1.340		1.200		0.192		0.098	U	0.108		0.098						0.142	
	22-Jul-09		1.010		0.216		1.140		0.339		0.594		0.791		0.889		0.673						0.894	
	9-Oct-09		1.240		1.080		1.250		1.460		0.712		0.796		0.702		0.717						0.069	
	15-Jan-09	9.3	0.609		0.550		0.452		0.521		0.206		0.196		0.216		0.196						0.196	
	21-Apr-10		0.393		0.845		4.590		0.643		0.570		0.545		0.427	U	0.476						0.098	U
	16-Jul-10		0.354		0.216		0.388		0.344		0.250		0.138		0.511		0.187						0.108	
	15-Oct-10		0.319		0.408		0.329		0.211		0.098	U	0.098	U	0.319		0.098	U					0.098	U
	30-Nov-10		NS		0.334		0.560		NS		NS		NS		0.098	U	NS						NS	
	26-Jan-11		1.010		1.120		1.100		1.200		0.780		0.917		0.868		1.030		1.000		0.168	U	0.994	
	26-Jan-11**		NS		1.900		2.100		NS		NS		NS		2.000		NS						NS	
	27-Apr-11		0.138		0.280		2.080		0.255		0.147		0.113		0.172		0.113						0.128	
	26-Jul-11		0.575		2.160		1.120		0.285		0.236		0.157		0.290		0.177						0.123	
	28-Oct-11		0.340		0.220		0.300		0.290		0.230		0.260		0.310		0.330						0.098	U
	23-Jan-12		0.660		0.580		0.580		0.710		0.380		1.000		0.520		0.650						0.470	
	13-Apr-12		0.400		0.410		0.760		0.480		0.340		0.340		0.290		0.360						0.240	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.150	U					0.150	U
	20-Jun-12		0.560		1.200		0.910		0.680		0.600		0.470		0.560		0.610						0.310	
	1-Nov-12		0.720		0.480		0.310		0.300		0.460		0.650		0.750		0.600						0.120	
	1-Feb-13		0.330		0.180		0.170		0.160		0.150		0.120		0.220		0.160						0.098	U
1,3,5-Trimethylbenzene	8-Feb-08		0.460		0.450		1.300		0.980		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						0.098	U
	25-Apr-08		0.367		0.816		7.170		0.802		0.342		0.293		0.375		0.280						0.098	U
	29-May-08		0.170		0.220		4.710		4.050		0.140		0.640		0.470		0.100	U					0.100	U
	27-Jun-08		0.942		0.232		1.100		1.580		0.385		0.102		0.387		0.100	U					0.098	U
	31-Jul-08		1.040		0.782		0.671		1.360		0.570		1.190		0.098	U	0.098	U					0.098	U
	28-Aug-08		0.170		0.732		1.950		2.990		0.270		0.181		0.181		0.155						0.100	
	30-Sep-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	9.300						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		0.678		0.540		0.194		0.185		0.246		0.198						0.238	
	29-Apr-09		0.098	U	0.192		0.678		0.629		0.098		0.098	U	0.098	U	0.098	U					0.098	U
	22-Jul-09		0.378		0.098	U	0.427		0.138		0.246		0.270		0.295		0.241						0.241	
	9-Oct-09		0.550		0.452		0.476		0.599		0.255		0.265		0.221		0.241						0.226	
	15-Jan-10	9.3	0.265		0.260		0.192		0.206		0.098	U	0.098	U	0.098	U	0.098	U					0.098	U
	21-Apr-10		0.118		0.368		2.100		2.600		0.206		0.187		0.162		0.177						0.098	U
	16-Jul-10		0.113		0.098	U	0.138		0.118		0.098	U	0.098	U	0.147		0.098	U					0.098	U
	15-Oct-10		0.128		0.172		0.123		0.098	U	0.098	U	0.098	U	0.098		0.098	U					0.098	U
	30-Nov-10		NS		0.133		0.177		NS		NS		NS		0.098	U	NS						NS	
	26-Jan-11		0.293		0.326		0.360		0.410		0.260		0.267		0.292		0.302		0.334		0.168	U	0.342	
	26-Jan-11**		NS		0.590		0.700		NS		NS		NS		0.630		NS						NS	
	27-Apr-11		0.098	U	0.128		0.820		0.113		0.098	U	0.098	U	0.098	U	0.098	U					0.098	U
	26-Jul-11		0.206		0.737		0.393		0.108	U	0.098	U	0.098	U	0.098	U	0.098	U					0.098	U
	28-Oct-11		0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U					0.098	U
	23-Jan-12		0.220		0.170	U	0.200		0.230		0.170	U	0.220		0.180		0.180						0.170	U
	13-Apr-12		0.150	U	0.150	U	0.270		0.170		0.150	U	0.150	U	0.150	U	0.150	U					0.270	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.150	U					0.150	U
	20-Jun-12		0.180		0.450		0.340		0.250		0.220		0.150		0.140		0.200						0.110	
	1-Nov-12		0.220		0.140		0.098	U	0.120		0.140		0.190		0.220		0.170						0.098	U
	1-Feb-13		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U					0.098	U
Vinyl chloride*	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	0.050	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	0.050	U	0.050	U	0.051	U	0.050	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	0.051	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	0.130		0.100	U	0.100	U	0.100	U	0.100		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	1.080	U	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
	15-Jan-10	0.1	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
	21-Apr-10		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
	16-Jul-10		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
	15-Oct-10		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
	30-Nov-10		NS		0.051	U	0.051	U	NS		NS		NS		0.051	U	NS						NS	
	26-Jan-11		0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U
	26-Jan-11**		NS		0.130	U	0.130	U	NS		NS		NS		0.130	U	NS						NS	
	27-Apr-11		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-Jul-11		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
	28-Oct-11		0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U					0.026	U
	23-Jan-12		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
	13-Apr-12		0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U					0.100	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.038	U					0.038	U
	20-Jun-12		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
	1-Nov-12		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U					0.026	U
	1-Feb-13		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.051		0.026	U					0.026	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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		Room 149		Room 234		Ambient Outdoor	
				Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
p/m-Xylene	8-Feb-08		0.710		0.660		2.110		1.460		0.550		0.450		0.390		0.420						0.580	
	27-Mar-08		2.460		2.080		3.510		2.960		2.620		2.890		1.810		1.910						0.269	
	25-Apr-08		2.220		1.870		8.240		2.170		1.960		2.080		2.150		1.850						0.205	
	29-May-08		0.350		0.290		5.110		2.260		0.290		0.410		0.340		0.250						0.170	U
	27-Jun-08		1.060		1.080		3.280		3.000		1.250		0.994		2.160		0.926						0.795	
	31-Jul-08		1.360		1.160		3.330		1.140		1.140		1.370		0.656		0.488						0.656	
	28-Aug-08		2.130		3.220		8.690		8.200		1.910		2.190		2.280		1.960						2.240	
	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	5.000		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
	26-Mar-09		3.080		2.850		4.530		4.340		1.580		1.990		2.340		1.870						2.310	
	29-Apr-09		0.456		0.733		0.534		1.950		0.477		0.308		0.312		0.347						0.442	
	22-Jul-09		0.920		0.577		2.680		0.824		1.560		2.070		2.510		1.720						3.510	
	9-Oct-09	220.0	2.610		2.240		3.360		3.190		2.200		2.090		1.960		1.910						2.290	
	15-Jan-10		1.080		0.915		1.040		0.946		0.724		0.603		0.672		0.607						0.672	
	21-Apr-10		1.200		2.000		4.380		1.610		1.800		1.670		1.430		1.350						0.174	U
	16-Jul-10		0.868		0.568		1.290		1.120		1.290		0.729		1.890		0.694						0.330	
	15-Oct-10		0.642		0.972		1.340		0.408		0.299		0.174		0.468		0.174	U					0.317	
	30-Nov-10		NS		0.620		1.000		NS		NS		NS		0.230		NS						NS	
	26-Jan-11		2.810		2.600		2.910		3.320		2.590		2.790		2.540		3.450		2.700		1.010		3.480	
	26-Jan-11**		NS		4.300		5.100		NS		NS		NS		4.900		NS						NS	
	27-Apr-11		0.295		0.412		2.030		0.642		3.020		0.260		0.412		0.191						0.256	
	26-Jul-11		1.240		3.650		2.630		3.670		0.799		0.816		0.864		0.486						0.404	
	28-Oct-11		2.400		1.100		1.400		0.750		1.300		1.700		1.900		1.500						0.480	
	23-Jan-12		1.600		1.300		1.300		1.500		1.300		1.400		1.400		1.500						1.500	
	13-Apr-12		0.810		0.690		0.810		0.660		0.670		0.740		0.640		0.520						0.350	U
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.260	U					0.260	U
	20-Jun-12		1.200		1.300		1.200		1.400		1.300		1.200		1.400		1.400						0.770	
	1-Nov-12		2.300		1.300		0.960		1.400		1.300		2.100		2.500		1.800						0.340	
	1-Feb-13		0.270		0.210		0.220		0.230		0.220		0.210		0.510		0.210						0.400	
o-Xylene	8-Feb-08		0.280		0.270		0.870		0.610		0.210		0.170		0.150		0.160						0.200	
	27-Mar-08		0.762		0.718		1.340		1.120		0.920		1.060		0.640		0.668						0.087	U
	25-Apr-08		0.824		0.724		3.480		0.821		0.750		0.770		0.786		0.680						0.087	U
	29-May-08		0.130		0.120		2.080		1.000		0.110		0.180		0.150		0.090	U					0.090	U
	27-Jun-08		0.463		0.393		1.030		1.030		0.485		0.358		0.833		0.339						0.332	
	31-Jul-08		0.476		0.375		0.822		0.371		0.420		0.583		0.240		0.207						0.246	
	28-Aug-08		0.779		1.020		2.210		2.160		0.683		0.787		0.812		0.702						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	2.600						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	2.600		NS		2.200	U	2.200	U	2.200	U	2.200	U					2.200	U
	26-Mar-09		1.080		0.798		1.090		1.020		0.551		0.718		0.824		0.651						0.826	
	29-Apr-09		0.143		0.186		0.085	U	0.442		0.165		0.100		0.104		0.108						0.156	
	22-Jul-09		0.347		0.195		0.690		0.247		0.555		0.742		0.911		0.590						1.240	
	9-Oct-09	220.0	0.850		0.724		0.954		0.920		0.764		0.764		0.720		0.698						0.759	
	15-Jan-10		0.404		0.321		0.356		0.338		0.273		0.230		0.256		0.230						0.273	
	21-Apr-10		0.425		0.686		1.260		0.577		0.629		0.603		0.564		0.482						0.087	U
	16-Jul-10		0.273		0.186		0.312		0.304		,503		0.200		0.703		0.230						0.126	
	15-Oct-10		0.186		0.265		0.347	U	0.130	U	0.139		0.087	U	2.000		0.087	U					0.104	
	30-Nov-10		NS		0.226		0.325		NS		NS		NS		0.091		NS						NS	
	26-Jan-11		1.000		0.981		1.020		1.150		0.948		1.030		0.922		1.270		1.000		0.392		1.280	
	26-Jan-11**		NS		1.600		1.900		NS		NS		NS		1.900		NS						NS	
	27-Apr-11		0.133		0.134		0.616		0.208		0.824		0.091		0.152		0.080	U					0.095	
	26-Jul-11		0.439		1.520		0.643		2.210		0.295		0.395		0.308		0.165						0.139	
	28-Oct-11		0.810		0.360		0.440		0.260		0.450		0.550		0.660		0.470						0.180	
	23-Jan-12		0.630		0.520		0.530		0.620		0.530		0.580		0.580		0.600						0.590	
	13-Apr-12		0.320		0.270		0.320		0.270		0.280		0.300		0.270		0.220						0.200	
	2-Jul-12 resample		NS		NS		NS		NS		NS		NS		NS		0.130	U					0.130	U
	20-Jun-12		0.470		0.056		0.430		0.580		0.490		0.460		0.530		0.510						0.280	
	1-Nov-12		0.860		0.480		0.350		0.510		0.480		0.780		0.930		0.710						0.140	
	1-Feb-13		0.110		0.089		0.087	U	0.087	U	0.092		0.090		0.220		0.087	U					0.140	

Notes:
All data presented in micrograms per cubic meter (ug/m3).
U: designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.
NS: not sampled.
None: No Draft Proposed CT Residential TAC for this compound.
* = Site Specific Compound of Concern per ATSDR Health Consultation, December 4, 2006.
**- Analyzed by Con-Test Analytical Laboratory
1: Elevated Data is a result of inadvertant cross-contamination at the laboratory, and not resultant from soil vapor intrusion. Media Center/Room 145 was resampled on 28 January 2008 with Tetrachloroethylene concentration not detacted by the laboratory (MDL = 0.14 ug/m^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 exceedences of applicable Acetone and Tetrachloroethylene Action Levels.

Date Modified: 3/18/2013

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February 13, 2013

Ron Mack
EA Engineering Science & Tech. - RI
2374 Post Road, Suite 102
Warwick, RI 02886

Project Location: Alvarez High School
Client Job Number:
Project Number: 14687.01
Laboratory Work Order Number: 13B0107

Enclosed are results of analyses for samples received by the laboratory on February 4, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

EA Engineering Science & Tech. - RI
2374 Post Road, Suite 102
Warwick, RI 02886
ATTN: Ron Mack

REPORT DATE: 2/13/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 14687.01

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13B0107

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Alvarez High School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Gymnasium	13B0107-01	Indoor air		EPA TO-15	
Cafeteria	13B0107-02	Indoor air		EPA TO-15	
Kitchen Storage Room	13B0107-03	Indoor air		EPA TO-15	
Elevator Hallway	13B0107-04	Indoor air		EPA TO-15	
Room 145	13B0107-05	Indoor air		EPA TO-15	
Room 152	13B0107-06	Indoor air		EPA TO-15	
Room 118	13B0107-07	Indoor air		EPA TO-15	
Room 110	13B0107-08	Indoor air		EPA TO-15	
Ambient Outdoor Air	13B0107-09	Ambient Air		EPA TO-15	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

1,1,1,2-Tetrachloroethane, Acrylonitrile, Chloroethane, Isopropylbenzene (Cumene), n-Butylbenzene, sec-Butylbenzene

B067568-BS1

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK)

13B0107-01[Gymnasium], 13B0107-02[Cafeteria], 13B0107-03[Kitchen Storage Room], 13B0107-04[Elevator Hallway], 13B0107-05[Room 145], 13B0107-06[Room 152], 13B0107-07[Room 118], 13B0107-08[Room 110], 13B0107-09[Ambient Outdoor Air], B067568-BLK1, B067568-BS1, B067568-DUP1

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

p-Isopropyltoluene (p-Cymene)

13B0107-03[Kitchen Storage Room], B067568-BS1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK)

13B0107-01[Gymnasium], 13B0107-02[Cafeteria], 13B0107-03[Kitchen Storage Room], 13B0107-04[Elevator Hallway], 13B0107-05[Room 145], 13B0107-06[Room 152], 13B0107-07[Room 118], 13B0107-08[Room 110], 13B0107-09[Ambient Outdoor Air], B067568-BLK1, B067568-BS1, B067568-DUP1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Acrylonitrile, p-Isopropyltoluene (p-Cymene)

B067568-BS1, 13B0107-03[Kitchen Storage Room]

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EPA TO-15

Initial and continuing calibrations met all required performance standards for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative.

Laboratory control sample recoveries and sample replicate RPDs were all within limits specified by the method for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative. Recovery limits of 50-150% are used for propene, acetone, ethanol, isopropanol, ethyl acetate, tetrahydrofuran, cyclohexane, heptane, 2-hexanone, 4-ethyltoluene, n-butylbenzene, sec-butylbenzene, 4-isopropyltoluene, and 1,1,1,2-tetrachloroethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Gymnasium
Sample ID: 13B0107-01
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:28

Sample Description/Location:
Sub Description/Location:
Canister ID: 1846
Canister Size: 6 liter
Flow Controller ID: 4187
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	4.9	0.80		12	1.9	0.4	2/6/13 23:57	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 23:57	TPH
Benzene	0.13	0.020		0.40	0.064	0.4	2/6/13 23:57	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 23:57	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 23:57	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/6/13 23:57	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 23:57	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 23:57	TPH
Carbon Tetrachloride	0.083	0.010		0.52	0.063	0.4	2/6/13 23:57	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 23:57	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/6/13 23:57	TPH
Chloroform	0.018	0.010		0.088	0.049	0.4	2/6/13 23:57	TPH
Chloromethane	0.58	0.020		1.2	0.041	0.4	2/6/13 23:57	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 23:57	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 23:57	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 23:57	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 23:57	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 23:57	TPH
Dichlorodifluoromethane (Freon 12)	0.33	0.020		1.6	0.099	0.4	2/6/13 23:57	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 23:57	TPH
1,2-Dichloroethane	0.020	0.010		0.083	0.040	0.4	2/6/13 23:57	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 23:57	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 23:57	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 23:57	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 23:57	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 23:57	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 23:57	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 23:57	TPH
Ethylbenzene	ND	0.020		ND	0.087	0.4	2/6/13 23:57	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 23:57	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 23:57	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 23:57	TPH
Methylene Chloride	0.20	0.20		0.69	0.69	0.4	2/6/13 23:57	TPH
4-Methyl-2-pentanone (MIBK)	0.030	0.020	L-03, V-05	0.12	0.082	0.4	2/6/13 23:57	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/6/13 23:57	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 23:57	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/6/13 23:57	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Gymnasium
Sample ID: 13B0107-01
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:28

Sample Description/Location:
Sub Description/Location:
Canister ID: 1846
Canister Size: 6 liter
Flow Controller ID: 4187
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.011	0.010		0.073	0.068	0.4	2/6/13 23:57	TPH
Toluene	0.11	0.020		0.43	0.075	0.4	2/6/13 23:57	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 23:57	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 23:57	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/6/13 23:57	TPH
Trichlorofluoromethane (Freon 11)	0.29	0.020		1.7	0.11	0.4	2/6/13 23:57	TPH
1,2,4-Trimethylbenzene	0.035	0.020		0.17	0.098	0.4	2/6/13 23:57	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/6/13 23:57	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/6/13 23:57	TPH
m&p-Xylene	0.050	0.040		0.22	0.17	0.4	2/6/13 23:57	TPH
o-Xylene	ND	0.020		ND	0.087	0.4	2/6/13 23:57	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	119	70-130	2/6/13 23:57
4-Bromofluorobenzene (2)	108	70-130	2/6/13 23:57

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Cafeteria
Sample ID: 13B0107-02
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:24

Sample Description/Location:
Sub Description/Location:
Canister ID: 1756
Canister Size: 6 liter
Flow Controller ID: 4185
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	6.2	0.80		15	1.9	0.4	2/7/13 1:26	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 1:26	TPH
Benzene	0.13	0.020		0.41	0.064	0.4	2/7/13 1:26	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 1:26	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 1:26	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 1:26	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 1:26	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 1:26	TPH
Carbon Tetrachloride	0.081	0.010		0.51	0.063	0.4	2/7/13 1:26	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 1:26	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 1:26	TPH
Chloroform	0.049	0.010		0.24	0.049	0.4	2/7/13 1:26	TPH
Chloromethane	0.61	0.020		1.3	0.041	0.4	2/7/13 1:26	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 1:26	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 1:26	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 1:26	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 1:26	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 1:26	TPH
Dichlorodifluoromethane (Freon 12)	0.32	0.020		1.6	0.099	0.4	2/7/13 1:26	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 1:26	TPH
1,2-Dichloroethane	0.021	0.010		0.084	0.040	0.4	2/7/13 1:26	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 1:26	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 1:26	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 1:26	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 1:26	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 1:26	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 1:26	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 1:26	TPH
Ethylbenzene	ND	0.020		ND	0.087	0.4	2/7/13 1:26	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 1:26	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 1:26	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 1:26	TPH
Methylene Chloride	ND	0.20		ND	0.69	0.4	2/7/13 1:26	TPH
4-Methyl-2-pentanone (MIBK)	0.024	0.020	L-03, V-05	0.100	0.082	0.4	2/7/13 1:26	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/7/13 1:26	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 1:26	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 1:26	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Cafeteria
Sample ID: 13B0107-02
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:24

Sample Description/Location:
Sub Description/Location:
Canister ID: 1756
Canister Size: 6 liter
Flow Controller ID: 4185
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.014	0.010		0.095	0.068	0.4	2/7/13 1:26	TPH
Toluene	0.12	0.020		0.46	0.075	0.4	2/7/13 1:26	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 1:26	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 1:26	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 1:26	TPH
Trichlorofluoromethane (Freon 11)	0.29	0.020		1.6	0.11	0.4	2/7/13 1:26	TPH
1,2,4-Trimethylbenzene	0.036	0.020		0.18	0.098	0.4	2/7/13 1:26	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 1:26	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 1:26	TPH
m&p-Xylene	0.048	0.040		0.21	0.17	0.4	2/7/13 1:26	TPH
o-Xylene	0.020	0.020		0.089	0.087	0.4	2/7/13 1:26	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	117	70-130	2/7/13 1:26
4-Bromofluorobenzene (2)	106	70-130	2/7/13 1:26

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Kitchen Storage Room
Sample ID: 13B0107-03
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1841
Canister Size: 6 liter
Flow Controller ID: 4186
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	6.9	0.80		16	1.9	0.4	2/7/13 2:59	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 2:59	TPH
Benzene	0.15	0.020		0.47	0.064	0.4	2/7/13 2:59	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 2:59	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 2:59	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 2:59	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 2:59	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 2:59	TPH
Carbon Tetrachloride	0.083	0.010		0.52	0.063	0.4	2/7/13 2:59	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 2:59	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 2:59	TPH
Chloroform	0.080	0.010		0.39	0.049	0.4	2/7/13 2:59	TPH
Chloromethane	0.57	0.020		1.2	0.041	0.4	2/7/13 2:59	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 2:59	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 2:59	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 2:59	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 2:59	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 2:59	TPH
Dichlorodifluoromethane (Freon 12)	0.32	0.020		1.6	0.099	0.4	2/7/13 2:59	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 2:59	TPH
1,2-Dichloroethane	0.019	0.010		0.076	0.040	0.4	2/7/13 2:59	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 2:59	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 2:59	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 2:59	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 2:59	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 2:59	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 2:59	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 2:59	TPH
Ethylbenzene	0.030	0.020		0.13	0.087	0.4	2/7/13 2:59	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 2:59	TPH
p-Isopropyltoluene (p-Cymene)	0.053	0.046	L-05, V-06	0.29	0.25	0.4	2/7/13 2:59	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 2:59	TPH
Methylene Chloride	0.23	0.20		0.80	0.69	0.4	2/7/13 2:59	TPH
4-Methyl-2-pentanone (MIBK)	0.023	0.020	L-03, V-05	0.093	0.082	0.4	2/7/13 2:59	TPH
Styrene	0.20	0.020		0.87	0.085	0.4	2/7/13 2:59	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 2:59	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 2:59	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Kitchen Storage Room
Sample ID: 13B0107-03
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:25

Sample Description/Location:
Sub Description/Location:
Canister ID: 1841
Canister Size: 6 liter
Flow Controller ID: 4186
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -7
Receipt Vacuum(in Hg): -7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.020	0.010		0.13	0.068	0.4	2/7/13 2:59	TPH
Toluene	0.21	0.020		0.81	0.075	0.4	2/7/13 2:59	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 2:59	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 2:59	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 2:59	TPH
Trichlorofluoromethane (Freon 11)	0.29	0.020		1.6	0.11	0.4	2/7/13 2:59	TPH
1,2,4-Trimethylbenzene	0.067	0.020		0.33	0.098	0.4	2/7/13 2:59	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 2:59	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 2:59	TPH
m&p-Xylene	0.063	0.040		0.27	0.17	0.4	2/7/13 2:59	TPH
o-Xylene	0.026	0.020		0.11	0.087	0.4	2/7/13 2:59	TPH

Surrogates	% Recovery	% REC Limits	Date/Time Analyzed
4-Bromofluorobenzene (1)	119	70-130	2/7/13 2:59
4-Bromofluorobenzene (2)	109	70-130	2/7/13 2:59

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Elevator Hallway
Sample ID: 13B0107-04
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:29

Sample Description/Location:
Sub Description/Location:
Canister ID: 1451
Canister Size: 6 liter
Flow Controller ID: 4184
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -26
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	5.8	0.80		14	1.9	0.4	2/7/13 4:34	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 4:34	TPH
Benzene	0.13	0.020		0.42	0.064	0.4	2/7/13 4:34	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 4:34	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 4:34	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 4:34	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 4:34	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 4:34	TPH
Carbon Tetrachloride	0.080	0.010		0.51	0.063	0.4	2/7/13 4:34	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 4:34	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 4:34	TPH
Chloroform	0.025	0.010		0.12	0.049	0.4	2/7/13 4:34	TPH
Chloromethane	0.60	0.020		1.2	0.041	0.4	2/7/13 4:34	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 4:34	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 4:34	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 4:34	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 4:34	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 4:34	TPH
Dichlorodifluoromethane (Freon 12)	0.33	0.020		1.6	0.099	0.4	2/7/13 4:34	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 4:34	TPH
1,2-Dichloroethane	0.021	0.010		0.086	0.040	0.4	2/7/13 4:34	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 4:34	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 4:34	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 4:34	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 4:34	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 4:34	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 4:34	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 4:34	TPH
Ethylbenzene	0.020	0.020		0.087	0.087	0.4	2/7/13 4:34	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 4:34	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 4:34	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 4:34	TPH
Methylene Chloride	ND	0.20		ND	0.69	0.4	2/7/13 4:34	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.020	L-03, V-05	ND	0.082	0.4	2/7/13 4:34	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/7/13 4:34	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 4:34	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 4:34	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Elevator Hallway
Sample ID: 13B0107-04
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:29

Sample Description/Location:
Sub Description/Location:
Canister ID: 1451
Canister Size: 6 liter
Flow Controller ID: 4184
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -26
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.018	0.010		0.12	0.068	0.4	2/7/13 4:34	TPH
Toluene	0.14	0.020		0.52	0.075	0.4	2/7/13 4:34	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 4:34	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 4:34	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 4:34	TPH
Trichlorofluoromethane (Freon 11)	0.28	0.020		1.6	0.11	0.4	2/7/13 4:34	TPH
1,2,4-Trimethylbenzene	0.033	0.020		0.16	0.098	0.4	2/7/13 4:34	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 4:34	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 4:34	TPH
m&p-Xylene	0.053	0.040		0.23	0.17	0.4	2/7/13 4:34	TPH
o-Xylene	ND	0.020		ND	0.087	0.4	2/7/13 4:34	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	116	70-130	2/7/13 4:34
4-Bromofluorobenzene (2)	107	70-130	2/7/13 4:34

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 145
Sample ID: 13B0107-05
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:44

Sample Description/Location:
Sub Description/Location:
Canister ID: 1231
Canister Size: 6 liter
Flow Controller ID: 4182
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	6.6	0.80		16	1.9	0.4	2/7/13 6:07	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 6:07	TPH
Benzene	0.16	0.020		0.50	0.064	0.4	2/7/13 6:07	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 6:07	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 6:07	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 6:07	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 6:07	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 6:07	TPH
Carbon Tetrachloride	0.083	0.010		0.52	0.063	0.4	2/7/13 6:07	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 6:07	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 6:07	TPH
Chloroform	0.019	0.010		0.092	0.049	0.4	2/7/13 6:07	TPH
Chloromethane	0.61	0.020		1.3	0.041	0.4	2/7/13 6:07	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 6:07	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 6:07	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 6:07	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 6:07	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 6:07	TPH
Dichlorodifluoromethane (Freon 12)	0.33	0.020		1.6	0.099	0.4	2/7/13 6:07	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 6:07	TPH
1,2-Dichloroethane	0.020	0.010		0.079	0.040	0.4	2/7/13 6:07	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 6:07	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 6:07	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 6:07	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 6:07	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 6:07	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 6:07	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 6:07	TPH
Ethylbenzene	0.044	0.020		0.19	0.087	0.4	2/7/13 6:07	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 6:07	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 6:07	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 6:07	TPH
Methylene Chloride	0.23	0.20		0.81	0.69	0.4	2/7/13 6:07	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.020	L-03, V-05	ND	0.082	0.4	2/7/13 6:07	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/7/13 6:07	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 6:07	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 6:07	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 145
Sample ID: 13B0107-05
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:44

