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EA Engineering, Science, and Technology, Inc.

16 December 2011

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. 17*
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 September 2011 through November 2011.

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
T. Deller, 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. 17

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
December 2011

TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION AND BACKGROUND	1
2. SUMMARY OF SSD SYSTEM AND INDOOR METHANE MONITORING SYSTEM PERFORMANCE	2
2.1 SSD System	2
2.2 Indoor Methane Monitoring System	3
2.3 Ambient Outdoor and Indoor Air Sampling	3
2.4 Subslab Vapor Sampling and Evaluation of Potential VOC Rebound Effect	4
2.5 Summary of Rooftop VOC Emissions	4
2.6 Conclusions	5
3. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT	6

FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: INDOOR AIR SAMPLING AND METHANE MONITORING
SYSTEM DIAGRAM

FIGURE 3: AS-BUILT SUBSLAB MONITORING AND SAMPLING PLAN

APPENDICES

APPENDIX A: O&M FIELD FORMS

APPENDIX B: INDOOR AND AMBIENT OUTDOOR AIR ANALYTICAL SUMMARY
AND LAB REPORTS

APPENDIX C: SUBSLAB VAPOR ANALYTICAL SUMMARY AND LAB REPORT

APPENDIX D: ROOFTOP EMISSION ANALYTICAL SUMMARY

APPENDIX E: LABORATORY REPORTING LIMITS CORRESPONDENCE

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. 17 for the Parcel B area of the former Gorham Manufacturing site in Providence, Rhode Island, formerly referred to as the Adelaide Avenue High School and now referred to as the Alvarez High School site (the Site). A Site Location Map is provided as Figure 1. This report has been prepared to satisfy provision 6(f) of the Rhode Island Department of Environmental Management (RIDEM) Order of Approval (OA) issued in June 2006, as amended in February 2007, July 2007, and July 2009. For the purposes of this report, the original and the amended 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 September 2011 through November 2011 (Quarterly Reporting Period No. 17) 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. 16 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 greater than -0.25 in. of water column. In September and November, several subslab monitoring points measured zero vacuum. EA observed water within the subslab vapor measuring point that was blocking the air stream and thereby preventing an accurate vacuum measurement. EA proceeded to pump out water from sampling points and remeasured the vacuum. Subsequent vacuum measurements were found to be between -0.06 and -0.08 in. of water column. Continuous negative pressure has been maintained beneath the building slab.

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

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

2.2 INDOOR METHANE MONITORING SYSTEM

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. The indoor methane monitoring system operated continuously throughout this reporting period with no equipment shutdowns, failures, alarms, or interruptions of any type, and no methane was detected during any of the supplemental monthly indoor methane monitoring events.

On 28 October 2011, 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 January 2012.

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

2.3 AMBIENT OUTDOOR AND INDOOR AIR SAMPLING

One outdoor ambient air sample and eight indoor air samples within the school at RIDEM-approved sampling locations were collected and analyzed for VOCs via Method TO-15 SIM (Selective Ion Monitoring) on 28 October 2011. The outdoor ambient sample was collected from the northeast 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 reporting limits (RLs) 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 RL verification letter from Con-Test Analytical Laboratory is provided in Appendix E. A data summary table and copies of the laboratory data reports associated with this sampling event are provided in Appendix B.

One compound, methylene chloride, was detected within two indoor air samples at concentrations that exceed the State of Connecticut's Draft Proposed Indoor Residential Targeted Air Concentrations ($3.0 \mu\text{g}/\text{m}^3$) in accordance with the Amended OA for this Site. Methylene chloride was detected in Rooms 145 and 152 at concentrations of 5.70 and $5.50 \mu\text{g}/\text{m}^3$, respectively. Methylene chloride is not a contaminant of concern at the site and is a laboratory contaminant that has been detected in indoor air samples sporadically. Methylene chloride was detected in subslab sample IMP-1, but was not detected in subslab samples MP-7 and MP-8, which are located closest to the indoor air detections. The locations of the detections further supports the position that the detections are related to laboratory contamination.

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/m³. Similarly, during this reporting period the ambient outdoor and indoor air concentrations of carbon tetrachloride ranged between 0.380 and 0.440 ug/m³. 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 other compounds analyzed were below the applicable CT RTACs for all samples collected on 28 October 2011.

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 28 October 2011 in accordance with the Amended OA. The subslab data is summarized in Appendix C, along with copies of the laboratory data reports associated with these sampling events.

Quarterly Report No. 13 indicated that *“VOC rebound may be occurring. Historical maximum concentrations of tetrachloroethene have been identified in 7 of 11 of the subslab vapor points in the most recent sampling of the respective sampling point (July or October 2010).”*

Analytical results since the October 2010 sampling event have indicated a return to historic norms of tetrachloroethene concentrations. Based on the analytical results of the previous year of subslab vapor monitoring, VOC rebound is not occurring.

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 on 26 July 2011 and is summarized in Appendix D. No exceedances of the RIDEM Air Pollution Control Permit Applicability Thresholds for hourly, daily, or yearly emissions were detected. The 2012 annual rooftop emission VOC sampling event is scheduled for July 2012 to accommodate the revised quarterly sampling schedule.

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

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. Although two readings of zero vacuum were observed at subsurface monitoring, water was observed within the piping blocking the air flow. Subsequent measurements of each of these measuring points indicate sufficient vacuum.
- Subslab vapor rebound is not occurring at the school, based on analytical data from this and the previous two sampling events.
- The continuous operation of the SSD System, with no equipment malfunctions or alarm conditions, and confirmation of continuous subslab vacuum beneath the school illustrates ongoing, effective operation of the SSD System. No soil vapor intrusion pathway exists at the school while the SSD System is operational.
- No SSD System modifications or other actions to address current site conditions are warranted or proposed at this time.

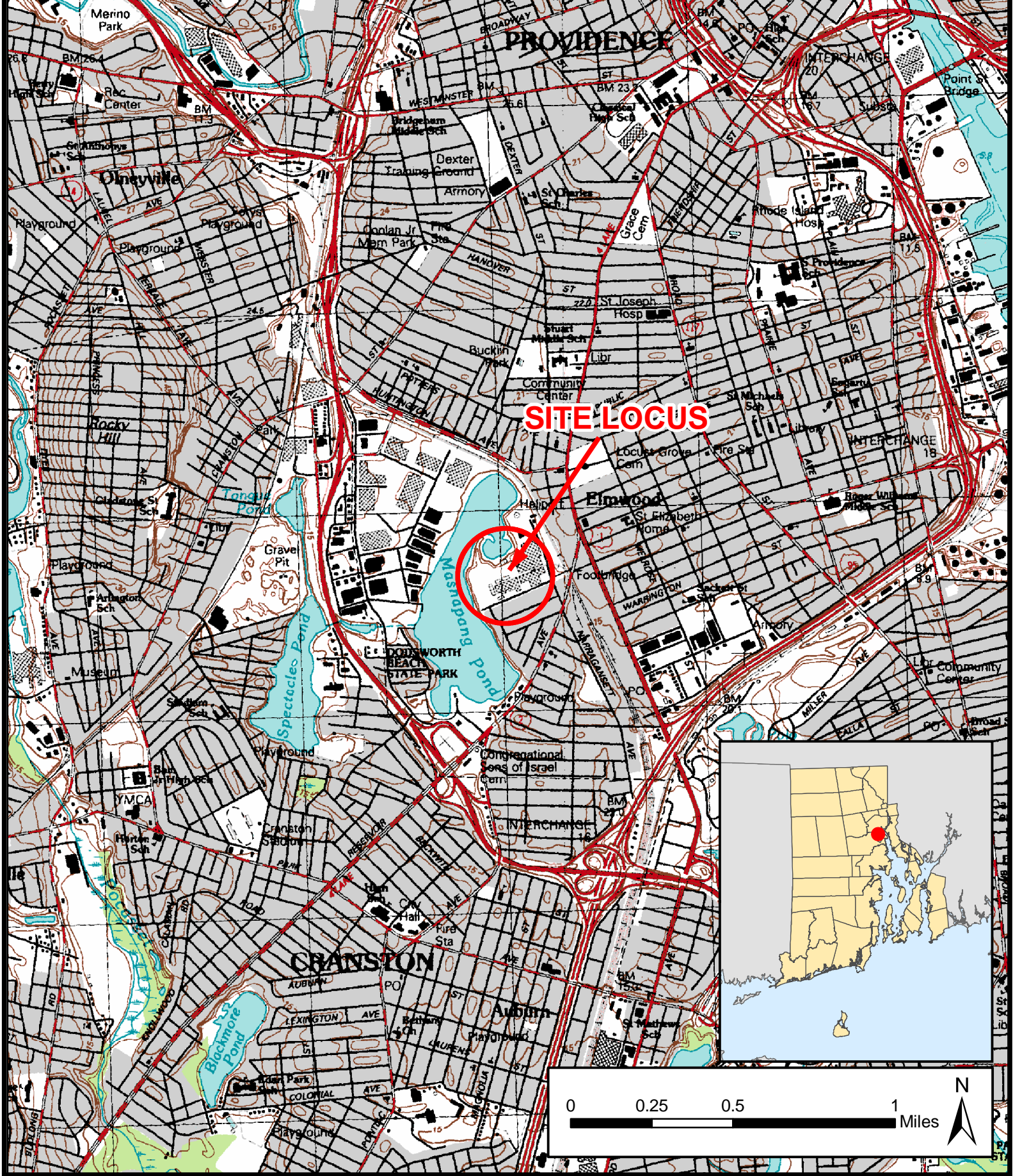
3. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT

The following activities will be completed in accordance with the Amended OA during the next quarterly status reporting period ending 28 February 2012:

- Continuous monitoring of the operational status of the three rooftop fans
- Monthly site inspections and monitoring using a photoionization detector with part-per-billion sensitivity
- Collection of air samples from eight indoor locations, one ambient location, and six subslab monitoring points in October 2011.

These activities will be summarized in the next status report (Quarterly Status Report No. 18), expected to be submitted by the end of March 2012.

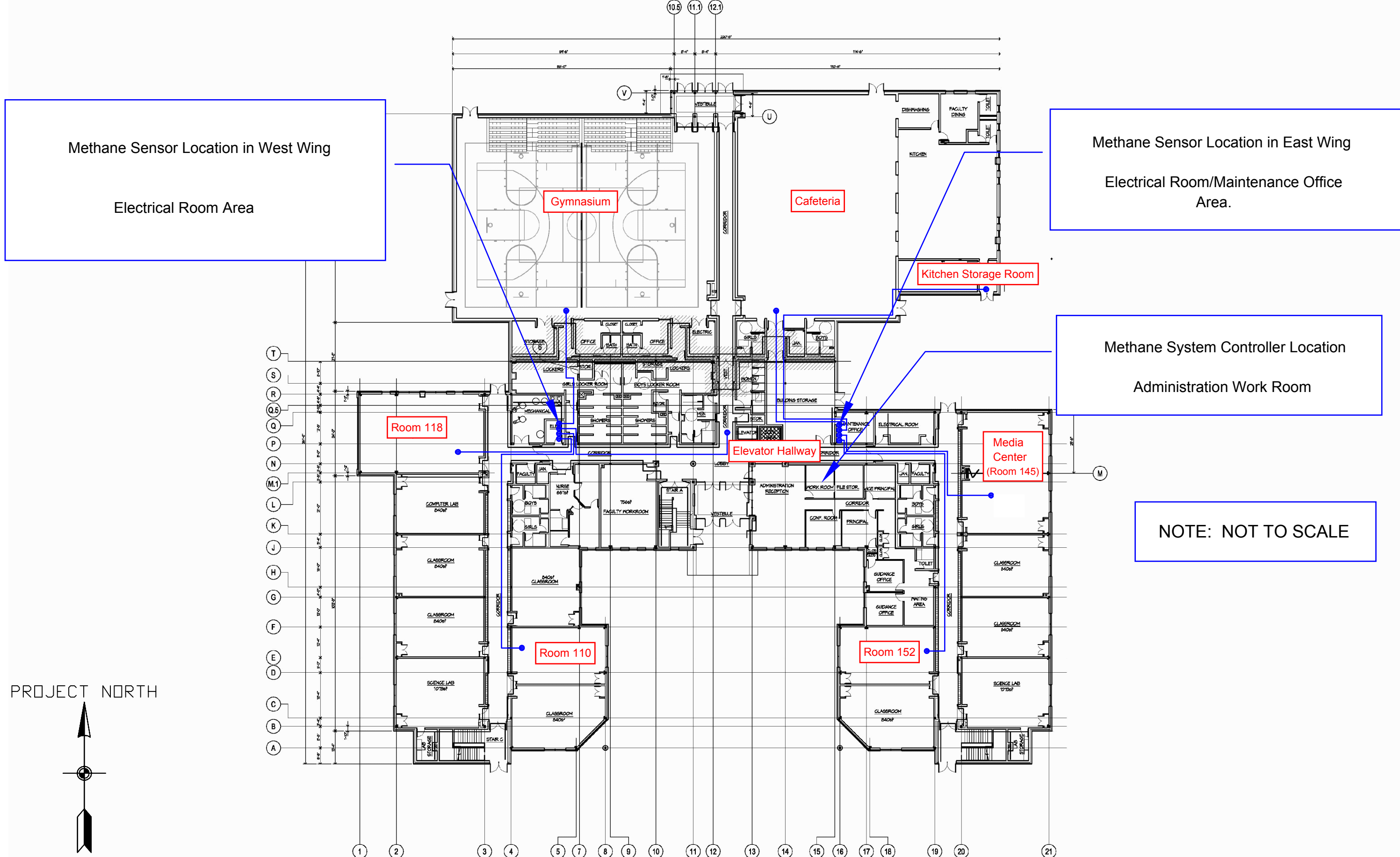
FIGURES



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.

Gymnasium

Cafeteria

Kitchen Storage Room

Methane System Controller Location

Administration Work Room

Room 118

Elevator Hallway

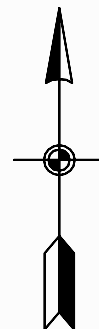
Media Center (Room 145)

NOTE: NOT TO SCALE

Room 110

Room 152

PROJECT NORTH






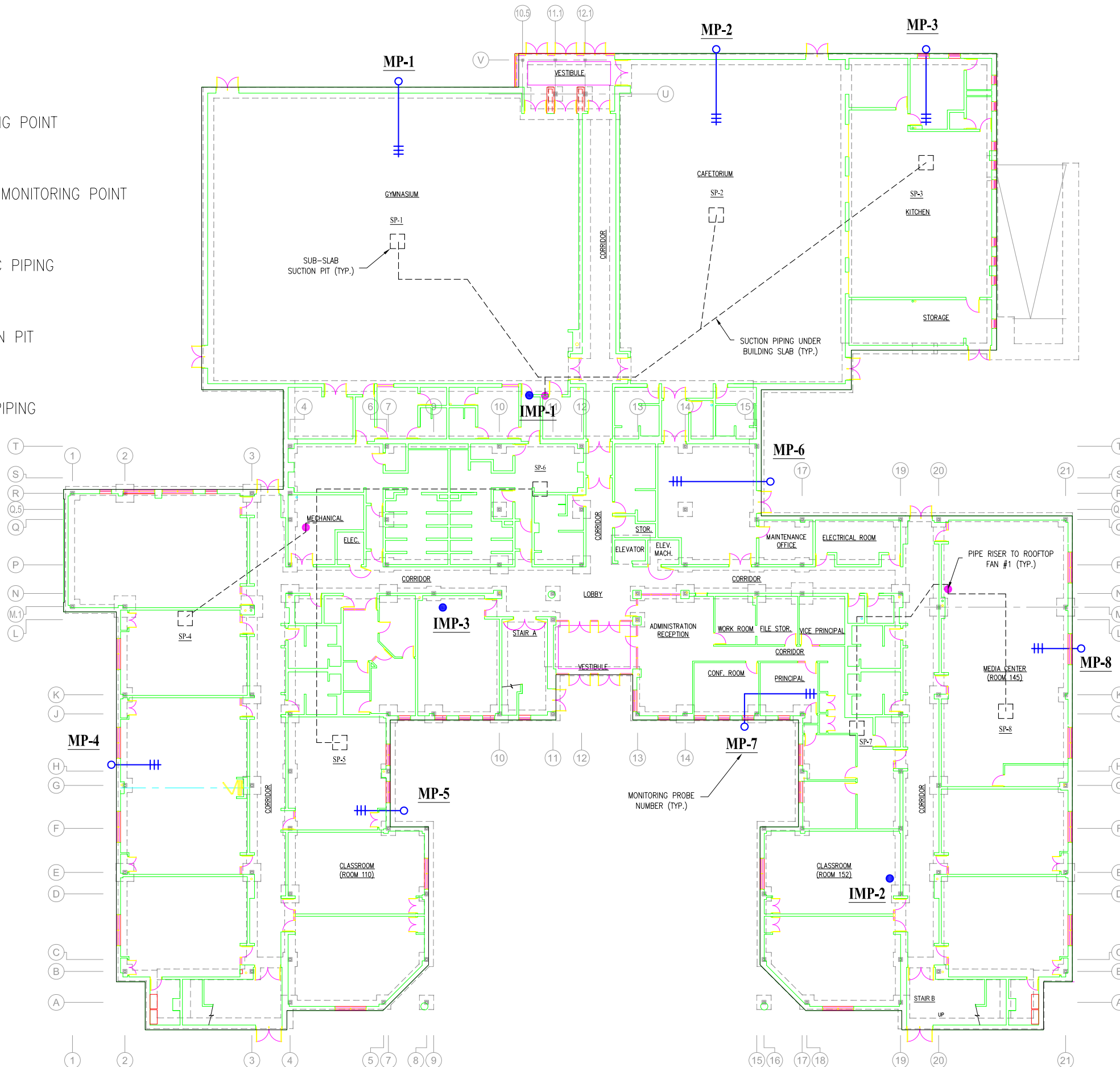
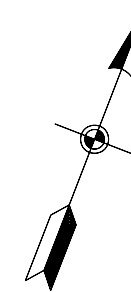
DESIGNED BY PMG	DRAWN BY PMG	DATE 4-3-07	PROJECT NO. 61965.01	FILE NAME Gorham Layout
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. -	FIGURE N/A

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

QUARTERLY STATUS REPORT
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
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. N/A	FIGURE 3

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

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: 11/30/2011

Performed by: P. Theroux

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

Date of last Methane Sensor Filter Replacement: 10/28/11

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	4	0	0	0	--	--	--	--	--	--	
Cafeteria	NA	NA	14	0	0	0	--	--	--	--	--	--	
Kitchen Storage Room	NA	NA	0	0	0	0	--	--	--	--	--	--	
Elevator Hallway	NA	NA	17	0	0	0	--	--	--	--	--	--	
Room 145	NA	NA	2	0	0	0	--	--	--	--	--	--	
Room 152	NA	NA	5	0	0	0	--	--	--	--	--	--	
Room 118	NA	NA	30	0	0	0	--	--	--	--	--	--	
Room 110	NA	NA	0	0	0	0	--	--	--	--	--	--	
MP-1	-0.07	NA	539	NA	0	0	--	--	--	--	--	--	Water pumped out of monitoring point. 0 vacuum before.
MP-2	0.07	NA	5737	NA	0	0	--	--	--	--	--	--	
MP-3	-0.09	NA	1246	NA	0	0	--	--	--	--	--	--	
MP-4	-0.08	NA	358	NA	0	0	--	--	--	--	--	--	
MP-5	-0.09	NA	644	NA	0	0	--	--	--	--	--	--	
MP-6	-0.04	NA	372	NA	0	0	--	--	--	--	--	--	
MP-7	-0.07	NA	294	NA	0	0	--	--	--	--	--	--	
MP-8	-0.08	NA	344	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.01	NA	890	NA	0	0	--	--	--	--	--	--	
IMP-2	-0.02	NA	642	NA	0	0	--	--	--	--	--	--	
IMP-3	-0.02	NA	756	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 1	-2.0	2772	67	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-2.0	2030	395	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.4	2208	85	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: 10/28/2011