Sample Description/Location:
Sub Description/Location:
Canister ID: 1231
Canister Size: 6 liter
Flow Controller ID: 4182
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.065	0.010		0.44	0.068	0.4	2/7/13 6:07	TPH
Toluene	0.25	0.020		0.95	0.075	0.4	2/7/13 6:07	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 6:07	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 6:07	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 6:07	TPH
Trichlorofluoromethane (Freon 11)	0.28	0.020		1.6	0.11	0.4	2/7/13 6:07	TPH
1,2,4-Trimethylbenzene	0.046	0.020		0.22	0.098	0.4	2/7/13 6:07	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 6:07	TPH
Vinyl Chloride	0.020	0.010		0.051	0.026	0.4	2/7/13 6:07	TPH
m&p-Xylene	0.12	0.040		0.51	0.17	0.4	2/7/13 6:07	TPH
o-Xylene	0.050	0.020		0.22	0.087	0.4	2/7/13 6:07	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	116	70-130	2/7/13 6:07
4-Bromofluorobenzene (2)	105	70-130	2/7/13 6:07

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 152
Sample ID: 13B0107-06
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1172
Canister Size: 6 liter
Flow Controller ID: 4084
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	7.4	0.80		18	1.9	0.4	2/7/13 7:39	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 7:39	TPH
Benzene	0.13	0.020		0.43	0.064	0.4	2/7/13 7:39	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 7:39	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 7:39	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 7:39	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 7:39	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 7:39	TPH
Carbon Tetrachloride	0.080	0.010		0.51	0.063	0.4	2/7/13 7:39	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 7:39	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 7:39	TPH
Chloroform	0.018	0.010		0.088	0.049	0.4	2/7/13 7:39	TPH
Chloromethane	0.54	0.020		1.1	0.041	0.4	2/7/13 7:39	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 7:39	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 7:39	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 7:39	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 7:39	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 7:39	TPH
Dichlorodifluoromethane (Freon 12)	0.34	0.020		1.7	0.099	0.4	2/7/13 7:39	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 7:39	TPH
1,2-Dichloroethane	0.024	0.010		0.099	0.040	0.4	2/7/13 7:39	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 7:39	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 7:39	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 7:39	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 7:39	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 7:39	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 7:39	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 7:39	TPH
Ethylbenzene	ND	0.020		ND	0.087	0.4	2/7/13 7:39	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 7:39	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 7:39	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 7:39	TPH
Methylene Chloride	0.22	0.20		0.76	0.69	0.4	2/7/13 7:39	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.020	L-03, V-05	ND	0.082	0.4	2/7/13 7:39	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/7/13 7:39	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 7:39	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 7:39	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 152
Sample ID: 13B0107-06
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:38

Sample Description/Location:
Sub Description/Location:
Canister ID: 1172
Canister Size: 6 liter
Flow Controller ID: 4084
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.014	0.010		0.092	0.068	0.4	2/7/13 7:39	TPH
Toluene	0.13	0.020		0.51	0.075	0.4	2/7/13 7:39	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 7:39	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 7:39	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 7:39	TPH
Trichlorofluoromethane (Freon 11)	0.28	0.020		1.6	0.11	0.4	2/7/13 7:39	TPH
1,2,4-Trimethylbenzene	0.032	0.020		0.16	0.098	0.4	2/7/13 7:39	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 7:39	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 7:39	TPH
m&p-Xylene	0.048	0.040		0.21	0.17	0.4	2/7/13 7:39	TPH
o-Xylene	ND	0.020		ND	0.087	0.4	2/7/13 7:39	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	118	70-130	2/7/13 7:39
4-Bromofluorobenzene (2)	104	70-130	2/7/13 7:39

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 118
Sample ID: 13B0107-07
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:49

Sample Description/Location:
Sub Description/Location:
Canister ID: 1301
Canister Size: 6 liter
Flow Controller ID: 4106
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	3.8	0.80		9.1	1.9	0.4	2/7/13 9:13	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 9:13	TPH
Benzene	0.13	0.020		0.41	0.064	0.4	2/7/13 9:13	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 9:13	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 9:13	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 9:13	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 9:13	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 9:13	TPH
Carbon Tetrachloride	0.087	0.010		0.55	0.063	0.4	2/7/13 9:13	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 9:13	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 9:13	TPH
Chloroform	0.018	0.010		0.088	0.049	0.4	2/7/13 9:13	TPH
Chloromethane	0.60	0.020		1.2	0.041	0.4	2/7/13 9:13	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 9:13	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 9:13	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 9:13	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 9:13	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 9:13	TPH
Dichlorodifluoromethane (Freon 12)	0.33	0.020		1.6	0.099	0.4	2/7/13 9:13	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 9:13	TPH
1,2-Dichloroethane	0.022	0.010		0.089	0.040	0.4	2/7/13 9:13	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 9:13	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 9:13	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 9:13	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 9:13	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 9:13	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 9:13	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 9:13	TPH
Ethylbenzene	0.024	0.020		0.11	0.087	0.4	2/7/13 9:13	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 9:13	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 9:13	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 9:13	TPH
Methylene Chloride	0.23	0.20		0.81	0.69	0.4	2/7/13 9:13	TPH
4-Methyl-2-pentanone (MIBK)	0.045	0.020	L-03, V-05	0.19	0.082	0.4	2/7/13 9:13	TPH
Styrene	0.022	0.020		0.095	0.085	0.4	2/7/13 9:13	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 9:13	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 9:13	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 118
Sample ID: 13B0107-07
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:49

Sample Description/Location:
Sub Description/Location:
Canister ID: 1301
Canister Size: 6 liter
Flow Controller ID: 4106
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.013	0.010		0.090	0.068	0.4	2/7/13 9:13	TPH
Toluene	0.17	0.020		0.65	0.075	0.4	2/7/13 9:13	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 9:13	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 9:13	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 9:13	TPH
Trichlorofluoromethane (Freon 11)	0.29	0.020		1.6	0.11	0.4	2/7/13 9:13	TPH
1,2,4-Trimethylbenzene	0.030	0.020		0.15	0.098	0.4	2/7/13 9:13	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 9:13	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 9:13	TPH
m&p-Xylene	0.050	0.040		0.22	0.17	0.4	2/7/13 9:13	TPH
o-Xylene	0.021	0.020		0.092	0.087	0.4	2/7/13 9:13	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	116	70-130	2/7/13 9:13
4-Bromofluorobenzene (2)	103	70-130	2/7/13 9:13

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 110
Sample ID: 13B0107-08
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 1220
Canister Size: 6 liter
Flow Controller ID: 4105
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	16	0.80		39	1.9	0.4	2/7/13 10:46	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 10:46	TPH
Benzene	0.15	0.020		0.49	0.064	0.4	2/7/13 10:46	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 10:46	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 10:46	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 10:46	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 10:46	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 10:46	TPH
Carbon Tetrachloride	0.081	0.010		0.51	0.063	0.4	2/7/13 10:46	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 10:46	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 10:46	TPH
Chloroform	0.019	0.010		0.092	0.049	0.4	2/7/13 10:46	TPH
Chloromethane	0.66	0.020		1.4	0.041	0.4	2/7/13 10:46	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 10:46	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 10:46	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 10:46	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 10:46	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 10:46	TPH
Dichlorodifluoromethane (Freon 12)	0.32	0.020		1.6	0.099	0.4	2/7/13 10:46	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 10:46	TPH
1,2-Dichloroethane	0.022	0.010		0.089	0.040	0.4	2/7/13 10:46	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 10:46	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 10:46	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 10:46	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 10:46	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 10:46	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 10:46	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 10:46	TPH
Ethylbenzene	0.020	0.020		0.089	0.087	0.4	2/7/13 10:46	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 10:46	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 10:46	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 10:46	TPH
Methylene Chloride	0.64	0.20		2.2	0.69	0.4	2/7/13 10:46	TPH
4-Methyl-2-pentanone (MIBK)	0.067	0.020	L-03, V-05	0.28	0.082	0.4	2/7/13 10:46	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/7/13 10:46	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 10:46	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 10:46	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Room 110
Sample ID: 13B0107-08
Sample Matrix: Indoor air
Sampled: 2/1/2013 08:50

Sample Description/Location:
Sub Description/Location:
Canister ID: 1220
Canister Size: 6 liter
Flow Controller ID: 4105
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -8
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.031	0.010		0.21	0.068	0.4	2/7/13 10:46	TPH
Toluene	0.21	0.020		0.78	0.075	0.4	2/7/13 10:46	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 10:46	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 10:46	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 10:46	TPH
Trichlorofluoromethane (Freon 11)	0.31	0.020		1.7	0.11	0.4	2/7/13 10:46	TPH
1,2,4-Trimethylbenzene	0.024	0.020		0.12	0.098	0.4	2/7/13 10:46	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 10:46	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 10:46	TPH
m&p-Xylene	0.048	0.040		0.21	0.17	0.4	2/7/13 10:46	TPH
o-Xylene	0.021	0.020		0.090	0.087	0.4	2/7/13 10:46	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	120	70-130	2/7/13 10:46
4-Bromofluorobenzene (2)	105	70-130	2/7/13 10:46

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Ambient Outdoor Air
Sample ID: 13B0107-09
Sample Matrix: Ambient Air
Sampled: 2/1/2013 11:13

Sample Description/Location:
Sub Description/Location:
Canister ID: 1877
Canister Size: 6 liter
Flow Controller ID: 1407
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	3.5	0.80		8.2	1.9	0.4	2/7/13 12:16	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/7/13 12:16	TPH
Benzene	0.13	0.020		0.41	0.064	0.4	2/7/13 12:16	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/7/13 12:16	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/7/13 12:16	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/7/13 12:16	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/7/13 12:16	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/7/13 12:16	TPH
Carbon Tetrachloride	0.086	0.010		0.54	0.063	0.4	2/7/13 12:16	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/7/13 12:16	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/7/13 12:16	TPH
Chloroform	0.020	0.010		0.098	0.049	0.4	2/7/13 12:16	TPH
Chloromethane	0.54	0.020		1.1	0.041	0.4	2/7/13 12:16	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/7/13 12:16	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/7/13 12:16	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 12:16	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 12:16	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/7/13 12:16	TPH
Dichlorodifluoromethane (Freon 12)	0.32	0.020		1.6	0.099	0.4	2/7/13 12:16	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/7/13 12:16	TPH
1,2-Dichloroethane	0.026	0.010		0.11	0.040	0.4	2/7/13 12:16	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 12:16	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 12:16	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/7/13 12:16	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/7/13 12:16	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/7/13 12:16	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 12:16	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/7/13 12:16	TPH
Ethylbenzene	0.030	0.020		0.13	0.087	0.4	2/7/13 12:16	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/7/13 12:16	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/7/13 12:16	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/7/13 12:16	TPH
Methylene Chloride	ND	0.20		ND	0.69	0.4	2/7/13 12:16	TPH
4-Methyl-2-pentanone (MIBK)	0.023	0.020	L-03, V-05	0.095	0.082	0.4	2/7/13 12:16	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/7/13 12:16	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/7/13 12:16	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/7/13 12:16	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: Ambient Outdoor Air
Sample ID: 13B0107-09
Sample Matrix: Ambient Air
Sampled: 2/1/2013 11:13

Sample Description/Location:
Sub Description/Location:
Canister ID: 1877
Canister Size: 6 liter
Flow Controller ID: 1407
Sample Type: 30 min

Work Order: 13B0107
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.020	0.010		0.14	0.068	0.4	2/7/13 12:16	TPH
Toluene	0.12	0.020		0.46	0.075	0.4	2/7/13 12:16	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 12:16	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/7/13 12:16	TPH
Trichloroethylene	ND	0.010		ND	0.054	0.4	2/7/13 12:16	TPH
Trichlorofluoromethane (Freon 11)	0.29	0.020		1.6	0.11	0.4	2/7/13 12:16	TPH
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 12:16	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/7/13 12:16	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/7/13 12:16	TPH
m&p-Xylene	0.091	0.040		0.40	0.17	0.4	2/7/13 12:16	TPH
o-Xylene	0.033	0.020		0.14	0.087	0.4	2/7/13 12:16	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	118	70-130	2/7/13 12:16
4-Bromofluorobenzene (2)	104	70-130	2/7/13 12:16

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
13B0107-01 [Gymnasium]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-02 [Cafeteria]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-03 [Kitchen Storage Room]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-04 [Elevator Hallway]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-05 [Room 145]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-06 [Room 152]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-07 [Room 118]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-08 [Room 110]	B067568	1	1	N/A	1000	400	1000	02/06/13
13B0107-09 [Ambient Outdoor Air]	B067568	1	1	N/A	1000	400	1000	02/06/13

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B067568 - TO-15 Prep											
Blank (B067568-BLK1)					Prepared & Analyzed: 02/06/13						
Acetone	ND	2.0									
Acrylonitrile	ND	0.29									
Benzene	ND	0.050									
Bromodichloromethane	ND	0.025									
Bromoform	ND	0.050									
2-Butanone (MEK)	ND	2.0									
n-Butylbenzene	ND	0.14									
sec-Butylbenzene	ND	0.11									
Carbon Tetrachloride	ND	0.025									
Chlorobenzene	ND	0.050									
Chloroethane	ND	0.050									
Chloroform	ND	0.025									
Chloromethane	ND	0.050									
Dibromochloromethane	ND	0.050									
1,2-Dibromoethane (EDB)	ND	0.025									
1,2-Dichlorobenzene	ND	0.050									
1,3-Dichlorobenzene	ND	0.050									
1,4-Dichlorobenzene	ND	0.050									
Dichlorodifluoromethane (Freon 12)	ND	0.050									
1,1-Dichloroethane	ND	0.025									
1,2-Dichloroethane	ND	0.025									
1,1-Dichloroethylene	ND	0.025									
cis-1,2-Dichloroethylene	ND	0.025									
trans-1,2-Dichloroethylene	ND	0.025									
1,2-Dichloropropane	ND	0.050									
1,3-Dichloropropane	ND	0.14									
cis-1,3-Dichloropropene	ND	0.025									
trans-1,3-Dichloropropene	ND	0.025									
Ethylbenzene	ND	0.050									
Isopropylbenzene (Cumene)	ND	0.13									
p-Isopropyltoluene (p-Cymene)	ND	0.11									
Methyl tert-Butyl Ether (MTBE)	ND	0.050									
Methylene Chloride	ND	0.50									
4-Methyl-2-pentanone (MIBK)	ND	0.050									L-03, V-05
Styrene	ND	0.050									
1,1,1,2-Tetrachloroethane	ND	0.091									
1,1,2,2-Tetrachloroethane	ND	0.025									
Tetrachloroethylene	ND	0.025									
Toluene	ND	0.050									
1,1,1-Trichloroethane	ND	0.025									
1,1,2-Trichloroethane	ND	0.025									
Trichloroethylene	ND	0.025									
Trichlorofluoromethane (Freon 11)	ND	0.050									
1,2,4-Trimethylbenzene	ND	0.050									
1,3,5-Trimethylbenzene	ND	0.050									
Vinyl Chloride	ND	0.025									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag
Batch B067568 - TO-15 Prep												
Blank (B067568-BLK1)					Prepared & Analyzed: 02/06/13							
m&p-Xylene	ND	0.10										
o-Xylene	ND	0.050										
Surrogate: 4-Bromofluorobenzene (1)	*9.49*				*8.00*		*119*		*70-130*			
Surrogate: 4-Bromofluorobenzene (2)	*8.86*				*8.00*		*111*		*70-130*			
LCS (B067568-BS1)					Prepared & Analyzed: 02/06/13							
Acetone	6.06				5.00		121		70-130			
Acrylonitrile	6.34				2.88		**220**	*	70-130			L-01, V-06
Benzene	4.03				5.00		80.6		70-130			
Bromodichloromethane	4.64				5.00		92.8		70-130			
Bromoform	5.29				5.00		106		70-130			
2-Butanone (MEK)	4.30				5.00		86.1		70-130			
n-Butylbenzene	1.65				1.14		**145**	*	70-130			L-01
sec-Butylbenzene	1.65				1.14		**145**	*	70-130			L-01
Carbon Tetrachloride	4.97				5.00		99.3		70-130			
Chlorobenzene	4.74				5.00		94.9		70-130			
Chloroethane	6.60				5.00		**132**	*	70-130			L-01
Chloroform	6.14				5.00		123		70-130			
Chloromethane	4.98				5.00		99.6		70-130			
Dibromochloromethane	4.87				5.00		97.3		70-130			
1,2-Dibromoethane (EDB)	4.50				5.00		89.9		70-130			
1,2-Dichlorobenzene	5.83				5.00		117		70-130			
1,3-Dichlorobenzene	5.67				5.00		113		70-130			
1,4-Dichlorobenzene	5.47				5.00		109		70-130			
Dichlorodifluoromethane (Freon 12)	5.83				5.00		117		70-130			
1,1-Dichloroethane	5.47				5.00		109		70-130			
1,2-Dichloroethane	5.47				5.00		109		70-130			
1,1-Dichloroethylene	5.11				5.00		102		70-130			
cis-1,2-Dichloroethylene	5.54				5.00		111		70-130			
trans-1,2-Dichloroethylene	5.18				5.00		104		70-130			
1,2-Dichloropropane	4.08				5.00		81.6		70-130			
1,3-Dichloropropane	1.65				1.35		122		70-130			
cis-1,3-Dichloropropene	4.72				5.00		94.5		70-130			
trans-1,3-Dichloropropene	4.48				5.00		89.5		70-130			
Ethylbenzene	4.57				5.00		91.4		70-130			
Isopropylbenzene (Cumene)	1.70				1.27		**134**	*	70-130			L-01
p-Isopropyltoluene (p-Cymene)	1.80				1.14		**158**	*	70-130			L-05, V-06
Methyl tert-Butyl Ether (MTBE)	5.88				5.00		118		70-130			
Methylene Chloride	4.53				5.00		90.7		70-130			
4-Methyl-2-pentanone (MIBK)	3.45				5.00		**69.1**	*	70-130			L-03, V-05
Styrene	4.88				5.00		97.5		70-130			
1,1,1,2-Tetrachloroethane	1.19				0.910		**131**	*	70-130			L-01
1,1,2,2-Tetrachloroethane	4.56				5.00		91.1		70-130			
Tetrachloroethylene	5.73				5.00		115		70-130			
Toluene	4.49				5.00		89.7		70-130			
1,1,1-Trichloroethane	4.62				5.00		92.3		70-130			
1,1,2-Trichloroethane	4.67				5.00		93.4		70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B067568 - TO-15 Prep											
LCS (B067568-BS1)					Prepared & Analyzed: 02/06/13						
Trichloroethylene	4.62				5.00		92.4	70-130			
Trichlorofluoromethane (Freon 11)	6.26				5.00		125	70-130			
1,2,4-Trimethylbenzene	5.00				5.00		100	70-130			
1,3,5-Trimethylbenzene	4.92				5.00		98.4	70-130			
Vinyl Chloride	5.75				5.00		115	70-130			
m&p-Xylene	9.26				10.0		92.6	70-130			
o-Xylene	4.58				5.00		91.5	70-130			
Surrogate: 4-Bromofluorobenzene (1)	*9.28*				*8.00*		*116*	*70-130*			
Surrogate: 4-Bromofluorobenzene (2)	*9.19*				*8.00*		*115*	*70-130*			
Duplicate (B067568-DUP1)					**Source: 13B0107-09**	Prepared: 02/06/13 Analyzed: 02/07/13					
Acetone	3.0	0.80	7.1	1.9		3.5			14.2	25	
Acrylonitrile	ND	0.12	ND	0.25		ND				25	
Benzene	0.11	0.020	0.36	0.064		0.13			12.9	25	
Bromodichloromethane	ND	0.010	ND	0.067		ND				25	
Bromoform	ND	0.020	ND	0.21		ND				25	
2-Butanone (MEK)	0.37	0.80	1.1	2.4		0.43			15.5	25	
n-Butylbenzene	ND	0.058	ND	0.32		ND				25	
sec-Butylbenzene	ND	0.046	ND	0.25		ND				25	
Carbon Tetrachloride	0.077	0.010	0.49	0.063		0.086			10.8	25	
Chlorobenzene	ND	0.020	ND	0.092		ND				25	
Chloroethane	ND	0.020	ND	0.053		ND				25	
Chloroform	0.018	0.010	0.086	0.049		0.020			12.8	25	
Chloromethane	0.45	0.020	0.93	0.041		0.54			18.6	25	
Dibromochloromethane	ND	0.020	ND	0.17		ND				25	
1,2-Dibromoethane (EDB)	ND	0.010	ND	0.077		ND				25	
1,2-Dichlorobenzene	ND	0.020	ND	0.12		ND				25	
1,3-Dichlorobenzene	ND	0.020	ND	0.12		ND				25	
1,4-Dichlorobenzene	ND	0.020	ND	0.12		ND				25	
Dichlorodifluoromethane (Freon 12)	0.30	0.020	1.5	0.099		0.32			5.30	25	
1,1-Dichloroethane	ND	0.010	ND	0.040		ND				25	
1,2-Dichloroethane	0.020	0.010	0.083	0.040		0.026			24.1	25	
1,1-Dichloroethylene	ND	0.010	ND	0.040		ND				25	
cis-1,2-Dichloroethylene	ND	0.010	ND	0.040		ND				25	
trans-1,2-Dichloroethylene	ND	0.010	ND	0.040		ND				25	
1,2-Dichloropropane	ND	0.020	ND	0.092		ND				25	
1,3-Dichloropropane	ND	0.054	ND	0.25		ND				25	
cis-1,3-Dichloropropene	ND	0.010	ND	0.045		ND				25	
trans-1,3-Dichloropropene	ND	0.010	ND	0.045		ND				25	
Ethylbenzene	0.027	0.020	0.12	0.087		0.030			11.1	25	
Isopropylbenzene (Cumene)	ND	0.051	ND	0.25		ND				25	
p-Isopropyltoluene (p-Cymene)	ND	0.046	ND	0.25		ND				25	
Methyl tert-Butyl Ether (MTBE)	ND	0.020	ND	0.072		ND				25	
Methylene Chloride	0.14	0.20	0.50	0.69		0.17			13.2	25	
4-Methyl-2-pentanone (MIBK)	0.022	0.020	0.088	0.082		0.023			7.14	25	L-03, V-05
Styrene	ND	0.020	ND	0.085		ND				25	
1,1,1,2-Tetrachloroethane	ND	0.036	ND	0.25		ND				25	

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B067568 - TO-15 Prep											
Duplicate (B067568-DUP1)			**Source: 13B0107-09**		Prepared: 02/06/13 Analyzed: 02/07/13						
1,1,2,2-Tetrachloroethane	ND	0.010	ND	0.069		ND				25	
Tetrachloroethylene	0.016	0.010	0.11	0.068		0.020			24.2	25	
Toluene	0.11	0.020	0.41	0.075		0.12			12.4	25	
1,1,1-Trichloroethane	ND	0.010	ND	0.055		ND				25	
1,1,2-Trichloroethane	ND	0.010	ND	0.055		ND				25	
Trichloroethylene	ND	0.010	ND	0.054		0.0084				25	
Trichlorofluoromethane (Freon 11)	0.25	0.020	1.4	0.11		0.29			14.7	25	
1,2,4-Trimethylbenzene	0.013	0.020	0.063	0.098		0.015			14.5	25	
1,3,5-Trimethylbenzene	ND	0.020	ND	0.098		ND				25	
Vinyl Chloride	ND	0.010	ND	0.026		ND				25	
m&p-Xylene	0.081	0.040	0.35	0.17		0.091			12.1	25	
o-Xylene	0.031	0.020	0.13	0.087		0.033			6.29	25	
Surrogate: 4-Bromofluorobenzene (1)	*9.40*				*8.00*		*118*	*70-130*			
Surrogate: 4-Bromofluorobenzene (2)	*8.17*				*8.00*		*102*	*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-05	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY
Acrylonitrile	AIHA,NJ
Benzene	AIHA,FL,NJ,NY,VA
Bromodichloromethane	AIHA,NJ,NY,VA
Bromoform	AIHA,NJ,NY,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA
n-Butylbenzene	AIHA
sec-Butylbenzene	AIHA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloroform	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
Dibromochloromethane	AIHA,NY
1,2-Dibromoethane (EDB)	AIHA,NJ,NY
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
1,3-Dichloropropane	AIHA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA
trans-1,3-Dichloropropene	AIHA,NY
Ethylbenzene	AIHA,FL,NJ,NY,VA
Isopropylbenzene (Cumene)	AIHA,NJ,NY
p-Isopropyltoluene (p-Cymene)	AIHA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY
Styrene	AIHA,FL,NJ,NY,VA
1,1,1,2-Tetrachloroethane	AIHA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
o-Xylene	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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www.contestlabs.com

AIR SAMPLE CHAIN OF CUSTODY RECORD

13B0107

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

Company Name: EA Engineering,
Address: 2374 Post Rd., Suite 102
Warwick, RI 02886
Attention: Paul Theroux
Project Location: Alvarez HS, Providence, RI
Sampled By: PT, MR, HH
Proposal Provided? (For Billing purposes)
☐ yes ____________ proposal date

Telephone: (401) 736-3440
Project # 14687.01
Client PO # ______

DATA DELIVERY (check one):
☐FAX ☒EMAIL ☐WEBSITE CLIENT
Fax #: ______
Email: PTheroux@eaest.com
Format: ☐ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER___

Please fill out completely, sign, da[te] and retain the yellow copy for your record[s].
Summa canisters a[nd] flow controllers mu[st be] returned within 14 d[ays] of receipt or rental f[ees] will apply.
Summa canisters w[ill be] retained for a minim[um] of 14 days after sampling date prior [to] cleaning.

Field ID	Sample Description	Media	Lab #	Start Date/Time	Stop Date/Time	Total Minutes Sampled	Flow Rate M³/Min. or L/Min.	Volume Liters or M³	Matrix Code*	ANALYSIS REQUESTED: TO-15 SIM					" Hg Initial Pressure	Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
	Gymnasium	S	-01	2/1/13 0800	2/1/13 0828	28			IA	X					-29	-6	.6	1846	418
	Cafeteria	↓	-02	2/1/13 0755	2/1/13 0824				IA	↓					-29	-5	.3	1756	418
	Kitchen Storage Room	↓	-03	2/1/13 0757	2/1/13 0825				↓	↓					-28	-7	.7	1841	4186
	Elevator Hallway	↓	-04	2/1/13 0801	2/1/13 0829				↓	↓					-26	-6	.7	1451	4184
	Room 145	↓	-05	2/1/13 0816	2/1/13 0844				↓	↓					-30	-6	.6	1231	4182
	Room 152	↓	-06	2/1/13 0808	2/1/13 0838				↓	↓					-30	-6	.6	1172	4684
	Room 118	↓	-07	2/1/13 0819	2/1/13 0849				↓	↓					-30	-6	.7	1301	4106
	Room 110	↓	-08	2/1/13 0820	2/1/13 0850				↓	↓					-30	-8	.6	1220	4105

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:
[signature]	2/4/13 1025
Received by: (signature) [signature]	2/4/13 1025
Relinquished by: (signature) [signature]	2/4/13 1510
Received by: (signature) [signature]	2-4-13 1251

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: ______
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☐ Y ☐ N
(Surchage Applies)
Required Detection Limits: per contract
Other: ______

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other____

****Media Codes:**
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

AIR SAMPLE CHAIN OF CUSTODY RECORD

13B0107

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

Company Name: EA Engineering
Address: 2374 Post Rd, Suite 102
Warwick, RI 02886
Attention: Paul Thereoux
Project Location: Alvarez Hts, Providence, RI
Sampled By: PT, MR, HH

Telephone: (401) 736-3440
Project # 14687.01
Client PO # _____

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # : _____
Email: PTheroux@eaest.com
Format: ☐ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER___

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED: TO-15-SIM	" Hg: Initial pressure	" Hg: Final Pressure	" Hg: Lab Receipt Pressure	Summa Canister ID	Flow Control ID
	Ambient Outdoor Air	S	09	2/1/13 1042	2/1/13 1113				AMB	X	-30	-5	-4	1877	148

Please fill out completely, sign, da and retain the yellow copy for your record
Summa canisters ar flow controllers mus returned within 14 d of receipt or rental f will apply.
Summa canisters wi retained for a minim of 14 days after sampling date prior cleaning.