Performed by: P. Theroux & M. Travers

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

Date of last Methane Sensor Filter Replacement: 7/26/2011 - 10/28/11

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	65	0	0	0	1884	4084	0735	-30	0805	-2	
Cafeteria	NA	NA	55	0	0	0	1691	4105	0726	-30	0755	-7	
Kitchen Storage Room	NA	NA	75	0	0	0	1228	4091	0727	-30+	0756	-6	
Elevator Hallway	NA	NA	79	0	0	0	1247	4078	0729	-28	0758	0	
Room 145	NA	NA	42	0	0	0	1020	4083	0738	-29.5	0808	-3	
Room 152	NA	NA	46	0	0	0	1842	4077	0739	-28	0809	-2	
Room 118	NA	NA	26	0	0	0	1835	4079	0745	-27	0815	-3	
Room 110	NA	NA	52	0	0	0	1862	4106	0747	-27.5	0817	-5	
MP-1	-0.08	NA	289	NA	0	0	--	--	--	--	--	--	
MP-2	-0.09	NA	484	NA	0	0	1096	4103	0936	-28	1006	-7	
MP-3	-0.08	NA	790	NA	0	0	--	--	--	--	--	--	
MP-4	-0.06	NA	741	NA	0	0	--	--	--	--	--	--	
MP-5	-0.09	NA	322	NA	0	0	1142	4075	0958	-29	1028	-5	
MP-6	-0.10	NA	372	NA	0	0	--	--	--	--	--	--	
MP-7	-0.25+	NA	141	NA	0	0	1043	4085	0951	-30	1021	-6	
MP-8	-0.10	NA	253	NA	0	0	1291	4080	0943	-29	1012	-5	
IMP-1	-0.04	NA	566	NA	0	0	1225	4107	0825	-30	0855	-5	
IMP-2	-0.02	NA	428	NA	0	0	--	--	--	--	--	--	
IMP-3	-0.02	NA	513	NA	0	0	1664	4094	0804	-29	0836	-6	
Roof-Top Fan 1	-2.0	2,912	194	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-2.0	2,160	243	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.6	2,033	220	NA	0	0	--	--	--	--	--	--	
Ambient Outdoor Air	NA	NA	72	NA	0	0	1147	4086	0928	-30	1000	-2	collected from northeast corner

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: 9/30/2011

Performed by: P. Theroux

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

Date of last Methane Sensor Filter Replacement: 7/26/11

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	-0.10	NA	380	NA	0	0	--	--	--	--	--	--	
MP-2	-0.06	NA	0	NA	0	0	--	--	--	--	--	--	
MP-3	-0.08	NA	3,572	NA	0	0	--	--	--	--	--	--	Pumped water out of line prior to monitoring
MP-4	-0.04	NA	0	NA	0	0	--	--	--	--	--	--	
MP-5	-0.08	NA	0	NA	0	0	--	--	--	--	--	--	
MP-6	-0.06	NA	1,322	NA	0	0	--	--	--	--	--	--	Pumped water out of line prior to monitoring
MP-7	-0.17	NA	0	NA	0	0	--	--	--	--	--	--	
MP-8	-0.12	NA	0	NA	0	0	--	--	--	--	--	--	
IMP-1	-0.04	NA	0	NA	0	0	--	--	--	--	--	--	
IMP-2	-0.02	NA	63	NA	0	0	--	--	--	--	--	--	
IMP-3	-0.02	NA	0	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 1	-2.0	2,843	0	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 2	-2.0	2,110	0	NA	0	0	--	--	--	--	--	--	
Roof-Top Fan 3	-2.4	2,233	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

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 - April 2011

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	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Acetone	8-Feb-08		20.200		8.240		4.750		4.750		6.870		8.060		4.750		4.780						4.750		U	
	27-Mar-08 [†]		576.000		186.000		108.000		89.900		24.700		38.300		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			6.670
	29-May-08		19.500		16.000		12.800		16.200		10.900		17.200		13.200		13.200		29.800				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			19.700
	31-Jul-08		32.200		17.200		20.800		16.800		20.000		23.800		18.600		23.500						20.000			20.000
	28-Aug-08		33.100		21.100		21.500		25.800		27.000		32.400		29.100		23.800						37.000			37.000
	30-Sep-08		39.400		10.400		7.600		11.200		44.800		29.900		19.600		55.600						6.800			6.800
	27-Oct-08		56.200		23.100		14.900		24.100		15.900		26.500		34.300		25.100						109.000			109.000
	25-Nov-08		21.300		8.200		5.300		14.000		15.600		9.700		6.500		10.000						7.000			7.000
	18-Dec-08		39.300		18.500		16.900		21.500		23.100		41.900		22.000		28.800						40.000			40.000
	21-Jan-09		5.300		2.400		3.600		5.000		5.600		3.300		3.000		4.000						2.400			2.400
	25-Feb-09		2.400	U	2.900		2.400		NS		NS		9.600		5.000		4.100						2.400			2.400
	26-Mar-09		34.400		10.700		8.820		11.300		13.800		12.000		10.500		12.000						9.680			9.680
	29-Apr-09		4.750	U	5.700		7.230		8.240		19.200		9.420		7.570		9.610						7.700			7.700
	22-Jul-09		2.370	U	13.100		18.700		11.700		28.900		29.400		17.100		19.400						11.000			11.000
	9-Oct-09		19.500		10.100		9.220		11.000		15.500		12.000		10.600		11.600						8.570			8.570
	15-Jan-10		11.900		8.160		5.080		6.700		7.320		5.260		7.270		8.110						6.190			6.190
	21-Apr-10		26.700		22.000		23.200		23.200		19.300		19.900		21.800		20.500						4.960			4.960
	16-Jul-10		28.200		16.500		13.800		16.100		36.900		24.900		40.700		16.000						14.300			14.300
	15-Oct-10		32.700		8.180		4.750		11.500		7.360		6.010		5.530		6.690						7.630			7.630
	30-Nov-10		NS		13.200		13.000		NS		NS		NS		6.460		NS						NS			NS
	26-Jan-11		28.500		20.800		11.600		14.900		13.500		33.200		12.600		24.000						9.850			9.850
	26-Jan-11**		NS		17.000		15.000		NS		NS		NS		12.000		NS						NS			NS
	27-Apr-11		6.820		12.800		11.300		14.700		14.600		7.550		12.300		5.930						5.600			5.600
	26-Jul-11		51.800		48.0		22.8		82.200		28.700		25.400		39.400		8.840						8.840			8.840
	28-Oct-11		17.000		12.0		7.4		9.900		11.000		9.700		13.000		15.000						8.000			8.000
	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	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	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	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	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	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	U	
29-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	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	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	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	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	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	U	
25-Feb-09			2.200	U	2.200	U	2.200	U	NS		NS		2.200	U	2.200	U	2.200	U					2.200	U	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	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	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	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	U	
15-Jan-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	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	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	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	U	
30-Nov-10			NS		1.080	U	1.080	U	NS		NS		NS		1.080	U	NS						NS			NS
26-Jan-11			1.850	U	1.840	U	1.850	U	1.850	U	1.840	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		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	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	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	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									

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value
Chloromethane	8-Feb-08		2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.460	U	2.440	U	2.440	U					2.440	U	2.440	U
	27-Mar-08		2.830	U	3.070	U	2.680	U	2.440	U	2.440	U	2.880	U	2.440	U	2.440	U					2.440	U	2.440	U
	25-Apr-08		2.820	U	2.440	U	2.440	U	2.440	U	2.440	U	3.000	U	3.000	U	2.440	U					2.440	U	2.440	U
	29-May-08		2.790	U	3.000	U	7.100	U	11.000	U	2.940	U	6.280	U	6.420	U	2.770	U					2.440	U	2.440	U
	27-Jun-08		2.850	U	2.440	U	2.440	U	2.830	U	3.260	U	2.620	U	2.440	U	2.500	U					2.440	U	2.440	U
	31-Jul-08		3.580	U	3.880	U	3.330	U	4.370	U	3.440	U	3.740	U	2.440	U	2.440	U					2.440	U	2.440	U
	28-Aug-08		2.440	U	3.140	U	5.310	U	6.880	U	3.150	U	2.440	U	2.540	U	2.540	U					2.440	U	2.440	U
	30-Sep-08		1.400	U	1.300	U	1.400	U	1.400	U	1.000	U	1.700	U	1.600	U	1.000	U					1.200	U	1.200	U
	27-Oct-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.200	U	1.000	U	1.000	U					1.000	U	1.000	U
	25-Nov-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U					1.000	U	1.000	U
	18-Dec-08		1.000	U	1.000	U	1.000	U	1.400	U	1.000	U	1.000	U	1.000	U	1.300	U					1.000	U	1.000	U
	21-Jan-09		1.000	U	1.000	U	1.000	U	1.500	U	1.000	U	1.000	U	1.400	U	1.100	U					1.200	U	1.200	U
	25-Feb-09		1.000	U	1.000	U	1.000	U	NS	U	1.000	U	1.000	U	1.000	U	1.100	U					1.000	U	1.000	U
	26-Mar-09	14.0	2.490	U	2.680	U	2.550	U	2.920	U	2.910	U	2.440	U	2.440	U	2.440	U					2.440	U	2.440	U
	29-Apr-09		2.710	U	2.910	U	3.600	U	3.730	U	3.130	U	2.660	U	3.390	U	2.960	U					2.510	U	2.510	U
	22-Jul-09		2.670	U	2.520	U	2.660	U	2.540	U	2.440	U	2.780	U	3.390	U	3.320	U					2.440	U	2.440	U
	9-Oct-09		3.450	U	2.740	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U					2.440	U	2.440	U
	15-Jan-10		3.850	U	3.690	U	2.820	U	3.180	U	3.240	U	3.630	U	3.120	U	3.750	U					2.600	U	2.600	U
	21-Apr-10		2.550	U	2.440	U	2.440	U	2.440	U	2.440	U	2.400	U	2.520	U	2.440	U					2.460	U	2.460	U
	16-Jul-10		1.510	U	1.660	U	1.050	U	1.090	U	1.680	U	1.110	U	1.300	U	1.100	U					1.510	U	1.510	U
	15-Oct-10		1.080	U	1.080	U	1.030	U	1.050	U	1.030	U	1.030	U	1.030	U	1.030	U					1.030	U	1.030	U
	30-Nov-10		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U	NS	U
	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	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U	NS	U
	27-Apr-11		1.050	U	1.660	U	1.400	U	2.160	U	1.440	U	1.510	U	1.740	U	1.460	U					1.270	U	1.270	U
	26-Jul-11		1.160	U	1.600	U	1.030	U	1.120	U	1.030	U	1.030	U	1.030	U	1.030	U					1.030	U	1.030	U
	28-Oct-11		1.400	U	1.000	U	1.300	U	1.500	U	1.300	U	0.960	U	1.000	U	1.100	U					1.300	U	1.300	U
	Bromochloromethane	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	0.100
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	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	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	0.100	U
27-Jun-08			0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.308	U	0.100	U					0.096	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	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	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	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	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	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	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	4.200	U
25-Feb-09			4.200	U	4.200	U	4.200	U	NS	U	4.200	U	4.200	U	4.200	U	4.200	U					4.200	U	4.200	U
26-Mar-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	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	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	0.096	U
9-Oct-09			0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U					0.096	U	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	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	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	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	0.170	U
30-Nov-10			NS	U	0.170	U	0.170	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U	NS	U
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	U	0.430	U	0.430	U	NS	U	NS	U	NS	U	0.430	U	NS	U					NS	U	NS	U
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	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	0.170	U
28-Oct-11			0.260	U	0.260	U	0.260	U	0.260	U	0.															

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	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	0.120	U	0.802	U	0.120	U			0.120	U		
	31-Jul-08		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U			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			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			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			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			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			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			3.000	U		
	25-Feb-09		3.000	U	3.000	U	3.000	U	NS	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U			3.000	U		
	26-Mar-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			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			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			0.120	U		
	9-Oct-09		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U			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			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			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			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			0.120	U		
	30-Nov-10		NS	U	0.120	U	0.120	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U		
	26-Jan-11		0.205	U	0.204	U	0.205	U	0.205	U	0.205	U	0.204	U	0.204	U	0.204	U	0.205	U	0.204	U	0.205	U	0.204	U
	26-Jan-11**		NS	U	0.300	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U		
	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			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			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	0.180	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	U	0.272	U	0.206	U	0.596	U	0.728	U	0.793	U	0.228	U	0.237	U					0.120	U		
25-Apr-08			0.415	U	0.287	U	0.126	U	0.247	U	0.261	U	0.245	U	0.205	U	0.220	U					0.222	U		
29-May-08			0.230	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			0.506	U	0.176	U	0.391	U	0.315	U	0.130	U	0.273	U	1.340	U	0.582	U					0.132	U		
31-Jul-08			0.309	U	0.524	U	0.254	U	0.323	U	0.458	U	0.669	U	0.272	U	0.320	U					0.259	U		
29-Aug-08			0.198	U	0.252	U	0.216	U	0.262	U	0.205	U	0.211	U	0.202	U	0.222	U					0.213	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	U	3.000	U	3.000	U	3.000	U	3.000	U					3.000	U		
26-Mar-09			0.149	U	0.129	U	0.120	U	0.120	U	0.193	U	0.146	U	0.204	U	0.150	U					0.120	U		
29-Apr-09			0.246	U	0.144	U	0.180	U	1.740	U	0.210	U	0.168	U	0.144	U	0.168	U					0.366	U		
22-Jul-09			0.198	U	0.120	U	0.553	U	0.120	U	0.174	U	0.204	U	0.144	U	0.270	U					0.444	U		
9-Oct-09			0.360	U	0.402	U	0.336	U	0.360	U	0.354	U	0.487	U	0.324	U	0.366	U					0.186	U		
15-Jan-10			0.156	U	0.186	U	0.120	U	0.432	U	0.150	U	0.198	U	0.144	U	0.120	U					0.138	U		
21-Apr-10			0.120	U	0.180	U	0.120	U	0.156	U	0.150	U	0.156	U	0.126	U	0.126	U					1.200	U		
16-Jul-10			1.580	U	0.493	U	0.637	U	0.306	U	0.499	U	0.655	U	11.400	U	0.553	U					0.384	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	U	0.282	U	0.318	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U		
26-Jan-11			0.205	U	0.470	U	0.205	U	0.205	U	0.205	U	0.316	U	0.204	U	0.205	U	0.204	U	0.204	U	0.205	U	0.204	U
26-Jan-11**			NS	U	0.740	U	0.300	U	NS	U	NS	U	NS	U	0.300	U	NS	U					NS	U		
27-Apr-11			0.120	U	0.174	U	0.120	U	0.222	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			0.190	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		
Dichlorodifluoromethane		8-Feb-08		1.960	U	1.860	U	1.980	U	1.890	U	1.830	U	1.940	U	1.980	U	1.890	U					2.020	U	
	27-Mar-08		2.420	U	2.380	U	2.280	U	2.110	U	2.600	U	2.560	U	2.700	U	2.070	U					2.210	U		
	25-Apr-08		2.060	U	2.100	U	2.010	U	2.170	U	2.030	U	1.990	U	2.080	U	2.030	U</								

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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	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	NS	0.090	U	0.090	U	0.090	U	0.090	U					0.090	U
	26-Mar-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
	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		0.092	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	U	NS	U	NS	U	NS	NS	NS	NS	NS	NS	NS	NS	NS					NS	U	
	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	U	0.230	U	0.230	U	NS	NS	NS	NS	NS	NS	NS	NS	NS					NS	U	
	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
	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
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	U	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
29-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	NS	0.180	U	0.180	U	0.180	U	0.180	U					0.180	U
26-Mar-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
29-Apr-09			0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U					0.091	U
22-Jul-09			0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U					0.091	U
9-Oct-09			0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U					0.091	U
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	U	NS	U	NS	U	NS	NS	NS	NS	NS	NS	NS	NS	NS					NS	U	
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	0.154	U	0.154	U
26-Jan-11**			NS	U	0.230	U	0.230	U	NS	NS	NS	NS	NS	NS	NS	NS	NS					NS	U	
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
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
	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

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
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	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			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			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			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			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			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			2.460	U		
	29-Apr-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			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			2.460	U		
	9-Oct-09		2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U			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			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			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	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			2.460	U		
	30-Nov-10		NS		2.460	U	2.460	U	NS		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	4.190	U	4.180	U	4.190	U	4.180	U
	26-Jan-11**		NS		NS		NS		NS		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			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			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	0.370	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		
29-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	U	5.500	U	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			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			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			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			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			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			2.740	U		
29-Apr-09		67.0	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			2.740	U		
22-Jul-09			2.740	U	2.740	U	3.890	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U			2.740	U		
9-Oct-09			2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U			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			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			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			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			2.740	U		
30-Nov-10			NS		2.740	U	2.740	U	NS		NS		NS		2.740	U	NS		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	4.660	U	4.660	U	4.660	U	4.680	U	4.660	U
26-Jan-11**			NS		NS		NS		NS		NS		NS		NS		NS		NS				NS			
27-Apr-11			2.740	U	2.74	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	2.74	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	0.38	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		
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		0.078		0.102		0.102		0.091		0.095		0.098		0.102		0.090						0.072	U		
	25-Apr-08		0.116		0.107		0.107		0.127		0.126		0.121		0.131		0.113									