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:
	2/4/13 1045
Received by: (signature)	Date/Time:
	2/4/13 1023
Relinquished by: (signature)	Date/Time:
	2/4/13 150
Received by: (signature)	Date/Time:
	2-4-13 1250

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☐ Y ☐ N
(Surchage Applies)
Required Detection Limits: per contract
Other: _____

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
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****Media Codes:**
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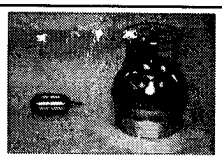
P=PUF
T=tube
F= filter
C=cassette
O = Other_____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified



www.contestlabs.com

con-test® ANALYTICAL LABORATORY

AIR Only Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: EA Engineering RECEIVED BY: WF DATE: 2-4-13

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) Are there any samples "On Hold"? Yes (No) Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

6) Location where samples are stored: AIR 146

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of Containers	Types (Size, Duration)
Summa Cans	9	6L
Tedlar Bags		
Tubes		
Regulators	9	30 min
Restrictors		
Tubing		
Other		

Unused Summas:

Unused Regulators:

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:

1846 1756 1841 1451
1231 1172 1301 1220
1877

4187 4185 4186 4184
4182 4084 4106 4105
1407

APPENDIX D

Subslab Vapor Analytical Summary and Lab Report

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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
Acetone	8-Feb-08	17.200		NS		NS		NS		4.750	U	NS		NS		NS		5.620		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		40.900		NS		NS		NS		92.000		9.820		16.400		NS	
	27-Jun-08	107.000		NS		NS		NS		145.000		NS		NS		NS		NS		20.400		9.730	
	31-Jul-08	NS		101.000		NS		NS		NS		NS		NS		NS		14.400		NS		18.100	
	28-Aug-08	NS		NS		1130.000		NS		NS		NS		30.900		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	19.600		NS		NS		NS		15.000		NS		NS		NS		17.900		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		10.400		NS		NS		37.200		22.000	
	21-Jan-09	NS		NS		NS		19.100		NS		NS		NS		6.100		2.400	U	NS		4.800	
	25-Feb-09	28.600		NS		NS		NS		60.900		NS		NS		NS		9.500		8.300		NS	
	26-Mar-09	NS		102.000		NS		NS		NS		47.500	U	NS		NS		NS		50.600		64.800	
	29-Apr-09	NS		NS		1980.000		NS		NS		NS		23.300		NS		5.150		NS		22.100	
	22-Jul-09	58.500		NS		59.5		148.000		NS		87.800		NS		NS		96.000		88.100		NS	
	9-Oct-09	NS		25.700		NS		NS		49.700		NS		9.200		11100.000		6.510		NS		16.800	
	15-Jan-10	33.600		NS		90.900		22.800		NS		26.300		NS		NS		12.500		11.200		NS	
	21-Apr-10	NS		21.900		NS		NS		206.000		NS		263.000		2870.000		72.800		NS		73.400	
	16-Jul-10	654.000		NS		4800.000		202.000		NS		11400.000		NS		NS		8.340		21.100		NS	
	15-Oct-10	NS		11.300		NS		NS		26.000		NS		10.200		18.300		7.030		NS		21.200	
	26-Jan-11	114.000		26.800		NS		54.400		NS		34.400		NS		35.400		25.300		33.300		NS	
	28-Feb-11	NS		NS		80.800		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		106.000		NS		NS		255.000		NS		220.000		227.000		17.800		NS		58.200	
	26-Jul-11	76.200		NS		120.000		154.000	E	NS		2730		NS		NS		12.800		23.800		NS	
	28-Oct-11	NS		48.000	U	NS		NS		48.000	U	NS		48.000	U	48.000	U	51.000		NS		48.000	U
	23-Jan-12	37.000		NS		36.000		19.000		NS		28.000		NS		NS		38.000		29.000		NS	
	13-Apr-12	NS		32.000		NS		NS		70.000		NS		32.000		83.000		54.000		NS		43.000	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		48.000	U	NS	
	23-Jun-12	21.000		NS		30.000		370.000		NS		1600.000		NS		NS		43.000		21.000		NS	
	1-Nov-12	NS		41.000		NS		NS		52.000		NS		75.000		44.000		35.000		NS		43.000	
	1-Feb-13	17.000		NS		12.000		25.000		NS		36.000		NS		NS		16.000		12.000		NS	
Acrylonitrile	8-Feb-08	1.080	U	NS		NS		NS		1.080	U	NS		NS		NS		1.080	U	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		1.080	U
	29-May-08	NS		NS		NS		1.080	U	NS		NS		NS		1.080	U	1.080	U	1.080	U	NS	
	27-Jun-08	1.690	U	NS		NS		NS		1.080	U	NS		NS		NS		NS		1.080	U	1.080	U
	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		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		NS		1.080	U	1.080	U	NS	
	9-Oct-09	NS		0.051	U	NS		NS		1.080	U	NS		1.080	U	226.000	U	1.080	U	NS		1.080	U
	15-Jan-10	1.080	U	NS		1.080	U	1.080	U	NS		1.080	U	NS		NS		1.080	U	1.080	U	NS	
	21-Apr-10	NS		1.080	U	NS		NS		5.420	U	NS		5.420	U	5.420	U	1.080	U	NS		1.080	U
	16-Jul-10	1.080	U	NS		1.080	U	1.080	U	NS		8.190	U	NS		NS		1.080	U	1.080	U	NS	
	15-Oct-10	NS		0.108	U	NS		NS		1.080	U	NS		1.080	U	1.080	U	1.080	U	NS		1.080	U
	26-Jan-11	10.800	U	1.080	U	NS		1.080	U	NS		5.420	U	NS		5.420	U	5.420	U	5.420	U	NS	
	28-Feb-11	NS		NS		10.800	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.080	U	NS		NS		1.080	U	NS		1.080	U	1.080	U	1.080	U	NS		1.080	U
	26-Jul-11	3.620	U	NS		3.620	U	1.080	U	NS		5.420	U	NS		NS		1.080	U	5.420	U	NS	
	28-Oct-11	NS		6.200	U	NS		NS		6.200	U	NS		6.200	U	6.200	U	6.200	U	NS		6.200	U
	23-Jan-12	1.200	U	NS		1.200	U	1.200	U	NS		1.200	U	NS		NS		1.200	U	1.200	U	NS	
	13-Apr-12	NS		1.200	U	NS		NS		1.200	U	NS		1.200	U	1.200	U	1.200		NS		1.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.200	U	NS	
	23-Jun-12	1.200	U	NS		1.200	U	1.200	U	NS		1.200	U	NS		NS		1.200	U	1.200	U	NS	
	1-Nov-12	NS		0.250	U	NS		NS		0.250	U	NS		0.250	U	0.250	U	0.250	U	NS		0.250	U
	1-Feb-13	0.250	U	NS		0.250	U	0.250	U	NS		0.250	U	NS		NS		0.250	U	0.250	U	NS	
Benzene	8-Feb-08	0.920		NS		NS		NS		0.980		NS		NS		NS		0.540		0.850		NS	
	27-Mar-08	NS		0.540		NS		NS		NS		0.462		NS		NS		NS		0.788		0.635	
	25-Apr-08	NS		NS		0.584		NS		NS		NS		0.745		NS		0.428		NS		0.536	
	29-May-08	NS		NS		NS		0.730		NS		NS		NS		1.030		1.120		0.610		NS	
	27-Jun-08	0.626		NS		NS		NS		0.468		NS		NS		NS		NS		0.499		0.399	
	31-Jul-08	NS		0.418		NS		NS		NS		NS		NS		NS		0.358		NS		0.265	
	28-Aug-08	NS		NS		1.020		NS		NS		NS		0.537		NS		0.815		0.692		NS	
	30-Sep-08	NS		NS		NS		1.600	U	NS		NS		NS		1.600	U	NS		1.600	U	1.600	U
	27-Oct-08	1.600	U	NS		NS		NS		1.600	U	NS		NS		NS		1.600	U	NS		1.600	U
	25-Nov-08	NS		1.600	U	NS		NS		NS		1.600	U	NS		NS		1.600	U	1.600	U	NS	
	18-Dec-08	NS		NS		1.600	U	NS		NS		NS		1.600	U	NS		NS		1.600	U	1.600	U
	21-Jan-09	NS		NS		NS		1.600	U	NS		NS		NS		1.600	U	1.600	U	NS		1.600	U
	25-Feb-09	1.600	U	NS		NS		NS		1.600	U	NS		NS		NS		1.600	U	1.600	U	NS	
	26-Mar-09	NS		2.100		NS		NS		NS		2.230	U	NS		NS		NS		0.945		1.480	
	29-Apr-09	NS		NS		0.603		NS		NS		NS		0.246		NS		0.223	U	NS		0.367	
	22-Jul-09	1.120	U	NS		56.000		2.230	U	NS		1.450		NS		NS		4.270		0.629		NS	
	9-Oct-09	NS		1.150		NS		NS		0.974		NS		0.431		46.600	U	0.619		NS		0.824	
	15-Jan-10	0.763		NS		0.887		0.980		NS		1.260		NS		NS		0.964		0.964		NS	
	21-Apr-10	NS		0.373		NS		NS		0.160	U	NS		1.600	U	1.610		0.635		NS		1.260	
	16-Jul-10	0.332		NS		1.530		0.689		NS		2.410	U	NS		NS		0.319	U	0.319	U	NS	
	15-Oct-10	NS		0.319	U	NS		NS		0.319	U	NS		0.319	U	0.319	U	0.319	U	NS		0.319	U
	26-Jan-11	3.190	U	2.490		NS		2.460		NS		1.600	U	NS		1.850		1.800		1.900		NS	
	28-Feb-11	NS		NS		3.190	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.319	U	NS		NS		0.319	U	NS		0.319	U	0.354		0.319	U	NS		0.319	
	26-Jul-11	1.060	U	NS		1.060	U	0.434		NS		1.600	U	NS		NS		0.319	U	1.600	U	NS	
	28-Oct-11	NS		1.600	U	NS		NS		1.600	U	NS		1.600	U	1.600	U	1.600	U	NS		1.600	U
	23-Jan-12	0.840		NS		1.200		0.980		NS		0.810		NS		NS		1.400		1.500		NS	
	13-Apr-12	NS		0.320	U	NS		NS		0.320	U	NS		0.320	U	0.320	U	0.320	U	NS		0.320	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.600	U	NS	
	23-Jun-12	0.450		NS		0.610		0.880		NS		0.430		NS		NS		0.420		0.400		NS	
	1-Nov-12	NS		0.450		NS		NS		0.430		NS		0.490		0.560		0.610		NS		1.000	
	1-Feb-13	0.330		NS		0.450		0.470		NS		0.350		NS		NS		0.450		0.460		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Bromodichloromethane	8-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	0.209	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		0.520		NS		NS		NS		0.130	U	NS		0.230		0.130	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
	15-Jan-10	0.134	U	NS		0.134	U	0.134	U	NS		0.134	U	NS		NS		0.134	U	0.134	U	NS	
	21-Apr-10	NS		0.134	U	NS		NS		0.670	U	NS		0.670	U	0.670	U	0.134	U	NS		0.134	U
	16-Jul-10	0.134	U	NS		0.134	U	0.134	U	NS		1.010	U	NS		NS		0.134		0.134	U	NS	
	15-Oct-10	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
	26-Jan-11	1.340	U	0.134	U	NS		0.134	U	NS		0.670	U	NS		0.670	U	0.670	U	0.670	U	NS	
	28-Feb-11	NS		NS		1.340	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
	26-Jul-11	0.447	U	NS		0.447	U	0.134	U	NS		0.670	U	NS		NS		0.134	U	0.670	U	NS	
	28-Oct-11	NS		3.400	U	NS		NS		3.400	U	NS		3.400	U	3.400	U	3.400	U	NS		3.400	U
	23-Jan-12	0.670	U	NS		0.670	U	0.670	U	NS		0.670	U	NS		NS		0.670	U	0.670	U	NS	
	13-Apr-12	NS		0.340	U	NS		NS		0.340	U	NS		0.340	U	0.340	U	0.340	U	NS		0.340	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.700	U	NS	
	23-Jun-12	0.670	U	NS		0.670	U	0.670	U	NS		0.670	U	NS		NS		0.670	U	0.670	U	NS	
	1-Nov-12	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	1-Feb-13	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
Bromoform	8-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		0.206	U	NS		NS		NS		0.206	U	NS		NS		NS		0.206	U	0.206	U
	25-Apr-08	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	NS		0.206	U
	29-May-08	NS		NS		NS		0.210	U	NS		NS		NS		0.210	U	0.210	U	NS		NS	
	27-Jun-08	0.322	U	NS		NS		NS		0.206	U	NS		NS		NS		NS		0.206	U	0.206	U
	31-Jul-08	NS		0.206	U	NS		NS		NS		NS		NS		NS		0.206	U	NS		0.206	U
	28-Aug-08	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	0.206	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		NS		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		2.060	U	NS		NS		NS		0.206	U	0.206	U
	29-Apr-09	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	NS		0.206	U
	22-Jul-09	1.030	U	NS		42.000	U	2.060	U	NS		1.030	U	NS		NS		0.206	U	0.206	U	NS	
	9-Oct-09	NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	43.100	U	0.206	U	NS		0.206	U
	15-Jan-10	0.206	U	NS		0.206	U	0.206	U	NS		0.206		NS		NS		0.206	U	0.206	U	NS	
	21-Apr-10	NS		0.206	U	NS		NS		1.030	U	NS		1.030	U	1.030	U	0.206	U	NS		0.206	U
	16-Jul-10	0.206	U	NS		0.206	U	0.206	U	NS		1.560	U	NS		NS		0.206	U	0.206	U	NS	
	15-Oct-10	NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	0.206	U	0.206	U	NS		0.206	U
	26-Jan-11	2.060	U	0.206	U	NS		0.206	U	NS		1.030	U	NS		1.030	U	1.030	U	1.030	U	NS	
	28-Feb-11	NS		NS		2.060	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	0.206	U	0.206	U	NS		0.206	U
	26-Jul-11	0.690	U	NS		0.690	U	0.207	U	NS		1.030	U	NS		NS		0.207	U	1.030	U	NS	
	28-Oct-11	NS		5.200	U	NS		NS		5.200	U	NS		5.200	U	5.200	U	5.200	U	NS		5.200	U
	23-Jan-12	1.000	U	NS		1.000	U	1.000	U	NS		1.000	U	NS		NS		1.000	U	1.000	U	NS	
	13-Apr-12	NS		1.000	U	NS		NS		1.000	U	NS		1.000	U	1.000	U	1.000	U	NS		1.000	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		5.200	U	NS	
	23-Jun-12	1.000	U	NS		1.000	U	1.000	U	NS		1.000	U	NS		NS		1.000	U	1.000	U	NS	
	1-Nov-12	NS		0.210	U	NS		NS		0.210	U	NS		0.210	U	0.210	U	0.210	U	NS		0.210	U
	1-Feb-13	0.210	U	NS		0.210	U	0.210	U	NS		0.210	U	NS		NS		0.210	U	0.210	U	NS	
2-Butanone	8-Feb-08	126.000		NS		NS		NS		1.470	U	NS		NS		NS		3.080		10.600		NS	
	27-Mar-08	NS		226.000		NS		NS		NS		NS		NS		NS		NS		11.900		3.900	
	25-Apr-08	NS		NS		477.000		NS		NS		NS		1680.000		NS		2.240		NS		1.470	U
	29-May-08	NS		NS		NS		527.000		NS		NS		NS		591.000		2.270		3.040		NS	
	27-Jun-08	1080.000		NS		NS		NS		596.000		NS		NS		NS		NS		6.920		3.640	
	31-Jul-08	NS		1350.000		NS		NS		NS				NS		NS		12.000		NS		2.560	
	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		259.000		NS		NS		1.800		2.400		NS	
	18-Dec-08	NS		NS		5630.000		NS		NS		NS		8.300		NS		NS		2.600		3.300	
	21-Jan-09	NS		NS		NS		209.000		NS		NS		NS		24.000		1.500	U	NS		1.500	U
	25-Feb-09	30.000		NS		NS		NS		198.000		NS		NS		NS		1.500	U	1.500	U	NS	
	26-Mar-09	NS		926.000		NS		NS		NS		29.100		NS		NS		NS		2.660		3.020	
	29-Apr-09	NS		NS		12400.000		NS		NS		NS		38.100		NS		1.470	U	NS		3.060	
	22-Jul-09	433.000		NS		433.000		410.000		NS		151.000		NS		NS		21.600		2.800		NS	
	9-Oct-09	NS		289.000		NS		NS		1.470	U	NS		19.100		22700.000		2.750		NS		12.600	
	15-Jan-10	29.800		NS		826.000		64.100		NS		38.400		NS		NS		2.640		1.600		NS	
	21-Apr-10	NS		6.440		NS		NS		7.370	U	NS		34.600		1840.000		16.800		NS		14.500	
	16-Jul-10	5320.000		NS		21000.000		441.000		NS		10400.000		NS		NS		1.540		2.800		NS	
	15-Oct-10	NS		117.000		NS		NS		44.900		NS		2.850		18.200		1.470	U	NS		1.920	
	26-Jan-11	940.000		22.300		NS		16.500		NS		7.370	U	NS		50.400		7.370	U	7.370	U	NS	
	28-Feb-11	NS		NS		625.000		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		6.870		NS		NS		171.000		NS		11.300		15.300		5.380		NS		10.400	
	26-Jul-11	690.000	E	NS		82.900		93.200		NS		11000		NS		NS		2.070		7.370	U	NS	
	28-Oct-11	NS		59.000	U	NS		NS		59.000	U	NS		59.000	U	59.000	U	59.000	U	NS		59.000	U
	23-Jan-12	110.000		NS		70.000		12.000	U	NS		20		NS		NS		12.000	U	12.000	U	NS	
	13-Apr-12	NS		16.000		NS		NS		74.000		NS		12.000	U	12.000	U	12.000	U	NS		12.000	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		59.000	U	NS	
	23-Jun-12	75.000		NS		92.000		3700.000		NS		1900.000		NS		NS		12.000	U	12.000	U	NS	
	1-Nov-12	NS		24.000		NS		NS		44.000		NS		3.600		12.000		3.700		NS		4.200	
	1-Feb-13	36.000		NS		4.900		16.000		NS		20.000		NS		NS		2.400		2.400	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
n-Butylbenzene	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	NS		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
	15-Jan-10	2.740	U	NS		2.740	U	2.740	U	NS		2.740	U	NS		NS		2.740	U	2.740	U	NS	
	21-Apr-10	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	2.740	U	NS		2.740	U
	16-Jul-10	2.740	U	NS		2.740	U	2.740	U	NS		20.700	U	2.740	U	NS		2.740	U	2.740	U	NS	
	15-Oct-10	NS		2.740	U	NS		NS		2.740	U	NS		2.740		2.740	U	2.740	U	NS		2.740	U
	26-Jan-11	27.400	U	2.740	U	NS		2.740	U	NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	NS	
	28-Feb-11	NS		NS		27.400	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	2.740	U	2.740	U	NS		2.470	U
	26-Jul-11	9.170	U	NS		9.170	U	2.740	U	NS		13.700	U	NS		NS		2.740	U	13.700	U	NS	
	28-Oct-11	NS		6.300	U	NS		NS		6.300	U	NS		6.300	U	6.300	U	6.300	U	NS		6.300	U
	23-Jan-12	1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	NS		NS		1.300	U	1.300	U	NS	
	13-Apr-12	NS		1.300	U	NS		NS		1.300	U	NS		1.300	U	1.300	U	1.300	U	NS		1.300	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.300	U	NS	
	23-Jun-12	1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	NS		NS		1.300	U	1.300	U	NS	
	1-Nov-12	NS		0.250	U	NS		NS		0.250	U	NS		0.250	U	0.250	U	0.250	U	NS		0.250	U
	1-Feb-13	0.250	U	NS		0.250	U	0.250	U	NS		0.250	U	NS		NS		0.250	U	0.250	U	NS	
sec-Butylbenzene	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		5.500	U	NS		5.500	U	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		NS		2.740	U	2.740	U	NS	
	9-Oct-09	NS		2.740	U	NS		NS		2.740		NS		2.740	U	573.000	U	2.740	U	NS		2.740	U
	15-Jan-10	2.740	U	NS		2.740	U	2.740	U	NS		2.740	U	NS		NS		2.740	U	2.740	U	NS	
	21-Apr-10	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	2.740	U	NS		2.740	U
	16-Jul-10	2.740	U	NS		2,74	U	2.740	U	NS		20.700	U	2.740	U	NS		2.740	U	2.740	U	NS	
	15-Oct-10	NS		2.740	U	NS		NS		2.740	U	NS		2.740		2.740	U	2.740	U	NS		2.740	U
	26-Jan-11	27.400	U	2.740	U	NS		2.740	U	NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	NS	
	28-Feb-11	NS		NS		27.400	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	2.740	U	2.740	U	NS		2.470	U
	26-Jul-11	9.170	U	NS		9.170	U	2.740	U	NS		13.700	U	NS		NS		2.740	U	13.700	U	NS	
	28-Oct-11	NS		6.300	U	NS		NS		6.300	U	NS		6.300	U	6.300	U	6.300	U	NS		6.300	U
	23-Jan-12	1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	NS		NS		1.300	U	1.300	U	NS	
	13-Apr-12	NS		1.300	U	NS		NS		1.300	U	NS		1.300	U	1.300	U	1.300	U	NS		1.300	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.300	U	NS	
	23-Jun-12	1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	NS		NS		1.300	U	1.300	U	NS	
	1-Nov-12	NS		0.250	U	NS		NS		0.250	U	NS		0.250	U	0.250	U	0.250	U	NS		0.250	U
	1-Feb-13	0.250	U	NS		0.250	U	0.250	U	NS		0.250	U	NS		NS		0.250	U	0.250	U	NS	
Carbon tetrachloride	8-Feb-08	0.440		NS		NS		NS		0.460		NS		NS		NS		0.530		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		0.448		NS		0.459		NS		0.448	
	29-May-08	NS		NS		NS		0.460		NS		NS		NS		0.460		0.470		0.460		NS	
	27-Jun-08	0.478		NS		NS		NS		0.506		NS		NS		NS		NS		0.533		0.553	
	31-Jul-08	NS		0.576		NS		NS		NS		NS		NS		NS		0.548		NS		0.495	
	28-Aug-08	NS		NS		0.515		NS		NS		NS		0.549		NS		0.567		0.563		NS	
	30-Sep-08	NS		NS		NS		0.511		NS		NS		NS		0.577		NS		0.451		0.469	
	27-Oct-08	0.480		NS		NS		NS		0.360		NS		NS		NS		0.410		NS		0.560	
	25-Nov-08	NS		0.500		NS		NS		NS		0.420		NS		NS		0.300		0.440		NS	
	18-Dec-08	NS		NS		0.230		NS		NS		NS		0.280		NS		NS		0.480		0.460	
	21-Jan-09	NS		NS		NS		0.360		NS		NS		NS		0.470		0.270		NS		0.670	
	25-Feb-09	0.390		NS		NS		NS		0.360		NS		NS		NS		0.370		0.360		NS	
	26-Mar-09	NS		0.629	U	NS		NS		NS		1.260	U	NS		NS		NS		0.601		0.565	
	29-Apr-09	NS		NS		0.484		NS		NS		NS		0.528		NS		0.522		NS		0.654	
	22-Jul-09	0.629	U	NS		25.600	U	1.260	U	NS		0.629	U	NS		NS		0.515		0.503		NS	
	9-Oct-09	NS		0.691		NS		NS		0.666		NS		0.465		26.200	U	0.710		NS		0.691	
	15-Jan-10	0.427		NS		0.647		0.509		NS		0.541		NS		NS		0.541		0.528		NS	
	21-Apr-10	NS		0.126		NS		NS		0.629	U	NS		0.629	U	0.629	U	0.610		NS		0.503	
	16-Jul-10	0.459		NS		0.478		0.515		NS		0.950	U	NS		NS		0.559		0.509		NS	
	15-Oct-10	NS		0.509		NS		NS		0.434		NS		0.383		0.402		0.421		NS		0.440	
	26-Jan-11	1.260	U	0.415		NS		0.415		NS		0.629	U	NS		0.629	U	0.629	U	0.629	U	NS	
	28-Feb-11	NS		NS		1.260	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.339		NS		NS		0.339		NS		0.330		0.364		0.339		NS		0.327	
	26-Jul-11	0.440		NS		0.420	U	0.409		NS		0.629	U	NS		NS		0.402		0.629	U	NS	
	28-Oct-11	NS		3.100	U	NS		NS		3.100	U	NS		3.100	U	3.100	U	3.100	U	NS		3.100	U
	23-Jan-12	0.630	U	NS		0.630	U	0.630	U	NS		0.630	U	NS		NS		0.630	U	0.630	U	NS	
	13-Apr-12	NS		0.310	U	NS		NS		0.310	U	NS		0.310	U	0.310	U	0.310	U	NS		0.310	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.600	U	NS	
	23-Jun-12	0.630	U	NS		0.630	U	0.630	U	NS		0.630	U	NS		NS		0.630	U	0.630	U	NS	
	1-Nov-12	NS		0.480		NS		NS		0.460		NS		0.460		0.450		0.470		NS		0.430	
	1-Feb-13	0.440		NS		0.430		0.390		NS		0.420		NS		NS		0.490		0.500		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Chlorobenzene	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		0.052	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		0.090	U	NS		NS		NS		0.090	U	0.090	U	0.090	U	NS	
	27-Jun-08	0.207		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	0.092	U	NS	
	30-Sep-08	NS		NS		NS		2.300	U	NS		NS		NS		2.300	U	NS		2.300	U	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	2.300	U	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		0.460	U	NS		NS		NS		0.920	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-09	0.460	U	NS		18.800	U	0.920	U	NS		0.460	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	19.200	U	0.092	U	NS		0.092	U
	15-Jan-10	0.092	U	NS		0.092	U	0.092	U	NS		0.092		NS		NS		0.092	U	0.092	U	NS	
	21-Apr-10	NS		0.092	U	NS		NS		0.460	U	NS		0.460	U	0.460	U	0.092	U	NS		0.092	U
	16-Jul-10	0.092	U	NS		0.092	U	0.212		NS		0.695	U	NS		NS		0.092	U	0.092	U	NS	
	15-Oct-10	NS		0.092	U	NS		NS		0.129		NS		0.106		0.101		0.092	U	NS		0.101	
	26-Jan-11	0.920	U	0.092	U	NS		0.092	U	NS		0.460	U	NS		0.460	U	0.460	U	0.460	U	NS	
	28-Feb-11	NS		NS		0.920	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	26-Jul-11	0.307	U	NS		0.307	U	0.092	U	NS		0.460	U	NS		NS		0.092	U	0.460	U	NS	
	28-Oct-11	NS		2.300	U	NS		NS		2.300	U	NS		2.300	U	2.300	U	2.300	U	NS		2.300	U
	23-Jan-12	0.460	U	NS		0.460	U	0.460	U	NS		0.460	U	NS		NS		0.460	U	12.000		NS	
	13-Apr-12	NS		0.460	U	NS		NS		0.460	U	NS		0.460	U	0.460	U	0.460	U	NS		0.460	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.300	U	NS	
	23-Jun-12	0.460	U	NS		0.460	U	0.460	U	NS		0.460	U	NS		NS		0.460	U	0.460	U	NS	
	1-Nov-12	NS		0.092	U	NS		NS		0.092	U	NS		0.160		0.092	U	0.092	U	NS		0.092	U
	1-Feb-13	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
Chloroethane	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		0.139		NS		0.053	U	NS		0.053	U
	29-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		0.053	U	NS		0.053	U
	28-Aug-08	NS		NS		0.053	U	NS		NS		NS		0.153		NS		0.053	U	0.075		NS	
	30-Sep-08	NS		NS		NS		1.300	U	NS		NS		NS		1.300	U	NS		1.300	U	1.300	U
	27-Oct-08	1.300	U	NS		NS		NS		1.300	U	NS		NS		NS		1.300	U	NS		1.600	
	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		1.300	U	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		0.063	
	29-Apr-09	NS		NS		0.137		NS		NS		NS		0.063		NS		0.053	U	NS		0.053	U
	22-Jul-09	0.264	U	NS		10.800	U	0.527	U	NS		0.277		NS		NS		0.053	U	0.061		NS	
	9-Oct-09	NS		0.053	U	NS		NS		0.058		NS		0.406		11.000	U	0.053	U	NS		0.053	U
	15-Jan-10	0.053	U	NS		0.074		0.066		NS		0.053		NS		NS		0.053	U	0.053		NS	
	21-Apr-10	NS		0.074		NS		NS		0.264		NS		0.303		0.303		0.053	U	NS		0.116	
	16-Jul-10	0.100		NS		2.550		0.166		NS		0.398	U	NS		NS		0.053		0.087		NS	
	15-Oct-10	NS		0.053	U	NS		NS		0.082		NS		0.071		0.053	U	0.053	U	NS		0.053	U
	26-Jan-11	0.527	U	0.053	U	NS		0.077		NS		0.264	U	NS		0.264	U	0.264	U	0.264	U	NS	
	28-Feb-11	NS		NS		,527	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.053	U	NS		NS		0.079		NS`		0.082		0.053	U	0.053	U	NS		0.053	U
	26-Jul-11	0.176	U	NS		0.176	U	0.116		NS		0.264	U	NS		NS		0.053	U	0.264		NS	
	28-Oct-11	NS		1.300	U	NS		NS		1.300	U	NS		1.300	U	1.300	U	1.300	U	NS		1.300	U
	23-Jan-12	0.260	U	NS		0.260	U	0.260	U	NS		0.260	U	NS		NS		0.260	U	0.260	U	NS	
	13-Apr-12	NS		0.260	U	NS		NS		0.260	U	NS		0.260	U	0.260	U	0.260	U	NS		0.260	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.300	U	NS	
	23-Jun-12	0.260	U	NS		0.260	U	0.260	U	NS		0.260	U	NS		NS		0.260	U	0.260	U	NS	
	1-Nov-12	NS		0.053	U	NS		NS		0.085		NS		0.080		0.053	U	0.053	U	NS		0.087	
	1-Feb-13	0.082		NS		0.053	U	0.110		NS		0.053	U	NS		NS		0.053	U	0.053	U	NS	
Chloroform	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		0.203		NS		0.134		NS		0.265	
	29-May-08	NS		NS		NS		0.140		NS		NS		NS		0.100	U	0.110		0.140		NS	
	27-Jun-08	0.263		NS		NS		NS		0.623		NS		NS		NS		NS		0.305		0.395	
	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		1.200		NS		0.331		0.386		NS	
	30-Sep-08	NS		NS		NS		0.490	U	NS		NS		NS		0.490	U	NS		0.490	U	0.490	U
	27-Oct-08	0.490	U	NS		NS		NS		0.490	U	NS		NS		NS		0.490	U	NS		0.490	U
	25-Nov-08	NS		0.240	U	NS		NS		NS		0.240	U	NS		NS		0.240	U	0.240	U	NS	
	18-Dec-08	NS		NS		0.240	U	NS		NS		NS		0.240	U	NS		NS		0.240	U	0.240	U
	21-Jan-09	NS		NS		NS		0.240	U	NS		NS		NS		0.240	U	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		0.488	U	NS		NS		NS		1.290		NS		NS		NS		0.265		0.200	
	29-Apr-09	NS		NS		0.098	U	NS		NS		NS		0.136		NS		0.098	U	NS		1.340	
	22-Jul-09	0.488	U	NS		19.900	U	0.976	U	NS		0.488	U	NS		NS		0.429		0.220		NS	
	9-Oct-09	NS		0.205		NS		NS		0.263		NS		0.268		20.400	U	0.317		NS		0.312	
	15-Jan-10	0.176		NS		7.220		0.146		NS		0.190		NS		NS		0.098	U	0.185		NS	
	21-Apr-10	NS		0.098	U	NS		NS		0.488	U	NS		0.488	U	0.488	U	0.220		NS		0.200	
	16-Jul-10	0.361		NS		0.098	U	0.215		NS		0.737	U	NS		NS		0.205	U	0.346		NS	
	15-Oct-10	NS		0.171		NS		NS		0.366		NS		0.654		0.117		0.102		NS		0.166	
	26-Jan-11	2.780		0.122		NS		0.161		NS		0.488	U	NS		0.488	U	0.488	U	0.488	U	NS	
	28-Feb-11	NS		NS		0.976	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.136		NS		NS		0.185		NS		0.117		0.273		0.098	U	NS		0.122	
	26-Jul-11	0.326	U	NS		0.326	U	0.239		NS		1.370		NS		NS		0.244		0.488	U	NS	
	28-Oct-11	NS		2.400	U	NS		NS		2.400	U	NS		2.400	U	2.400	U	2.400	U	NS		2.400	U
	23-Jan-12	0.490	U	NS		0.840		0.490	U	NS		0.490	U	NS		NS		0.490	U	0.840		NS	
	13-Apr-12	NS		0.240	U	NS		NS		0.240	U	NS		0.240	U	0.240	U	0.240	U	NS		0.240	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.200	U	NS	
	23-Jun-12	0.490	U	NS		0.490	U	0.490	U	NS		0.490	U	NS		NS		0.490	U	0.580		NS	
	1-Nov-12	NS		0.088		NS		NS		0.280		NS		0.120		0.076		0.092		NS		0.170	
	1-Feb-13	0.140		NS		0.460		0.150		NS		0.190		NS		NS		0.110		0.180		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Chloromethane	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		2.670		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		4.640		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		3.100		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		19.400		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	6.290		NS	
	9-Oct-09	NS		2.440	U	NS		NS		2.440	U	NS		2.440	U	509.000	U	2.440	U	NS		2.440	U
	15-Jan-10	2.440	U	NS		2.780		2.440	U	NS		2.440		NS		NS		2.440	U	2.440		NS	
	21-Apr-10	NS		3.250		NS		NS		12.200	U	NS		12.200	U	12.200	U	2.440	U	NS		2.440	U
	16-Jul-10	1.320		NS		62.800		1.480		NS		7.790	U	NS		NS		1.030	U	1.030	U	NS	
	15-Oct-10	NS		1.030	U	NS		NS		1.030	U	NS		1.030	U	1.030	U	1.030	U	NS		1.030	U
	26-Jan-11	10.300	U	1.030	U	NS		1.030	U	NS		5.160	U	NS		5.160	U	5.160	U	5.160	U	NS	
	28-Feb-11	NS		NS		10.300	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.230		NS		NS		1.030	U	NS		1.030	U	1.180		1.030	U	NS		1.290	
	26-Jul-11	3.450	U	NS		3.450	U	1.030	U	NS		5.160	U	NS		NS		1.030	U	5.160	U	NS	
	28-Oct-11	NS		1.000	U	NS		NS		1.000	U	NS		1.000	U	1.000	U	1.000		NS		1.200	
	23-Jan-12	0.210	U	NS		0.210	U	0.210	U	NS		0.210	U	NS		NS		1.200		0.210	U	NS	
	13-Apr-12	NS		0.210	U	NS		NS		0.210	U	NS		0.210	U	0.210	U	1.200		NS		0.970	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.100		NS	
	23-Jun-12	0.210	U	NS		0.210	U	0.210	U	NS		2.100		NS		NS		0.210	U	0.210	U	NS	
	1-Nov-12	NS		0.041	U	NS		NS		0.041	U	NS		0.041	U	0.041	U	0.370		NS		1.100	
	1-Feb-13	0.500		NS		1.800		2.100		NS		0.190		NS		NS		0.710		0.720		NS	
Dibromochloromethane	8-Feb-08	0.100	U	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	0.100	U	NS	
	27-Mar-08	NS		0.096	U	NS		NS		NS		0.096	U	NS		NS		NS		0.096	U	0.096	U
	25-Apr-08	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	NS		0.096	U
	29-May-08	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	0.100	U	0.100	U	NS	
	27-Jun-08	0.150	U	NS		NS		NS		0.096	U	NS		NS		NS		NS		0.096	U	0.096	U
	31-Jul-08	NS		0.096	U	NS		NS		NS		NS		NS		NS		0.096	U	NS		0.096	U
	28-Aug-08	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	0.096	U	NS	
	30-Sep-08	NS		NS		NS		4.200	U	NS		NS		NS		4.200	U	NS		4.200	U	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	4.200	U	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		0.480	U	NS		NS		NS		0.960		NS		NS		NS		0.096	U	0.096	U
	29-Apr-09	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	NS		0.096	U
	22-Jul-09	0.480	U	NS		19.600	U	0.960	U	NS		0.480	U	NS		NS		0.096	U	0.096	U	NS	
	9-Oct-09	NS		0.096	U	NS		NS		NS	U	NS		0.096	U	20.000	U	0.096	U	NS		0.096	U
	15-Jan-10	0.096	U	NS		0.096	U	0.096	U	NS		0.096	U	NS		NS		0.096	U	0.096	U	NS	
	21-Apr-10	NS		0.096	U	NS		NS		0.480	U	NS		0.480	U	0.480	U	0.096	U	NS		0.096	U
	16-Jul-10	0.170	U	NS		0.170	U	0.170	U	NS		1.280	U	NS		NS		0.170	U	0.170	U	NS	
	15-Oct-10	NS		0.170	U	NS		NS		0.170	U	NS		0.170	U	0.170	U	0.170	U	NS		0.170	U
	26-Jan-11	1.700	U	0.170	U	NS		0.170	U	NS		0.851	U	NS		0.851	U	0.851	U	0.851	U	NS	
	28-Feb-11	NS		NS		1.700	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.170	U	NS		NS		0.170	U	NS		0.170	U	0.170	U	0.170	U	NS		0.170	U
	26-Jul-11	0.568	U	NS		0.568	U	0.170	U	NS		0.852	U	NS		NS		0.170	U	0.852	U	NS	
	28-Oct-11	NS		4.300	U	NS		NS		4.300	U	NS		4.300	U	4.300	U	4.300	U	NS		4.300	U
	23-Jan-12	0.850	U	NS		0.850	U	0.850	U	NS		0.850	U	NS		NS		0.850	U	0.850	U	NS	
	13-Apr-12	NS		0.850	U	NS		NS		0.850	U	NS		0.850	U	0.850	U	0.850	U	NS		0.850	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.100	U	NS	
	23-Jun-12	0.850	U	NS		0.850	U	0.850	U	NS		0.850	U	NS		NS		0.850	U	0.850	U	NS	
	1-Nov-12	NS		0.085	U	NS		NS		0.085	U	NS		0.085	U	0.085	U	0.085	U	NS		0.085	U
	1-Feb-13	0.170	U	NS		0.170	U	0.170	U	NS		0.170	U	NS		NS		0.170	U	0.170	U	NS	
1,2-Dibromoethane	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		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	0.239	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		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		NS		0.150	U	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		0.150	U
	25-Nov-08	NS		0.150	U	NS		NS		NS		0.150	U	NS		NS		NS	U	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-09	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		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	32.000	U	0.154	U	NS		0.154	U
	15-Jan-10	0.154	U	NS		0.154	U	0.154	U	NS		0.154	U	NS		NS		0.154	U	0.154	U	NS	
	21-Apr-10	NS		0.154	U	NS		NS		0.768	U	NS		0.768	U	0.768	U	0.154	U	NS		0.154	U
	16-Jul-10	0.154	U	NS		0.154	U	0.154	U	NS		1.160	U	NS		NS		0.154	U	0.154	U	NS	
	15-Oct-10	NS		0.154	U	NS		NS		0.154	U	NS		0.154	U8	0.154	U	0.154	U	NS		0.154	U
	26-Jan-11	1.540	U	0.154	U	NS		0.154	U	NS		0.768	U	NS		0.768	U	0.768	U	0.768	U	NS	
	28-Feb-11	NS		NS		1.540	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.154	U	NS		NS		0.154	U	NS		0.154	U	0.154	U	0.154	U	NS		0.154	U
	26-Jul-11	0.512	U	NS		0.512	U	0.154	U	NS		0.768	U	NS		NS		0.154	U	0.768	U	NS	
	28-Oct-11	NS		3.800	U	NS		NS		3.800	U	NS		3.800	U	3.800	U	3.800	U	NS		3.800	U
	23-Jan-12	0.770	U	NS		0.770	U	0.770	U	NS		0.770	U	NS		NS		0.770	U	0.770	U	NS	
	13-Apr-12	NS		0.380	U	NS		NS		0.380	U	NS		0.380	U	0.380	U	0.380	U	NS		0.380	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.900	U	NS	
	23-Jun-12	0.770	U	NS		0.770	U	0.770	U	NS		0.770	U	NS		NS		0.770	U	0.770	U	NS	
	1-Nov-12	NS		0.077	U	NS		NS		0.077	U	NS		0.077	U	0.077	U	0.077	U	NS		0.077	U
	1-Feb-13	0.077	U	NS		0.077	U	0.077	U	NS		0.077	U	NS		NS		0.077	U	0.077	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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-Dichlorobenzene	8-Feb-08	0.120	U	NS		NS		NS		0.120	U	NS		NS		NS		0.120	U	0.550		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		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-09	NS		0.601	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	0.601	U	NS		24.000	U	1.200	U	NS		0.601	U	NS		NS		0.120	U	NS		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
	15-Jan-10	0.120	U	NS		0.120	U	0.120	U	NS		0.120	U	NS		NS		0.120	U	0.120	U	NS	
	21-Apr-10	NS		0.120	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	0.120	U	NS		0.120	U
	16-Jul-10	0.120	U	NS		NS		NS		NS		0.120	U	NS		NS		0.120	U	0.120	U	NS	
	15-Oct-10	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	0.120	U	0.120	U	NS		0.120	U
	26-Jan-11	1.200	U	0.120	U	NS		0.120	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	NS		NS		1.200	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.120	U	NS		NS		0.420		NS		0.156		0.120	U	0.120	U	NS		0.120	U
	26-Jul-11	0.401	U	NS		0.401	U	0.120	U	NS		0.601	U	NS		NS		0.120	U	0.601	U	NS	
	28-Oct-11	NS		3.000	U	NS		NS		3.000	U	NS		3.000	U	3.000	U	3.000	U	NS		3.000	U
	23-Jan-12	1.600		NS		1.800		2.300		NS		1.600		NS		NS		1.900		2.700		NS	
	13-Apr-12	NS		0.600	U	NS		NS		0.600	U	NS		0.600	U	2.000		0.600	U	NS		0.600	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		3.000	U	NS	
	23-Jun-12	0.600	U	NS		0.600	U	0.600	U	NS		0.600	U	NS		NS		0.600	U	0.600	U	NS	
	1-Nov-12	NS		1.200		NS		NS		2.600		NS		6.000		2.200		0.180		NS		0.120	U
	1-Feb-13	0.180		NS		0.340		0.560		NS		0.440		NS		NS		0.170		0.120	U	NS	
1,3-Dichlorobenzene	8-Feb-08	0.120	U	NS		NS		NS		0.120	U	NS		NS		NS		0.120	U	0.120	U	NS	
	27-Mar-08	NS		0.120	U	NS		0.600		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		0.120	U
	29-May-08	NS		NS		NS		1.180		NS		NS		NS		3.470		0.620		0.220		NS	
	27-Jun-08	0.187	U	NS		NS		NS		0.257		NS		NS		NS		NS		0.120	U	0.120	U
	31-Jul-08	NS		0.822		NS		NS		NS		NS		NS		NS		0.136		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-09	NS		0.601	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	0.601	U	NS		24.500	U	1.200	U	NS		0.601	U	NS		NS		0.120	U	0.360		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
	15-Jan-10	0.120		NS		0.120	U	0.120	U	NS		0.120	U	NS		NS		0.120	U	0.120	U	NS	
	21-Apr-10	NS		0.120	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	0.120	U	NS		0.120	U
	16-Jul-10	0.595		NS		0.685		1.990		NS		0.907	U	NS		NS		0.132		0.162		NS	
	15-Oct-10	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	0.120	U	0.120	U	NS		0.120	U
	26-Jan-11	1.200	U	0.120	U	NS		0.120	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	NS		NS		1.200	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.120	U	NS		NS		0.420		NS		0.156		0.120	U	0.120	U	NS		0.120	U
	26-Jul-11	0.401	U	NS		0.401	U	0.120	U	NS		0.601	U	NS		NS		0.120	U	0.601	U	NS	
	28-Oct-11	NS		3.000	U	NS		NS		3.000	U	NS		3.000	U	3.000	U	3.000	U	NS		3.000	U
	23-Jan-12	1.600		NS		1.800		2.300		NS		1.600		NS		NS		1.900		2.700		NS	
	13-Apr-12	NS		0.600	U	NS		NS		0.600	U	NS		0.600	U	2.000		0.600	U	NS		0.600	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		3.000	U	NS	
	23-Jun-12	0.600	U	NS		0.600	U	0.600	U	NS		0.600	U	NS		NS		0.600	U	0.600	U	NS	
	1-Nov-12	NS		1.200		NS		NS		2.600		NS		6.000		2.200		0.180		NS		0.120	U
	1-Feb-13	0.180		NS		0.340		0.560		NS		0.440		NS		NS		0.170		0.120	U	NS	
1,4-Dichlorobenzene	8-Feb-08	1.560		NS		NS		NS		0.260		NS		NS		NS		9.500		7.910		NS	
	27-Mar-08	NS		4.330		NS		NS		NS		8.480		NS		NS		NS		6.280		15.100	
	25-Apr-08	NS		NS		0.347		NS		NS		NS		32.300		NS		17.900		NS		16.300	
	29-May-08	NS		NS		NS		5.500		NS		NS		NS		10.000		9.410		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		2.460		NS		NS		NS		NS		NS		NS		1.840		NS		2.040	
	28-Aug-08	NS		NS		234.000		NS		NS		NS		214.000		NS		229.000		208.000		NS	
	30-Sep-08	NS		NS		NS		7.200		NS		NS		NS		3.000	U	NS		6.800		5.600	
	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		4.870		NS		NS		NS		20.600		33.000	
	29-Apr-09	NS		NS		1.200		NS		NS		NS		1.910		NS		4.120		NS		4.250	
	22-Jul-09	0.601	U	NS		24.500	U	1.200	U	NS		0.601	U	NS		NS		0.348		0.613		NS	
	9-Oct-09	NS		3.310		NS		NS		3.440		NS		2.790		25.100	U	6.950		NS		3.820	
	15-Jan-10	0.120		NS		1.060		0.715		NS		0.823		NS		NS		2.000		1.980		NS	
	21-Apr-10	NS		0.120	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	3.270		NS		2.840	
	16-Jul-10	1.780		NS		2.300		2.860		NS		1.360		NS		NS		1.630		5.050		NS	
	15-Oct-10	NS		0.685		NS		NS		1.750		NS		1.370		1.480		1.800		NS		2.470	
	26-Jan-11	1.200	U	0.120	U	NS		0.120	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	NS		NS		1.200	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.985		NS		NS		1.080		NS		0.967		1.140		1.070		NS		1.240	
	26-Jul-11	5.450		NS		5.210		0.715		NS		5.260		NS		NS		5.540		4.690		NS	
	28-Oct-11	NS		3.000	U	NS		NS		3.000	U	NS		3.000	U	3.000	U	3.000	U	NS		3.000	U
	23-Jan-12	0.600	U	NS		0.600	U	0.600	U	NS		0.600	U	NS		NS		0.600	U	0.660		NS	
	13-Apr-12	NS		0.600	U	NS		NS		0.600	U	NS		0.600	U	0.600	U	0.600	U	NS		0.600	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		3.000	U	NS	
	23-Jun-12	0.600	U	NS		0.600	U	0.600	U	NS		0.600	U	NS		NS		0.600	U	0.600	U	NS	
	1-Nov-12	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	0.120	U	0.120	U	NS		0.120	U
	1-Feb-13	0.120	U	NS		0.120	U	0.400		NS		0.120	U	NS		NS		0.120	U	0.120	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
Dichlorodifluoromethane	8-Feb-08	2.000		NS		NS		NS		2.030		NS		NS		NS		1.920		2.000		NS	
	27-Mar-08	NS		2.290		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		2.160	
	29-May-08	NS		NS		NS		1.630		NS		NS		NS		1.620		1.680		1.660		NS	
	27-Jun-08	2.030		NS		NS		NS		2.520		NS		NS		NS		NS		2.270		2.480	
	31-Jul-08	NS		1.900		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		19.400		NS		NS		NS		2.500	U	3.400		NS	
	26-Mar-09	NS		2.550		NS		NS		NS		2.480		NS		NS		NS		2.460		2.410	
	29-Apr-09	NS		NS		2.410		NS		NS		NS		3.780		NS		2.260		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	
	15-Jan-10	2.500		NS		3.570		2.520		NS		2.610		NS		NS		2.290		2.250		NS	
	21-Apr-10	NS		0.568		NS		NS		2.200		NS		2.590		2.200		2.640		NS		2.430	
	16-Jul-10	3.360		NS		2.610		2.550		NS		2.980		NS		NS		3.150		3.290		NS	
	15-Oct-10	NS		3.130		NS		NS		2.670		NS		2.430		2.410		2.460		NS		2.430	
	26-Jan-11	2.470	U	2.200		NS		2.640		NS		1.980		NS		2.570		3.310		3.240		NS	
	28-Feb-11	NS		NS		2.470	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.180		NS		NS		2.270		NS		2.260		2.500		2.320		NS		2.310	
	26-Jul-11	2.410		NS		2.290		2.280		NS		2.080		NS		NS		2.440		2.300		NS	
	28-Oct-11	NS		2.700		NS		NS		2.700		NS		2.700		2.700		2.900		NS		3.100	
	23-Jan-12	2.500		NS		2.600		2.600		NS		2.700		NS		NS		2.600		2.600		NS	
	13-Apr-12	NS		2.500		NS		NS		2.900		NS		2.400		3.200		2.500		NS		2.800	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.800		NS	
	23-Jun-12	2.600		NS		2.300		2.500		NS		2.300		NS		NS		2.300		2.300		NS	
	1-Nov-12	NS		1.800		NS		NS		1.800		NS		2.000		1.900		2.000		NS		1.900	
	1-Feb-13	1.400		NS		1.400		1.500		NS		1.600		NS		NS		1.600		1.600		NS	
1,1-Dichloroethane	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		0.081	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		0.080	U	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	0.081	U	NS	
	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		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS	
	26-Mar-09	NS		0.404	U	NS		NS		NS		0.809	U	NS		NS		NS		0.081	U	0.081	U
	29-Apr-09	NS		NS		0.190		NS		NS		NS		0.081	U	NS		0.121		NS		0.081	U
	22-Jul-09	0.404	U	NS		16.500	U	0.801	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	16.900	U	0.081	U	NS		0.081	U
	15-Jan-10	0.137	U	NS		0.081	U	0.801	U	NS		0.081	U	NS		NS		0.081	U	0.081	U	NS	
	21-Apr-10	NS		0.081	U	NS		NS		0.404	U	NS		0.404	U	0.404	U	0.081	U	NS		0.081	U
	16-Jul-10	0.081	U	NS		2.480		0.081	U	NS		0.611	U	NS		NS		0.081	U	0.081	U	NS	
	15-Oct-10	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	,081	U	NS		0.081	U
	26-Jan-11	0.809	U	0.081	U	NS		0.081	U	NS		7.370	U	NS		0.404	U	0.404	U	0.404	U	NS	
	28-Feb-11	NS		NS		0.809	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	26-Jul-11	0.270	U	NS		0.270	U	0.081	U	NS		0.405	U	NS		NS		0.081	U	0.405	U	NS	
	28-Oct-11	NS		2.000	U	NS		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	NS		2.000	U
	23-Jan-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	13-Apr-12	NS		0.200	U	NS		NS		0.200	U	NS		0.200	U	0.200	U	0.200	U	NS		0.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.000	U	NS	
	23-Jun-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	1-Nov-12	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	1-Feb-13	0.040	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	
1,2-Dichloroethane	8-Feb-08	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.090		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		0.089	
	29-May-08	NS		NS		NS		0.090		NS		NS		NS		0.110		0.080	U	0.080	U	NS	
	27-Jun-08	0.126	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	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	NS		0.095	
	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		0.098		0.133	
	29-Apr-09	NS		NS		0.319		NS		NS		NS		0.081	U	NS		0.081	U	NS		0.089	
	22-Jul-09	0.404	U	NS		16.500	U	0.809	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	16.900	U	0.081	U	NS		0.081	U
	15-Jan-10	0.081	U	NS		0.081	U	0.081	U	NS		0.081	U	NS		NS		0.081	U	0.081	U	NS	
	21-Apr-10	NS		0.081	U	NS		NS		0.404	U	NS		0.404	U	0.404	U	0.081	U	NS		0.081	U
	16-Jul-10	0.101		NS		1.440		0.081	U	NS		0.611	U	NS		NS		0.081	U	0.081	U	NS	
	15-Oct-10	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	26-Jan-11	0.809	U	0.081	U	NS		0.081	U	NS		0.404	U	NS		0.404	U	0.404	U	0.404	U	NS	
	28-Feb-11	NS		NS		0.809	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	
	26-Jul-11	0.270	U	NS		0.270	U	0.101		NS		0.405	U	NS		NS		0.081	U	0.405	U	NS	
	28-Oct-11	NS		2.000	U	NS		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	NS		2.000	U
	23-Jan-12	0.200	U	NS		0.200	U	0.200	U	NS		0.200	U	NS		NS		0.200	U	0.970		NS	
	13-Apr-12	NS		0.200	U	NS		NS		0.200	U	NS		0.200	U	0.200	U	0.200	U	NS		0.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.000	U	NS	
	23-Jun-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	1-Nov-12	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.057	
	1-Feb-13	0.053		NS		0.062		0.062		NS		0.050		NS		NS		0.066		0.049		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1-Dichloroethene	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		0.079	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		16.200	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	U	NS		0.079	U	16.500	U	0.079	U	NS		0.079	U
	15-Jan-10	0.137	U	NS		0.079	U	0.079	U	NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		0.396	U	0.396	U	0.079	U	NS		0.079	U
	16-Jul-10	0.079	U	NS		0.206		0.079	U	NS		0.598	U	NS		NS		0.079	U	0.079	U	NS	
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.396	U	NS		3.960	U	0.396	U	0.396	U	NS	
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		0.079	U	0.396	U	NS	
	28-Oct-11	NS		2.000	U	NS		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	NS		2.000	U
	23-Jan-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.530		NS	
	13-Apr-12	NS		0.200	U	NS		NS		0.200	U	NS		0.200	U	0.200	U	0.200	U	NS		0.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.990	U	NS	
	23-Jun-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	1-Nov-12	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	1-Feb-13	0.040	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	
cis-1,2-Dichloroethene*	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		0.079	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		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		5.900	U	NS		NS		NS		5.900	U	NS		5.900	U	5.900	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		595.000		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	U	NS		0.079	U	16.500	U	0.079	U	NS		0.079	U
	15-Jan-10	0.079	U	NS		0.079	U	0.079	U	NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		0.396	U	0.396	U	0.079	U	NS		0.079	U
	16-Jul-10	0.079	U	NS		0.079	U	0.079	U	NS		0.598	U	NS		NS		0.079	U	0.079	U	NS	
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.396	U	NS		0.396	U	0.396	U	0.396	U	NS	
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		0.079	U	0.396	U	NS	
	28-Oct-11	NS		2.000	U	NS		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	NS		2.000	U
	23-Jan-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	13-Apr-12	NS		0.200	U	NS		NS		0.200	U	NS		0.200	U	0.200	U	0.200	U	NS		0.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.990	U	NS	
	23-Jun-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	1-Nov-12	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	1-Feb-13	0.040	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	
trans-1,2-Dichloroethene*	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		0.079	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		0.396	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
	15-Jan-10	0.079		NS		0.079		0.079		NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		3.960	U	0.396	U	0.079	U	NS		0.079	U
	16-Jul-10	0.079	U	NS		0.079	U	0.079	U	NS		0.598	U	NS		NS		0.079	U	0.079	U	NS	
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.360	U	NS		0.396	U	0.396	U	0.396	U	NS	
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		0.079	U	0.396	U	NS	
	28-Oct-11	NS		2.000	U	NS		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	NS		2.000	U
	23-Jan-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	13-Apr-12	NS		0.200	U	NS		NS		0.200	U	NS		0.200	U	0.200	U	0.200	U	NS		0.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.990	U	NS	
	23-Jun-12	0.400	U	NS		0.400	U	0.400	U	NS		0.400	U	NS		NS		0.400	U	0.400	U	NS	
	1-Nov-12	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	1-Feb-13	0.040	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2-Dichloropropane	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		0.092	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		0.090	U	NS		NS		NS		0.090	U	0.090	U	0.090	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	0.092	U	NS	
	30-Sep-08	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	NS		0.090	U	0.090	U
	27-Oct-08	0.090	U	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	NS		0.090	U
	25-Nov-08	NS		0.090	U	NS		NS		NS		0.090	U	NS		NS		0.090	U	0.090	U	NS	
	18-Dec-08	NS		NS		0.090	U	NS		NS		NS		0.090	U	NS		NS		0.090	U	0.090	U
	21-Jan-09	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	U	NS		0.090	U
	25-Feb-09	0.090	U	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	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-09	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	19.300	U	0.092	U	NS		0.092	U
	15-Jan-10	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	21-Apr-10	NS		0.092	U	NS		NS		0.462	U	NS		0.462	U	0.462	U	0.092	U	NS		0.092	U
	16-Jul-10	0.092	U	NS		0.092	U	0.092	U	NS		0.698	U	NS		NS		0.092	U	0.092	U	NS	
	15-Oct-10	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	26-Jan-11	0.924	U	0.092	U	NS		0.092	U	NS		0.462	U	NS		0.462	U	0.462	U	0.462	U	NS	
	28-Feb-11	NS		NS		0.924	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	26-Jul-11	0.308	U	NS		0.308	U	0.092	U	NS		0.462	U	NS		NS		0.092	U	0.462	U	NS	
	28-Oct-11	NS		2.300	U	NS		NS		2.300	U	NS		2.300	U	2.300	U	2.300	U	NS		2.300	U
	23-Jan-12	0.230	U	NS		0.230	U	0.230	U	NS		0.230	U	NS		NS		0.230	U	0.230	U	NS	
	13-Apr-12	NS		0.460	U	NS		NS		0.460	U	NS		0.460	U	0.460	U	0.460	U	NS		0.460	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.200	U	NS	
	23-Jun-12	0.460	U	NS		0.460	U	0.460	U	NS		0.460	U	NS		NS		0.460	U	0.460	U	NS	
	1-Nov-12	NS		0.046	U	NS		NS		0.046	U	NS		0.046	U	0.046	U	0.046	U	NS		0.046	U
	1-Feb-13	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
cis-1,3-Dichloropropene	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	0.090	U	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		NS		0.180	U	NS	
	26-Mar-09	NS		0.453	U	NS		NS		NS		0.907	U	NS		NS		NS		0.091	U	0.910	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	
	9-Oct-09	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	18.900	U	0.091	U	NS		0.091	U
	15-Jan-10	0.091	U	NS		0.091	U	0.091	U	NS		0.091	U	NS		NS		0.091	U	0.091	U	NS	
	21-Apr-10	NS		0.091	U	NS		NS		0.453	U	NS		0.453	U	0.453	U	0.091	U	NS		0.091	U
	16-Jul-10	0.091	U	NS		0.091	U	0.091	U	NS		0.685	U	NS		NS		0.091	U	0.091	U	NS	
	15-Oct-10	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jan-11	0.907	U	0.091	U	NS		0.091	U	NS		0.453	U	NS		0.453	U	0.453	U	0.453	U	NS	
	28-Feb-11	NS		NS		0.907	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jul-11	0.303	U	NS		0.303	U	0.091	U	NS		0.454	U	NS		NS		0.091	U	0.454	U	NS	
	28-Oct-11	NS		2.300	U	NS		NS		2.300	U	NS		2.300	U	2.300	U	2.300	U	NS		2.300	U
	23-Jan-12	0.450	U	NS		0.450	U	0.450	U	NS		0.450	U	NS		NS		0.450	U	0.450	U	NS	
	13-Apr-12	NS		0.200	U	NS		NS		0.230	U	NS		0.230	U	0.230	U	0.230	U	NS		0.230	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.100	U	NS	
	23-Jun-12	0.450	U	NS		0.450	U	0.450	U	NS		0.450	U	NS		NS		0.450	U	0.450	U	NS	
	1-Nov-12	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	1-Feb-13	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
trans-1,3-Dichloropropene	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		0.090	U	0.090	U	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	
	30-Sep-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	0.091	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		0.453	U	0.907	U	NS		0.453	U	NS		NS		0.091	U	0.091	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
	15-Jan-10	0.091	U	NS		0.091	U	0.091	U	NS		0.091	U	NS		NS		0.091	U	0.091	U	NS	
	21-Apr-10	NS		0.091	U	NS		NS		0.453	U	NS		0.453	U	0.453	U	0.091	U	NS		0.091	U
	16-Jul-10	0.091	U	NS		0.091	U	0.091	U	NS		0.685	U	NS		NS		0.091	U	0.091	U	NS	
	15-Oct-10	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jan-11	0.907	U	0.091	U	NS		0.091	U	NS		0.453	U	NS		0.453	U	0.453	U	0.453	U	NS	
	28-Feb-11	NS		NS		0.907	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jul-11	0.303	U	NS		0.303	U	0.091	U	NS		0.454	U	NS		NS		0.091	U	0.454	U	NS	
	28-Oct-11	NS		2.300	U	NS		NS		2.300	U	NS		2.300	U	2.300	U	2.300	U	NS		2.300	U
	23-Jan-12	0.450	U	NS		0.450	U	0.450	U	NS		0.450	U	NS		NS		0.450	U	0.450	U	NS	
	13-Apr-12	NS		1.200	U	NS		NS		0.230	U	NS		0.230	U	0.230	U	0.230	U	NS		0.230	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.100	U	NS	
	23-Jun-12	0.450	U	NS		0.450	U	0.450	U	NS		0.450	U	NS		NS		0.450	U	0.450	U	NS	
	1-Nov-12	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	1-Feb-13	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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
Ethylbenzene	8-Feb-08	0.210		NS		NS		NS		0.230		NS		NS		NS		0.330		4.890		NS	
	27-Mar-08	NS		0.295		NS		NS		NS		0.157		NS		NS		NS		0.645		0.372	
	25-Apr-08	NS		NS		0.291		NS		NS		NS		0.320		NS				NS		0.565	
	29-May-08	NS		NS		NS		1.490		NS		NS		NS		2.200		2.820		1.010		NS	
	27-Jun-08	4.340		NS		NS		NS		0.472		NS		NS		NS		NS		0.606		0.699	
	31-Jul-08	NS		*		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		0.666		NS	
	30-Sep-08	NS		NS		2.200	U	NS		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		2.200	U
	25-Nov-08	NS		2.200	U	NS		NS		NS		2.200	U	NS		NS		2.300		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	10.800		NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	2.200	U	NS	
	26-Mar-09	NS		0.516		NS		NS		NS		0.868	U	NS		NS		NS		0.845		1.180	
	29-Apr-09	NS		NS		0.190		NS		NS		NS		0.191		NS		0.304		NS		0.325	
	22-Jul-09	11.700		NS		11.700		0.868	U	NS		1.150		NS		NS		38.200		1.040		NS	
	9-Oct-09	NS		0.564		NS		NS		0.560		NS		0.291		18.100	U	0.542		NS		0.542	
	15-Jan-10	6.950		NS		0.568		0.542		NS		0.659		NS		NS		0.712		0.720		NS	
	21-Apr-10	NS		0.304		NS		NS		1.340		NS		1.800		1.760		2.120		NS		1.560	
	16-Jul-10	8.230		NS		2.400		1.800		NS		1.440		NS		NS		1.510		1.420		NS	
	15-Oct-10	NS		0.534		NS		NS		0.625		NS		0.521		0.573		1.070		NS		0.833	
	26-Jan-11	1.260		1.620		NS		1.660		NS		1.260		NS		1.210		4.140		4.680		NS	
	28-Feb-11	NS		NS		0.868	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.243		NS		NS		0.239		NS		0.286		3.860		0.364		NS		0.508	
	26-Jul-11	3.910		NS		0.942		0.339		NS		0.434	U	NS		NS		0.304		0.434	U	NS	
	28-Oct-11	NS		2.200	U	NS		NS		2.200	U	NS		2.200	U	2.200	U	3.800		NS		2.200	U
	23-Jan-12	3.000		NS		0.790		0.560		NS		0.820		NS		NS		1.700		12.000		NS	
	13-Apr-12	NS		0.430	U	NS		NS		0.430	U	NS		0.430	U	0.430	U	1.500		NS		0.430	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.200	U	NS	
	23-Jun-12	5.100		NS		0.530		0.430	U	NS		0.470		NS		NS		0.760		0.460		NS	
	1-Nov-12	NS		0.550		NS		NS		0.570		NS		0.800		0.750		0.870		NS		1.300	
	1-Feb-13	1.300		NS		0.180		0.150		NS		0.230		NS		NS		0.540		0.520		NS	
Isopropylbenzene	8-Feb-08	2.460	U	NS		NS		NS		2.460	U	NS		NS		NS		2.460	U	2.460	U	NS	
	27-Mar-08	NS		2.460	U	NS		NS		NS		NS		NS		NS		NS		2.460	U	2.460	U
	25-Apr-08	NS		NS		2.460	U	NS		NS		NS		2.460	U	NS		2.460	U	NS		2.460	U
	29-May-08	NS		NS		NS		2.460	U	NS		NS		NS		2.460	U	2.460	U	NS		NS	
	27-Jun-08	3.830	U	NS		NS		NS		2.460	U	NS		NS		NS		NS		2.460	U	2.460	U
	31-Jul-08	NS		2.460	U	NS		NS		NS		NS		NS		NS		2.460	U	NS		2.460	U
	28-Aug-08	NS		NS		2.460	U	NS		NS		NS		2.460	U	NS		2.460	U	2.460	U	NS	
	30-Sep-08	NS		NS		NS		4.900	U	NS		NS		NS		4.900	U	NS		4.900	U	4.900	U
	27-Oct-08	5.200		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		5.900	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		24.600	U	NS		NS		NS		2.460	U	2.460	U
	29-Apr-09	NS		NS		2.460	U	NS		NS		NS		2.460	U	NS		2.460	U	NS		2.460	U
	22-Jul-09	12.300	U	NS		12.300	U	24.600	U	NS		12.300	U	NS		NS		3.780		2.460	U	NS	
	9-Oct-09	NS		2.740	U	NS		NS		2.460	U	NS		2.460	U	513.000	U	2.460	U	NS		2.460	U
	15-Jan-10	2.460	U	NS		2.460	U	2.460	U	NS		2.460	U	NS		NS		2.460	U	2.460	U	NS	
	21-Apr-10	NS		2.460	U	NS		NS		12.300	U	NS		12.300	U	12.300	U	2.460	U	NS		2.460	U
	16-Jul-10	2.460	U	NS		2.660		2.460	U	NS		18.500	U	NS		NS		2.460	U	2.460	U	NS	
	15-Oct-10	NS		2.460	U	NS		NS		2.460	U	NS		2.460	U	2.460	U	2.460	U	NS		2.460	U
	26-Jan-11	24.600	U	2.460	U	NS		2.460	U	NS		12.300	U	NS		12.300	U	12.300	U	12.300	U	NS	
	28-Feb-11	NS		NS		24.600	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.460	U	NS		NS		2.460	U	NS		2.460	U	2.460	U	2.460	U	NS		2.460	U
	26-Jul-11	8.210	U	NS		8.210	U	2.460	U	NS		12.300	U	NS		NS		2.460	U	12.300	U	NS	
	28-Oct-11	NS		6.200	U	NS		NS		6.200	U	NS		6.200	U	6.200	U	6.200	U	NS		6.200	U
	23-Jan-12	1.200	U	NS		1.200	U	0.250	U	NS		1.200	U	NS		NS		1.200	U	1.400		NS	
	13-Apr-12	NS		1.200	U	NS		NS		1.200	U	NS		1.200	U	1.200	U	1.200	U	NS		1.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.200	U	NS	
	23-Jun-12	1.200	U	NS		1.200	U	1.200	U	NS		1.200	U	NS		NS		1.200	U	1.200	U	NS	
	1-Nov-12	NS		0.250	U	NS		NS		0.250	U	NS		0.250	U	0.250	U	0.250	U	NS		0.250	U
	1-Feb-13	0.250	U	NS		0.250	U	0.250	U	NS		0.250	U	NS		NS		0.250	U	0.250	U	NS	
p-Isopropyltoluene	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		1.200		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		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	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		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		2.740	U	NS		NS		2.740	U	NS		2.740	U	573.000	U	2.740	U	NS		2.740	U
	15-Jan-10	2.720	U	NS		2.740	U	2.740	U	NS		2.740	U	NS		NS		2.740	U	2.740	U	NS	
	21-Apr-10	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	2.740	U	NS		2.740	U
	16-Jul-10	2.740	U	NS		2.740	U	2.740	U	NS		20.700	U	NS		NS		2.740	U	2.740		NS	
	15-Oct-10	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	2.740	U	2.740	U	NS		2.740	U
	26-Jan-11	27.400	U	2.740	U	NS		2.740	U	NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	NS	
	28-Feb-11	NS		NS		27.400	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	2.740	U	2.740	U	NS		2.740	U
	26-Jul-11	9.170	U	NS		9.170	U	2.740	U	NS		13.700	U	NS		NS		2.740	U	13.700	U	NS	
	28-Oct-11	NS		6.300	U	NS		NS		6.300	U	NS		6.300	U	6.300	U	6.300	U	NS		6.300	U
	23-Jan-12	1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	NS		NS		1.300	U	1.300	U	NS	
	13-Apr-12	NS		1.300	U	NS		NS		1.300	U	NS		1.300	U	1.300	U	1.300	U	NS		1.300	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.300	U	NS	
	23-Jun-12	1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	NS		NS		1.300	U	1.300	U	NS	
	1-Nov-12	NS		0.250	U	NS		NS		0.250	U	NS		0.270		0.250	U	0.290		NS		0.450	
	1-Feb-13	0.250	U	NS		0.250	U	0.250	U	NS		0.250	U	NS		NS		0.250	U	0.250	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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
Methyl tert butyl ether (MTBE)	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		0.165		0.126	
	25-Apr-08	NS		NS		0.072	U	NS		NS		NS		0.072	U	NS		0.072	U	NS		0.079	
	29-May-08	NS		NS		NS		0.070	U	NS		NS		NS		0.070	U	0.070	U	0.070	U	NS	
	27-Jun-08	0.436		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		0.106		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		2.600		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		1.800	U	1.800	U	NS		1.800	U
	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		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	0.086		NS		0.083	
	15-Jan-10	0.079		NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
	21-Apr-10	NS		0.072	U	NS		NS		0.360	U	NS		3.600	U	0.360	U	0.072	U	NS		0.072	U
	16-Jul-10	0.072	U	NS		0.072	U	0.072	U	NS		0.544	U	NS		NS		0.072	U	0.072	U	NS	
	15-Oct-10	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	26-Jan-11	0.720	U	0.072	U	NS		0.072	U	NS		0.396	U	NS		0.360	U	0.360	U	0.360	U	NS	
	28-Feb-11	NS		NS		0.720	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	26-Jul-11	0.240	U	NS		0.240	U	0.072	U	NS		0.360	U	NS		NS		0.072	U	0.360	U	NS	