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value
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	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	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	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	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	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	2.050	U
	28-Aug-08		2.050	U	2.050	U	2.050	U	2.540	U	2.050	U	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	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	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	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	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	2.000	U
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS	U	2.600	U	2.000	U	2.000	U	2.000	U					2.000	U	2.000	U
	26-Mar-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	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	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	2.050	U
	9-Oct-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	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	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	U					2.050	U	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	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	2.050	U
	30-Nov-10		NS	U	2.050	U	2.050	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U	NS	U
	26-Jan-11		3.490	U	3.480	U	3.490	U	3.480	U	3.490	U	59.500	U	3.480	U	6.760	U			3.480	U	3.480	U	3.480	U
	26-Jan-11**		NS	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U	NS	U
	27-Apr-11		2.050	U	2.050	U	2.050	U	2.050	U	2.930	U	2.050	U	2.050	U	2.050	U					2.050	U	2.050	U
	26-Jul-11		11.700	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	2.050	U
	28-Oct-11		2.100	U	0.490	U	0.840	U	0.560	U	0.800	U	0.930	U	1.500	U	1.200	U					0.390	U	0.390	U
	Styrene	8-Feb-08		0.710	U	0.130	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U					0.090	U	0.090
27-Mar-08			1.200	U	0.118	U	0.120	U	0.165	U	0.140	U	0.175	U	0.114	U	0.139	U					0.085	U	0.085	U
25-Apr-08			0.856	U	0.156	U	0.180	U	0.184	U	0.137	U	0.137	U	0.158	U	0.124	U					0.085	U	0.085	U
29-May-08			0.550	U	0.085	U	0.130	U	0.260	U	0.090	U	0.110	U	0.090	U	0.090	U					0.090	U	0.090	U
27-Jun-08			1.830	U	0.085	U	0.112	U	0.186	U	0.191	U	0.085	U	0.481	U	0.090	U					0.085	U	0.085	U
31-Jul-08			1.890	U	0.254	U	0.153	U	0.266	U	0.285	U	0.288	U	0.109	U	0.090	U					0.085	U	0.085	U
29-Aug-08			0.854	U	0.368	U	0.262	U	0.392	U	0.203	U	0.165	U	0.169	U	0.140	U					0.108	U	0.108	U
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	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	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	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	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	2.100	U
25-Feb-09			2.100	U	2.100	U	2.100	U	NS	U	2.100	U	2.100	U	2.100	U	2.100	U					2.100	U	2.100	U
26-Mar-09			0.814	U	0.113	U	0.110	U	0.110	U	0.125	U	0.111	U	0.128	U	0.138	U					0.122	U	0.122	U
29-Apr-09		52.0	0.515	U	0.085	U	0.136	U	0.085	U	0.136	U	0.085	U	0.085	U	0.085	U					0.085	U	0.085	U
22-Jul-09			1.280	U	0.085	U	0.153	U	0.085	U	0.285	U	0.272	U	0.213	U	0.217	U					0.187	U	0.187	U
9-Oct-09			0.838	U	0.153	U	0.149	U	0.174	U	0.566	U	0.179	U	0.140	U	0.149	U					0.140	U	0.140	U
15-Jan-10			1.100	U	0.221	U	0.085	U	0.089	U	0.196	U	0.098	U	0.085	U	0.085	U					0.085	U	0.085	U
21-Apr-10			0.281	U	0.204	U	0.289	U	0.187	U	0.328	U	0.174	U	0.145	U	0.140	U					0.085	U	0.085	U
16-Jul-10			0.702	U	0.085	U	0.085	U	0.085	U	0.779	U	0.085	U	0.085	U	0.085	U					0.085	U	0.085	U
15-Oct-10			0.549	U	0.085	U	0.085	U	0.085	U	0.098	U	0.805	U	0.085	U	0.085	U					0.085	U	0.085	U
30-Nov-10			NS	U	0.149	U	0.119	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U	NS	U
26-Jan-11			0.327	U	0.224	U	0.174	U	0.217	U	0.182	U	0.145	U	0.182	U	0.182	U			0.174	U	0.145	U	0.188	U
26-Jan-11**			NS	U	0.510	U	0.370	U	NS	U	NS	U	NS	U	0.370	U	NS	U					NS	U	NS	U
27-Apr-11			0.166	U	0.166	U	0.170	U	0.192	U	0.277	U	0.085	U	0.145	U	0.085	U					0.085	U	0.085	U
26-Jul-11			0.677	U	2.460	U	0.132	U	11.700	U	0.315	U	1.320	U	0.200	U	0.085	U					0.085	U	0.085	U
28-Oct-11			0.300	U	0.130	U	0.130	U	0.13																	

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February 2008 - April 2011

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	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Tetrachloroethene*	8-Feb-08		0.140		0.140		0.140		0.150		0.140		0.140		0.140		0.140		0.140					0.350	
	27-Mar-08 ²		12.500		6.680		13.300		16.100		26.000		7.730		23.300		4.310		23.300					0.153	
	25-Apr-08		0.180		0.254		0.179		0.282		0.231		0.276		0.228		0.298		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				0.140	U
	27-Jun-08		0.249		0.449		0.397		0.459		0.424		0.243		0.460		0.246		0.246					0.216	U
	31-Jul-08		1.030		1.000		0.877		0.880		0.795		0.872		0.252		0.287		0.287					0.154	
	28-Aug-08		0.321		0.367		0.283		0.323		0.274		0.434		0.294		0.282		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				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				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				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				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				3.400	U
	25-Feb-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				3.400	U
	26-Mar-09		1.530		1.210		1.170		0.980		1.080		1.420		1.320		1.890		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				0.136	U
	22-Jul-09		0.291		0.190		0.224		0.196		0.196		0.183		0.196		0.210		0.210					0.535	
	9-Oct-09		2.250		1.550		1.580		1.580		1.380		1.700		2.080		1.960		1.960					0.779	
	15-Jan-10		0.359		0.346		0.339		0.373		0.312		3.460		0.346		0.312		0.312					2.450	
	21-Apr-10		0.637		0.752		0.440		0.650		0.508		0.447		0.407		0.474		0.474					0.562	
	16-Jul-10		0.318		0.420		0.427		0.420		0.501		0.230		0.447		0.474		0.474					0.230	
	15-Oct-10		0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U				0.142	
	30-Nov-10		NS		0.461		NS		NS		NS		NS		0.169		NS		NS					NS	
	26-Jan-11		0.636		0.484		0.370		0.566		0.440		0.725		0.346		0.578		0.578		0.472		0.428	0.426	
	26-Jan-11**		NS		0.580		NS		NS		NS		NS		0.480		NS		NS					NS	
	27-Apr-11		0.142		0.176		0.176		0.352		0.176		0.136	U	0.149		0.136	U	0.136	U				0.285	
	26-Jul-11		0.529		0.563		0.522		0.631		0.549		0.325		0.739		0.461		0.461					0.224	
	28-Oct-11		0.100	U	0.140		0.100	U	0.100	U	0.100	U	0.110	U	0.100	U	0.100	U	0.100	U				0.068	U
	Toluene	8-Feb-08		1.240		1.140		1.120		1.150		1.240		0.990		0.910		1.030		1.030					1.480
27-Mar-08			6.470		4.040		4.150		4.520		5.920		4.210		4.570		4.040		4.040					1.560	
25-Apr-08			4.800		4.000		2.810		3.900		3.790		4.070		4.010		3.660		3.660					0.465	
29-May-08			0.930		0.790		1.330		1.060		0.870		1.060		1.020		0.670		0.670					0.320	
27-Jun-08			3.870		3.060		3.200		3.850		4.110		3.840		4.520		3.020		3.020					2.410	
31-Jul-08			2.760		2.020		1.990		2.690		2.720		2.200		1.680		1.440		1.440					1.850	
28-Aug-08			5.230		5.960		7.800		7.530		5.920		5.640		5.680		5.240		5.240					6.050	
30-Sep-08			1.900	U	1.900	U	2.500		1.900	U	1.900	U	5.000	U	1.900	U	2.300		2.300					1.900	U
27-Oct-08			6.700		6.300		6.300		6.300		6.300		3.300		3.300		6.600		6.600					8.400	
25-Nov-08			5.500		1.900	U	1.900	U	2.000	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U				1.900	U
18-Dec-08			1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U				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				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				1.900	U
26-Mar-09			6.110		4.060		3.990		3.540		3.900		4.730		5.870		6.080		6.080					5.310	
29-Apr-09			0.779		0.595		0.079	U	0.704		1.050		0.595		0.614		0.610		0.610					0.953	
22-Jul-09			1.550		1.010		2.540		1.130		3.150		3.410		3.880		7.670		7.670					6.850	
9-Oct-09			4.740		3.690		4.190		3.900		4.500		4.170		4.220		4.090		4.090					4.580	
15-Jan-10			1.920		1.580		1.520		1.690		1.690		1.540		1.620		1.630		1.630					2.860	
21-Apr-10			4.770		8.610		5.220		7.430		4.490		4.140		4.030		3.900		3.900					0.414	
16-Jul-10			2.070		1.210		1.180		1.360		2.250		1.570		3.760		1.330		1.330					0.787	
15-Oct-10			7.230		0.618		0.565		0.715		0.501		0.358		0.565		0.312		0.312					0.625	
30-Nov-10			NS		1.280		1.200		NS		NS		NS		0.825		NS		NS					NS	
26-Jan-11			5.860		5.970		5.640		6.490		5.840		6.050		5.830		7.230		7.230		5.650		4.000	7.210	
26-Jan-11**			NS		7.700		8.400		NS		NS		NS		8.300		NS		NS					NS	
27-Apr-11			0.764		0.855		1.070		1.030		1.030		0.840		0.783		0.625		0.625					0.648	
26-Jul-11			2.040		3.920		1.590		1.210		1.620		1.060		1.400		0.934		0.934					0.652	
28-Oct-11			6.700		2.800		2.900		1.800		2.500		3.600		5.200		3.100		3.100					1.400	
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				0.110
	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				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				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				0.110	U

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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		Qual
Trichloroethene*	8-Feb-08		0.110		0.120		0.110		0.107		0.110		0.110		0.350		0.110							0.110	
	27-Mar-08		0.239		0.233		0.218		0.226		0.325		0.308		0.217		0.170							0.107	
	25-Apr-08		0.107	U	0.164		0.147		0.272		0.151		0.152		0.158		0.229							0.107	
	29-May-08		0.110	U	0.110		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		0.110	U	0.107	U	0.110	U	0.107	U	0.143		0.195							0.107	U
	31-Jul-08		0.113	U	0.107		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		0.107		0.146		0.134		0.110		0.107							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	1.0	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		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	U	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		NS		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		NS		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
	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		1.060		0.870		0.930		0.990		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		1.000		1.000		0.973						0.926		
29-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		370.0	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			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		
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										

Table 1: Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011

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	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	U	Qual	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	0.051	U					0.051	U		
	25-Apr-08		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U					0.051	U		
	29-May-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U					0.050	U		
	27-Jun-08		0.050	U	0.050	U	0.050	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U					0.051	U		
	31-Jul-08		0.050	U	0.050	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U					0.051	U		
	28-Aug-08		0.051	U	0.051	U	0.051	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	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U		
	27-Oct-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U		
	25-Nov-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U		
	18-Dec-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U		
	21-Jan-09		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U		
	25-Feb-09		0.100	U	0.100	U	0.100	U	NS		0.100	U	0.100	U	0.100	U	0.100	U					0.100	U		
	26-Mar-09	0.1	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		
	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		0.051	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		
	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		
	pim-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		2.960		2.620		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			
29-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	U					4.300	U		
27-Oct-08			4.300	U	4.300	U	4.300	U	5.000	U	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					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		220.0	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			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	
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			
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											

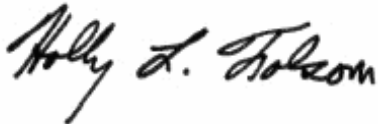
November 9, 2011

Ron Mack
EA Engineering Science & Tech. - RI
2350 Post Road
Warwick, RI 02886

Project Location: Alvarez High School
Client Job Number:
Project Number: 14687.01
Laboratory Work Order Number: 11J1071

Enclosed are results of analyses for samples received by the laboratory on October 28, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Holly L. Folsom". The signature is written in a cursive, flowing style.

Holly L. Folsom
Project Manager

EA Engineering Science & Tech. - RI
2350 Post Road
Warwick, RI 02886
ATTN: Ron Mack

REPORT DATE: 11/9/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 14687.01

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J1071

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	11J1071-01	Ambient Air		EPA TO-15	
Cafeteria	11J1071-02	Ambient Air		EPA TO-15	
Kitchen Storage Rm	11J1071-03	Ambient Air		EPA TO-15	
Elevator Hallway	11J1071-04	Ambient Air		EPA TO-15	
Rm 145	11J1071-05	Ambient Air		EPA TO-15	
Rm 152	11J1071-06	Ambient Air		EPA TO-15	
Rm 118	11J1071-07	Ambient Air		EPA TO-15	
Rm 110	11J1071-08	Ambient Air		EPA TO-15	

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 is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Acrylonitrile

11J1071-01[Gymnasium], 11J1071-02[Cafeteria], 11J1071-03[Kitchen Storage Rm], 11J1071-04[Elevator Hallway], 11J1071-05[Rm 145], 11J1071-06[Rm 152], 11J1071-07[Rm 118], 11J1071-08[Rm 110], B040615-BLK1, B040615-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:

Acrylonitrile

11J1071-01[Gymnasium], 11J1071-02[Cafeteria], 11J1071-03[Kitchen Storage Rm], 11J1071-04[Elevator Hallway], 11J1071-05[Rm 145], 11J1071-06[Rm 152], 11J1071-07[Rm 118], 11J1071-08[Rm 110], B040615-BLK1, B040615-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.



Daren J. Damboragian
Laboratory Manager

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Gymnasium
Sample ID: 11J1071-01
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:05

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1884
 Canister Size: 6 liters
 Flow Controller ID: 4084
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -1
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	3.1	1.2		7.4	2.9	0.6	11/4/11 18:59	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 18:59	WSD	
Benzene	0.12	0.015		0.38	0.048	0.6	11/4/11 18:59	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 18:59	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 18:59	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 18:59	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 18:59	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 18:59	WSD	
Carbon Tetrachloride	0.068	0.015		0.43	0.094	0.6	11/4/11 18:59	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 18:59	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 18:59	WSD	
Chloroform	0.017	0.015		0.085	0.073	0.6	11/4/11 18:59	WSD	
Chloromethane	0.62	0.030		1.3	0.062	0.6	11/4/11 18:59	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 18:59	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 18:59	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 18:59	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 18:59	WSD	
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 18:59	WSD	
Dichlorodifluoromethane (Freon 12)	0.56	0.030		2.8	0.15	0.6	11/4/11 18:59	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 18:59	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 18:59	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 18:59	WSD	
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 18:59	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 18:59	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 18:59	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 18:59	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 18:59	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 18:59	WSD	
Ethylbenzene	0.092	0.030		0.40	0.13	0.6	11/4/11 18:59	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 18:59	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 18:59	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 18:59	WSD	
Methylene Chloride	0.51	0.30		1.8	1.0	0.6	11/4/11 18:59	WSD	
4-Methyl-2-pentanone (MIBK)	0.21	0.030		0.84	0.12	0.6	11/4/11 18:59	WSD	
Styrene	ND	0.030		ND	0.13	0.6	11/4/11 18:59	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 18:59	WSD	
1,1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 18:59	WSD	
Tetrachloroethylene	ND	0.015		ND	0.10	0.6	11/4/11 18:59	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Gymnasium
Sample ID: 11J1071-01
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:05

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1884
 Canister Size: 6 liters
 Flow Controller ID: 4084
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -1
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.78	0.030		2.9	0.11	0.6	11/4/11 18:59		WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 18:59		WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 18:59		WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11 18:59		WSD
Trichlorofluoromethane (Freon 11)	0.29	0.030		1.6	0.17	0.6	11/4/11 18:59		WSD
1,2,4-Trimethylbenzene	0.062	0.030		0.30	0.15	0.6	11/4/11 18:59		WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11 18:59		WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11 18:59		WSD
m&p-Xylene	0.33	0.060		1.4	0.26	0.6	11/4/11 18:59		WSD
o-Xylene	0.10	0.030		0.44	0.13	0.6	11/4/11 18:59		WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	97.5	70-130	11/4/11 18:59
4-Bromofluorobenzene (2)	110	70-130	11/4/11 18:59

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Cafeteria
Sample ID: 11J1071-02
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 07:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1691
 Canister Size: 6 liters
 Flow Controller ID: 4105
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	5.2	1.2		12	2.9	0.6	11/4/11 19:46	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 19:46	WSD	
Benzene	0.16	0.015		0.50	0.048	0.6	11/4/11 19:46	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 19:46	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 19:46	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 19:46	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 19:46	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 19:46	WSD	
Carbon Tetrachloride	0.061	0.015		0.38	0.094	0.6	11/4/11 19:46	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 19:46	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 19:46	WSD	
Chloroform	0.023	0.015		0.11	0.073	0.6	11/4/11 19:46	WSD	
Chloromethane	0.50	0.030		1.0	0.062	0.6	11/4/11 19:46	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 19:46	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 19:46	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 19:46	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 19:46	WSD	
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 19:46	WSD	
Dichlorodifluoromethane (Freon 12)	0.48	0.030		2.4	0.15	0.6	11/4/11 19:46	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 19:46	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 19:46	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 19:46	WSD	
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 19:46	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 19:46	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 19:46	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 19:46	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 19:46	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 19:46	WSD	
Ethylbenzene	0.074	0.030		0.32	0.13	0.6	11/4/11 19:46	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 19:46	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 19:46	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 19:46	WSD	
Methylene Chloride	0.53	0.30		1.9	1.0	0.6	11/4/11 19:46	WSD	
4-Methyl-2-pentanone (MIBK)	0.12	0.030		0.49	0.12	0.6	11/4/11 19:46	WSD	
Styrene	ND	0.030		ND	0.13	0.6	11/4/11 19:46	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 19:46	WSD	
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 19:46	WSD	
Tetrachloroethylene	0.021	0.015		0.14	0.10	0.6	11/4/11 19:46	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Cafeteria
Sample ID: 11J1071-02
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 07:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1691
 Canister Size: 6 liters
 Flow Controller ID: 4105
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.74	0.030		2.8	0.11	0.6	11/4/11	19:46	WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11	19:46	WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11	19:46	WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11	19:46	WSD
Trichlorofluoromethane (Freon 11)	0.25	0.030		1.4	0.17	0.6	11/4/11	19:46	WSD
1,2,4-Trimethylbenzene	0.046	0.030		0.22	0.15	0.6	11/4/11	19:46	WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11	19:46	WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11	19:46	WSD
m&p-Xylene	0.25	0.060		1.1	0.26	0.6	11/4/11	19:46	WSD
o-Xylene	0.083	0.030		0.36	0.13	0.6	11/4/11	19:46	WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	97.8	70-130	11/4/11 19:46
4-Bromofluorobenzene (2)	112	70-130	11/4/11 19:46

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Kitchen Storage Rm
Sample ID: 11J1071-03
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 07:56

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1228
 Canister Size: 6 liters
 Flow Controller ID: 4091
 Sample Type: 30 minutes

Work Order: 11J1071
 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		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	7.1	1.2		17	2.9	0.6	11/4/11 20:33	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 20:33	WSD	
Benzene	0.20	0.015		0.64	0.048	0.6	11/4/11 20:33	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 20:33	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 20:33	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 20:33	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 20:33	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 20:33	WSD	
Carbon Tetrachloride	0.065	0.015		0.41	0.094	0.6	11/4/11 20:33	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 20:33	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 20:33	WSD	
Chloroform	0.025	0.015		0.12	0.073	0.6	11/4/11 20:33	WSD	
Chloromethane	0.67	0.030		1.4	0.062	0.6	11/4/11 20:33	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 20:33	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 20:33	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 20:33	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 20:33	WSD	
1,4-Dichlorobenzene	0.031	0.030		0.19	0.18	0.6	11/4/11 20:33	WSD	
Dichlorodifluoromethane (Freon 12)	0.54	0.030		2.7	0.15	0.6	11/4/11 20:33	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 20:33	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 20:33	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 20:33	WSD	
cis-1,2-Dichloroethylene	0.017	0.015		0.069	0.059	0.6	11/4/11 20:33	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 20:33	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 20:33	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 20:33	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 20:33	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 20:33	WSD	
Ethylbenzene	0.14	0.030		0.60	0.13	0.6	11/4/11 20:33	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 20:33	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 20:33	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 20:33	WSD	
Methylene Chloride	0.55	0.30		1.9	1.0	0.6	11/4/11 20:33	WSD	
4-Methyl-2-pentanone (MIBK)	0.50	0.030		2.1	0.12	0.6	11/4/11 20:33	WSD	
Styrene	0.071	0.030		0.30	0.13	0.6	11/4/11 20:33	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 20:33	WSD	
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 20:33	WSD	
Tetrachloroethylene	ND	0.015		ND	0.10	0.6	11/4/11 20:33	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Kitchen Storage Rm
Sample ID: 11J1071-03
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 07:56