	28-Oct-11	NS		1.800	U	NS		NS		1.800	U	NS		1.800	U	1.800	U	1.800	U	NS		1.800	U
	23-Jan-12	0.360	U	NS		0.360	U	0.360	U	NS		0.360	U	NS		NS		0.360	U	0.360	U	NS	
	13-Apr-12	NS		0.360	U	NS		NS		0.360	U	NS		0.360	U	0.360	U	0.360	U	NS		0.360	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.800	U	NS	
	23-Jun-12	0.360	U	NS		0.360	U	0.360	U	NS		0.360	U	NS		NS		0.360	U	0.360	U	NS	
	1-Nov-12	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	1-Feb-13	0.072	U	NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
Methylene chloride	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		2.870		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		3.690		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		1.700	U	NS		1.700	U
	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	UI
	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	
	29-Apr-09	NS		NS		1.740	U	NS		NS		NS		1.740	U	NS		1.740	U	NS		1.740	U
	22-Jul-09	86.800	U	NS		8.680	U	17.400	U	NS		8.680	U	NS		NS		1.740	U	1.740	U	NS	
	9-Oct-09	NS		1.740	U	NS		NS		1.740	U	NS		1.740	U	362.000	U	1.740	U	NS		1.740	U
	15-Jan-10	1.740	U	NS		1.740	U	1.740	U	NS		1.740	U	NS		NS		1.740	U	1.740	U	NS	
	21-Apr-10	NS		1.740	U	NS		NS		0.868	U	NS		8.680	U	8.680	U	1.740		NS		1.740	
	16-Jul-10	24.000		NS		21.500		19.500		NS		26.200	U	NS		NS		27,1		26.500		NS	
	15-Oct-10	NS		3.470	U	NS		NS		3.470	U	NS		3.470	U	3.470	U	3.470	U	NS		3.470	U
	26-Jan-11	34.700	U	3.470	U	NS		3.470	U	NS		0.404	U	NS		17.400	U	17.400	U	17.400	U	NS	
	28-Feb-11	NS		NS		34.700	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		3.470	U	NS		NS		3.470	U	NS		3.470	U	3.470	U	3.470	U	NS		3.470	U
	26-Jul-11	11.600	U	NS		11.600	U	3.470	U	NS		17.400	U	NS		NS		5.700		17.400	U	NS	
	28-Oct-11	NS		17.000	U	NS		NS		17.000	U	NS		17.000	U	17.000	U	140.000		NS		17.000	U
	23-Jan-12	3.500	U	NS		3.500	U	3.500	U	NS		3.500	U	NS		NS		3.500	U	3.500	U	NS	
	13-Apr-12	NS		4.600		NS		NS		7.300		NS		3.500	U	4.600		3.900		NS		3.500	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		17.000	U	NS	
	23-Jun-12	3.500	U	NS		3.500	U	3.500	U	NS		3.500	U	NS		NS		3.500	U	3.500	U	NS	
	1-Nov-12	NS		0.740		NS		NS		1.100		NS		0.690	U	1.100		0.690	U	NS		6.200	
	1-Feb-13	2.000		NS		0.930		1.600		NS		1.100		NS		NS		0.900		2.100		NS	
4-Methyl-2-pentanone	8-Feb-08	2.050	U	NS		NS		NS		2.050	U	NS		NS		NS		2.050	U	8.700		NS	
	27-Mar-08	NS		2.050	U	NS		NS		NS		NS		NS		NS		NS		15.200		2.050	U
	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	2.050	U	NS	
	27-Jun-08	3.190	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		NS		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		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		3.500		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		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-09	10.200	U	NS		10.200	U	20.500	U	NS		10.200	U	NS		NS		2.050	U	2.050	U	NS	
	9-Oct-09	NS		2.050	U	NS		NS		2.050	U	NS		2.050	U	427.000	U	2.050	U	NS		2.050	U
	15-Jan-10	2.050	U	NS		2.050	U	2.050	U	NS		2.050	U	NS		NS		2.050	U	2.050	U	NS	
	21-Apr-10	NS		2.050	U	NS		NS		10.200	U	NS		10.200	U	10.200	U	2.050	U	NS		2.050	U
	16-Jul-10	2.050	U	NS		2.050	U	2.050	U	NS		15.400	U	NS		NS		2.050	U	2.050	U	NS	
	15-Oct-10	NS		2.050	U	NS		NS		2.050	U	NS		2.050	U	2.050	U	2.050	U	NS		2.050	U
	26-Jan-11	20.500	U	2.050	U	NS		2.050	U	NS		10.200	U	NS		10.200	U	10.200	U	10.200	U	NS	
	28-Feb-11	NS		NS		20.500	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.050	U	NS		NS		2.050	U	NS		2.050	U	2.050	U	2.050	U	NS		3.350	
	26-Jul-11	6.840	U	NS		0.684	U	2.050	U	NS		10.200	U	NS		NS		2.050	U	10.200	U	NS	
	28-Oct-11	NS		2.000	U	NS		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	NS		2.000	U
	23-Jan-12	0.410	U	NS		0.440		0.410	U	NS		0.410	U	NS		NS		0.410	U	1.800		NS	
	13-Apr-12	NS		0.410	U	NS		NS		0.410	U	NS		0.410	U	0.410	U	0.410	U	NS		0.410	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.000	U	NS	
	23-Jun-12	0.410	U	NS		0.410	U	0.410	U	NS		0.410	U	NS		NS		0.410	U	0.460		NS	
	1-Nov-12	NS		0.890		NS		NS		0.650		NS		0.900		0.840		1.100		NS		1.100	
	1-Feb-13	0.120		NS		0.082	U	0.082	U	NS		0.095		NS		NS		0.082	U	0.290		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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
Styrene	8-Feb-08	0.090	U	NS		NS		NS		0.090	U	NS		NS		NS		0.300		3.150		NS	
	27-Mar-08	NS		0.100		NS		NS		NS		0.177		NS		NS		NS		0.206		0.404	
	25-Apr-08	NS		NS		0.244		NS		NS		NS		1.070		NS		0.559		NS		0.351	
	29-May-08	NS		NS		NS		0.170		NS		NS		NS		0.300		0.360		0.270		NS	
	27-Jun-08	0.732		NS		NS		NS		0.354		NS		NS		NS		NS		0.598		0.590	
	31-Jul-08	NS		0.276		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		2.100	U
	25-Feb-09	2.100	U	NS		NS		NS		2.100	U	NS		NS		NS		2.100	U	2.100	U	NS	
	26-Mar-09	NS		0.851	U	NS		NS		NS		1.700	U	NS		NS		NS		0.292		0.361	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.085	U	NS		0.098		NS		0.243	
	22-Jul-09	0.426	U	NS		0.426	U	0.851	U	NS		0.426	U	NS		NS		0.600		0.149		NS	
	9-Oct-09	NS		0.085	U	NS		NS		0.098		NS		0.085	U	17.800	U	0.153		NS		0.204	
	15-Jan-10	0.106		NS		0.119		0.089		NS		0.098		NS		NS		0.128		0.221		NS	
	21-Apr-10	NS		0.085	U	NS		NS		0.426	U	NS		0.426	U	0.426	U	0.481		NS		0.579	
	16-Jul-10	0.570		NS		0.911		0.660		NS		0.643	U	NS		NS		0.340		0.864		NS	
	15-Oct-10	NS		0.698		NS		NS		1.120		NS		0.779		0.919		0.877		NS		1.520	
	26-Jan-11	0.851	U	0.162		NS		0.179		NS		0.426	U	NS		0.426	U	0.426		0.617		NS	
	28-Feb-11	NS		NS		0.851	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.311		NS		NS		0.302		NS		0.366		0.400		0.753		NS		0.749	
	26-Jul-11	0.724		NS		0.779		0.868		NS		0.788	U	NS		NS		1.230		0.681		NS	
	28-Oct-11	NS		2.100	U	NS		NS		2.100	U	NS		2.100	U	2.100	U	2.100	U	NS		2.100	U
	23-Jan-12	0.840		NS		0.430	U	0.430	U	NS		0.430	U	NS		NS		0.460		16.000		NS	
	13-Apr-12	NS		0.430	U	NS		NS		0.430	U	NS		0.430	U	0.430	U	0.430	U	NS		0.430	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.100	U	NS	
	23-Jun-12	1.700		NS		1.400		1.900		NS		1.900		NS		NS		2.400		2.600		NS	
	1-Nov-12	NS		0.140		NS		NS		0.150		NS		0.460		0.170		0.300		NS		0.340	
	1-Feb-13	0.085	U	NS		0.085		0.085	U	NS		0.085	U	NS		NS		0.220		0.260		NS	
1,1,1,2-Tetrachloroethane	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		0.190		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	
	9-Oct-09	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	28.600	U	0.137	U	NS		0.137	U
	15-Jan-10	0.109	U	NS		0.137	U	1.370	U	NS		0.137	U	NS		NS		0.137	U	0.137	U	NS	
	21-Apr-10	NS		0.137	U	NS		NS		0.686	U	NS		0.686	U	0.686	U	0.137	U	NS		0.137	U
	16-Jul-10	0.137	U	NS		0.137	U	0.137	U	NS		1.040	U	NS		NS		0.137	U	0.137	U	NS	
	15-Oct-10	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jan-11	1.370	U	0.137	U	NS		0.137	U	NS		0.686	U	NS		0.686	U	0.686	U	0.686	U	NS	
	28-Feb-11	NS		NS		1.370	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jul-11	0.458	U	NS		0.458	U	0.137	U	NS		0.687	U	NS		NS		0.137	U	0.687	U	NS	
	28-Oct-11	NS		6.200	U	NS		NS		6.200	U	NS		6.200	U	6.200	U	6.200	U	NS		6.200	U
	23-Jan-12	1.200	U	NS		1.200	U	1.200	U	NS		1.200	U	NS		NS		1.200	U	1.200	U	NS	
	13-Apr-12	NS		1.200	U	NS		NS		1.200	U	NS		1.200	U	1.200	U	1.200	U	NS		1.200	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.200	U	NS	
	23-Jun-12	1.200	U	NS		1.200	U	1.200	U	NS		1.200	U	NS		NS		1.200	U	1.200	U	NS	
	1-Nov-12	NS		0.250	U	NS		NS		0.250	U	NS		0.250	U	0.250	U	0.250	U	NS		0.250	U
	1-Feb-13	0.250	U	NS		0.250	U	0.250	U	NS		0.250	U	NS		NS		0.250	U	0.250	U	NS	
1,1,2,2-Tetrachloroethane	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	0.137	U	NS		0.686	U	NS		NS		0.137	U	0.137	U	NS	
	9-Oct-09	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	28.600	U	0.137	U	NS		0.137	U
	15-Jan-10	0.109	U	NS		0.137	U	0.137	U	NS		0.109	U	NS		NS		0.137	U	0.137	U	NS	
	21-Apr-10	NS		0.137	U	NS		NS		0.686	U	NS		0.686	U	0.686	U	0.137	U	NS		0.137	U
	16-Jul-10	0.137	U	NS		0.137	U	0.137	U	NS		1.040	U	NS		NS		0.137	U	0.137	U	NS	
	15-Oct-10	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jan-11	1.370	U	0.137	U	NS		0.137	U	NS		0.686	U	NS		0.686	U	0.686	U	0.686	U	NS	
	28-Feb-11	NS		NS		1.370	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jul-11	0.458	U	NS		0.458	U	0.137	U	NS		0.687	U	NS		NS		0.137	U	0.687	U	NS	
	28-Oct-11	NS		3.400	U	NS		NS		3.400	U	NS		3.400	U	3.400	U	3.400	U	NS		3.400	U
	23-Jan-12	0.690	U	NS		0.690	U	0.690	U	NS		0.690	U	NS		NS		0.690	U	0.690	U	NS	
	13-Apr-12	NS		0.340	U	NS		NS		0.340	U	NS		0.340	U	0.340	U	0.340	U	NS		0.340	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.700	U	NS	
	23-Jun-12	0.690	U	NS		0.690	U	0.690	U	NS		0.690	U	NS		NS		0.690	U	0.690	U	NS	
	1-Nov-12	NS		0.069	U	NS		NS		0.069	U	NS		0.069	U	0.069	U	0.069	U	NS		0.069	U
	1-Feb-13	0.069	U	NS		0.069	U	0.069	U	NS		0.069	U	NS		NS		0.120		0.069	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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
Tetrachloroethene*	8-Feb-08	0.350		NS		NS		NS		0.140	U	NS		NS		NS		0.530		5.050		NS	
	27-Mar-08	NS		0.888		NS		NS		NS		0.875		NS		NS		NS		6.990		5.250	
	25-Apr-08	NS		NS		0.322		NS		NS		NS		0.990		NS		0.830		NS		0.867	
	29-May-08	NS		NS		NS		1.360		NS		NS		NS		0.240		0.300		3.210		NS	
	27-Jun-08	1.320		NS		NS		NS		29.600		NS		NS		NS		NS		5.080		1.800	
	31-Jul-08	NS		0.667		NS		NS		NS		NS		NS		NS		0.618		NS		0.572	
	28-Aug-08	NS		NS		1.550		NS		NS		NS		1.520		NS		1.370		6.260		NS	
	30-Sep-08	NS		NS		NS		3.400		NS		NS		NS		3.400	U	NS		6.100		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		4.600		NS		NS		3.400	U	8.900		NS	
	18-Dec-08	NS		NS		3.400	U	NS		NS		NS		3.400	U	NS		NS		3.400	U	3.400	U
	21-Jan-09	NS		NS		NS		3.400	U	NS		NS		NS		3.400	U	3.400	U	NS		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		0.691	
	22-Jul-09	1.630		NS		1.630		2.100		NS		3.080		NS		NS		11.800		3.250		NS	
	9-Oct-09	NS		0.556		NS		NS		2.070		NS		0.678		28.300	U	1.170		NS		1.460	
	15-Jan-10	1.310		NS		0.644		1.350		NS		0.691		NS		NS		0.447		0.501		NS	
	21-Apr-10	NS		7.200		NS		NS		31.400		NS		35.500		36.800		62.100		NS		36.100	
	16-Jul-10	12.400		NS		12.700		10.900		NS		10.000		NS		NS		15.400		19.200		NS	
	15-Oct-10	NS		21.900		NS		NS		37.600		NS		21.300		21.800		22.100		NS		31.600	
	26-Jan-11	1.360	U	0.691		NS		1.270		NS		0.678	U	NS		0.813		2.130		8.300		NS	
	28-Feb-11	NS		NS		1.360	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.440		NS		NS		7.220		NS		1.530		1.560		1.460		NS		1.980	
	26-Jul-11	3.340		NS		0.834		2.590		NS		9.290		NS		NS		0.976		6.780		NS	
	28-Oct-11	NS		3.400	U	NS		NS		8.500		NS		3.400	U	3.400	U	3.400	U	NS		3.400	U
	23-Jan-12	1.000		NS		0.680	U	1.700		NS		5.300		NS		NS		0.760		26.000		NS	
	13-Apr-12	NS		19.000		NS		NS		18.000		NS		12.000		18.000		18.000		NS		15.000	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		9.600		NS	
	23-Jun-12	1.500		NS		0.680	U	3.500		NS		0.800		NS		NS		0.680	U	8.900		NS	
	1-Nov-12	NS		7.400		NS		NS		11.000		NS		0.780		0.570		1.300		NS		1.600	
	1-Feb-13	1.800		NS		0.760		0.990		NS		4.500		NS		NS		1.800		7.700		NS	
Toluene	8-Feb-08	1.630		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		16.100	
	25-Apr-08	NS		NS		1.390		NS		NS		NS		1.340		NS		11.200		NS		21.800	
	29-May-08	NS		NS		NS		7.740		NS		NS		NS		11.600		21.000		13.000		NS	
	27-Jun-08	14.700		NS		NS		NS		2.330		NS		NS		NS		NS		10.600		22.200	
	31-Jul-08	NS		4.150		NS		NS		NS		NS		NS		NS		10.200		NS		6.110	
	28-Aug-08	NS		NS		6.480		NS		NS		NS		3.440		NS		10.000		11.200		NS	
	30-Sep-08	NS		NS		NS		1.900	U	NS		NS		NS		6.100		NS		7.500		8.600	
	27-Oct-08	56.300		NS		NS		NS		3.200		NS		NS		NS		6.600		NS		8.200	
	25-Nov-08	NS		7.800		NS		NS		NS		7.800		NS		NS		29.900		18.600		NS	
	18-Dec-08	NS		NS		2.000		NS		NS		NS		1.900	U	NS		NS		4.800		4.900	
	21-Jan-09	NS		NS		NS		1.900	U	NS		NS		NS		1.900	U	1.900	U	NS		1.900	U
	25-Feb-09	7.000		NS		NS		NS		1.900	U	NS		NS		NS		1.900	U	13.800		NS	
	26-Mar-09	NS		3.530		NS		NS		NS		3.920		NS		NS		NS		7.230		9.750	
	29-Apr-09	NS		NS		1.990		NS		NS		NS		0.651		NS		0.149		NS		.4.56	
	22-Jul-09	38.700		NS		38.700		2.220		NS		4.710		NS		NS		80.100		5.320		NS	
	9-Oct-09	NS		3.530		NS		NS		3.060		NS		1.070		23.600		3.120		NS		3.670	
	15-Jan-10	12.800		NS		4.170		4.330		NS		5.810		NS		NS		4.810		4.850		NS	
	21-Apr-10	NS		0.900		NS		NS		2.970		NS		3.750		5.200		2.840		NS		5.080	
	16-Jul-10	22.200		NS		17.900		5.980		NS		5.540		NS		NS		5.770		5.850		NS	
	15-Oct-10	NS		1.670		NS		NS		2.100		NS		1.720		3.370		2.230		NS		3.260	
	26-Jan-11	6.060		6.820		NS		6.820		NS		4.740		NS		5.950		12.100		11.900		NS	
	28-Feb-11	NS		NS		1.880		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.836		NS		NS		0.682		NS		1.250		3.620		2.080		NS		1.620	
	26-Jul-11	8.290		NS		3.960		1.150		NS		1.620		NS		NS		2.310		1.680		NS	
	28-Oct-11	NS		1.900	U	NS		NS		1.900	U	NS		1.900	U	3.300		4.700		NS		3.800	
	23-Jan-12	7.900		NS		3.800		1.900		NS		3.400		NS		NS		5.200		15.000		NS	
	13-Apr-12	NS		0.750		NS		NS		0.380	U	NS		0.380	U	1.300		2.400		NS		1.500	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.900	U	NS	
	23-Jun-12	8.500		NS		3.500		1.500		NS		2.500		NS		NS		2.400		1.800		NS	
	1-Nov-12	NS		2.000		NS		NS		1.700		NS		2.300		2.800		2.800		NS		4.500	
	1-Feb-13	2.400		NS		0.690		0.690		NS		0.710		NS		NS		1.400		1.600		NS	
1,1,1-Trichloroethane*	8-Feb-08	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	0.560		NS	
	27-Mar-08	NS		0.109	U	NS		NS		NS		0.109	U	NS		NS		NS		0.522		0.266	
	25-Apr-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.119	
	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		0.109	U	NS		NS		NS		NS		NS		NS		0.109	U	NS		0.109	U
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.153		NS		0.109	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	2.700	U	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		1.590		NS		NS		NS		1.090	U	NS		NS		NS		0.682		0.213	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.147		NS		0.158		NS		0.191	
	22-Jul-09	0.545	U	NS		22.200	U	1.090	U	NS		0.545	U	NS		NS		0.109	U	0.278		NS	
	9-Oct-09	NS		0.109	U	NS		NS		0.158		NS		0.191		22.800	U	0.109	U	NS		0.136	
	15-Jan-10	0.109	U	NS		0.109	U	1.090	U	NS		0.109	U	NS		NS		0.109	U	0.692		NS	
	21-Apr-10	NS		0.109	U	NS		NS		0.545	U	NS		0.545	U	0.545	U	0.109		NS		1.090	U
	16-Jul-10	0.109	U	NS		0.109	U	0.109	U	NS		0.824	U	NS		NS		0.109	U	0.562		NS	
	15-Oct-10	NS		0.272		NS		NS		0.349		NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jan-11	1.090	U	0.109	U	NS		0.109	U	NS		0.545	U	NS		0.545	U	0.545	U	0.845		NS	
	28-Feb-11	NS		NS		1.090	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jul-11	0.364	U	NS		0.364	U	0.109	U	NS		0.873		NS		NS		0.109	U	0.546	U	NS	
	28-Oct-11	NS		2.700	U	NS		NS		2.700	U	NS		2.700	U	2.700	U	2.700	U	NS		2.700	U
	23-Jan-12	0.550	U	NS		0.550	U	0.550	U	NS		1.500	U	NS		NS		0.550	U	1.300		NS	
	13-Apr-12	NS		0.270	U	NS		NS		0.270	U	NS		0.270	U	0.270	U	0.270	U	NS		0.270	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.400	U	NS	
	23-Jun-12	0.550	U	NS		0.550	U	0.550	U	NS		0.550	U	NS		NS		0.550	U	0.700		NS	
	1-Nov-12	NS		0.250		NS		NS		0.270		NS		0.055	U	0.055	U	0.055	U	NS		0.140	
	1-Feb-13	0.055	U	NS		0.055	U	0.055	U	NS		0.830		NS		NS		0.055	U	0.230		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1,2-Trichloroethane	8-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		0.109	U	NS		NS		NS		NS		NS		NS		0.109	U	NS		0.109	U
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	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	0.110	U	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		1.090	U	NS		NS		NS		0.109	U	0.109	U
	29-Apr-09	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.109	U
	22-Jul-09	0.545	U	NS		22.200	U	1.090	U	NS		0.545	U	NS		NS		0.109	U	0.109	U	NS	
	9-Oct-09	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	22.800	U	0.109	U	NS		0.109	U
	15-Jan-10	0.109	U	NS		0.109	U	1.090	U	NS		0.081	U	NS		NS		0.109	U	0.109	U	NS	
	21-Apr-10	NS		0.109	U	NS		NS		0.545	U	NS		0.545	U	0.545	U	0.109	U	NS		0.109	U
	16-Jul-10	0.109	U	NS		0.109	U	0.109	U	NS		0.824	U	NS		NS		1.090	U	0.109	U	NS	
	15-Oct-10	NS		0.109		NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jan-11	1.090	U	0.109	U	NS		0.109	U	NS		0.545	U	NS		0.547	U	0.545	U	0.545	U	NS	
	28-Feb-11	NS		NS		1.090	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jul-11	0.364	U	NS		0.364	U	0.109	U	NS		0.546	U	NS		NS		0.109	U	0.546	U	NS	
	28-Oct-11	NS		2.700	U	NS		NS		2.700	U	NS		2.700	U	2.700	U	2.700	U	NS		2.700	U
	23-Jan-12	0.550	U	NS		0.550	U	0.550	U	NS		0.550	U	NS		NS		0.550	U	4.200		NS	
	13-Apr-12	NS		0.270	U	NS		NS		0.270	U	NS		0.270	U	0.270	U	0.270	U	NS		0.270	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.400	U	NS	
	23-Jun-12	0.550	U	NS		0.550	U	0.550	U	NS		0.500	U	NS		NS		0.550	U	0.550	U	NS	
	1-Nov-12	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	1-Feb-13	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
Trichloroethene*	8-Feb-08	0.120		NS		NS		NS		0.110	U	NS		NS		NS		0.200		19.600		NS	
	27-Mar-08	NS		0.107	U	NS		NS		NS		0.152		NS		NS		NS		13.400		5.340	
	25-Apr-08	NS		NS		0.199		NS		NS		NS		1.350		NS		0.668		NS		3.390	
	29-May-08	NS		NS		NS		26.500		NS		NS		NS		0.150		0.370		13.600		NS	
	27-Jun-08	0.408		NS		NS		NS		258.000		NS		NS		NS		NS		13.600		6.560	
	31-Jul-08	NS		1.240		NS		NS		NS		NS		NS		NS		0.126		NS		3.260	
	28-Aug-08	NS		NS		0.558		NS		NS		NS		3.560		NS		0.432		18.400		NS	
	30-Sep-08	NS		NS		NS		56.200		NS		NS		NS		0.800	U	NS		22.700		3.950	
	27-Oct-08	0.800	U	NS		NS		NS		117.000		NS		NS		NS		2.990		NS		0.800	U
	25-Nov-08	NS		2.920		NS		NS		NS		1.890		NS		NS		0.540	U	39.800		NS	
	18-Dec-08	NS		NS		0.540	U	NS		NS		NS		0.540	U	NS		NS		4.560		2.480	
	21-Jan-09	NS		NS		NS		19.600		NS		NS		NS		0.540	U	0.540	U	NS		4.990	
	25-Feb-09	0.440		NS		NS		NS		99.500		NS		NS		NS		0.560		10.700		NS	
	26-Mar-09	NS		9.200		NS		NS		NS		3.880		NS		NS		NS		25.100		5.490	
	29-Apr-09	NS		NS		0.220		NS		NS		NS		1.200		NS		0.392		NS		2.960	
	22-Jul-09	0.537	U	NS		0.537	U	12.700		NS		3.190		NS		NS		0.354		10.300		NS	
	9-Oct-09	NS		0.091	U	NS		NS		26.000		NS		1.240		22.400	U	0.182		NS		3.260	
	15-Jan-10	0.591		NS		0.242		17.700		NS		0.172		NS		NS		0.107	U	18.500		NS	
	21-Apr-10	NS		0.107	U	NS		NS		34.000		NS		0.940		0.537	U	0.891		NS		2.010	
	16-Jul-10	0.333		NS		0.333		8.140		NS		0.811	U	NS		NS		0.107		27.800		NS	
	15-Oct-10	NS		2.260		NS		NS		129.000		NS		1.920		0.177		0.317		NS		1.300	
	26-Jan-11	1.070	U	1.630		NS		9.940		NS		0.537	U	NS		0.617		1.230		27.100		NS	
	28-Feb-11	NS		NS		1.070	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.231		NS		NS		78.100		NS		0.891		0.107	U	0.107	U	NS		1.560	
	26-Jul-11	1.180		NS		0.358	U	29.600		NS		10.500		NS		NS		0.247		20.500		NS	
	28-Oct-11	NS		2.700	U	NS		NS		110.000		NS		2.700	U	2.700	U	2.700	U	NS		2.700	U
	23-Jan-12	0.880		NS		0.540	U	6.800		NS		7.800		NS		NS		0.540	U	44.000		NS	
	13-Apr-12	NS		0.270	U	NS		NS		83.000		NS		1.500		0.270	U	0.270	U	NS		4.100	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		32.000		NS	
	23-Jun-12	1.100		NS		0.540	U	92.000		NS		0.750		NS		NS		0.540	U	35.000		NS	
	1-Nov-12	NS		2.400		NS		NS		92.000		NS		1.900		0.320		0.280		NS		6.900	
	1-Feb-13	0.850		NS		0.064		21.000		NS		5.600		NS		NS		0.077		20.000		NS	
Trichlorofluoromethane	8-Feb-08	1.220		NS		NS		NS		1.220		NS		NS		NS		1.060		15.900		NS	
	27-Mar-08	NS		1.270		NS		NS		NS		1.180		NS		NS		NS		12.000		9.020	
	25-Apr-08	NS		NS		1.180		NS		NS		NS		5.200		NS		1.660		NS		3.830	
	29-May-08	NS		NS		NS		33.500		NS		NS		NS		0.980		1.050		10.600		NS	
	27-Jun-08	1.290		NS		NS		NS		75.200		NS		NS		NS		NS		8.850		8.890	
	31-Jul-08	NS		1.010		NS		NS		NS		NS		NS		NS		0.958		NS		5.100	
	28-Aug-08	NS		NS		2.530		NS		NS		NS		18.000		NS		1.790		15.600		NS	
	30-Sep-08	NS		NS		NS		53.800		NS		NS		NS		2.800	U	NS		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		NS		NS		NS		12.200		NS		NS		2.800	U	34.000		NS	
	18-Dec-08	NS		NS		2.800	U	NS		NS		NS		4.900		NS		NS		4.800		7.100	
	21-Jan-09	NS		NS		NS		26.900		NS		NS		NS		7.200		2.800	U	NS		10.400	
	25-Feb-09	2.800	U	NS		NS		NS		14.800		NS		NS		NS		2.800	U	7.100		NS	
	26-Mar-09	NS		1.430		NS		NS		NS		2.810	U	NS		NS		NS		19.600		10.300	
	29-Apr-09	NS		NS		1.450		NS		NS		NS		4.230		NS		1.270		NS		3.170	
	22-Jul-09	1.460		NS		1.460		19.900		NS		3.420		NS		NS		1.280		6.460		NS	
	9-Oct-09	NS		0.156		NS		NS		20.000		NS		11.000		58.600	U	1.65		NS		9.320	
	15-Jan-10	1.390		NS		2.100		16.600		NS		1.780		NS		NS		1.340		15.400		NS	
	21-Apr-10	NS		0.466		NS		NS		10.100		NS		4.830		1.400	U	4.950		NS		5.470	
	16-Jul-10	2.600		NS		1.840		16.400		NS		2.120	U	NS		NS		2.230		19.800		NS	
	15-Oct-10	NS		9.630		NS		NS		72.200		NS		13.700		5.650		9.850		NS		10.000	
	26-Jan-11	2.810	U	1.160		NS		13.800		NS		1.400	U	NS		1.400	U	1.710		26.000		NS	
	28-Feb-11	NS		NS		2.810	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.120		NS		NS		12.800		NS		3.240		1.270		1.170		NS		2.530	
	26-Jul-11	4.270		NS		1.310		41.200	U	NS		15.300		NS		NS		1.620		10.000		NS	
	28-Oct-11	NS		2.800	U	NS		NS		30.000		NS		5.100		2.800	U	2.900		NS		4.200	
	23-Jan-12	2.100		NS		1.500		28.000		NS		29.000		NS		NS		1.400		16.000		NS	
	13-Apr-12	NS		1.900		NS		NS		15.000		NS		6.400		2.100		2.000		NS		8.800	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		21.000		NS	
	23-Jun-12	2.400		NS		1.100		85.000		NS		2.200		NS		NS		1.200		15.000		NS	
	1-Nov-12	NS		3.300		NS		NS		33.000		NS		6.700		1.200		1.200		NS		7.200	
	1-Feb-13	2.100		NS		1.600		15.000		NS		17.000		NS		NS		1.600		5.600		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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	8-Feb-08	0.210		NS		NS		NS		0.230		NS		NS		NS		0.690		1.930		NS	
	27-Mar-08	NS		0.304		NS		NS		NS		0.152		NS		NS		NS		0.958		0.681	
	25-Apr-08	NS		NS		1.720		NS		NS		NS		0.644		NS		0.517		NS		0.338	
	29-May-08	NS		NS		NS		0.600		NS		NS		NS		1.000		1.260		0.480		NS	
	27-Jun-08	7.460		NS		NS		NS		1.150		NS		NS		NS		NS		0.638		0.736	
	31-Jul-08	NS		1.860		NS		NS		NS		NS		NS		NS		0.885		NS		0.685	
	28-Aug-08	NS		NS		0.838		NS		NS		NS		NS		NS		0.669		0.653		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		6.200		2.900		NS	
	26-Mar-09	NS		0.491	U	NS		NS		NS		0.982	U	NS		NS		NS		1.090		1.550	
	29-Apr-09	NS		NS		0.265		NS		NS		NS		0.378		NS		0.707		NS		0.801	
	22-Jul-09	3.490		NS		20.000	U	0.982	U	NS		0.737		NS		NS		56.400		0.860		NS	
	9-Oct-09	NS		0.707		NS		NS		0.781		NS		0.648		20.500	U	1.360		NS		0.584	
	15-Jan-10	2.870		NS		0.354		0.290		NS		0.314		NS		NS		1.060		1.170		NS	
	21-Apr-10	NS		0.211		NS		NS		0.933		NS		1.420		1.130		0.653		NS		0.702	
	16-Jul-10	8.300		NS		8.230		8.090		NS		6.270		NS		NS		4.280		5.050		NS	
	15-Oct-10	NS		1.290		NS		NS		1.610		NS		1.100		1.380		1.860		NS		2.350	
	26-Jan-11	1.230		1.400		NS		1.600		NS		0.491	U	NS		1.350		6.930		10.400		NS	
	28-Feb-11	NS		NS		0.982	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.845		NS		NS		0.855		NS		1.240		1.060		2.060		NS		1.090	
	26-Jul-11	1.290		NS		2.670		0.610		NS		0.541		NS		NS		2.480		0.541		NS	
	28-Oct-11	NS		2.500	U	NS		NS		2.500	U	NS		2.500	U	2.500	U	3.700		NS		3.100	
	23-Jan-12	3.000		NS		0.760		0.490	U	NS		0.710		NS		NS		2.700		2.800		NS	
	13-Apr-12	NS		0.490	U	NS		NS		0.490	U	NS		0.490	U	1.100		3.900		NS		1.300	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.500	U	NS	
	23-Jun-12	4.100		NS		1.300		1.200		NS		1.100		NS		NS		2.100		1.100		NS	
	1-Nov-12	NS		1.700		NS		NS		2.500		NS		3.100		3.000		3.200		NS		3.300	
	1-Feb-13	1.200		NS		0.230		0.210		NS		0.300		NS		NS		1.000		0.860		NS	
1,3,5-Trimethylbenzene	8-Feb-08	0.100	U	NS		NS		NS		0.100	U	NS		NS		NS		0.470		0.660		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		1.600		NS		NS		NS		0.228		NS		0.192		NS		0.134	
	29-May-08	NS		NS		NS		0.180		NS		NS		NS		0.320		0.430		0.150		NS	
	27-Jun-08	5.160		NS		NS		NS		0.463		NS		NS		NS		NS		0.236		0.250	
	31-Jul-08	NS		0.713		NS		NS		NS		NS		NS		NS		0.276		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	7.800		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	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	9.100		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		0.425	
	29-Apr-09	NS		NS		0.147		NS		NS		NS		0.128		NS		0.211		NS		0.241	
	22-Jul-09	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	0.388		NS		0.226	
	15-Jan-10	2.150		NS		0.118		0.098	U	NS		0.108		NS		NS		0.290		0.334		NS	
	21-Apr-10	NS		0.098	U	NS		NS		0.491	U	NS		0.491	U	0.491	U	0.177		NS		0.206	
	16-Jul-10	2.760		NS		1.880		1.810		NS		1.670		NS		NS		1.080		1.250		NS	
	15-Oct-10	NS		0.418		NS		NS		0.383		NS		0.275		0.324		0.545		NS		0.540	
	26-Jan-11	0.982	U	0.437		NS		0.472		NS		0.491	U	NS		0.491	U	1.990		2.870		NS	
	28-Feb-11	NS		NS		0.982	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.255		NS		NS		0.270		NS		0.368		0.329		0.599		NS		0.354	
	26-Jul-11	0.688		NS		0.885		0.182		NS		0.492	U	NS		NS		0.664		0.492	U	NS	
	28-Oct-11	NS		2.500	U	NS		NS		2.500	U	NS		2.500	U	2.500	U	2.500	U	NS		2.500	U
	23-Jan-12	0.990		NS		0.490	U	0.490	U	NS		0.490	U	NS		NS		0.710		0.830		NS	
	13-Apr-12	NS		0.490	U	NS		NS		0.490	U	NS		0.490	U	0.490	U	1.100		NS		0.490	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.500	U	NS	
	23-Jun-12	1.600		NS		0.490	U	0.490	U	NS		0.490	U	NS		NS		0.490		0.490	U	NS	
	1-Nov-12	NS		0.250		NS		NS		0.390		NS		0.530		0.500		0.560		NS		0.630	
	1-Feb-13	0.420		NS		0.098	U	0.098	U	NS		0.098	U	NS		NS		0.300		0.240		NS	
Vinyl chloride*	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		0.051	U	NS		NS		NS		0.051	U	NS		NS		NS		0.051	U	0.051	U
	25-Apr-08	NS		NS		0.051	U	NS		NS		NS		0.750		NS		0.051	U	NS		0.051	U
	29-May-08	NS		NS		NS		0.050	U	NS		NS		NS		0.050	U	0.050	U	0.050	U	NS	
	27-Jun-08	0.080	U	NS		NS		NS		0.051	U	NS		NS		NS		NS		0.051	U	0.051	U
	31-Jul-08	NS		0.051	U	NS		NS		NS		NS		NS		NS		0.051	U	NS		0.051	U
	28-Aug-08	NS		NS		0.051	U	NS		NS		NS		0.051	U	NS		0.051	U	0.051	U	NS	
	30-Sep-08	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	NS		0.100		0.100	U
	27-Oct-08	0.100	U	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	NS		0.100	U
	25-Nov-08	NS		0.100	U	NS		NS		NS		0.100	U	NS		NS		0.100	U	0.100	U	NS	
	18-Dec-08	NS		NS		0.100	U	NS		NS		NS		0.100	U	NS		NS		0.100	U	0.100	U
	21-Jan-09	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	0.100	U	NS		0.100	U
	25-Feb-09	0.100	U	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	0.100	U	NS	
	26-Mar-09	NS		0.255	U	NS		NS		NS		0.511	U	NS		NS		NS		0.051	U	0.051	U
	29-Apr-09	NS		NS		0.061		NS		NS		NS		0.051	U	NS		0.051	U	NS		0.051	U
	22-Jul-09	0.255	U	NS		0.255	U	0.511	U	NS		0.255	U	NS		NS		0.051	U	0.051	U	NS	
	9-Oct-09	NS		1.720		NS		NS		0.051	U	NS		0.102		10.700	U	0.051	U	NS		0.051	U
	15-Jan-10	0.051	U	NS		0.061		0.051	U	NS		0.051	U	NS		NS		0.051	U	0.051	U	NS	
	21-Apr-10	NS		0.051	U	NS		NS		0.255	U	NS		0.256	U	0.255	U	0.051	U	NS		0.051	U
	16-Jul-10	0.051	U	NS		1.980		0.051	U	NS		0.386	U	NS		NS		0.051	U	0.051	U	NS	
	15-Oct-10	NS		0.051	U	NS		NS		0.051	U	NS		0.051	U	0.051	U	0.051	U	NS		0.051	U
	26-Jan-11	0.511	U	0.051	U	NS		0.051	U	NS		0.255	U	NS		0.255	U	0.255	U	0.255	U	NS	
	28-Feb-11	NS		NS		0.511	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.051	U	NS		NS		0.051	U	NS		0.051	U	0.051	U	0.051	U	NS		0.051	U
	26-Jul-11	0.170	U	NS		0.170	U	0.051	U	NS		0.256	U	NS		NS		0.051	U	0.256		NS	
	28-Oct-11	NS		1.300	U	NS		NS		1.300	U	NS		1.300	U	1.300	U	1.300	U	NS		1.300	U
	23-Jan-12	0.260	U	NS		0.260	U	0.260	U	NS		0.260	U	NS		NS		0.260	U	0.260	U	NS	
	13-Apr-12	NS		0.130	U	NS		NS		0.130	U	NS		0.130	U	0.130	U	0.130	U	NS		0.130	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.640	U	NS	
	23-Jun-12	0.260	U	NS		0.260	U	0.260	U	NS		0.260	U	NS		NS		0.260	U	0.260	U	NS	
	1-Nov-12	NS		0.026	U	NS		NS		0.026	U	NS		0.026	U	0.026	U	0.026	U	NS		0.026	U
	1-Feb-13	0.065		NS		0.026	U	0.026	U	NS		0.026	U	NS		NS		0.026	U	0.026	U	NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 2013

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
p/m-Xylene	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		0.389		NS		NS		NS		2.170		1.330	
	25-Apr-08	NS		NS		0.815		NS		NS		NS		0.970		NS		2.540		NS		1.810	
	29-May-08	NS		NS		NS		5.000		NS		NS		NS		7.580		10.100		3.340		NS	
	27-Jun-08	12.600		NS		NS		NS		1.500		NS		NS		NS		NS		1.910		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		1.440		NS		2.130		1.940		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	41.600		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	37.600		NS		NS		NS		4.300	U	NS		NS		NS		8.000		9.300		NS	
	26-Mar-09	NS		1.350		NS		NS		NS		1.740	U	NS		NS		NS		2.590		3.560	
	29-Apr-09	NS		NS		0.468		NS		NS		NS		0.516		NS		0.933		NS		1.060	
	22-Jul-09	25.600		NS		25.600		1.740	U	NS		3.880		NS		NS		165.000		3.520		NS	
	9-Oct-09	NS		1.620		NS		NS		1.630		NS		0.915		36.200	U	1.740		NS		1.700	
	15-Jan-10	18.400		NS		1.520		1.480		NS		1.760		NS		NS		2.350		2.650		NS	
	21-Apr-10	NS		0.703		NS		NS		3.280		NS		4.580		4.340		6.220		NS		4.770	
	16-Jul-10	21.800		NS		7.010		6.360		NS		4.820		NS		NS		4.950		4.910		NS	
	15-Oct-10	NS		1.810		NS		NS		2.180		NS		1.700		1.880		3.400		NS		2.880	
	26-Jan-11	3.080		4.240		NS		4.370		NS		3.060		NS		3.170		11.500		13.600		NS	
	28-Feb-11	NS		NS		1.740	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.694		NS		NS		0.707		NS		0.889		1.150		1.090		NS		1.440	
	26-Jul-11	9.990		NS		3.960		1.020		NS		0.999		NS		NS		0.956		1.260		NS	
	28-Oct-11	NS		4.300	U	NS		NS		4.300	U	NS		4.300	U	4.300	U	9.800		NS		4.300	U
	23-Jan-12	7.900		NS		2.000		1.300		NS		2.000		NS		NS		4.400		14.000		NS	
	13-Apr-12	NS		0.870	U	NS		NS		0.870	U	NS		0.870	U	0.870		3.600		NS		1.100	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		4.300	U	NS	
	23-Jun-12	12.000		NS		1.100		0.870	U	NS		0.940		NS		NS		1.700		1.100		NS	
	1-Nov-12	NS		2.100		NS		NS		2.400		NS		3.300		2.900		3.600		NS		5.300	
	1-Feb-13	3.400		NS		0.440		0.380		NS		0.590		NS		NS		1.500		1.400		NS	
o-Xylene	8-Feb-08	0.200		NS		NS		NS		0.230		NS		NS		NS		0.480		7.730		NS	
	27-Mar-08	NS		0.273		NS		NS		NS		0.142		NS		NS		NS		0.844		0.478	
	25-Apr-08	NS		NS		0.370		NS		NS		NS		0.406		NS		0.735		NS		0.620	
	29-May-08	NS		NS		NS		1.480		NS		NS		NS		2.260		2.840		1.020		NS	
	27-Jun-08	4.120		NS		NS		NS		0.550		NS		NS		NS		NS		0.672		0.794	
	31-Jul-08	NS		0.835		NS		NS		NS		NS		NS		NS		0.748		NS		0.564	
	28-Aug-08	NS		NS		0.804		NS		NS		NS		0.511		NS		0.797		0.725		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	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	8.900		NS		NS		NS		2.200	U	NS		NS		NS		2.200		3.200		NS	
	26-Mar-09	NS		0.486		NS		NS		NS		0.868	U	NS		NS		NS		0.922		1.280	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.208		NS		0.369		NS		0.499	
	22-Jul-09	5.340		NS		5.340		0.868	U	NS		1.390		NS		NS		72.700		1.270		NS	
	9-Oct-09	NS		0.542		NS		NS		0.586		NS		0.343		18.100	U	0.629		NS		0.616	
	15-Jan-10	4.510		NS		0.490		0.490		NS		0.560		NS		NS		0.833		0.846		NS	
	21-Apr-10	NS		0.256		NS		NS		1.170		NS		1.560		1.410		1.240		NS		1.140	
	16-Jul-10	5.070		NS		2.840		2.630		NS		2.100		NS		NS		1.880		2.050		NS	
	15-Oct-10	NS		0.672		NS		NS		0.837		NS		0.659		0.729		1.220		NS		1.140	
	26-Jan-11	1.080		1.500		NS		1.540		NS		1.110		NS		1.150		4.320		5.160		NS	
	28-Feb-11	NS		NS		0.868	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.286		NS		NS		0.286		NS		0.369		0.456		0.451		NS		0.551	
	26-Jul-11	1.870		NS		1.450		0.334		NS		0.434	U	NS		NS		0.365		0.434		NS	
	28-Oct-11	NS		2.200	U	NS		NS		2.200	U	NS		2.200	U	2.200	U	3.300		NS		2.200	U
	23-Jan-12	2.300		NS		0.760		0.540		NS		0.790		NS		NS		1.700		4.600		NS	
	13-Apr-12	NS		0.430	U	NS		NS		0.430	U	NS		0.430	U	0.430	U	1.400		NS		0.430	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.200	U	NS	
	23-Jun-12	3.000		NS		0.430	U	0.430	U	NS		0.430	U	NS		NS		0.590		0.440		NS	
	1-Nov-12	NS		0.720		NS		NS		0.850		NS		1.100		1.100		1.300		NS		1.800	
	1-Feb-13	1.000		NS		0.190		0.170		NS		0.240		NS		NS		0.640		0.520		NS	