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1228
 Canister Size: 6 liters
 Flow Controller ID: 4091
 Sample Type: 30 minutes

Work Order: 11J1071
 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		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	1.8	0.030		6.7	0.11	0.6	11/4/11 20:33		WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 20:33		WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 20:33		WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11 20:33		WSD
Trichlorofluoromethane (Freon 11)	0.45	0.030		2.5	0.17	0.6	11/4/11 20:33		WSD
1,2,4-Trimethylbenzene	0.068	0.030		0.34	0.15	0.6	11/4/11 20:33		WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11 20:33		WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11 20:33		WSD
m&p-Xylene	0.55	0.060		2.4	0.26	0.6	11/4/11 20:33		WSD
o-Xylene	0.19	0.030		0.81	0.13	0.6	11/4/11 20:33		WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	96.6	70-130	11/4/11 20:33
4-Bromofluorobenzene (2)	112	70-130	11/4/11 20:33

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Elevator Hallway
Sample ID: 11J1071-04
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 07:58

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1247
 Canister Size: 6 liters
 Flow Controller ID: 4078
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): 0
 Receipt Vacuum(in Hg): -1
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Acetone	4.2	1.2		9.9	2.9	0.6	11/4/11 21:21	WSD
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 21:21	WSD
Benzene	0.12	0.015		0.39	0.048	0.6	11/4/11 21:21	WSD
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 21:21	WSD
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 21:21	WSD
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 21:21	WSD
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 21:21	WSD
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 21:21	WSD
Carbon Tetrachloride	0.068	0.015		0.43	0.094	0.6	11/4/11 21:21	WSD
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 21:21	WSD
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 21:21	WSD
Chloroform	0.020	0.015		0.097	0.073	0.6	11/4/11 21:21	WSD
Chloromethane	0.71	0.030		1.5	0.062	0.6	11/4/11 21:21	WSD
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 21:21	WSD
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 21:21	WSD
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 21:21	WSD
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 21:21	WSD
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 21:21	WSD
Dichlorodifluoromethane (Freon 12)	0.53	0.030		2.6	0.15	0.6	11/4/11 21:21	WSD
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 21:21	WSD
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 21:21	WSD
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 21:21	WSD
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 21:21	WSD
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 21:21	WSD
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 21:21	WSD
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 21:21	WSD
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 21:21	WSD
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 21:21	WSD
Ethylbenzene	0.054	0.030		0.23	0.13	0.6	11/4/11 21:21	WSD
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 21:21	WSD
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 21:21	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 21:21	WSD
Methylene Chloride	0.54	0.30		1.9	1.0	0.6	11/4/11 21:21	WSD
4-Methyl-2-pentanone (MIBK)	0.14	0.030		0.56	0.12	0.6	11/4/11 21:21	WSD
Styrene	ND	0.030		ND	0.13	0.6	11/4/11 21:21	WSD
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 21:21	WSD
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 21:21	WSD
Tetrachloroethylene	0.037	0.015		0.25	0.10	0.6	11/4/11 21:21	WSD

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Elevator Hallway
Sample ID: 11J1071-04
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 07:58

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1247
 Canister Size: 6 liters
 Flow Controller ID: 4078
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): 0
 Receipt Vacuum(in Hg): -1
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.47	0.030		1.8	0.11	0.6	11/4/11 21:21		WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 21:21		WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 21:21		WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11 21:21		WSD
Trichlorofluoromethane (Freon 11)	0.29	0.030		1.6	0.17	0.6	11/4/11 21:21		WSD
1,2,4-Trimethylbenzene	0.058	0.030		0.29	0.15	0.6	11/4/11 21:21		WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11 21:21		WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11 21:21		WSD
m&p-Xylene	0.17	0.060		0.75	0.26	0.6	11/4/11 21:21		WSD
o-Xylene	0.061	0.030		0.26	0.13	0.6	11/4/11 21:21		WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.0	70-130	11/4/11 21:21
4-Bromofluorobenzene (2)	111	70-130	11/4/11 21:21

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 145
Sample ID: 11J1071-05
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:08

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1020
 Canister Size: 6 liters
 Flow Controller ID: 4083
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -4
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	5.4	1.2		13	2.9	0.6	11/4/11 22:08	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 22:08	WSD	
Benzene	0.14	0.015		0.46	0.048	0.6	11/4/11 22:08	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 22:08	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 22:08	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 22:08	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 22:08	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 22:08	WSD	
Carbon Tetrachloride	0.069	0.015		0.43	0.094	0.6	11/4/11 22:08	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 22:08	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 22:08	WSD	
Chloroform	0.017	0.015		0.082	0.073	0.6	11/4/11 22:08	WSD	
Chloromethane	0.49	0.030		1.0	0.062	0.6	11/4/11 22:08	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 22:08	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 22:08	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 22:08	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 22:08	WSD	
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 22:08	WSD	
Dichlorodifluoromethane (Freon 12)	0.53	0.030		2.6	0.15	0.6	11/4/11 22:08	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 22:08	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 22:08	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 22:08	WSD	
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 22:08	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 22:08	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 22:08	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 22:08	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 22:08	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 22:08	WSD	
Ethylbenzene	0.11	0.030		0.49	0.13	0.6	11/4/11 22:08	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 22:08	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 22:08	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 22:08	WSD	
Methylene Chloride	1.6	0.30		5.7	1.0	0.6	11/4/11 22:08	WSD	
4-Methyl-2-pentanone (MIBK)	0.36	0.030		1.5	0.12	0.6	11/4/11 22:08	WSD	
Styrene	ND	0.030		ND	0.13	0.6	11/4/11 22:08	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 22:08	WSD	
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 22:08	WSD	
Tetrachloroethylene	ND	0.015		ND	0.10	0.6	11/4/11 22:08	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 145
Sample ID: 11J1071-05
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:08

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1020
 Canister Size: 6 liters
 Flow Controller ID: 4083
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -4
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	1.4	0.030		5.2	0.11	0.6	11/4/11 22:08		WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 22:08		WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11 22:08		WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11 22:08		WSD
Trichlorofluoromethane (Freon 11)	0.33	0.030		1.9	0.17	0.6	11/4/11 22:08		WSD
1,2,4-Trimethylbenzene	0.064	0.030		0.31	0.15	0.6	11/4/11 22:08		WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11 22:08		WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11 22:08		WSD
m&p-Xylene	0.43	0.060		1.9	0.26	0.6	11/4/11 22:08		WSD
o-Xylene	0.15	0.030		0.66	0.13	0.6	11/4/11 22:08		WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.1	70-130	11/4/11 22:08
4-Bromofluorobenzene (2)	112	70-130	11/4/11 22:08

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 152
Sample ID: 11J1071-06
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:09

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1842
 Canister Size: 6 liters
 Flow Controller ID: 4077
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -3
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	6.3	1.2		15	2.9	0.6	11/4/11 22:55	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 22:55	WSD	
Benzene	0.13	0.015		0.43	0.048	0.6	11/4/11 22:55	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 22:55	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 22:55	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 22:55	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 22:55	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 22:55	WSD	
Carbon Tetrachloride	0.068	0.015		0.43	0.094	0.6	11/4/11 22:55	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 22:55	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 22:55	WSD	
Chloroform	0.017	0.015		0.082	0.073	0.6	11/4/11 22:55	WSD	
Chloromethane	0.52	0.030		1.1	0.062	0.6	11/4/11 22:55	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 22:55	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 22:55	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 22:55	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 22:55	WSD	
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 22:55	WSD	
Dichlorodifluoromethane (Freon 12)	0.56	0.030		2.8	0.15	0.6	11/4/11 22:55	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 22:55	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 22:55	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 22:55	WSD	
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 22:55	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 22:55	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 22:55	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 22:55	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 22:55	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 22:55	WSD	
Ethylbenzene	0.096	0.030		0.42	0.13	0.6	11/4/11 22:55	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 22:55	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 22:55	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 22:55	WSD	
Methylene Chloride	1.6	0.30		5.5	1.0	0.6	11/4/11 22:55	WSD	
4-Methyl-2-pentanone (MIBK)	0.30	0.030		1.2	0.12	0.6	11/4/11 22:55	WSD	
Styrene	ND	0.030		ND	0.13	0.6	11/4/11 22:55	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 22:55	WSD	
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 22:55	WSD	
Tetrachloroethylene	ND	0.015		ND	0.10	0.6	11/4/11 22:55	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 152
Sample ID: 11J1071-06
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:09

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1842
 Canister Size: 6 liters
 Flow Controller ID: 4077
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -3
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.82	0.030		3.1	0.11	0.6	11/4/11	22:55	WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11	22:55	WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11	22:55	WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11	22:55	WSD
Trichlorofluoromethane (Freon 11)	0.33	0.030		1.8	0.17	0.6	11/4/11	22:55	WSD
1,2,4-Trimethylbenzene	0.067	0.030		0.33	0.15	0.6	11/4/11	22:55	WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11	22:55	WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11	22:55	WSD
m&p-Xylene	0.34	0.060		1.5	0.26	0.6	11/4/11	22:55	WSD
o-Xylene	0.11	0.030		0.47	0.13	0.6	11/4/11	22:55	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.4	70-130	11/4/11 22:55
4-Bromofluorobenzene (2)	112	70-130	11/4/11 22:55

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 118
Sample ID: 11J1071-07
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:15

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1835
 Canister Size: 6 liters
 Flow Controller ID: 4079
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -27
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -3
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	4.7	1.2		11	2.9	0.6	11/4/11 23:42	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/4/11 23:42	WSD	
Benzene	0.13	0.015		0.41	0.048	0.6	11/4/11 23:42	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/4/11 23:42	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/4/11 23:42	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/4/11 23:42	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/4/11 23:42	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/4/11 23:42	WSD	
Carbon Tetrachloride	0.067	0.015		0.42	0.094	0.6	11/4/11 23:42	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/4/11 23:42	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/4/11 23:42	WSD	
Chloroform	0.016	0.015		0.079	0.073	0.6	11/4/11 23:42	WSD	
Chloromethane	0.62	0.030		1.3	0.062	0.6	11/4/11 23:42	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/4/11 23:42	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/4/11 23:42	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 23:42	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 23:42	WSD	
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/4/11 23:42	WSD	
Dichlorodifluoromethane (Freon 12)	0.56	0.030		2.8	0.15	0.6	11/4/11 23:42	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 23:42	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/4/11 23:42	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 23:42	WSD	
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 23:42	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/4/11 23:42	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/4/11 23:42	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/4/11 23:42	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/4/11 23:42	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/4/11 23:42	WSD	
Ethylbenzene	0.11	0.030		0.48	0.13	0.6	11/4/11 23:42	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/4/11 23:42	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/4/11 23:42	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/4/11 23:42	WSD	
Methylene Chloride	ND	0.30		ND	1.0	0.6	11/4/11 23:42	WSD	
4-Methyl-2-pentanone (MIBK)	0.20	0.030		0.80	0.12	0.6	11/4/11 23:42	WSD	
Styrene	0.078	0.030		0.33	0.13	0.6	11/4/11 23:42	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/4/11 23:42	WSD	
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/4/11 23:42	WSD	
Tetrachloroethylene	ND	0.015		ND	0.10	0.6	11/4/11 23:42	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 118
Sample ID: 11J1071-07
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:15

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1835
 Canister Size: 6 liters
 Flow Controller ID: 4079
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -27
 Final Vacuum(in Hg): -3
 Receipt Vacuum(in Hg): -3
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.66	0.030		2.5	0.11	0.6	11/4/11	23:42	WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11	23:42	WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/4/11	23:42	WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/4/11	23:42	WSD
Trichlorofluoromethane (Freon 11)	0.34	0.030		1.9	0.17	0.6	11/4/11	23:42	WSD
1,2,4-Trimethylbenzene	0.047	0.030		0.23	0.15	0.6	11/4/11	23:42	WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/4/11	23:42	WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/4/11	23:42	WSD
m&p-Xylene	0.30	0.060		1.3	0.26	0.6	11/4/11	23:42	WSD
o-Xylene	0.10	0.030		0.45	0.13	0.6	11/4/11	23:42	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.0	70-130	11/4/11 23:42
4-Bromofluorobenzene (2)	112	70-130	11/4/11 23:42

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 110
Sample ID: 11J1071-08
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:17

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1862
 Canister Size: 6 liters
 Flow Controller ID: 4106
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -5
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	4.1	1.2		9.7	2.9	0.6	11/5/11 0:29	WSD	
Acrylonitrile	ND	0.17	L-03, V-05	ND	0.37	0.6	11/5/11 0:29	WSD	
Benzene	0.14	0.015		0.45	0.048	0.6	11/5/11 0:29	WSD	
Bromodichloromethane	ND	0.015		ND	0.10	0.6	11/5/11 0:29	WSD	
Bromoform	ND	0.030		ND	0.31	0.6	11/5/11 0:29	WSD	
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	11/5/11 0:29	WSD	
n-Butylbenzene	ND	0.086		ND	0.47	0.6	11/5/11 0:29	WSD	
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	11/5/11 0:29	WSD	
Carbon Tetrachloride	0.065	0.015		0.41	0.094	0.6	11/5/11 0:29	WSD	
Chlorobenzene	ND	0.015		ND	0.069	0.6	11/5/11 0:29	WSD	
Chloroethane	ND	0.030		ND	0.079	0.6	11/5/11 0:29	WSD	
Chloroform	0.017	0.015		0.082	0.073	0.6	11/5/11 0:29	WSD	
Chloromethane	0.46	0.030		0.96	0.062	0.6	11/5/11 0:29	WSD	
Dibromochloromethane	ND	0.030		ND	0.26	0.6	11/5/11 0:29	WSD	
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	11/5/11 0:29	WSD	
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/5/11 0:29	WSD	
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/5/11 0:29	WSD	
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	11/5/11 0:29	WSD	
Dichlorodifluoromethane (Freon 12)	0.51	0.030		2.5	0.15	0.6	11/5/11 0:29	WSD	
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	11/5/11 0:29	WSD	
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	11/5/11 0:29	WSD	
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/5/11 0:29	WSD	
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/5/11 0:29	WSD	
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	11/5/11 0:29	WSD	
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	11/5/11 0:29	WSD	
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	11/5/11 0:29	WSD	
cis-1,3-Dichloropropene	ND	0.030		ND	0.14	0.6	11/5/11 0:29	WSD	
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	11/5/11 0:29	WSD	
Ethylbenzene	0.11	0.030		0.49	0.13	0.6	11/5/11 0:29	WSD	
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	11/5/11 0:29	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	11/5/11 0:29	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	11/5/11 0:29	WSD	
Methylene Chloride	0.36	0.30		1.2	1.0	0.6	11/5/11 0:29	WSD	
4-Methyl-2-pentanone (MIBK)	0.23	0.030		0.93	0.12	0.6	11/5/11 0:29	WSD	
Styrene	ND	0.030		ND	0.13	0.6	11/5/11 0:29	WSD	
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	11/5/11 0:29	WSD	
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	11/5/11 0:29	WSD	
Tetrachloroethylene	0.016	0.015		0.11	0.10	0.6	11/5/11 0:29	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Rm 110
Sample ID: 11J1071-08
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 08:17

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1862
 Canister Size: 6 liters
 Flow Controller ID: 4106
 Sample Type: 30 minutes

Work Order: 11J1071
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -5
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.95	0.030		3.6	0.11	0.6	11/5/11	0:29	WSD
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	11/5/11	0:29	WSD
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	11/5/11	0:29	WSD
Trichloroethylene	ND	0.015		ND	0.081	0.6	11/5/11	0:29	WSD
Trichlorofluoromethane (Freon 11)	0.35	0.030		1.9	0.17	0.6	11/5/11	0:29	WSD
1,2,4-Trimethylbenzene	0.052	0.030		0.26	0.15	0.6	11/5/11	0:29	WSD
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	11/5/11	0:29	WSD
Vinyl Chloride	ND	0.015		ND	0.038	0.6	11/5/11	0:29	WSD
m&p-Xylene	0.40	0.060		1.7	0.26	0.6	11/5/11	0:29	WSD
o-Xylene	0.13	0.030		0.55	0.13	0.6	11/5/11	0:29	WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	96.5	70-130	11/5/11 0:29
4-Bromofluorobenzene (2)	112	70-130	11/5/11 0:29

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
11J1071-01 [Gymnasium]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-02 [Cafeteria]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-03 [Kitchen Storage Rm]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-04 [Elevator Hallway]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-05 [Rm 145]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-06 [Rm 152]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-07 [Rm 118]	B040615	1.5	1	N/A	1000	400	1000	11/04/11
11J1071-08 [Rm 110]	B040615	1.5	1	N/A	1000	400	1000	11/04/11

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD Limit	Flag
	Results	RL	Results	RL	ppbv	Result	%REC	RPD		

Batch B040615 - TO-15 Prep

Blank (B040615-BLK1)

Prepared & Analyzed: 11/04/11

Acetone	ND	2.0								
Acrylonitrile	ND	0.12								L-03, V-05
Benzene	ND	0.010								
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	0.010								
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	0.010								
1,1-Dichloroethylene	ND	0.010								
cis-1,2-Dichloroethylene	ND	0.010								
trans-1,2-Dichloroethylene	ND	0.010								
1,2-Dichloropropane	ND	0.010								
1,3-Dichloropropane	ND	0.054								
cis-1,3-Dichloropropene	ND	0.020								
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								
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								

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		

Batch B040615 - TO-15 Prep

Blank (B040615-BLK1)

Prepared & Analyzed: 11/04/11

m&p-Xylene	ND	0.040									
o-Xylene	ND	0.020									
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	7.66				8.00		95.8	70-130			
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	8.85				8.00		111	70-130			

LCS (B040615-BS1)