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

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

February 13, 2013

Ron Mack
EA Engineering Science & Tech. - RI
2374 Post Road, Suite 102
Warwick, RI 02886

Project Location: Alvarez High School
Client Job Number:
Project Number: 14687.01
Laboratory Work Order Number: 13B0100

Enclosed are results of analyses for samples received by the laboratory on February 4, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

EA Engineering Science & Tech. - RI
2374 Post Road, Suite 102
Warwick, RI 02886
ATTN: Ron Mack

REPORT DATE: 2/13/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 14687.01

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13B0100

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Alvarez High School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MP-1	13B0100-01	Sub Slab		EPA TO-15	
MP-3	13B0100-02	Sub Slab		EPA TO-15	
MP-4	13B0100-03	Sub Slab		EPA TO-15	
MP-6	13B0100-04	Sub Slab		EPA TO-15	
IMP-1	13B0100-05	Sub Slab		EPA TO-15	
IMP-2	13B0100-06	Sub Slab		EPA TO-15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

1,1,1,2-Tetrachloroethane, Acrylonitrile, Isopropylbenzene (Cumene), n-Butylbenzene, p-Isopropyltoluene (p-Cymene), sec-Butylbenzene

B067566-BS1

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK)

13B0100-01[MP-1], 13B0100-02[MP-3], 13B0100-03[MP-4], 13B0100-04[MP-6], 13B0100-05[IMP-1], 13B0100-06[IMP-2], B067566-BLK1, B067566-BS1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

4-Methyl-2-pentanone (MIBK)

13B0100-01[MP-1], 13B0100-02[MP-3], 13B0100-03[MP-4], 13B0100-04[MP-6], 13B0100-05[IMP-1], 13B0100-06[IMP-2], B067566-BLK1, B067566-BS1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Acetone, Acrylonitrile, n-Butylbenzene, p-Isopropyltoluene (p-Cymene), sec-Butylbenzene

13B0100-01[MP-1], 13B0100-02[MP-3], 13B0100-03[MP-4], 13B0100-04[MP-6], 13B0100-05[IMP-1], 13B0100-06[IMP-2], B067566-BS1

EPA TO-15

Initial and continuing calibrations met all required performance standards for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative.

Laboratory control sample recoveries and sample replicate RPDs were all within limits specified by the method for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative. Recovery limits of 50-150% are used for propene, acetone, ethanol, isopropanol, ethyl acetate, tetrahydrofuran, cyclohexane, heptane, 2-hexanone, 4-ethyltoluene, n-butylbenzene, sec-butylbenzene, 4-isopropyltoluene, and 1,1,1,2-tetrachloroethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-1
Sample ID: 13B0100-01
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:03

Sample Description/Location:
Sub Description/Location:
Canister ID: 1857
Canister Size: 6 liter
Flow Controller ID: 4073
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	7.1	0.80	V-06	17	1.9	0.4	2/6/13 3:29	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 3:29	TPH
Benzene	0.10	0.020		0.33	0.064	0.4	2/6/13 3:29	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 3:29	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 3:29	TPH
2-Butanone (MEK)	12	0.80		36	2.4	0.4	2/6/13 3:29	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 3:29	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 3:29	TPH
Carbon Tetrachloride	0.070	0.010		0.44	0.063	0.4	2/6/13 3:29	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 3:29	TPH
Chloroethane	0.031	0.020		0.082	0.053	0.4	2/6/13 3:29	TPH
Chloroform	0.030	0.010		0.14	0.049	0.4	2/6/13 3:29	TPH
Chloromethane	0.24	0.020		0.50	0.041	0.4	2/6/13 3:29	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 3:29	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 3:29	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 3:29	TPH
1,3-Dichlorobenzene	0.030	0.020		0.18	0.12	0.4	2/6/13 3:29	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 3:29	TPH
Dichlorodifluoromethane (Freon 12)	0.29	0.020		1.4	0.099	0.4	2/6/13 3:29	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 3:29	TPH
1,2-Dichloroethane	0.013	0.010		0.053	0.040	0.4	2/6/13 3:29	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 3:29	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 3:29	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 3:29	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 3:29	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 3:29	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 3:29	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 3:29	TPH
Ethylbenzene	0.31	0.020		1.3	0.087	0.4	2/6/13 3:29	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 3:29	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 3:29	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 3:29	TPH
Methylene Chloride	0.59	0.20		2.0	0.69	0.4	2/6/13 3:29	TPH
4-Methyl-2-pentanone (MIBK)	0.030	0.020	L-03, V-05	0.12	0.082	0.4	2/6/13 3:29	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/6/13 3:29	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 3:29	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/6/13 3:29	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-1
Sample ID: 13B0100-01
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:03

Sample Description/Location:
Sub Description/Location:
Canister ID: 1857
Canister Size: 6 liter
Flow Controller ID: 4073
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.27	0.010		1.8	0.068	0.4	2/6/13 3:29	TPH
Toluene	0.63	0.020		2.4	0.075	0.4	2/6/13 3:29	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 3:29	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 3:29	TPH
Trichloroethylene	0.16	0.010		0.85	0.054	0.4	2/6/13 3:29	TPH
Trichlorofluoromethane (Freon 11)	0.38	0.020		2.1	0.11	0.4	2/6/13 3:29	TPH
1,2,4-Trimethylbenzene	0.24	0.020		1.2	0.098	0.4	2/6/13 3:29	TPH
1,3,5-Trimethylbenzene	0.086	0.020		0.42	0.098	0.4	2/6/13 3:29	TPH
Vinyl Chloride	0.026	0.010		0.065	0.026	0.4	2/6/13 3:29	TPH
m&p-Xylene	0.78	0.040		3.4	0.17	0.4	2/6/13 3:29	TPH
o-Xylene	0.23	0.020		1.00	0.087	0.4	2/6/13 3:29	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	117	70-130	2/6/13 3:29
4-Bromofluorobenzene (2)	120	70-130	2/6/13 3:29

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-3
Sample ID: 13B0100-02
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:08

Sample Description/Location:
Sub Description/Location:
Canister ID: 1059
Canister Size: 6 liter
Flow Controller ID: 4072
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	4.9	0.80	V-06	12	1.9	0.4	2/6/13 4:20	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 4:20	TPH
Benzene	0.14	0.020		0.45	0.064	0.4	2/6/13 4:20	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 4:20	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 4:20	TPH
2-Butanone (MEK)	1.7	0.80		4.9	2.4	0.4	2/6/13 4:20	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 4:20	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 4:20	TPH
Carbon Tetrachloride	0.069	0.010		0.43	0.063	0.4	2/6/13 4:20	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 4:20	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/6/13 4:20	TPH
Chloroform	0.095	0.010		0.46	0.049	0.4	2/6/13 4:20	TPH
Chloromethane	0.88	0.020		1.8	0.041	0.4	2/6/13 4:20	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 4:20	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 4:20	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 4:20	TPH
1,3-Dichlorobenzene	0.057	0.020		0.34	0.12	0.4	2/6/13 4:20	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 4:20	TPH
Dichlorodifluoromethane (Freon 12)	0.29	0.020		1.4	0.099	0.4	2/6/13 4:20	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 4:20	TPH
1,2-Dichloroethane	0.015	0.010		0.062	0.040	0.4	2/6/13 4:20	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 4:20	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 4:20	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 4:20	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 4:20	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 4:20	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 4:20	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 4:20	TPH
Ethylbenzene	0.042	0.020		0.18	0.087	0.4	2/6/13 4:20	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 4:20	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 4:20	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 4:20	TPH
Methylene Chloride	0.27	0.20		0.93	0.69	0.4	2/6/13 4:20	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.020	L-03, V-05	ND	0.082	0.4	2/6/13 4:20	TPH
Styrene	0.020	0.020		0.085	0.085	0.4	2/6/13 4:20	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 4:20	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/6/13 4:20	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-3
Sample ID: 13B0100-02
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:08

Sample Description/Location:
Sub Description/Location:
Canister ID: 1059
Canister Size: 6 liter
Flow Controller ID: 4072
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.11	0.010		0.76	0.068	0.4	2/6/13 4:20	TPH
Toluene	0.18	0.020		0.69	0.075	0.4	2/6/13 4:20	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 4:20	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 4:20	TPH
Trichloroethylene	0.012	0.010		0.064	0.054	0.4	2/6/13 4:20	TPH
Trichlorofluoromethane (Freon 11)	0.29	0.020		1.6	0.11	0.4	2/6/13 4:20	TPH
1,2,4-Trimethylbenzene	0.047	0.020		0.23	0.098	0.4	2/6/13 4:20	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/6/13 4:20	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/6/13 4:20	TPH
m&p-Xylene	0.10	0.040		0.44	0.17	0.4	2/6/13 4:20	TPH
o-Xylene	0.043	0.020		0.19	0.087	0.4	2/6/13 4:20	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	118	70-130	2/6/13 4:20
4-Bromofluorobenzene (2)	122	70-130	2/6/13 4:20

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-4
Sample ID: 13B0100-03
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:23

Sample Description/Location:
Sub Description/Location:
Canister ID: 1090
Canister Size: 6 liter
Flow Controller ID: 4083
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv			ug/m3			Date/Time	
Analyte	Results	RL	Flag	Results	RL	Dilution	Analyzed	Analyst
Acetone	10	0.80	V-06	25	1.9	0.4	2/6/13 5:09	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 5:09	TPH
Benzene	0.15	0.020		0.47	0.064	0.4	2/6/13 5:09	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 5:09	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 5:09	TPH
2-Butanone (MEK)	5.4	0.80		16	2.4	0.4	2/6/13 5:09	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 5:09	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 5:09	TPH
Carbon Tetrachloride	0.062	0.010		0.39	0.063	0.4	2/6/13 5:09	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 5:09	TPH
Chloroethane	0.042	0.020		0.11	0.053	0.4	2/6/13 5:09	TPH
Chloroform	0.031	0.010		0.15	0.049	0.4	2/6/13 5:09	TPH
Chloromethane	0.99	0.020		2.1	0.041	0.4	2/6/13 5:09	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 5:09	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 5:09	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 5:09	TPH
1,3-Dichlorobenzene	0.094	0.020		0.56	0.12	0.4	2/6/13 5:09	TPH
1,4-Dichlorobenzene	0.067	0.020		0.40	0.12	0.4	2/6/13 5:09	TPH
Dichlorodifluoromethane (Freon 12)	0.30	0.020		1.5	0.099	0.4	2/6/13 5:09	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 5:09	TPH
1,2-Dichloroethane	0.015	0.010		0.062	0.040	0.4	2/6/13 5:09	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 5:09	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 5:09	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 5:09	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 5:09	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 5:09	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 5:09	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 5:09	TPH
Ethylbenzene	0.034	0.020		0.15	0.087	0.4	2/6/13 5:09	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 5:09	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 5:09	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 5:09	TPH
Methylene Chloride	0.47	0.20		1.6	0.69	0.4	2/6/13 5:09	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.020	L-03, V-05	ND	0.082	0.4	2/6/13 5:09	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/6/13 5:09	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 5:09	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/6/13 5:09	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-4
Sample ID: 13B0100-03
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:23

Sample Description/Location:
Sub Description/Location:
Canister ID: 1090
Canister Size: 6 liter
Flow Controller ID: 4083
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -3
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.15	0.010		0.99	0.068	0.4	2/6/13 5:09	TPH
Toluene	0.18	0.020		0.69	0.075	0.4	2/6/13 5:09	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 5:09	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 5:09	TPH
Trichloroethylene	3.9	0.010		21	0.054	0.4	2/6/13 5:09	TPH
Trichlorofluoromethane (Freon 11)	2.6	0.020		15	0.11	0.4	2/6/13 5:09	TPH
1,2,4-Trimethylbenzene	0.042	0.020		0.21	0.098	0.4	2/6/13 5:09	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/6/13 5:09	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/6/13 5:09	TPH
m&p-Xylene	0.088	0.040		0.38	0.17	0.4	2/6/13 5:09	TPH
o-Xylene	0.039	0.020		0.17	0.087	0.4	2/6/13 5:09	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	116	70-130	2/6/13 5:09
4-Bromofluorobenzene (2)	120	70-130	2/6/13 5:09

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-6
Sample ID: 13B0100-04
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:16

Sample Description/Location:
Sub Description/Location:
Canister ID: 1870
Canister Size: 6 liter
Flow Controller ID: 4188
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	15	0.80	V-06	36	1.9	0.4	2/6/13 5:59	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 5:59	TPH
Benzene	0.11	0.020		0.35	0.064	0.4	2/6/13 5:59	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 5:59	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 5:59	TPH
2-Butanone (MEK)	6.6	0.80		20	2.4	0.4	2/6/13 5:59	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 5:59	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 5:59	TPH
Carbon Tetrachloride	0.067	0.010		0.42	0.063	0.4	2/6/13 5:59	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 5:59	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/6/13 5:59	TPH
Chloroform	0.040	0.010		0.19	0.049	0.4	2/6/13 5:59	TPH
Chloromethane	0.090	0.020		0.19	0.041	0.4	2/6/13 5:59	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 5:59	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 5:59	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 5:59	TPH
1,3-Dichlorobenzene	0.074	0.020		0.44	0.12	0.4	2/6/13 5:59	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 5:59	TPH
Dichlorodifluoromethane (Freon 12)	0.31	0.020		1.6	0.099	0.4	2/6/13 5:59	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 5:59	TPH
1,2-Dichloroethane	0.012	0.010		0.050	0.040	0.4	2/6/13 5:59	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 5:59	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 5:59	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 5:59	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 5:59	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 5:59	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 5:59	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 5:59	TPH
Ethylbenzene	0.053	0.020		0.23	0.087	0.4	2/6/13 5:59	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 5:59	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 5:59	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 5:59	TPH
Methylene Chloride	0.31	0.20		1.1	0.69	0.4	2/6/13 5:59	TPH
4-Methyl-2-pentanone (MIBK)	0.023	0.020	L-03, V-05	0.095	0.082	0.4	2/6/13 5:59	TPH
Styrene	ND	0.020		ND	0.085	0.4	2/6/13 5:59	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 5:59	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/6/13 5:59	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: MP-6
Sample ID: 13B0100-04
Sample Matrix: Sub Slab
Sampled: 2/1/2013 11:16

Sample Description/Location:
Sub Description/Location:
Canister ID: 1870
Canister Size: 6 liter
Flow Controller ID: 4188
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.67	0.010		4.5	0.068	0.4	2/6/13 5:59	TPH
Toluene	0.19	0.020		0.71	0.075	0.4	2/6/13 5:59	TPH
1,1,1-Trichloroethane	0.15	0.010		0.83	0.055	0.4	2/6/13 5:59	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 5:59	TPH
Trichloroethylene	1.0	0.010		5.6	0.054	0.4	2/6/13 5:59	TPH
Trichlorofluoromethane (Freon 11)	3.0	0.020		17	0.11	0.4	2/6/13 5:59	TPH
1,2,4-Trimethylbenzene	0.062	0.020		0.30	0.098	0.4	2/6/13 5:59	TPH
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	2/6/13 5:59	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/6/13 5:59	TPH
m&p-Xylene	0.14	0.040		0.59	0.17	0.4	2/6/13 5:59	TPH
o-Xylene	0.056	0.020		0.24	0.087	0.4	2/6/13 5:59	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	116	70-130	2/6/13 5:59
4-Bromofluorobenzene (2)	118	70-130	2/6/13 5:59

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: IMP-1
Sample ID: 13B0100-05
Sample Matrix: Sub Slab
Sampled: 2/1/2013 10:22

Sample Description/Location:
Sub Description/Location:
Canister ID: 1108
Canister Size: 6 liter
Flow Controller ID: 4189
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -4
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	6.6	0.80	V-06	16	1.9	0.4	2/6/13 6:49	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 6:49	TPH
Benzene	0.14	0.020		0.45	0.064	0.4	2/6/13 6:49	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 6:49	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 6:49	TPH
2-Butanone (MEK)	0.81	0.80		2.4	2.4	0.4	2/6/13 6:49	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 6:49	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 6:49	TPH
Carbon Tetrachloride	0.078	0.010		0.49	0.063	0.4	2/6/13 6:49	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 6:49	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/6/13 6:49	TPH
Chloroform	0.023	0.010		0.11	0.049	0.4	2/6/13 6:49	TPH
Chloromethane	0.34	0.020		0.71	0.041	0.4	2/6/13 6:49	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 6:49	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 6:49	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 6:49	TPH
1,3-Dichlorobenzene	0.029	0.020		0.17	0.12	0.4	2/6/13 6:49	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 6:49	TPH
Dichlorodifluoromethane (Freon 12)	0.31	0.020		1.6	0.099	0.4	2/6/13 6:49	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 6:49	TPH
1,2-Dichloroethane	0.016	0.010		0.066	0.040	0.4	2/6/13 6:49	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 6:49	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 6:49	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 6:49	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 6:49	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 6:49	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 6:49	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 6:49	TPH
Ethylbenzene	0.12	0.020		0.54	0.087	0.4	2/6/13 6:49	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 6:49	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 6:49	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 6:49	TPH
Methylene Chloride	0.26	0.20		0.90	0.69	0.4	2/6/13 6:49	TPH
4-Methyl-2-pentanone (MIBK)	ND	0.020	L-03, V-05	ND	0.082	0.4	2/6/13 6:49	TPH
Styrene	0.053	0.020		0.22	0.085	0.4	2/6/13 6:49	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 6:49	TPH
1,1,2,2-Tetrachloroethane	0.017	0.010		0.12	0.069	0.4	2/6/13 6:49	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: IMP-1
Sample ID: 13B0100-05
Sample Matrix: Sub Slab
Sampled: 2/1/2013 10:22

Sample Description/Location:
Sub Description/Location:
Canister ID: 1108
Canister Size: 6 liter
Flow Controller ID: 4189
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -4
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	0.27	0.010		1.8	0.068	0.4	2/6/13 6:49	TPH
Toluene	0.37	0.020		1.4	0.075	0.4	2/6/13 6:49	TPH
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 6:49	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 6:49	TPH
Trichloroethylene	0.014	0.010		0.077	0.054	0.4	2/6/13 6:49	TPH
Trichlorofluoromethane (Freon 11)	0.28	0.020		1.6	0.11	0.4	2/6/13 6:49	TPH
1,2,4-Trimethylbenzene	0.21	0.020		1.0	0.098	0.4	2/6/13 6:49	TPH
1,3,5-Trimethylbenzene	0.062	0.020		0.30	0.098	0.4	2/6/13 6:49	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/6/13 6:49	TPH
m&p-Xylene	0.34	0.040		1.5	0.17	0.4	2/6/13 6:49	TPH
o-Xylene	0.15	0.020		0.64	0.087	0.4	2/6/13 6:49	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	114	70-130	2/6/13 6:49
4-Bromofluorobenzene (2)	117	70-130	2/6/13 6:49

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: IMP-2
Sample ID: 13B0100-06
Sample Matrix: Sub Slab
Sampled: 2/1/2013 08:43

Sample Description/Location:
Sub Description/Location:
Canister ID: 1123
Canister Size: 6 liter
Flow Controller ID: 4183
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	5.1	0.80	V-06	12	1.9	0.4	2/6/13 7:43	TPH
Acrylonitrile	ND	0.12		ND	0.25	0.4	2/6/13 7:43	TPH
Benzene	0.14	0.020		0.46	0.064	0.4	2/6/13 7:43	TPH
Bromodichloromethane	ND	0.010		ND	0.067	0.4	2/6/13 7:43	TPH
Bromoform	ND	0.020		ND	0.21	0.4	2/6/13 7:43	TPH
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	2/6/13 7:43	TPH
n-Butylbenzene	ND	0.058		ND	0.32	0.4	2/6/13 7:43	TPH
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	2/6/13 7:43	TPH
Carbon Tetrachloride	0.079	0.010		0.50	0.063	0.4	2/6/13 7:43	TPH
Chlorobenzene	ND	0.020		ND	0.092	0.4	2/6/13 7:43	TPH
Chloroethane	ND	0.020		ND	0.053	0.4	2/6/13 7:43	TPH
Chloroform	0.036	0.010		0.18	0.049	0.4	2/6/13 7:43	TPH
Chloromethane	0.35	0.020		0.72	0.041	0.4	2/6/13 7:43	TPH
Dibromochloromethane	ND	0.020		ND	0.17	0.4	2/6/13 7:43	TPH
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	2/6/13 7:43	TPH
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 7:43	TPH
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 7:43	TPH
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	2/6/13 7:43	TPH
Dichlorodifluoromethane (Freon 12)	0.32	0.020		1.6	0.099	0.4	2/6/13 7:43	TPH
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	2/6/13 7:43	TPH
1,2-Dichloroethane	0.012	0.010		0.049	0.040	0.4	2/6/13 7:43	TPH
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 7:43	TPH
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 7:43	TPH
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	2/6/13 7:43	TPH
1,2-Dichloropropane	ND	0.020		ND	0.092	0.4	2/6/13 7:43	TPH
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	2/6/13 7:43	TPH
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 7:43	TPH
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	2/6/13 7:43	TPH
Ethylbenzene	0.12	0.020		0.52	0.087	0.4	2/6/13 7:43	TPH
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	2/6/13 7:43	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	2/6/13 7:43	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	2/6/13 7:43	TPH
Methylene Chloride	0.62	0.20		2.1	0.69	0.4	2/6/13 7:43	TPH
4-Methyl-2-pentanone (MIBK)	0.072	0.020	L-03, V-05	0.29	0.082	0.4	2/6/13 7:43	TPH
Styrene	0.062	0.020		0.26	0.085	0.4	2/6/13 7:43	TPH
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	2/6/13 7:43	TPH
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	2/6/13 7:43	TPH