Prepared & Analyzed: 11/04/11

Acetone	3.98				5.00		79.6	50-150			
Acrylonitrile	1.94				2.88		67.5 *	70-130			L-03, V-05
Benzene	3.92				5.00		78.5	70-130			
Bromodichloromethane	4.17				5.00		83.4	70-130			
Bromoform	5.04				5.00		101	70-130			
2-Butanone (MEK)	4.21				5.00		84.1	70-130			
n-Butylbenzene	0.956				1.14		83.9	50-150			
sec-Butylbenzene	0.927				1.14		81.3	50-150			
Carbon Tetrachloride	4.83				5.00		96.7	70-130			
Chlorobenzene	4.22				5.00		84.4	70-130			
Chloroethane	4.26				5.00		85.1	70-130			
Chloroform	4.60				5.00		92.0	70-130			
Chloromethane	4.40				5.00		87.9	70-130			
Dibromochloromethane	4.68				5.00		93.7	70-130			
1,2-Dibromoethane (EDB)	4.11				5.00		82.1	70-130			
1,2-Dichlorobenzene	4.45				5.00		89.0	70-130			
1,3-Dichlorobenzene	4.65				5.00		92.9	70-130			
1,4-Dichlorobenzene	4.47				5.00		89.5	70-130			
Dichlorodifluoromethane (Freon 12)	5.01				5.00		100	70-130			
1,1-Dichloroethane	4.47				5.00		89.5	70-130			
1,2-Dichloroethane	4.35				5.00		87.0	70-130			
1,1-Dichloroethylene	4.47				5.00		89.4	70-130			
cis-1,2-Dichloroethylene	4.40				5.00		87.9	70-130			
trans-1,2-Dichloroethylene	4.49				5.00		89.8	70-130			
1,2-Dichloropropane	3.87				5.00		77.4	70-130			
1,3-Dichloropropane	0.972				1.35		72.0	70-130			
cis-1,3-Dichloropropene	4.38				5.00		87.6	70-130			
trans-1,3-Dichloropropene	3.96				5.00		79.1	70-130			
Ethylbenzene	4.43				5.00		88.6	70-130			
Isopropylbenzene (Cumene)	1.04				1.27		81.8	70-130			
p-Isopropyltoluene (p-Cymene)	0.914				1.14		80.2	50-150			
Methyl tert-Butyl Ether (MTBE)	4.79				5.00		95.7	70-130			
Methylene Chloride	4.50				5.00		90.0	70-130			
4-Methyl-2-pentanone (MIBK)	3.53				5.00		70.6	70-130			
Styrene	4.56				5.00		91.2	70-130			
1,1,1,2-Tetrachloroethane	0.692				0.910		76.0	50-150			
1,1,2,2-Tetrachloroethane	4.04				5.00		80.8	70-130			
Tetrachloroethylene	4.20				5.00		83.9	70-130			
Toluene	4.37				5.00		87.4	70-130			
1,1,1-Trichloroethane	4.22				5.00		84.5	70-130			
1,1,2-Trichloroethane	4.45				5.00		89.0	70-130			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	%REC			

Batch B040615 - TO-15 Prep

LCS (B040615-BS1)

Prepared & Analyzed: 11/04/11

Trichloroethylene	4.09				5.00		81.8	70-130		
Trichlorofluoromethane (Freon 11)	4.21				5.00		84.1	70-130		
1,2,4-Trimethylbenzene	4.57				5.00		91.5	70-130		
1,3,5-Trimethylbenzene	4.57				5.00		91.4	70-130		
Vinyl Chloride	4.22				5.00		84.5	70-130		
m&p-Xylene	9.11				10.0		91.1	70-130		
o-Xylene	4.38				5.00		87.5	70-130		
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.91</i>				<i>8.00</i>		<i>98.8</i>	<i>70-130</i>		
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	<i>9.01</i>				<i>8.00</i>		<i>113</i>	<i>70-130</i>		

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-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.

CERTIFICATIONS

Certified Analyses included in this Report

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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EPA TO-15 in Air

o-Xylene AIHA,FL,NJ,NY

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013



Phone: 413-525-2332
 Fax: 413-525-6405
 Email: info@contestlabs.com
 www.contestlabs.com

AIR SAMPLE CHAIN OF CUSTODY

RECORD

11J1071

39 SPRUCE ST
 EAST LONGMEADOW, MA 01028

Company Name: EA Engineers

Address: 2374 Post Road, S. 102

Worcester RI 02886

Attention: Ken Muck

Project Location: Alverez High School

Sampled By: PT & MT

Proposal Provided? (For Billing purposes)

yes no proposal date

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

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Fax #: _____
 Email: cmuck@east.com
 Format: EXCEL PDF GIS KEY OTHER _____

Field ID	Sample Description	Media	Lab #
	Gymnasium	S	01
	Cafeteria		02
	Kitchen Storage Room		03
	Elevator Hallway		04
	Room 145		05
	Room 152		06
	Room 118		07
	Room 110		08

Laboratory Comments:

CLIENT COMMENTS:

Date Sampled	Start	Stop	Total	FLOW RATE		Volume	Matrix Code*
				M ³ /Min. or L/Min.	Liters or M ³		
10/28/11	0735	0805	30	0.2L/min	6L	AMB	TO-15 SIM
	0726	0755	29				
	0727	0756	29				
	0729	0758	29				
	0738	0808	30				
	0739	0809	30				
	0745	0815	30				
	0747	0817	30				

Relinquished by: (signature) _____ Date/Time: 10/28/11 1345

Received by: (signature) _____ Date/Time: 10/28/11 145

Relinquished by: (signature) _____ Date/Time: 10/28/11 345

Received by: (signature) _____ Date/Time: 10/28/11 1545

Turnaround **

7-Day 10-Day Other _____

RUSH *

*24-Hr *48-Hr *72-Hr *4-Day

Approval Required

Special Requirements

Regulations: CT Dept Proposed Vol 14.12.12

Data Enhancement/RCP? Y N

Enhanced Data Package Y N

(Surcharge Applies)

Required Detection Limits: _____

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

ANALYSIS REQUESTED

Hg

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

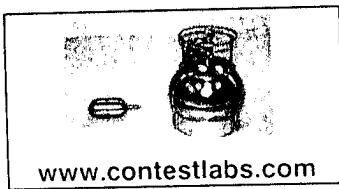
Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Summa Canister ID	Flow Controller ID
1884	4084
1691	4105
1228	4091
1247	4078
1020	4083
1842	4077
1835	4079
1862	4106

** 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



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

AIR Only Receipt Checklist

CLIENT NAME: EA Engineering RECEIVED BY: MIX DATE: 10/28/11

- 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
- 5) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Stored where:

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: _____

Air Media received at Con-Test			
		# of Containers	Types (Size, Duration)
Air Sampling Media	Summa Cans	8	1L
	Tedlar Bags		
	Tubes		
Flow Controllers	Regulators	8	30min
	Restrictors		
Extras	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:



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: EA Engineering Science & Tech. - RI

Project Location: Alvarez High School

Project Number: 11J1071

Laboratory Sample ID(s):

Sample Date(s):

11J1071-01 thru 11J1071-08

10/28/2011

List RCP Methods Used:

EPA TO-15

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5A	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5B	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:

Position: Laboratory Manager

Printed Name: Daren J. Damboragian

Date: 11/09/11

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

APPENDIX C

Subslab Vapor Analytical Summary and Lab Report

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		NS		
	25-Apr-08	NS		NS		188.000		NS		NS		NS		513.000		NS		34.000		NS		NS		
	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		NS		
	31-Jul-08	NS		101.000		NS		NS		NS		NS		NS		NS		14.400		NS		NS		
	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		NS		
	27-Oct-08	19.600		NS		NS		NS		15.000		NS		NS		NS		17.900		NS		NS		
	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		NS		
	21-Jan-09	NS		NS		NS		19.100		NS		NS		NS		6.100		2.400	U	NS		NS		
	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		NS		
	29-Apr-09	NS		NS		1980.000		NS		NS		NS		23.300		NS		5.150		NS		NS		
	22-Jul-09	58.500		NS		58.5		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		NS		
	15-Jan-10	33.600		NS		90.900		22.800		NS		NS		26.300		NS		12.500		11.200		NS		
	21-Apr-10	NS		21.900		NS		NS		206.000		NS		263.000		2870.000		72.800		NS		NS		
	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		NS		
	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		NS		
	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		NS	U	NS		NS	U	48.000	U	51.000		NS		NS	U	
	Acrylonitrile	8-Feb-08	1.080	U	NS		NS		NS		1.080	U	NS		NS		NS		1.080	U	1.080	U	NS	U
		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	NS		NS	U	
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	U	
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	U	
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		NS		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	U	
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	U	
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		NS		1.080	U	NS		1.080	U	NS		NS		1.080	U	NS		NS	U	
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	U	
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	U	
28-Feb-11		NS		NS		10.800	U	NS		NS		NS		NS		NS		NS		NS		NS	U	
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	U	
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	
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		NS		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	U	
	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		NS		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	U	
	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		NS		0.367		
	22-Jul-09	1.120	U	NS		56.000		2.230	U	NS		1.450		NS		NS		NS		4.270		NS		
	9-Oct-09	NS		1.150																				

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
Bromodichloromethane	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	NS		0.134	U	
	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		NS		1.070		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		NS		0.130	U	NS		NS		0.130	U	0.130	U	NS		
	26-Mar-09	NS		0.670	U	NS		NS		NS		NS		1.340	U	NS		NS		0.134	U	0.134	U	
	29-Apr-09	NS		NS		0.134	U	NS		NS		NS		NS		0.134	U	NS		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		NS		0.670	U	NS		0.670	U	0.134	U	NS		0.134	U	
	16-Jul-10	0.134	U	NS		0.134	U	NS		0.134	U	NS		1.010	U	NS		0.134	U	NS		0.134	U	
	15-Oct-10	NS		0.134	U	NS		NS		NS		0.134	U	NS		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		NS		0.134	U	NS		0.134	U	0.134	U	NS		0.134	U	
	26-Jul-11	0.447	U	NS		NS		0.447	U	0.134	U	NS		NS		NS		0.134	U	0.670	U	NS		
	28-Oct-11	NS		3.400	U	NS		NS		NS		3.400	U	NS		3.400	U	3.400	U	NS		3.400	U	
	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	NS		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		NS		0.410	U	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	NS		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	NS		NS		0.410	U	
25-Feb-09		0.410	U	NS		NS		NS		0.140	U	NS		NS		NS		0.410	U	NS		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		NS		NS		NS		
22-Jul-09		1.030	U	NS		42.000	U	2.060	U	NS		NS		1.030	U	NS		0.206	U	0.206	U	NS		
9-Oct-09		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	43.100	U	0.206	U	NS		
15-Jan-10		0.206	U	NS		0.206	U	NS		0.206	U	NS		0.206	U	NS		NS		0.206	U	NS		
21-Apr-10		NS		0.206	U	NS		NS		NS		1.030	U	NS		1.030	U	NS		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	NS		NS		
15-Oct-10		NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	NS		0.206	U	NS		NS		
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		NS		0.206	U	NS		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		NS		1.030	U	NS		
28-Oct-11		NS		5.200	U	NS		NS		NS		5.200	U	NS		5.200	U	5.200	U	NS		5.200	U	
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		NS		12.000		NS		2.560		
	28-Aug-08	NS		NS		8380.000		NS		NS		NS		NS		102.000		5.290		9.180		NS		
	30-Sep-08	NS		NS		NS		101.000		NS		NS		NS		NS		NS		2.000		1.500	U	
	27-Oct-08	53.500		NS		NS		NS		30.500		NS		NS		NS		NS		NS		5.700		
	25-Nov-08	NS		802.000		NS		NS		NS		259.000		NS		NS		NS		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		NS		NS		NS		1.500	U	
	25-Feb-09	30.000		NS		NS		NS		198.000		NS		NS		NS		NS		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		NS		NS		NS		NS		3.060		
	22-Jul-09	433.000		NS		NS		410.000		NS		NS		151.000		NS		NS		2.800		NS		
	9-Oct-09	NS																						

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
n-Butylbenzene	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	NS		2.740	U	
	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		NS		2.740	U	NS		
	28-Aug-08	NS		NS		2.740	U	NS		NS		NS		NS		2.740	U	NS		2.740	U	NS		
	30-Sep-08	NS		NS		NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		5.500	U	
	27-Oct-08	22.100		NS		NS		NS		NS		5.500	U	NS		NS		NS		12.800		NS		
	25-Nov-08	NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		5.500	U	11.500		
	18-Dec-08	NS		NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		5.500	U	
	21-Jan-09	NS		NS		NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		
	25-Feb-09	5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		NS		5.500	U	5.500	U	
	26-Mar-09	NS		13.700	U	NS		NS		NS		NS		27.400	U	NS		NS		NS		2.740	U	
	29-Apr-09	NS		NS		2.740	U	NS		NS		NS		NS		2.740	U	NS		NS		2.740	U	
	22-Jul-09	13.700	U	NS		13.700	U	27.400	U	NS		NS		13.700	U	NS		NS		2.740	U	2.740	U	
	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		NS		2.740	U	NS		2.740	U	2.740	U	NS		
	21-Apr-10	NS		2.740	U	NS		NS		NS		13.700	U	NS		13.700	U	2.740	U	NS		2.740	U	
	16-Jul-10	2.740	U	NS		2.740	U	NS		NS		20.700	U	NS		NS		2.740	U	2.740	U	NS		
	15-Oct-10	NS		2.740	U	NS		NS		NS		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		NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	
	28-Feb-11	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	27-Apr-11	NS		2.745	U	NS		NS		NS		2.740	U	NS		2.740	U	2.740	U	NS		2.740	U	
	26-Jul-11	9.170	U	NS		9.170	U	2.740	U	NS		NS		13.700	U	NS		NS		2.740	U	13.700	U	
	28-Oct-11	NS		7.900	U	NS		NS		NS		7.900	U	NS		7.900	U	7.900	U	7.900	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		NS		NS		2.740	U	NS		2.740	U	
29-May-08		NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		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	NS		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		NS		5.500	U	NS		NS		NS		5.500	U	NS		
25-Nov-08		NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		5.500	U	NS		
18-Dec-08		NS		NS		5.500	U	NS		NS		NS		5.500	U	NS		NS		NS		5.500	U	
21-Jan-09		NS		NS		NS		5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		
25-Feb-09		5.500	U	NS		NS		NS		NS		5.500	U	NS		NS		NS		5.500	U	NS		
26-Mar-09		NS		13.700	U	NS		NS		NS		NS		27.400	U	NS		NS		NS		2.740	U	
29-Apr-09		NS		NS		2.740	U	NS		NS		NS		NS		NS		NS		2.740	U	NS		
22-Jul-09		13.700	U	NS		13.700	U	27.400	U	NS		NS		13.700	U	NS		NS		2.740	U	2.740	U	
9-Oct-09		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	573.000	U	2.740	U	NS		
15-Jan-10		2.740	U	NS		2.740	U	NS		NS		NS		2.740	U	NS		NS		2.740	U	NS		
21-Apr-10		NS		2.740	U	NS		NS		NS		13.700	U	NS		13.700	U	NS		2.740	U	NS		
16-Jul-10		2.740	U	NS		2.74	U	2.740	U	NS		NS		20.700	U	NS		2.740	U	2.740	U	NS		
15-Oct-10		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	2.740	U	NS		2.740	U	
26-Jan-11		27.400	U	2.740	U	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	
28-Feb-11		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
27-Apr-11		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	2.740	U	NS		2.470	U	
26-Jul-11		9.170	U	NS		9.170	U	2.740	U	NS		NS		13.700	U	NS		NS		2.740	U	13.700	U	
28-Oct-11		NS		6.300	U	NS		NS		NS		6.300	U	NS		6.300	U	6.300	U	6.300	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		NS		0.577		NS		0.469		
	27-Oct-08	0.480		NS		NS		NS		0.360		NS		NS		NS		NS		0.410		NS		
	25-Nov-08	NS		0.500		NS		NS		NS		NS		0.420		NS		NS		0.300		0.440		
	18-Dec-08	NS		NS		0.230		NS		NS		NS		NS		0.280		NS		NS		0.480		
	21-Jan-09	NS		NS		NS		0.360		NS		NS		NS		NS		0.470		NS		0.670		
	25-Feb-09	0.390		NS		NS		NS		0.360		NS		NS		NS		NS		0.370		0.360		
	26-Mar-09	NS		0.629	U	NS		NS		NS		1.260	U	NS		NS		NS		NS		0.601		
	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		NS		0.629	U	NS		NS		0.515		0.503		
	9-Oct-09	NS		0.691		NS		NS		0.666		NS		NS		0.465		26.200	U	0.710		NS		
	15-Jan-10	0.427		NS		0.647		0.509		NS		NS		0.541		NS		NS		0.541		0.528		
	21-Apr-10	NS		0.126		NS		NS		0.629	U	NS		NS		0.629	U	0.629	U	0.610		NS		
	16-Jul-10	0.459		NS		0.478		0.515		NS		NS		0.950	U	NS		NS		0.559		0.509		
	15-Oct-10	NS		0.509		NS		NS		0.434		NS		NS		0.383		0.402		NS		NS		
	26-Jan-11	1.260	U	0.415		NS		0.415		NS		NS		0.629	U	NS		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		NS		0.339		NS		0.330		0.364		0.339		NS		
	26-Jul-11	0.440		NS		0.420	U	0.409		NS		NS		0.629	U	NS		NS		0.402		0.629	U	
	28-Oct-11	NS		3.100	U	NS		NS		NS		3.100	U	NS		3.100	U	3.100	U	3.100	U	NS		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		
		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	
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	NS		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		NS		2.300	U	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	2.300	U	
	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		NS		2.300	U	NS		NS		2.300	U	2.300	U	2.300	U	
	26-Mar-09	NS		0.460	U	NS		NS		NS		0.920	U	NS		NS		NS		0.920	U	0.920	U	
	29-Apr-09	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		NS		0.092	U	NS		
	22-Jul-09	0.460	U	NS		18.800	U	0.920	U	NS		0.460	U	NS		0.460	U	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		NS		0.092	U	NS		0.092	U	0.092	U	NS		
	21-Apr-10	NS		0.092	U	NS		NS		NS		0.460	U	NS		0.460	U	0.092	U	NS		0.092	U	
	16-Jul-10	0.092	U	NS		0.092	U	0.212	U	NS		NS		0.695	U	NS		0.092	U	0.092	U	NS		
	15-Oct-10	NS		0.092	U	NS		NS		NS		0.129	U	NS		0.106	U	0.101	U	NS		NS		
	26-Jan-11	0.920	U	0.092	U	NS		0.092	U	NS		NS		0.460	U	NS		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		NS		0.092	U	NS		0.092	U	0.092	U	NS		NS		
	26-Jul-11	0.307	U	NS		0.307	U	0.092	U	NS		NS		0.460	U	NS		0.092	U	0.460	U	NS		
	28-Oct-11	NS		2.300	U	NS		NS		NS		2.300	U	NS		2.300	U	2.300	U	NS		2.300	U	
	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		0.139	U	NS		NS		0.053	U	NS		0.053	U	
29-May-08		NS		NS		NS		0.110	U	NS		NS		NS		0.100	U	0.070	U	NS		NS		
27-Jun-08		0.082	U	NS		NS		NS		0.132	U	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	U	NS		0.053	U	0.075	U	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		NS		1.300	U	NS		NS		1.300	U	NS		1.600	U	
25-Nov-08		NS		1.300	U	NS		NS		NS		NS		NS		NS		1.300	U	1.300	U	NS		
18-Dec-08		NS		NS		1.300	U	NS		NS		NS		1.300	U	NS		NS		1.300	U	1.300	U	
21-Jan-09		NS		NS		NS		1.300	U	NS		NS		NS		NS		1.300	U	NS		1.300	U	
25-Feb-09		1.300	U	NS		NS		NS		1.300	U	NS		NS		NS		1.300	U	1.300	U	NS		
26-Mar-09		NS		0.264	U	NS		NS		NS		0.527	U	NS		NS		NS		NS		0.121	U	
29-Apr-09		NS		NS		0.137	U	NS		NS		NS		0.063	U	NS		0.053	U	NS		0.053	U	
22-Jul-09		0.264	U	NS		10.800	U	0.527	U	NS		0.277	U	NS		NS		0.053	U	0.061	U	NS		
9-Oct-09		NS		0.053	U	NS		NS		0.058	U	NS		0.406	U	11.000	U	0.053	U	NS		0.053	U	
15-Jan-10		0.053	U	NS		0.074	U	0.066	U	NS		0.053	U	NS		NS		NS		0.053	U	NS		
21-Apr-10		NS		0.074	U	NS		NS		0.264	U	NS		0.303	U	0.303	U	0.053	U	NS		0.116	U	
16-Jul-10		0.100	U	NS		2.550	U	0.166	U	NS		0.398	U	NS		NS		0.053	U	0.087	U	NS		
15-Oct-10		NS		0.053	U	NS		NS		0.082	U	NS		0.071	U	0.053	U	0.053	U	NS		0.053	U	
26-Jan-11		0.527	U	0.053	U	NS		0.077	U	NS		0.264	U	NS		0.264	U	0.264	U	0.264	U	NS		
28-Feb-11		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
27-Apr-11		NS		0.053	U	NS		NS		0.079	U	NS		0.082	U	0.053	U	0.053	U	NS		0.053	U	
26-Jul-11		0.176	U	NS		0.176	U	0.116	U	NS		0.264	U	NS		NS		0.053	U	0.264	U	NS		
28-Oct-11		NS		1.300	U	NS		NS		NS		1.300	U	NS		1.300	U	1.300	U	NS		1.300	U	
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	U	NS		NS		NS		0.453		0.847	
	25-Apr-08	NS		NS		0.231	U	NS		NS		NS		0.203	U	NS		NS		NS		0.265		
	29-May-08	NS		NS		NS		0.140	U	NS		NS		NS		0.100	U	0.110		0.140		NS		
	27-Jun-08	0.263	U	NS		NS		NS		0.623	U	NS		NS		NS		NS		0.305		0.395		
	31-Jul-08	NS		0.145	U	NS		NS		NS		NS		NS		NS		0.130		NS		0.124		
	28-Aug-08	NS		NS		0.098	U	NS		NS		NS		NS		1.200	U	0.331		0.386		NS		
	30-Sep-08	NS		NS		NS		0.490	U	NS		NS		NS		NS		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		NS		0.240	U	NS		0.240	U	
	25-Feb-09	0.240	U	NS		NS		NS		0.240	U	NS		NS		NS		0.240	U	0.240	U	NS		
	26-Mar-09	NS		0.488	U	NS		NS		NS		1.290	U	NS		NS		NS		0.265		0.200		
	29-Apr-09	NS		NS		0.098	U	NS		NS		NS		0.136	U	NS		NS		NS		1.340		
	22-Jul-09	0.488	U	NS		19.900	U	0.976	U															

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		
		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	
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	NS		2.440	U	
	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		NS		2.440	U	NS		2.440	U	2.440	U	
	30-Sep-08	NS		NS		NS		1.000	U	NS		NS		NS		NS		1.000	U	NS		1.000	U	
	27-Oct-08	1.000	U	NS		NS		NS		NS		1.000	U	NS		NS		NS		1.100		NS		3.500
	25-Nov-08	NS		1.000	U	NS		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		NS		1.000
	21-Jan-09	NS		NS		NS		1.000	U	NS		NS		NS		3.100		1.000	U	NS		1.000	U	1.000
	25-Feb-09	1.000		NS		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		NS		24.400	U	NS		NS		NS		4.580		2.440
	29-Apr-09	NS		NS		22.400		NS		NS		NS		NS		NS		NS		2.440	U	NS		2.440
	22-Jul-09	18.500		NS		497.000	U	32.000		NS		41.900		NS		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	NS		2.440	U	NS		2.440
	15-Jan-10	2.440	U	NS		2.780		2.440	U	NS		2.440		NS		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	2.440
	16-Jul-10	1.320		NS		62.800		1.480		NS		7.790	U	NS		NS		1.030	U	1.030	U	1.030	U	NS
	15-Oct-10	NS		1.030	U	NS		NS		NS		1.030	U	NS		1.030	U	1.030	U	1.030	U	NS		1.030
	26-Jan-11	10.300	U	1.030	U	NS		1.030	U	NS		5.160	U	NS		5.160	U	NS		5.160	U	5.160	U	NS
	28-Feb-11	NS		NS		10.300	U	NS		NS		NS		NS		NS		NS		NS		NS		NS
	27-Apr-11	NS		1.230		NS		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		NS		5.160	U	NS		NS		1.030	U	5.160	U	NS
	28-Oct-11	NS		1.000	U	NS		NS		NS		1.000	U	NS		1.000	U	1.000		NS		NS		1.200
	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		NS		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	NS		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	NS		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	NS		4.200	U	
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	NS		NS		4.200	U	
25-Feb-09		4.200	U	NS		NS		NS		4.200	U	NS		NS		NS		4.200	U	NS		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		NS		NS		NS		
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		NS		NS		20.000	U	0.096	U	NS		0.096	U	
15-Jan-10		0.096	U	NS		0.096	U	NS		NS		0.096	U	NS		NS		0.096	U	NS		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	NS		NS		1.280	U	NS		NS		0.170	U	NS		0.170	U	
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	NS		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		NS		
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	
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		NS		NS		0.154	U	
	29-May-08	NS		NS		NS		0.150	U	NS		NS		NS		0.150	U	0.150	U	NS		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		0.154	U	NS		0.154	U	0.154	U	
	28-Aug-08	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	NS		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		NS		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		NS		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	NS		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		NS		NS		0.154		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
1,2-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		0.120	U	NS		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		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		NS		0.120	U	NS		0.120	U	0.120	U	
	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		NS		3.000	U	NS		NS		3.000	U	NS		3.000	U	
	25-Nov-08	NS		3.000	U	NS		NS		NS		NS		3.000	U	NS		3.000	U	3.000	U	3.000	U	
	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		NS		3.000	U	NS		NS		NS		3.000	U	3.000	U	
	26-Mar-09	NS		0.601	U	NS		NS		NS		NS		NS		NS		NS		0.120	U	0.120	U	
	29-Apr-09	NS		NS		0.120	U	NS		NS		NS		1.200	U	NS		NS		NS		0.120	U	
	22-Jul-09	0.601	U	NS		24.000	U	1.200	U	NS		0.601	U	NS		25.100	U	0.120	U	0.120	U	NS		
	9-Oct-09	NS		0.120	U	NS		0.120	U	NS		0.120	U	NS		NS		NS		NS		0.120	U	
	15-Jan-10	0.120	U	NS		0.120	U	0.120	U	NS		NS		0.120	U	NS		0.120	U	0.120	U	0.120	U	
	21-Apr-10	NS		0.120	U	NS		NS		NS		0.601	U	NS		0.601	U	0.120	U	NS		0.120	U	
	16-Jul-10	0.120	U	NS		0.120	U	NS		0.120	U	0.907	U	NS		NS		0.120	U	1.200	U	NS		
	15-Oct-10	NS		0.120	U	NS		NS		NS		NS		0.120	U	NS		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		NS		0.120	U	NS		0.120	U	0.120	U	NS		0.120	U	
	26-Jul-11	0.401	U	NS		0.401	U	0.120	U	NS		NS		0.601	U	NS		NS		0.601	U	NS		
	28-Oct-11	NS		3.000	U	NS		NS		NS		3.000	U	NS		3.000	U	3.000	U	NS		3.000	U	
	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		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		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		NS		3.000	U	NS		NS		3.000	U	NS		3.000	U	
25-Nov-08		NS		3.000	U	NS		NS		NS		NS		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		NS		3.000	U	NS		3.000	U	
25-Feb-09		3.000	U	NS		NS		NS		NS		3.000	U	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		NS		NS		NS		
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		NS		0.120	U	NS		25.100	U	0.120	U	NS		0.120	U	
15-Jan-10		0.120	U	NS		0.120	U	NS		NS		0.120	U	NS		NS		0.120	U	NS		NS		
21-Apr-10		NS		0.120	U	NS		NS		NS		0.601	U	NS		0.601	U	0.120	U	NS		0.120	U	
16-Jul-10		0.595	U	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		NS		0.120	U	NS		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		NS		0.420	U	NS		0.156		0.120	U	NS		0.120	U	
26-Jul-11		0.401	U	NS		0.401	U	0.120	U	NS		NS		0.601	U	NS		NS		0.601	U	NS		
28-Oct-11		NS		3.000	U	NS		NS		NS		3.000	U	NS		3.000	U	3.000	U	NS		3.000	U	
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		NS		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		NS		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		NS		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		NS		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		NS		0.348		NS		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		
		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		NS		
	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		2.500		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		
	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		0.081	U	NS		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	NS		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		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		2.000	U	NS		NS		NS		2.000	U	2.000	U	
21-Jan-09		NS		NS		NS		2.000	U	NS		NS		NS		NS		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	0.081	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	
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		NS		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		NS		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		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
1,1-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	NS		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		NS		0.079	U	NS		
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		NS		NS		NS		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		NS		2.000	U	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	2.000	U	
	18-Dec-08	NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U	
	21-Jan-09	NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	2.000	U	NS		2.000	U	
	25-Feb-09	2.000	U	NS		NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U	2.000	U	
	26-Mar-09	NS		0.396	U	NS		NS		NS		NS		0.792	U	NS		NS		NS		0.079	U	
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		NS		NS		NS		0.079	U	NS		
	22-Jul-09	0.396	U	NS		16.200	U	0.792	U	NS		0.396	U	NS		NS		NS		0.079	U	0.079	U	
	9-Oct-09	NS		0.079	U	NS		NS		NS		0.079	U	NS		16.500	U	NS		0.079	U	NS		
	15-Jan-10	0.137	U	NS		0.079	U	0.079	U	NS		NS		0.079	U	NS		NS		0.079	U	0.079	U	
	21-Apr-10	NS		0.079	U	NS		NS		NS		0.396	U	NS		0.396	U	NS		0.079	U	NS		
	16-Jul-10	0.079	U	NS		0.206	U	0.079	U	NS		NS		0.598	U	NS		NS		0.079	U	NS		
	15-Oct-10	NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U	NS		
	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		NS		0.079	U	NS		0.079	U	NS		0.079	U	NS		
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		NS		0.079	U	0.396	U	
	28-Oct-11	NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U	2.000	U	NS		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	U	NS		NS		NS		0.080	U	0.080	U	NS		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		NS		0.079	U	NS		
28-Aug-08		NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		NS		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	2.000	U	
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	2.000	U	
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		NS		NS		NS		NS		NS		
22-Jul-09		0.396	U	NS		595.000	U	0.792	U	NS		0.396	U	NS		NS		NS		0.079	U	0.079	U	
9-Oct-09		NS		0.079	U	NS		NS		NS		0.079	U	NS		16.500	U	NS		0.079	U	NS		
15-Jan-10		0.079	U	NS		0.079	U	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		
21-Apr-10		NS		0.079	U	NS		NS		NS		0.396	U	NS		0.396	U	NS		0.079	U	NS		
16-Jul-10		0.079	U	NS		0.079	U	NS		NS		0.598	U	NS		NS		NS		0.079	U	NS		
15-Oct-10		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	0.079	U	NS		NS		
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		NS		0.079	U	NS		0.079	U	NS		0.079	U	NS		
26-Jul-11		0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		NS		0.079	U	0.396	U	
28-Oct-11		NS		2.000	U	NS		NS		NS		2.000	U	NS		2.000	U	2.000	U	NS		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		NS		NS		0.079	U	
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS		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		NS		0.079	U	NS		
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		NS		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		NS		2.000	U	NS		2.000	U	2.000	U	2.000	U	
	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	2.000	U	
	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		NS		NS		NS		NS		NS		
	22-Jul-09	0.396	U	NS		0.396	U	0.792	U	NS		0.396	U	NS		NS		NS		0.079	U	NS		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,2-Dichloropropane	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		NS		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	NS		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		NS		NS		NS		NS		NS		NS		0.092	U	NS		NS		
	30-Sep-08	NS		NS		NS		0.090	U	NS		NS		NS		NS		0.090	U	NS		0.090	U	
	27-Oct-08	0.090	U	NS		NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	NS		
	25-Nov-08	NS		0.090	U	NS		NS		NS		NS		0.090	U	NS		NS		0.090	U	NS		
	18-Dec-08	NS		NS		0.090	U	NS		NS		NS		NS		0.090	U	NS		NS		0.090	U	
	21-Jan-09	NS		NS		NS		NS		0.090	U	NS		NS		NS		NS		0.090	U	NS		
	25-Feb-09	0.090	U	NS		NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	NS		
	26-Mar-09	NS		0.462	U	NS		NS		NS		NS		0.924	U	NS		NS		NS		0.092	U	
	29-Apr-09	NS		NS		0.092	U	NS		NS		NS		NS		NS		NS		0.092	U	NS		
	22-Jul-09	0.462	U	NS		NS		18.800	U	0.924	U	NS		0.462	U	NS		NS		0.092	U	0.092	U	
	9-Oct-09	NS		NS		0.092	U	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		
	15-Jan-10	0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	
	21-Apr-10	NS		0.092	U	NS		NS		NS		0.462	U	NS		0.462	U	NS		0.092	U	NS		
	16-Jul-10	0.092	U	NS		0.092	U	NS		0.092	U	NS		0.698	U	NS		NS		0.092	U	NS		
	15-Oct-10	NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	NS		0.092	U	NS		
	26-Jan-11	0.924	U	NS		NS		NS		0.092	U	NS		0.462	U	NS		NS		0.462	U	0.462	U	
	28-Feb-11	NS		NS		NS		0.924	U	NS		NS		NS		NS		NS		NS		NS		
	27-Apr-11	NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	NS		0.092	U	NS		
	26-Jul-11	0.308	U	NS		NS		0.308	U	0.092	U	NS		NS		NS		NS		0.092	U	0.462	U	
	28-Oct-11	NS		2.300	U	NS		NS		NS		2.300	U	NS		2.300	U	2.300	U	NS		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		NS		NS		0.091	U	NS		0.091	U	
29-May-08		NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	U	NS		NS		
27-Jun-08		0.141	U	NS		NS		NS		0.091	U	NS		NS		NS		NS		0.091	U	0.091	U	
31-Jul-08		NS		0.091	U	NS		NS		NS		NS		NS		NS		0.091	U	NS		0.091	U	
28-Aug-08		NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		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		NS		0.180	U	NS		NS		NS		0.180	U	NS		
25-Nov-08		NS		0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		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		NS		NS		0.180	U	NS		
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		NS		0.910	U	
29-Apr-09		NS		NS		0.091	U	NS		NS		NS		NS		NS		NS		0.091	U	NS		
22-Jul-09		0.453	U	NS		NS		18.500	U	0.907	U	NS		0.453	U	NS		NS		0.091	U	0.091	U	
9-Oct-09		NS		0.091	U	NS		NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		
15-Jan-10		0.091	U	NS		NS		NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		
21-Apr-10		NS		0.091	U	NS		NS		NS		0.453	U	NS		0.453	U	NS		NS		NS		
16-Jul-10		0.091	U	NS		0.091	U	NS		NS		NS		0.685	U	NS		NS		0.091	U	0.091	U	
15-Oct-10		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		0.091	U	NS		
26-Jan-11		0.907	U	NS		NS		NS		0.091	U	NS		0.453	U	NS		0.453	U	0.453	U	NS		
28-Feb-11		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
27-Apr-11		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		0.091	U	NS		
26-Jul-11		0.303	U	NS		NS		0.303	U	0.091	U	NS		NS		NS		NS		0.091	U	0.454	U	
28-Oct-11		NS		2.300	U	NS		NS		NS		2.300	U	NS		2.300	U	2.300	U	NS		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		NS		NS		0.091	U	NS		0.091	U	
	29-May-08	NS		NS		NS		0.090	U	NS		NS		NS		0.090	U	0.090	U	NS		NS		
	27-Jun-08	0.141	U	NS		NS		NS		0.091	U	NS		NS		NS		NS		0.091	U	0.091	U	
	31-Jul-08	NS		0.091	U	NS		NS		NS		NS		NS		NS		NS		0.091	U	NS		
	28-Aug-08	NS		NS		0.091	U	NS		NS		NS		NS		NS		0.091	U	NS		NS		
	30-Sep-08	NS		NS		NS		0.180	U	NS		NS		NS		NS		NS		0.180	U	0.180	U	
	27-Oct-08	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		NS		0.180	U	NS		
	25-Nov-08	NS		0.180	U	NS		NS		NS		NS		0.180	U	NS		NS		0.180	U	NS		
	18-Dec-08	NS		NS		0.180	U	NS		NS		NS		NS		NS		NS		0.180	U	0.180	U	
	21-Jan-09	NS		NS		NS		0.180	U	NS		NS		NS		NS		NS		0.180	U	NS		
	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		NS		0.091	U	
	29-Apr-09	NS		NS		0.091	U	NS		NS		NS		NS		NS		NS		0.091	U	NS		
	22-Jul-09	0.453	U	NS		NS		NS		0.907	U	NS		0.453	U	NS		NS		0.091	U	NS		
	9-Oct-09	NS		0.079	U	NS		NS		NS		0.091	U	NS		NS		NS		NS		NS		
	15-Jan-10	0.091	U	NS		NS		NS																

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		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		NS		0.711		0.666		
	30-Sep-08	NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		2.200	U	2.200	U	
	27-Oct-08	18.400		NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		2.200	U	
	25-Nov-08	NS		2.200	U	NS		NS		NS		2.200	U	NS		NS		2.300		2.200		2.200		
	18-Dec-08	NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		NS		2.200		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	2.200	U	
	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		NS		0.304		NS		
	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	NS		0.542		NS		
	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		NS		1.620		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		0.434		0.339		0.434	U	NS		NS		0.304		0.434	U	NS		
	28-Oct-11	NS		2.200	U	NS		NS		NS		2.200	U	NS		2.200	U	3.800		NS		2.200	U	
	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		4.900	U	NS		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	NS		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		NS		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	NS		2.460	U	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	U	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	
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		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		NS		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		NS		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				