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 2/4/2013
Field Sample #: IMP-2
Sample ID: 13B0100-06
Sample Matrix: Sub Slab
Sampled: 2/1/2013 08:43

Sample Description/Location:
Sub Description/Location:
Canister ID: 1123
Canister Size: 6 liter
Flow Controller ID: 4183
Sample Type: 30 min

Work Order: 13B0100
Initial Vacuum(in Hg): -29
Final Vacuum(in Hg): -6
Receipt Vacuum(in Hg): -6
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Tetrachloroethylene	1.1	0.010		7.7	0.068	0.4	2/6/13 7:43	TPH
Toluene	0.42	0.020		1.6	0.075	0.4	2/6/13 7:43	TPH
1,1,1-Trichloroethane	0.042	0.010		0.23	0.055	0.4	2/6/13 7:43	TPH
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	2/6/13 7:43	TPH
Trichloroethylene	3.8	0.010		20	0.054	0.4	2/6/13 7:43	TPH
Trichlorofluoromethane (Freon 11)	0.99	0.020		5.6	0.11	0.4	2/6/13 7:43	TPH
1,2,4-Trimethylbenzene	0.17	0.020		0.86	0.098	0.4	2/6/13 7:43	TPH
1,3,5-Trimethylbenzene	0.049	0.020		0.24	0.098	0.4	2/6/13 7:43	TPH
Vinyl Chloride	ND	0.010		ND	0.026	0.4	2/6/13 7:43	TPH
m&p-Xylene	0.33	0.040		1.4	0.17	0.4	2/6/13 7:43	TPH
o-Xylene	0.12	0.020		0.52	0.087	0.4	2/6/13 7:43	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	116	70-130	2/6/13 7:43
4-Bromofluorobenzene (2)	117	70-130	2/6/13 7:43

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
13B0100-01 [MP-1]	B067566	1	1	N/A	1000	400	1000	02/05/13
13B0100-02 [MP-3]	B067566	1	1	N/A	1000	400	1000	02/05/13
13B0100-03 [MP-4]	B067566	1	1	N/A	1000	400	1000	02/05/13
13B0100-04 [MP-6]	B067566	1	1	N/A	1000	400	1000	02/05/13
13B0100-05 [IMP-1]	B067566	1	1	N/A	1000	400	1000	02/05/13
13B0100-06 [IMP-2]	B067566	1	1	N/A	1000	400	1000	02/05/13

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B067566 - TO-15 Prep											
Blank (B067566-BLK1)					Prepared & Analyzed: 02/05/13						
Acetone	ND	0.80									
Acrylonitrile	ND	0.12									
Benzene	ND	0.020									
Bromodichloromethane	ND	0.010									
Bromoform	ND	0.020									
2-Butanone (MEK)	ND	0.80									
n-Butylbenzene	ND	0.058									
sec-Butylbenzene	ND	0.046									
Carbon Tetrachloride	ND	0.010									
Chlorobenzene	ND	0.020									
Chloroethane	ND	0.020									
Chloroform	ND	0.010									
Chloromethane	ND	0.020									
Dibromochloromethane	ND	0.020									
1,2-Dibromoethane (EDB)	ND	0.010									
1,2-Dichlorobenzene	ND	0.020									
1,3-Dichlorobenzene	ND	0.020									
1,4-Dichlorobenzene	ND	0.020									
Dichlorodifluoromethane (Freon 12)	ND	0.020									
1,1-Dichloroethane	ND	0.010									
1,2-Dichloroethane	ND	0.020									
1,1-Dichloroethylene	ND	0.010									
cis-1,2-Dichloroethylene	ND	0.010									
trans-1,2-Dichloroethylene	ND	0.010									
1,2-Dichloropropane	ND	0.020									
1,3-Dichloropropane	ND	0.054									
cis-1,3-Dichloropropene	ND	0.010									
trans-1,3-Dichloropropene	ND	0.010									
Ethylbenzene	ND	0.020									
Isopropylbenzene (Cumene)	ND	0.051									
p-Isopropyltoluene (p-Cymene)	ND	0.046									
Methyl tert-Butyl Ether (MTBE)	ND	0.020									
Methylene Chloride	ND	0.20									
4-Methyl-2-pentanone (MIBK)	ND	0.020									L-03, V-05
Styrene	ND	0.020									
1,1,1,2-Tetrachloroethane	ND	0.036									
1,1,2,2-Tetrachloroethane	ND	0.010									
Tetrachloroethylene	ND	0.010									
Toluene	ND	0.020									
1,1,1-Trichloroethane	ND	0.010									
1,1,2-Trichloroethane	ND	0.010									
Trichloroethylene	ND	0.010									
Trichlorofluoromethane (Freon 11)	ND	0.020									
1,2,4-Trimethylbenzene	ND	0.020									
1,3,5-Trimethylbenzene	ND	0.020									
Vinyl Chloride	ND	0.010									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC		%REC Limits	RPD	RPD Limit	Flag
Batch B067566 - TO-15 Prep												
Blank (B067566-BLK1)					Prepared & Analyzed: 02/05/13							
m&p-Xylene	ND	0.040										
o-Xylene	ND	0.020										
Surrogate: 4-Bromofluorobenzene (1)	*9.00*				*8.00*		*113*		*70-130*			
Surrogate: 4-Bromofluorobenzene (2)	*8.44*				*8.00*		*105*		*70-130*			
LCS (B067566-BS1)					Prepared & Analyzed: 02/05/13							
Acetone	5.75				5.00		115		70-130			V-06
Acrylonitrile	6.64				2.88		**230**	*	70-130			L-01, V-06
Benzene	4.02				5.00		80.3		70-130			
Bromodichloromethane	4.60				5.00		91.9		70-130			
Bromoform	5.04				5.00		101		70-130			
2-Butanone (MEK)	4.27				5.00		85.5		70-130			
n-Butylbenzene	1.72				1.14		**151**	*	70-130			L-01, V-06
sec-Butylbenzene	1.71				1.14		**150**	*	70-130			L-01, V-06
Carbon Tetrachloride	4.78				5.00		95.5		70-130			
Chlorobenzene	4.65				5.00		93.1		70-130			
Chloroethane	5.96				5.00		119		70-130			
Chloroform	5.91				5.00		118		70-130			
Chloromethane	4.54				5.00		90.9		70-130			
Dibromochloromethane	4.72				5.00		94.5		70-130			
1,2-Dibromoethane (EDB)	4.41				5.00		88.3		70-130			
1,2-Dichlorobenzene	5.54				5.00		111		70-130			
1,3-Dichlorobenzene	5.43				5.00		109		70-130			
1,4-Dichlorobenzene	5.31				5.00		106		70-130			
Dichlorodifluoromethane (Freon 12)	5.55				5.00		111		70-130			
1,1-Dichloroethane	5.40				5.00		108		70-130			
1,2-Dichloroethane	5.31				5.00		106		70-130			
1,1-Dichloroethylene	4.94				5.00		98.8		70-130			
cis-1,2-Dichloroethylene	5.35				5.00		107		70-130			
trans-1,2-Dichloroethylene	5.07				5.00		101		70-130			
1,2-Dichloropropane	4.09				5.00		81.7		70-130			
1,3-Dichloropropane	1.74				1.35		129		70-130			
cis-1,3-Dichloropropene	4.68				5.00		93.7		70-130			
trans-1,3-Dichloropropene	4.43				5.00		88.7		70-130			
Ethylbenzene	4.44				5.00		88.9		70-130			
Isopropylbenzene (Cumene)	1.79				1.27		**141**	*	70-130			L-01
p-Isopropyltoluene (p-Cymene)	1.85				1.14		**162**	*	70-130			L-01, V-06
Methyl tert-Butyl Ether (MTBE)	5.70				5.00		114		70-130			
Methylene Chloride	4.50				5.00		90.1		70-130			
4-Methyl-2-pentanone (MIBK)	3.42				5.00		**68.4**	*	70-130			L-03, V-05
Styrene	4.75				5.00		95.1		70-130			
1,1,1,2-Tetrachloroethane	1.23				0.910		**135**	*	70-130			L-01
1,1,2,2-Tetrachloroethane	4.52				5.00		90.4		70-130			
Tetrachloroethylene	5.39				5.00		108		70-130			
Toluene	4.39				5.00		87.8		70-130			
1,1,1-Trichloroethane	4.54				5.00		90.8		70-130			
1,1,2-Trichloroethane	4.60				5.00		92.0		70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B067566 - TO-15 Prep											
LCS (B067566-BS1)					Prepared & Analyzed: 02/05/13						
Trichloroethylene	4.51				5.00		90.2	70-130			
Trichlorofluoromethane (Freon 11)	6.00				5.00		120	70-130			
1,2,4-Trimethylbenzene	4.87				5.00		97.5	70-130			
1,3,5-Trimethylbenzene	4.74				5.00		94.8	70-130			
Vinyl Chloride	5.18				5.00		104	70-130			
m&p-Xylene	8.96				10.0		89.6	70-130			
o-Xylene	4.52				5.00		90.4	70-130			
Surrogate: 4-Bromofluorobenzene (1)	*9.02*				*8.00*		*113*	*70-130*			
Surrogate: 4-Bromofluorobenzene (2)	*9.22*				*8.00*		*115*	*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY
Acrylonitrile	AIHA,NJ
Benzene	AIHA,FL,NJ,NY,VA
Bromodichloromethane	AIHA,NJ,NY,VA
Bromoform	AIHA,NJ,NY,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA
n-Butylbenzene	AIHA
sec-Butylbenzene	AIHA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloroform	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
Dibromochloromethane	AIHA,NY
1,2-Dibromoethane (EDB)	AIHA,NJ,NY
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
1,3-Dichloropropane	AIHA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA
trans-1,3-Dichloropropene	AIHA,NY
Ethylbenzene	AIHA,FL,NJ,NY,VA
Isopropylbenzene (Cumene)	AIHA,NJ,NY
p-Isopropyltoluene (p-Cymene)	AIHA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY
Styrene	AIHA,FL,NJ,NY,VA
1,1,1,2-Tetrachloroethane	AIHA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
o-Xylene	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com

AIR SAMPLE CHAIN OF CUSTODY RECORD

13B0100

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

Company Name: EA Engineering
Address: 2374 Post Rd, Suite 102
Warwick, RI 02886
Attention: Paul Theroux
Project Location: Alvarez HS, Providence, RI
Sampled By: PT, MR, HH

Telephone: (401) 736-3440
Project # 14687.01
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: ptheroux@eaest.com
Format: ☐ EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER___

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M^3/Min. or L/Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED TO-15 SIM	" Hg Initial pressure	" Hg Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Control ID
	MP-1	S	-01	2/1/13 1034	2/1/13 1103				SS	X	-29	-5	-4	1857	407
	MP-3		-02	2/1/13 1038	2/1/13 1108						-30	-5	-4	1059	4071
	MP-4		-03	2/1/13 1053	2/1/13 1123						-29	-5	-3	1090	4083
	MP-6		-04	2/1/13 1076	2/1/13 1116						-28	-5	-4	1870	4188
	IMP-1		-05	2/1/13 0952	2/1/13 1022						-29	-4	-4	1108	4189
	IMP-2		-06	2/1/13 0814	2/1/13 0843						-29	-6	-6	1123	4183

Please fill out completely, sign, da and retain the yellow copy for your record

Summa canisters ar flow controllers mus returned within 14 d of receipt or rental f will apply.

Summa canisters w retained for a minim of 14 days after sampling date prior cleaning.

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:
Paul Theroux	1025 2/4/13
Received by: (signature)	Date/Time:
[signature]	2/4/13 1025
Relinquished by: (signature)	Date/Time:
[signature]	2/4/13 1500
Received by: (signature)	Date/Time:
[signature]	2-4-13 1349

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

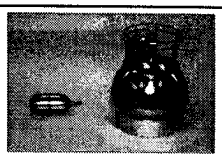
Special Requirements
Regulations:_____
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☐ Y ☐ N
(Surchage Applies)
Required Detection Limits: per contract
Other:_____

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

****Media Codes:**
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other_____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified



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AIR Only Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: EA ENGINEERING **RECEIVED BY:** UF **DATE:** 2-4-13

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) Are there any samples "On Hold"? Yes (No) Stored where: _____

5) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____

6) Location where samples are stored: AIR LAB

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of Containers	Types (Size, Duration)
Summa Cans	6	6L
Tedlar Bags		
Tubes		
Regulators	6	30 MIN
Restrictors		
Tubing		
Other		

Unused Summas:

Unused Regulators:

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:

1857 1059 1090 4073 4188
1870 1108 1123 4072 4189
4083 4183

APPENDIX E

Rooftop Emission Analytical Summary

Alvarez School - Sub Slab Depressurization System Emissions Calculations
20 July and 31 August 2012

Volatile Organic Compounds	ROOFTOP FAN 1				ROOFTOP FAN 2				ROOFTOP FAN 3				CUMULATIVE EMISSIONS (3 fans combined)		
	Measured Flow Speed (fpm): 2743		Measured Flow Rate (cfm): 134.6		Measured Flow Speed (fpm): 2095		Measured Flow Rate (cfm): 102.8		Measured Flow Speed (fpm): 2188		Measured Flow Rate (cfm): 107.4				
	Concentration (ug/m^3)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m^3)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m^3)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)
Acetone	23.00	1.16E-05	2.78E-04	1.01E-01	17.00	6.54E-06	1.57E-04	5.72E-02	48 U	1.93E-05	4.63E-04	1.69E-01	3.74E-05	8.97E-04	3.27E-01
Acrylonitrile	1.20 U	6.04E-07	1.45E-05	5.29E-03	1.20 U	4.61E-07	1.11E-05	4.04E-03	6.2 U	2.49E-06	5.97E-05	2.18E-02	3.55E-06	8.53E-05	3.11E-02
Benzene	0.38	1.91E-07	4.59E-06	1.68E-03	0.36	1.38E-07	3.32E-06	1.21E-03	1.6 U	6.42E-07	1.54E-05	5.63E-03	9.72E-07	2.33E-05	8.52E-03
Bromodichloromethane	0.67 U	3.37E-07	8.09E-06	2.95E-03	0.67 U	2.58E-07	6.18E-06	2.26E-03	3.4 U	1.37E-06	3.28E-05	1.20E-02	1.96E-06	4.70E-05	1.72E-02
Bromoform	1.00 U	5.03E-07	1.21E-05	4.41E-03	1.00 U	3.84E-07	9.23E-06	3.37E-03	5.2 U	2.09E-06	5.01E-05	1.83E-02	2.98E-06	7.14E-05	2.61E-02
2-Butanone	12.00 U	6.04E-06	1.45E-04	5.29E-02	12.00 U	4.61E-06	1.11E-04	4.04E-02	59 U	2.37E-05	5.69E-04	2.08E-01	3.43E-05	8.24E-04	3.01E-01
n-Butylbenzene	1.60 U	8.05E-07	1.93E-05	7.05E-03	1.60 U	6.15E-07	1.48E-05	5.39E-03	7.9 U	3.17E-06	7.61E-05	2.78E-02	4.59E-06	1.10E-04	4.02E-02
sec-Butylbenzene	1.30 U	6.54E-07	1.57E-05	5.73E-03	1.30 U	5.00E-07	1.20E-05	4.38E-03	6.3 U	2.53E-06	6.07E-05	2.22E-02	3.68E-06	8.84E-05	3.23E-02
Carbon Tetrachloride	0.63 U	3.17E-07	7.61E-06	2.78E-03	0.63 U	2.42E-07	5.81E-06	2.12E-03	3.1 U	1.24E-06	2.99E-05	1.09E-02	1.80E-06	4.33E-05	1.58E-02
Chlorobenzene	0.46 U	2.32E-07	5.56E-06	2.03E-03	0.46 U	1.77E-07	4.24E-06	1.55E-03	2.3 U	9.23E-07	2.22E-05	8.09E-03	1.33E-06	3.20E-05	1.17E-02
Chloroethane	0.26 U	1.31E-07	3.14E-06	1.15E-03	0.26 U	1.00E-07	2.40E-06	8.76E-04	1.3 U	5.22E-07	1.25E-05	4.57E-03	7.53E-07	1.81E-05	6.59E-03
Chloroform	0.49 U	2.47E-07	5.92E-06	2.16E-03	0.49 U	1.88E-07	4.52E-06	1.65E-03	2.4 U	9.64E-07	2.31E-05	8.44E-03	1.40E-06	3.36E-05	1.23E-02
Chloromethane	0.21 U	1.06E-07	2.54E-06	9.26E-04	0.21 U	8.07E-08	1.94E-06	7.07E-04	1.0 U	4.01E-07	9.64E-06	3.52E-03	5.88E-07	1.41E-05	5.15E-03
Dibromochloromethane	0.85 U	4.28E-07	1.03E-05	3.75E-03	0.85 U	3.27E-07	7.84E-06	2.86E-03	4.3 U	1.73E-06	4.14E-05	1.51E-02	2.48E-06	5.95E-05	2.17E-02
1,2-Dibromoethane	0.77 U	3.88E-07	9.30E-06	3.40E-03	0.77 U	2.96E-07	7.10E-06	2.59E-03	3.8 U	1.53E-06	3.66E-05	1.34E-02	2.21E-06	5.30E-05	1.94E-02
1,2-Dichlorobenzene	0.60 U	3.02E-07	7.25E-06	2.65E-03	0.60 U	2.31E-07	5.54E-06	2.02E-03	3.0 U	1.20E-06	2.89E-05	1.06E-02	1.74E-06	4.17E-05	1.52E-02
1,3-Dichlorobenzene	0.60 U	3.02E-07	7.25E-06	2.65E-03	0.60 U	2.31E-07	5.54E-06	2.02E-03	3.0 U	1.20E-06	2.89E-05	1.06E-02	1.74E-06	4.17E-05	1.52E-02
1,4-Dichlorobenzene	0.60 U	3.02E-07	7.25E-06	2.65E-03	0.60 U	2.31E-07	5.54E-06	2.02E-03	3.0 U	1.20E-06	2.89E-05	1.06E-02	1.74E-06	4.17E-05	1.52E-02
Dichlorodifluoromethane	2.10	1.06E-06	2.54E-05	9.26E-03	2.20	8.46E-07	2.03E-05	7.41E-03	2.5 U	1.00E-06	2.41E-05	8.79E-03	2.91E-06	6.98E-05	2.55E-02
1,1-Dichloroethane	0.40 U	2.01E-07	4.83E-06	1.76E-03	0.40 U	1.54E-07	3.69E-06	1.35E-03	2.0 U	8.03E-07	1.93E-05	7.03E-03	1.16E-06	2.78E-05	1.01E-02
1,2-Dichloroethane	0.40 U	2.01E-07	4.83E-06	1.76E-03	0.40 U	1.54E-07	3.69E-06	1.35E-03	2.0 U	8.03E-07	1.93E-05	7.03E-03	1.16E-06	2.78E-05	1.01E-02
1,1-Dichloroethene	0.40 U	2.01E-07	4.83E-06	1.76E-03	0.40 U	1.54E-07	3.69E-06	1.35E-03	2.0 U	8.03E-07	1.93E-05	7.03E-03	1.16E-06	2.78E-05	1.01E-02
cis-1,2-Dichloroethene	0.40 U	2.01E-07	4.83E-06	1.76E-03	0.40 U	1.54E-07	3.69E-06	1.35E-03	2.0 U	8.03E-07	1.93E-05	7.03E-03	1.16E-06	2.78E-05	1.01E-02
trans-1,2-Dichloroethene	0.40 U	2.01E-07	4.83E-06	1.76E-03	0.40 U	1.54E-07	3.69E-06	1.35E-03	2.0 U	8.03E-07	1.93E-05	7.03E-03	1.16E-06	2.78E-05	1.01E-02
1,2-Dichloropropane	0.46 U	2.32E-07	5.56E-06	2.03E-03	0.46 U	1.77E-07	4.24E-06	1.55E-03	2.3 U	9.23E-07	2.22E-05	8.09E-03	1.33E-06	3.20E-05	1.17E-02
cis-1,3-Dichloropropene	0.45 U	2.27E-07	5.44E-06	1.98E-03	0.45 U	1.73E-07	4.15E-06	1.52E-03	6.2 U	2.49E-06	5.97E-05	2.18E-02	2.89E-06	6.93E-05	2.53E-02
trans-1,3-Dichloropropene	0.45 U	2.27E-07	5.44E-06	1.98E-03	0.45 U	1.73E-07	4.15E-06	1.52E-03	2.3 U	9.23E-07	2.22E-05	8.09E-03	1.32E-06	3.18E-05	1.16E-02
Ethylbenzene	0.43 U	2.16E-07	5.19E-06	1.90E-03	0.43 U	1.65E-07	3.97E-06	1.45E-03	2.2 U	8.83E-07	2.12E-05	7.74E-03	1.27E-06	3.04E-05	1.11E-02
Isopropylbenzene	0.25 U	1.26E-07	3.02E-06	1.10E-03	1.20 U	4.61E-07	1.11E-05	4.04E-03	6.2 U	2.49E-06	5.97E-05	2.18E-02	3.08E-06	7.38E-05	2.69E-02
p-Isopropyltoluene	0.23 U	1.16E-07	2.78E-06	1.01E-03	1.30 U	5.00E-07	1.20E-05	4.38E-03	6.3 U	2.53E-06	6.07E-05	2.22E-02	3.14E-06	7.55E-05	2.75E-02
Methyl tert butyl ether	0.36 U	1.81E-07	4.35E-06	1.59E-03	0.36 U	1.38E-07	3.32E-06	1.21E-03	1.8 U	7.23E-07	1.73E-05	6.33E-03	1.04E-06	2.50E-05	9.13E-03
Methylene chloride	3.50 U	1.76E-06	4.23E-05	1.54E-02	3.50 U	1.35E-06	3.23E-05	1.18E-02	17 U	6.83E-06	1.64E-04	5.98E-02	9.93E-06	2.38E-04	8.70E-02
4-Methyl-2-pentanone	0.41 U	2.06E-07	4.95E-06	1.81E-03	0.41 U	1.58E-07	3.78E-06	1.38E-03	2.0 U	8.03E-07	1.93E-05	7.03E-03	1.17E-06	2.80E-05	1.02E-02
Styrene	0.43 U	2.16E-07	5.19E-06	1.90E-03	0.43 U	1.65E-07	3.97E-06	1.45E-03	2.1 U	8.43E-07	2.02E-05	7.39E-03	1.22E-06	2.94E-05	1.07E-02
1,1,1,2-Tetrachloroethane	1.20 U	6.04E-07	1.45E-05	5.29E-03	1.20 U	4.61E-07	1.11E-05	4.04E-03	6.2 U	2.49E-06	5.97E-05	2.18E-02	3.55E-06	8.53E-05	3.11E-02
1,1,2,2-Tetrachloroethane	0.69 U	3.47E-07	8.34E-06	3.04E-03	0.69 U	2.65E-07	6.37E-06	2.32E-03	3.4 U	1.37E-06	3.28E-05	1.20E-02	1.98E-06	4.75E-05	1.73E-02
Tetrachloroethene	30.00	1.51E-05	3.62E-04	1.32E-01	14.00	5.38E-06	1.29E-04	4.71E-02	42	1.69E-05	4.05E-04	1.48E-01	3.73E-05	8.96E-04	3.27E-01
Toluene	1.30	6.54E-07	1.57E-05	5.73E-03	0.83	3.19E-07	7.66E-06	2.80E-03	1.9 U	7.63E-07	1.83E-05	6.68E-03	1.74E-06	4.17E-05	1.52E-02
1,1,1-Trichloroethane	1.90	9.56E-07	2.30E-05	8.38E-03	1.70	6.54E-07	1.57E-05	5.72E-03	2.7 U	1.08E-06	2.60E-05	9.50E-03	2.69E-06	6.47E-05	2.36E-02
1,1,2-Trichloroethane	0.55 U	2.77E-07	6.64E-06	2.43E-03	0.55 U	2.11E-07	5.07E-06	1.85E-03	2.7 U	1.08E-06	2.60E-05	9.50E-03	1.57E-06	3.77E-05	1.38E-02
Trichloroethene	89.00	4.48E-05	1.08E-03	3.92E-01	100.00	3.84E-05	9.23E-04	3.37E-01	18	7.23E-06	1.73E-04	6.33E-02	9.05E-05	2.17E-03	7.92E-01
Trichlorofluoromethane	38.00	1.91E-05	4.59E-04	1.68E-01	93.00	3.58E-05	8.58E-04	3.13E-01	13	5.22E-06	1.25E-04	4.57E-02	6.01E-05	1.44E-03	5.26E-01
1,2,4-Trimethylbenzene	0.49 U	2.47E-07	5.92E-06	2.16E-03	0.49 U	1.88E-07	4.52E-06	1.65E-03	2.5 U	1.00E-06	2.41E-05	8.79E-03	1.44E-06	3.45E-05	1.26E-02
1,3,5-Trimethybenzene	0.49 U	2.47E-07	5.92E-06	2.16E-03	0.49 U	1.88E-07	4.52E-06	1.65E-03	2.5 U	1.00E-06	2.41E-05	8.79E-03	1.44E-06	3.45E-05	1.26E-02
Vinyl chloride	0.26 U	1.31E-07	3.14E-06	1.15E-03	0.26 U	1.00E-07	2.40E-06	8.76E-04	1.3 U	5.22E-07	1.25E-05	4.57E-03	7.53E-07	1.81E-05	6.59E-03
p/m-Xylene	0.87 U	4.38E-07	1.05E-05	3.84E-03	0.87 U	3.34E-07	8.03E-06	2.93E-03	4.3 U	1.73E-06	4.14E-05	1.51E-02	2.50E-06	6.00E-05	2.19E-02
o-Xylene	0.43 U	2.16E-07	5.19E-06	1.90E-03	0.43 U	1.65E-07	3.97E-06	1.45E-03	2.2 U	8.83E-07	2.12E-05	7.74E-03	1.27E-06	3.04E-05	1.11E-02
Total VOCs	2.23E+02	1.12E-04	2.69E-03	9.83E-01	2.28E+02	1.03E-04	2.48E-03	9.04E-01	1.64E+02	Not Applicable	Not Applicable	6.64E-01	Not Applicable	Not Applicable	2.12E+00
RIDEM Air Pollution Control Permit Applicability Thresholds (lbs) *		**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**		**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**		**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**	**10**	**100**	**20,000 (Individual VOCs) 50,000 (Total VOCs)**

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

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

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

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

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

APPENDIX F

Laboratory Method Reporting Limits Correspondence

con-test®
ANALYTICAL LABORATORY

39 Spruce Street
East Longmeadow, MA 01089

March 21, 2013

Mr. Ron Mack
EA Engineering Science & Technology
2350 Post Road
Warwick, RI 02886
RE: CT Remediation Standard Regulations – Work Order 12K0120

Dear Mr. Mack:

This letter is in response to the Residential Target Indoor Air numbers published in the Remediation Standard Regulations. Several of the TAC's, which are calculated based on risk, appear to be beyond the scope of the current methodologies available, as well as, the current analytical instrumentation available for these methods. The following compounds that Con-Test Laboratory had issues meeting the limits are listed below:

Bromodichloromethane
1,1,2,2-Tetrachloroethane
1,1,1,2-Tetrachloroethane
1,2-Dibromoethane

If you have any questions please feel free to call me at (413) 525-2332 ext. 41.

Sincerely,

Tod Kopyscinski
Air Laboratory Manager