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	
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		NS		
	25-Apr-08	NS		NS		NS		0.072	U	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		NS		0.072	U	NS		
	28-Aug-08	NS		NS		0.106		NS		NS		NS		NS		0.072	U	NS		0.172	U	0.140		
	30-Sep-08	NS		NS		NS		1.800	U	NS		NS		NS		NS		1.800	U	NS		1.800	U	
	27-Oct-08	1.800	U	NS		NS		NS		NS		2.600		NS		NS		NS		3.200		NS		
	25-Nov-08	NS		1.800	U	NS		NS		NS		1.800	U	NS		NS		1.800	U	NS		1.800	U	
	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		NS		1.800	U	NS		NS		NS		1.800	U	1.800	U	
	26-Mar-09	NS		0.360	U	NS		NS		NS		NS		0.720	U	NS		NS		NS		0.072	U	
	29-Apr-09	NS		NS		0.072	U	NS		NS		NS		NS		NS		NS		0.072	U	NS		
	22-Jul-09	0.360	U	NS		0.360	U	0.720	U	NS		NS		0.360	U	NS		0.072	U	0.072	U	NS		
	9-Oct-09	NS		0.072	U	NS		NS		NS		0.072	U	NS		NS		15.000	U	0.086		NS		
	15-Jan-10	0.079		NS		0.072	U	0.072	U	NS		NS		0.072	U	NS		NS		0.072	U	0.072	U	
	21-Apr-10	NS		0.072	U	NS		NS		NS		0.360	U	NS		3.600	U	0.360	U	0.072	U	NS		
	16-Jul-10	0.072	U	NS		0.072	U	0.072	U	NS		NS		0.544	U	NS		NS		0.072	U	0.072	U	
	15-Oct-10	NS		0.072	U	NS		NS		NS		0.072	U	NS		NS		0.072	U	0.072	U	NS		
	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	0.360	U	
	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		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		
	26-Jul-11	0.240	U	NS		0.240	U	0.360	U	NS		NS		0.360	U	NS		NS		0.072	U	0.360	U	
	28-Oct-11	NS		1.800	U	NS		NS		NS		1.800	U	NS		1.800	U	1.800	U	NS		1.800	U	
	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	U	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		NS		1.740	U	NS		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		NS		1.700	U	NS		NS		1.700	U	NS		1.700	U	
25-Nov-08		NS		1.700	U	NS		NS		NS		NS		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		NS		1.700	U	NS		1.700	U	
25-Feb-09		1.700	U	NS		NS		NS		NS		1.700	U	NS		NS		1.700	U	NS		NS		
26-Mar-09		NS		16.100		NS		NS		NS		NS		17.400	U	NS		NS		1.740	U	1.800	U	
29-Apr-09		NS		NS		1.740	U	NS		NS		NS		NS		1.740	U	NS		NS		1.740	U	
22-Jul-09		86.800	U	NS		8.680	U	17.400	U	NS		NS		8.680	U	NS		NS		1.740	U	1.740	U	
9-Oct-09		NS		1.740	U	NS		NS		NS		1.740	U	NS		NS		362.000	U	1.740	U	NS		
15-Jan-10		1.740	U	NS		NS		NS		NS		1.740	U	NS		NS		NS		1.740	U	NS		
21-Apr-10		NS		1.740	U	NS		NS		NS		0.868	U	NS		8.680	U	8.680	U	1.740	U	NS		
16-Jul-10		24.000		NS		21.500		19.500		NS		NS		26.200	U	NS		NS		27.1		26.500		
15-Oct-10		NS		3.470	U	NS		NS		NS		3.470	U	NS		3.470	U	3.470	U	3.470	U	NS		
26-Jan-11		34.700	U	3.470	U	NS		3.470	U	NS		NS		0.404	U	NS		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		NS		3.470	U	NS		3.470	U	3.470	U	NS		3.470	U	
26-Jul-11		11.600	U	NS		11.600	U	3.470	U	NS		NS		17.400	U	NS		NS		5.700		17.400	U	
28-Oct-11		NS		17.000	U	NS		NS		NS		17.000	U	NS		17.000	U	17.000	U	140.000		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		NS		2.050	U	2.050	U	NS		
	27-Jun-08	3.190	U	NS		NS		NS		NS		2.050	U	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		NS		2.050	U	2.050	U	2.050	U	NS		
	30-Sep-08	NS		NS		NS		2.000	U	NS		NS		NS		NS		NS		2.000	U	2.000	U	
	27-Oct-08	2.000	U	NS		NS		NS		NS		2.000	U	NS		NS		NS		2.000	U	NS		
	25-Nov-08	NS		3.500		NS		NS		NS		NS		2.000	U	NS		NS		2.000	U	NS		
	18-Dec-08	NS		NS		2.000	U	NS		NS		NS		NS		2.000	U	NS		2.000	U	2.000	U	
	21-Jan-09	NS		NS		NS		2.000	U	NS		NS		NS		NS		2.000	U	NS		2.000	U	
	25-Feb-09	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		NS		2.000	U	2.000	U	
	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		NS		2.050	U	NS		NS		2.050	U	
	22-Jul-09	10.200	U	NS		10.200	U	20.500	U	NS		NS		10.200	U	NS		NS		2.050	U	2.050	U	
	9-Oct-09	NS		2.050	U	NS		NS		NS		2.050	U	NS		NS		NS		2.050	U	NS		
	15-Jan-10	2.050	U	NS		2.050	U	2.050	U	NS		NS		2.050	U	NS		427.000	U	2.050	U	NS		
	21-Apr-10	NS		2.050	U	NS		NS		NS		10.200	U	NS		10.200	U	10.200	U	2.050	U	NS		
	16-Jul-10	2.050	U	NS		2.050	U	2.050	U	NS		NS		15.400	U	NS		NS		2.050	U	2.050	U	
	15-Oct-10	NS		2.050	U	NS		NS		NS		2.050	U	NS		NS		NS		2.050	U	NS		
	26-Jan-11	20.500	U	2.050	U	NS		2.050	U	NS		NS		10.200	U	NS		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		NS		2.050	U	NS		2.050	U	2.050	U	NS		3.350		
	26-Jul-11	6.840	U	NS		0.684	U	2.050	U	NS		NS		10.200	U	NS		NS		2.050	U	10.200	U	
	28-Oct-11	NS		2.000	U	NS		NS		NS		2.000	U</											

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
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		NS		
	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		NS		
	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		NS		2.100	U	NS		NS		2.100		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	2.100	U	
	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		NS		2.100	U	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		NS		1.120		NS		0.779		0.919		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		NS		0.302		NS		0.366		0.400		0.753		NS		
	26-Jul-11	0.724		NS		0.779		0.868		NS		0.788	U	NS		NS		NS		1.230		0.681		
	28-Oct-11	NS		2.100	U	NS		NS		NS		2.100	U	NS		2.100	U	2.100	U	NS		2.100	U	
	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	NS		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		0.140	U	NS		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		NS		0.137	U	NS		
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	NS		1.370	U	NS		0.137	U	NS		0.137	U	0.137	U	NS		
21-Apr-10		NS		0.137	U	NS		NS		NS		0.686	U	NS		0.686	U	0.137	U	NS		0.137	U	
16-Jul-10		0.137	U	NS		0.137	U	NS		0.137	U	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		NS		6.200	U	NS		6.200	U	6.200	U	NS		6.200	U	
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	NS		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		NS		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</						

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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	NS		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	
	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		6.100		NS		6.100		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		NS		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		NS		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	U	4.700		NS		3.800		
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		NS		NS		0.119		
	29-May-08	NS		NS		NS		0.120		NS		NS		NS		NS		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		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3		
		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,1,2-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		0.109	U	NS		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		NS		NS		0.109	U	0.109	U	NS		
	30-Sep-08	NS		NS		NS		0.110	U	NS		NS		NS		NS		0.110	U	NS		0.110	U	
	27-Oct-08	0.110	U	NS		NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		
	25-Nov-08	NS		0.110	U	NS		NS		NS		NS		NS		NS		NS		0.110	U	0.110	U	
	18-Dec-08	NS		NS		0.110	U	NS		NS		NS		NS		0.110	U	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		NS		0.110	U	NS		NS		NS		0.110	U	0.110	U	
	26-Mar-09	NS		0.545	U	NS		NS		NS		NS		NS		NS		NS		0.109	U	0.109	U	
	29-Apr-09	NS		NS		0.109	U	NS		NS		NS		NS		NS		NS		0.109	U	NS		
	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		NS		0.109	U	NS		22.800	U	NS		0.109	U	NS		
	15-Jan-10	0.109	U	NS		0.109	U	1.090	U	NS		NS		NS		NS		0.109	U	0.109	U	NS		
	21-Apr-10	NS		0.109	U	NS		NS		NS		0.545	U	NS		0.545	U	0.109	U	NS		0.109	U	
	16-Jul-10	0.109	U	NS		0.109	U	NS		NS		NS		0.824	U	NS		0.109	U	NS		0.109	U	
	15-Oct-10	NS		0.109	U	NS		NS		NS		0.109	U	NS		NS		0.109	U	NS		NS		
	26-Jan-11	1.090	U	0.109	U	NS		0.109	U	NS		0.545	U	NS		0.547	U	0.545	U	NS		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		NS		0.109	U	NS		0.109	U	0.109	U	NS		NS		
	26-Jul-11	0.364	U	NS		0.364	U	0.109	U	NS		NS		0.546	U	NS		0.109	U	NS		0.546	U	
	28-Oct-11	NS		2.700	U	NS		NS		NS		2.700	U	NS		2.700	U	2.700	U	NS		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		NS		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		NS		117.000		NS		NS		2.990		NS		0.800	U	
25-Nov-08		NS		2.920		NS		NS		NS		NS		1.890		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		NS		10.700		
26-Mar-09		NS		9.200		NS		NS		NS		NS		3.880		NS		NS		25.100		5.490		
29-Apr-09		NS		NS		0.220		NS		NS		NS		NS		1.200		NS		NS		2.960		
22-Jul-09		0.537	U	NS		0.537	U	12.700		NS		NS		3.190		NS		NS		0.354		10.300		
9-Oct-09		NS		0.091	U	NS		NS		NS		26.000		NS		1.240		NS		0.182		NS		
15-Jan-10		0.591		NS		0.242		17.700		NS		NS		0.172		NS		22.400	U	0.182	U	NS		
21-Apr-10		NS		0.107	U	NS		NS		NS		34.000		NS		0.940		NS		0.891	U	NS		
16-Jul-10		0.333		NS		0.333		8.140		NS		NS		0.811	U	NS		NS		0.107		27.800		
15-Oct-10		NS		2.260		NS		NS		NS		129.000		NS		1.920		0.177		0.317		NS		
26-Jan-11		1.070	U	1.630		NS		9.940		NS		NS		0.537	U	NS		0.617		1.230		27.100		
28-Feb-11		NS		NS		1.070	U	NS		NS		NS		NS		NS		NS		NS		NS		
27-Apr-11		NS		0.231		NS		NS		NS		78.100		NS		0.891		0.107	U	0.107	U	NS		
26-Jul-11		1.180		NS		0.358	U	29.600		NS		NS		10.500		NS		NS		0.247		20.500		
28-Oct-11		NS		2.700	U	NS		NS		NS		110.000		NS		2.700	U	2.700	U	2.700	U	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		NS		0.980		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		NS		18.000		NS		15.600		NS		
	30-Sep-08	NS		NS		NS		53.800		NS		NS		NS		NS		2.800	U	NS		14.500		
	27-Oct-08	2.800	U	NS		NS		NS		44.400		NS		NS		NS		NS		6.100		NS		
	25-Nov-08	NS		10.000		NS		NS		NS		NS		12.200		NS		NS		2.800	U	34.000		
	18-Dec-08	NS		NS		2.800	U	NS		NS		NS		NS		4.900		NS		NS		4.800		
	21-Jan-09	NS		NS		NS		26.900		NS		NS		NS		NS		7.200		2.800	U	NS		
	25-Feb-09	2.800	U	NS		NS		NS		14.800		NS		NS		NS		NS		2.800	U	NS		
	26-Mar-09	NS		1.430		NS		NS		NS		NS		2.810	U	NS		NS		NS		19.600		
	29-Apr-09	NS		NS		1.450		NS		NS		NS		NS		4.230		NS		1.270		NS		
	22-Jul-09	1.460		NS		NS		19.900		NS		NS		3.420		NS		NS		NS		6.460		
	9-Oct-09	NS		0.156		NS		NS		NS		20.000		NS		NS		11.000		1.65		NS		
	15-Jan-10	1.390		NS		2.100																		

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		NS		
	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		NS		2.500	U	
	27-Oct-08	11.400		NS		NS		NS		2.500	U	NS		NS		NS		2.500		NS	U	NS		2.900
	25-Nov-08	NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		6.400		5.200		NS		NS
	18-Dec-08	NS		NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		2.500		NS		2.500
	21-Jan-09	NS		NS		NS		2.500	U	NS		NS		NS		2.500	U	2.500		NS	U	NS		2.500
	25-Feb-09	17.500		NS		NS		NS		4.000		NS		NS		NS		6.200		2.900		NS		NS
	26-Mar-09	NS		0.491	U	NS		NS		NS		0.982	U	NS		NS		NS		1.090		1.550		NS
	29-Apr-09	NS		NS		0.265		NS		NS		NS		NS		NS		0.707		NS		0.801		NS
	22-Jul-09	3.490		NS		20.000	U	0.982	U	NS		0.737		NS		NS		56.400		0.860		NS		NS
	9-Oct-09	NS		NS		0.707		NS		0.781		NS		0.648		20.500	U	NS		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		NS
	21-Apr-10	NS		0.211		NS		NS		0.933		NS		1.420		1.130		0.653		NS		0.702		NS
	16-Jul-10	8.300		NS		8.230		8.090		NS		6.270		NS		NS		4.280		5.050		NS		NS
	15-Oct-10	NS		1.290		NS		NS		1.610		NS		1.100		1.380		1.860		NS		2.350		NS
	26-Jan-11	1.230		1.400		NS		1.600		NS		0.491	U	NS		1.350		6.930		10.400		NS		NS
	28-Feb-11	NS		NS		0.982	U	NS		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		NS
	26-Jul-11	1.290		NS		2.670		0.610		NS		0.541		NS		NS		2.480		0.541		NS		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		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		0.228		NS		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		NS		2.500	U	
25-Nov-08		NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		2.500		NS	U	NS		NS
18-Dec-08		NS		NS		2.500	U	NS		NS		2.500	U	NS		NS		NS		NS	U	2.500	U	
21-Jan-09		NS		NS		NS		2.500	U	NS		NS		NS		2.500	U	2.500		NS		2.500	U	
25-Feb-09		9.100		NS		NS		NS		2.500	U	NS		NS		NS		2.500		NS	U	NS		NS
26-Mar-09		NS		0.491	U	NS		NS		NS		0.982	U	NS		NS		NS		0.337		0.425		NS
29-Apr-09		NS		NS		0.147		NS		NS		NS		0.128		NS		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		NS
9-Oct-09		NS		0.216		NS		NS		0.241		NS		0.187		20.500	U	0.388		NS		0.226		NS
15-Jan-10		2.150		NS		0.118		0.098	U	NS		0.108		NS		NS		0.290		0.334		NS		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		NS
16-Jul-10		2.760		NS		1.880		1.810		NS		1.670		NS		NS		1.080		NS		1.250		NS
15-Oct-10		NS		0.418		NS		NS		0.383		NS		0.275		0.324		0.545		NS		0.540		NS
26-Jan-11		0.982	U	0.437		NS		0.472		NS		0.491	U	NS		0.491	U	1.990		2.870		NS		NS
28-Feb-11		NS		NS		0.982	U	NS		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		NS
26-Jul-11		0.688		NS		0.885		0.182		NS		0.492	U	NS		NS		0.664		0.492	U	NS		NS
28-Oct-11		NS		2.500	U	NS		NS		2.500	U	NS		2.500	U	2.500	U	2.500		NS		2.500		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		0.750		NS		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	U	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		NS		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	NS		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										

**Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - April 2011**

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		NS		
	25-Apr-08	NS		NS		0.815		NS		NS		NS		0.970		NS		2.540		NS		NS		
	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		NS		
	31-Jul-08	NS		2.400		NS		NS		NS		NS		NS		NS		2.080		NS		NS		
	28-Aug-08	NS		NS		2.330		NS		NS		NS		1.440		NS		2.130		NS		1.940		
	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	U	NS		8.900	U	
	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	U	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		NS		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		NS		1.260		
	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	
	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		0.406		NS		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	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		8.900		NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		3.200		
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		NS		0.369		NS		
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		NS		0.833		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		NS		2.100		NS		1.880		NS		2.050		
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		NS		0.434		
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	

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.

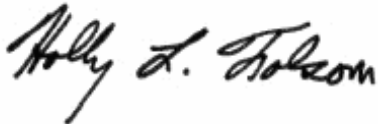
November 9, 2011

Ron Mack
EA Engineering Science & Tech. - RI
2350 Post Road
Warwick, RI 02886

Project Location: Alvarez High School
Client Job Number:
Project Number: 14687.01
Laboratory Work Order Number: 11J1067

Enclosed are results of analyses for samples received by the laboratory on October 28, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Holly L. Folsom". The signature is written in a cursive, flowing style.

Holly L. Folsom
Project Manager

EA Engineering Science & Tech. - RI
2350 Post Road
Warwick, RI 02886
ATTN: Ron Mack

REPORT DATE: 11/9/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 14687.01

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J1067

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-2	11J1067-01	Sub Slab		EPA TO-15	
MP-5	11J1067-02	Sub Slab		EPA TO-15	
MP-7	11J1067-03	Sub Slab		EPA TO-15	
MP-8	11J1067-04	Sub Slab		EPA TO-15	
IMP-1	11J1067-05	Sub Slab		EPA TO-15	
IMP-3	11J1067-06	Sub Slab		EPA TO-15	
Ambient	11J1067-07	Ambient Air		EPA TO-15	

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 is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Acrylonitrile

11J1067-01[MP-2], 11J1067-02[MP-5], 11J1067-03[MP-7], 11J1067-04[MP-8], 11J1067-05[IMP-1], 11J1067-06[IMP-3], 11J1067-07[Ambient], B040704-BLK1, B040704-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:

Acrylonitrile

11J1067-01[MP-2], 11J1067-02[MP-5], 11J1067-03[MP-7], 11J1067-04[MP-8], 11J1067-05[IMP-1], 11J1067-06[IMP-3], 11J1067-07[Ambient], B040704-BLK1, B040704-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.



Daren J. Damboragian
Laboratory Manager

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-2
Sample ID: 11J1067-01
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:06

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1096
 Canister Size: 6 liter
 Flow Controller ID: 4103
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	ND	20		ND	48	10	11/5/11 11:53	WSD	
Acrylonitrile	ND	2.9	L-03, V-05	ND	6.2	10	11/5/11 11:53	WSD	
Benzene	ND	0.50		ND	1.6	10	11/5/11 11:53	WSD	
Bromodichloromethane	ND	0.50		ND	3.4	10	11/5/11 11:53	WSD	
Bromoform	ND	0.50		ND	5.2	10	11/5/11 11:53	WSD	
2-Butanone (MEK)	ND	20		ND	59	10	11/5/11 11:53	WSD	
n-Butylbenzene	ND	1.4		ND	7.9	10	11/5/11 11:53	WSD	
sec-Butylbenzene	ND	1.1		ND	6.3	10	11/5/11 11:53	WSD	
Carbon Tetrachloride	ND	0.50		ND	3.1	10	11/5/11 11:53	WSD	
Chlorobenzene	ND	0.50		ND	2.3	10	11/5/11 11:53	WSD	
Chloroethane	ND	0.50		ND	1.3	10	11/5/11 11:53	WSD	
Chloroform	ND	0.50		ND	2.4	10	11/5/11 11:53	WSD	
Chloromethane	ND	0.50		ND	1.0	10	11/5/11 11:53	WSD	
Dibromochloromethane	ND	0.50		ND	4.3	10	11/5/11 11:53	WSD	
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	11/5/11 11:53	WSD	
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 11:53	WSD	
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 11:53	WSD	
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 11:53	WSD	
Dichlorodifluoromethane (Freon 12)	0.54	0.50		2.7	2.5	10	11/5/11 11:53	WSD	
1,1-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 11:53	WSD	
1,2-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 11:53	WSD	
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 11:53	WSD	
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 11:53	WSD	
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 11:53	WSD	
1,2-Dichloropropane	ND	0.50		ND	2.3	10	11/5/11 11:53	WSD	
1,3-Dichloropropane	ND	1.4		ND	6.2	10	11/5/11 11:53	WSD	
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 11:53	WSD	
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 11:53	WSD	
Ethylbenzene	ND	0.50		ND	2.2	10	11/5/11 11:53	WSD	
Isopropylbenzene (Cumene)	ND	1.3		ND	6.2	10	11/5/11 11:53	WSD	
p-Isopropyltoluene (p-Cymene)	ND	1.1		ND	6.3	10	11/5/11 11:53	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	11/5/11 11:53	WSD	
Methylene Chloride	ND	5.0		ND	17	10	11/5/11 11:53	WSD	
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	11/5/11 11:53	WSD	
Styrene	ND	0.50		ND	2.1	10	11/5/11 11:53	WSD	
1,1,1,2-Tetrachloroethane	ND	0.91		ND	6.2	10	11/5/11 11:53	WSD	
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	11/5/11 11:53	WSD	
Tetrachloroethylene	ND	0.50		ND	3.4	10	11/5/11 11:53	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-2
Sample ID: 11J1067-01
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:06

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1096
 Canister Size: 6 liter
 Flow Controller ID: 4103
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	ND	0.50		ND	1.9	10	11/5/11	11:53	WSD
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	11:53	WSD
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	11:53	WSD
Trichloroethylene	ND	0.50		ND	2.7	10	11/5/11	11:53	WSD
Trichlorofluoromethane (Freon 11)	ND	0.50		ND	2.8	10	11/5/11	11:53	WSD
1,2,4-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11	11:53	WSD
1,3,5-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11	11:53	WSD
Vinyl Chloride	ND	0.50		ND	1.3	10	11/5/11	11:53	WSD
m&p-Xylene	ND	1.0		ND	4.3	10	11/5/11	11:53	WSD
o-Xylene	ND	0.50		ND	2.2	10	11/5/11	11:53	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.4	70-130	11/5/11 11:53
4-Bromofluorobenzene (2)	112	70-130	11/5/11 11:53

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-5
Sample ID: 11J1067-02
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:28

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1142
 Canister Size: 6 liter
 Flow Controller ID: 4075
 Sample Type: 30 minutes

Work Order: 11J1067
 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		Flag	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Acetone	ND	20		ND	48	10	11/5/11 11:15	WSD
Acrylonitrile	ND	2.9	L-03, V-05	ND	6.2	10	11/5/11 11:15	WSD
Benzene	ND	0.50		ND	1.6	10	11/5/11 11:15	WSD
Bromodichloromethane	ND	0.50		ND	3.4	10	11/5/11 11:15	WSD
Bromoform	ND	0.50		ND	5.2	10	11/5/11 11:15	WSD
2-Butanone (MEK)	ND	20		ND	59	10	11/5/11 11:15	WSD
n-Butylbenzene	ND	1.4		ND	7.9	10	11/5/11 11:15	WSD
sec-Butylbenzene	ND	1.1		ND	6.3	10	11/5/11 11:15	WSD
Carbon Tetrachloride	ND	0.50		ND	3.1	10	11/5/11 11:15	WSD
Chlorobenzene	ND	0.50		ND	2.3	10	11/5/11 11:15	WSD
Chloroethane	ND	0.50		ND	1.3	10	11/5/11 11:15	WSD
Chloroform	ND	0.50		ND	2.4	10	11/5/11 11:15	WSD
Chloromethane	ND	0.50		ND	1.0	10	11/5/11 11:15	WSD
Dibromochloromethane	ND	0.50		ND	4.3	10	11/5/11 11:15	WSD
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	11/5/11 11:15	WSD
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 11:15	WSD
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 11:15	WSD
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 11:15	WSD
Dichlorodifluoromethane (Freon 12)	0.54	0.50		2.7	2.5	10	11/5/11 11:15	WSD
1,1-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 11:15	WSD
1,2-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 11:15	WSD
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 11:15	WSD
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 11:15	WSD
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 11:15	WSD
1,2-Dichloropropane	ND	0.50		ND	2.3	10	11/5/11 11:15	WSD
1,3-Dichloropropane	ND	1.4		ND	6.2	10	11/5/11 11:15	WSD
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 11:15	WSD
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 11:15	WSD
Ethylbenzene	ND	0.50		ND	2.2	10	11/5/11 11:15	WSD
Isopropylbenzene (Cumene)	ND	1.3		ND	6.2	10	11/5/11 11:15	WSD
p-Isopropyltoluene (p-Cymene)	ND	1.1		ND	6.3	10	11/5/11 11:15	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	11/5/11 11:15	WSD
Methylene Chloride	ND	5.0		ND	17	10	11/5/11 11:15	WSD
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	11/5/11 11:15	WSD
Styrene	ND	0.50		ND	2.1	10	11/5/11 11:15	WSD
1,1,1,2-Tetrachloroethane	ND	0.91		ND	6.2	10	11/5/11 11:15	WSD
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	11/5/11 11:15	WSD
Tetrachloroethylene	1.2	0.50		8.5	3.4	10	11/5/11 11:15	WSD

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-5
Sample ID: 11J1067-02
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:28

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1142
 Canister Size: 6 liter
 Flow Controller ID: 4075
 Sample Type: 30 minutes

Work Order: 11J1067
 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		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	ND	0.50		ND	1.9	10	11/5/11 11:15		WSD
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11 11:15		WSD
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11 11:15		WSD
Trichloroethylene	21	0.50		110	2.7	10	11/5/11 11:15		WSD
Trichlorofluoromethane (Freon 11)	5.3	0.50		30	2.8	10	11/5/11 11:15		WSD
1,2,4-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11 11:15		WSD
1,3,5-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11 11:15		WSD
Vinyl Chloride	ND	0.50		ND	1.3	10	11/5/11 11:15		WSD
m&p-Xylene	ND	1.0		ND	4.3	10	11/5/11 11:15		WSD
o-Xylene	ND	0.50		ND	2.2	10	11/5/11 11:15		WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	98.0	70-130	11/5/11 11:15
4-Bromofluorobenzene (2)	113	70-130	11/5/11 11:15

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-7
Sample ID: 11J1067-03
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:21

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1043
 Canister Size: 6 liter
 Flow Controller ID: 4085
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -6
 Receipt Vacuum(in Hg): -4
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	ND	20		ND	48	10	11/5/11 10:37	WSD	
Acrylonitrile	ND	2.9	L-03, V-05	ND	6.2	10	11/5/11 10:37	WSD	
Benzene	ND	0.50		ND	1.6	10	11/5/11 10:37	WSD	
Bromodichloromethane	ND	0.50		ND	3.4	10	11/5/11 10:37	WSD	
Bromoform	ND	0.50		ND	5.2	10	11/5/11 10:37	WSD	
2-Butanone (MEK)	ND	20		ND	59	10	11/5/11 10:37	WSD	
n-Butylbenzene	ND	1.4		ND	7.9	10	11/5/11 10:37	WSD	
sec-Butylbenzene	ND	1.1		ND	6.3	10	11/5/11 10:37	WSD	
Carbon Tetrachloride	ND	0.50		ND	3.1	10	11/5/11 10:37	WSD	
Chlorobenzene	ND	0.50		ND	2.3	10	11/5/11 10:37	WSD	
Chloroethane	ND	0.50		ND	1.3	10	11/5/11 10:37	WSD	
Chloroform	ND	0.50		ND	2.4	10	11/5/11 10:37	WSD	
Chloromethane	ND	0.50		ND	1.0	10	11/5/11 10:37	WSD	
Dibromochloromethane	ND	0.50		ND	4.3	10	11/5/11 10:37	WSD	
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	11/5/11 10:37	WSD	
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 10:37	WSD	
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 10:37	WSD	
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 10:37	WSD	
Dichlorodifluoromethane (Freon 12)	0.55	0.50		2.7	2.5	10	11/5/11 10:37	WSD	
1,1-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 10:37	WSD	
1,2-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 10:37	WSD	
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 10:37	WSD	
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 10:37	WSD	
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 10:37	WSD	
1,2-Dichloropropane	ND	0.50		ND	2.3	10	11/5/11 10:37	WSD	
1,3-Dichloropropane	ND	1.4		ND	6.2	10	11/5/11 10:37	WSD	
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 10:37	WSD	
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 10:37	WSD	
Ethylbenzene	ND	0.50		ND	2.2	10	11/5/11 10:37	WSD	
Isopropylbenzene (Cumene)	ND	1.3		ND	6.2	10	11/5/11 10:37	WSD	
p-Isopropyltoluene (p-Cymene)	ND	1.1		ND	6.3	10	11/5/11 10:37	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	11/5/11 10:37	WSD	
Methylene Chloride	ND	5.0		ND	17	10	11/5/11 10:37	WSD	
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	11/5/11 10:37	WSD	
Styrene	ND	0.50		ND	2.1	10	11/5/11 10:37	WSD	
1,1,1,2-Tetrachloroethane	ND	0.91		ND	6.2	10	11/5/11 10:37	WSD	
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	11/5/11 10:37	WSD	
Tetrachloroethylene	ND	0.50		ND	3.4	10	11/5/11 10:37	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-7
Sample ID: 11J1067-03
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:21

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1043
 Canister Size: 6 liter
 Flow Controller ID: 4085
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -6
 Receipt Vacuum(in Hg): -4
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	ND	0.50		ND	1.9	10	11/5/11 10:37		WSD
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11 10:37		WSD
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11 10:37		WSD
Trichloroethylene	ND	0.50		ND	2.7	10	11/5/11 10:37		WSD
Trichlorofluoromethane (Freon 11)	0.91	0.50		5.1	2.8	10	11/5/11 10:37		WSD
1,2,4-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11 10:37		WSD
1,3,5-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11 10:37		WSD
Vinyl Chloride	ND	0.50		ND	1.3	10	11/5/11 10:37		WSD
m&p-Xylene	ND	1.0		ND	4.3	10	11/5/11 10:37		WSD
o-Xylene	ND	0.50		ND	2.2	10	11/5/11 10:37		WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.2	70-130	11/5/11 10:37
4-Bromofluorobenzene (2)	112	70-130	11/5/11 10:37

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-8
Sample ID: 11J1067-04
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:12

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1291
 Canister Size: 6 liter
 Flow Controller ID: 4082
 Sample Type: 30 minutes

Work Order: 11J1067
 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		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	ND	20		ND	48	10	11/5/11 9:59	WSD	
Acrylonitrile	ND	2.9	L-03, V-05	ND	6.2	10	11/5/11 9:59	WSD	
Benzene	ND	0.50		ND	1.6	10	11/5/11 9:59	WSD	
Bromodichloromethane	ND	0.50		ND	3.4	10	11/5/11 9:59	WSD	
Bromoform	ND	0.50		ND	5.2	10	11/5/11 9:59	WSD	
2-Butanone (MEK)	ND	20		ND	59	10	11/5/11 9:59	WSD	
n-Butylbenzene	ND	1.4		ND	7.9	10	11/5/11 9:59	WSD	
sec-Butylbenzene	ND	1.1		ND	6.3	10	11/5/11 9:59	WSD	
Carbon Tetrachloride	ND	0.50		ND	3.1	10	11/5/11 9:59	WSD	
Chlorobenzene	ND	0.50		ND	2.3	10	11/5/11 9:59	WSD	
Chloroethane	ND	0.50		ND	1.3	10	11/5/11 9:59	WSD	
Chloroform	ND	0.50		ND	2.4	10	11/5/11 9:59	WSD	
Chloromethane	ND	0.50		ND	1.0	10	11/5/11 9:59	WSD	
Dibromochloromethane	ND	0.50		ND	4.3	10	11/5/11 9:59	WSD	
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	11/5/11 9:59	WSD	
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 9:59	WSD	
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 9:59	WSD	
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 9:59	WSD	
Dichlorodifluoromethane (Freon 12)	0.55	0.50		2.7	2.5	10	11/5/11 9:59	WSD	
1,1-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 9:59	WSD	
1,2-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 9:59	WSD	
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 9:59	WSD	
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 9:59	WSD	
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 9:59	WSD	
1,2-Dichloropropane	ND	0.50		ND	2.3	10	11/5/11 9:59	WSD	
1,3-Dichloropropane	ND	1.4		ND	6.2	10	11/5/11 9:59	WSD	
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 9:59	WSD	
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 9:59	WSD	
Ethylbenzene	ND	0.50		ND	2.2	10	11/5/11 9:59	WSD	
Isopropylbenzene (Cumene)	ND	1.3		ND	6.2	10	11/5/11 9:59	WSD	
p-Isopropyltoluene (p-Cymene)	ND	1.1		ND	6.3	10	11/5/11 9:59	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	11/5/11 9:59	WSD	
Methylene Chloride	ND	5.0		ND	17	10	11/5/11 9:59	WSD	
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	11/5/11 9:59	WSD	
Styrene	ND	0.50		ND	2.1	10	11/5/11 9:59	WSD	
1,1,1,2-Tetrachloroethane	ND	0.91		ND	6.2	10	11/5/11 9:59	WSD	
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	11/5/11 9:59	WSD	
Tetrachloroethylene	ND	0.50		ND	3.4	10	11/5/11 9:59	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: MP-8
Sample ID: 11J1067-04
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 10:12

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1291
 Canister Size: 6 liter
 Flow Controller ID: 4082
 Sample Type: 30 minutes

Work Order: 11J1067
 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		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.88	0.50		3.3	1.9	10	11/5/11	9:59	WSD
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	9:59	WSD
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	9:59	WSD
Trichloroethylene	ND	0.50		ND	2.7	10	11/5/11	9:59	WSD
Trichlorofluoromethane (Freon 11)	ND	0.50		ND	2.8	10	11/5/11	9:59	WSD
1,2,4-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11	9:59	WSD
1,3,5-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11	9:59	WSD
Vinyl Chloride	ND	0.50		ND	1.3	10	11/5/11	9:59	WSD
m&p-Xylene	ND	1.0		ND	4.3	10	11/5/11	9:59	WSD
o-Xylene	ND	0.50		ND	2.2	10	11/5/11	9:59	WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	97.6	70-130	11/5/11 9:59
4-Bromofluorobenzene (2)	113	70-130	11/5/11 9:59

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: IMP-1
Sample ID: 11J1067-05
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 08:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1225
 Canister Size: 6 liter
 Flow Controller ID: 4107
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -5
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	21	20		51	48	10	11/5/11	9:21	WSD
Acrylonitrile	ND	2.9	L-03, V-05	ND	6.2	10	11/5/11	9:21	WSD
Benzene	ND	0.50		ND	1.6	10	11/5/11	9:21	WSD
Bromodichloromethane	ND	0.50		ND	3.4	10	11/5/11	9:21	WSD
Bromoform	ND	0.50		ND	5.2	10	11/5/11	9:21	WSD
2-Butanone (MEK)	ND	20		ND	59	10	11/5/11	9:21	WSD
n-Butylbenzene	ND	1.4		ND	7.9	10	11/5/11	9:21	WSD
sec-Butylbenzene	ND	1.1		ND	6.3	10	11/5/11	9:21	WSD
Carbon Tetrachloride	ND	0.50		ND	3.1	10	11/5/11	9:21	WSD
Chlorobenzene	ND	0.50		ND	2.3	10	11/5/11	9:21	WSD
Chloroethane	ND	0.50		ND	1.3	10	11/5/11	9:21	WSD
Chloroform	ND	0.50		ND	2.4	10	11/5/11	9:21	WSD
Chloromethane	0.50	0.50		1.0	1.0	10	11/5/11	9:21	WSD
Dibromochloromethane	ND	0.50		ND	4.3	10	11/5/11	9:21	WSD
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	11/5/11	9:21	WSD
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11	9:21	WSD
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11	9:21	WSD
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11	9:21	WSD
Dichlorodifluoromethane (Freon 12)	0.58	0.50		2.9	2.5	10	11/5/11	9:21	WSD
1,1-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11	9:21	WSD
1,2-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11	9:21	WSD
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11	9:21	WSD
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11	9:21	WSD
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11	9:21	WSD
1,2-Dichloropropane	ND	0.50		ND	2.3	10	11/5/11	9:21	WSD
1,3-Dichloropropane	ND	1.4		ND	6.2	10	11/5/11	9:21	WSD
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11	9:21	WSD
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11	9:21	WSD
Ethylbenzene	0.88	0.50		3.8	2.2	10	11/5/11	9:21	WSD
Isopropylbenzene (Cumene)	ND	1.3		ND	6.2	10	11/5/11	9:21	WSD
p-Isopropyltoluene (p-Cymene)	ND	1.1		ND	6.3	10	11/5/11	9:21	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	11/5/11	9:21	WSD
Methylene Chloride	40	5.0		140	17	10	11/5/11	9:21	WSD
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	11/5/11	9:21	WSD
Styrene	ND	0.50		ND	2.1	10	11/5/11	9:21	WSD
1,1,1,2-Tetrachloroethane	ND	0.91		ND	6.2	10	11/5/11	9:21	WSD
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	11/5/11	9:21	WSD
Tetrachloroethylene	ND	0.50		ND	3.4	10	11/5/11	9:21	WSD

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: IMP-1
Sample ID: 11J1067-05
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 08:55

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1225
 Canister Size: 6 liter
 Flow Controller ID: 4107
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -5
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	1.2	0.50		4.7	1.9	10	11/5/11	9:21	WSD
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	9:21	WSD
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	9:21	WSD
Trichloroethylene	ND	0.50		ND	2.7	10	11/5/11	9:21	WSD
Trichlorofluoromethane (Freon 11)	0.52	0.50		2.9	2.8	10	11/5/11	9:21	WSD
1,2,4-Trimethylbenzene	0.76	0.50		3.7	2.5	10	11/5/11	9:21	WSD
1,3,5-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11	9:21	WSD
Vinyl Chloride	ND	0.50		ND	1.3	10	11/5/11	9:21	WSD
m&p-Xylene	2.2	1.0		9.8	4.3	10	11/5/11	9:21	WSD
o-Xylene	0.76	0.50		3.3	2.2	10	11/5/11	9:21	WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	98.2	70-130	11/5/11 9:21
4-Bromofluorobenzene (2)	112	70-130	11/5/11 9:21

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: IMP-3
Sample ID: 11J1067-06
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 08:36

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1664
 Canister Size: 6 liter
 Flow Controller ID: 4094
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -29
 Final Vacuum(in Hg): -6
 Receipt Vacuum(in Hg): -8
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	ND	20		ND	48	10	11/5/11 8:44	WSD	
Acrylonitrile	ND	2.9	L-03, V-05	ND	6.2	10	11/5/11 8:44	WSD	
Benzene	ND	0.50		ND	1.6	10	11/5/11 8:44	WSD	
Bromodichloromethane	ND	0.50		ND	3.4	10	11/5/11 8:44	WSD	
Bromoform	ND	0.50		ND	5.2	10	11/5/11 8:44	WSD	
2-Butanone (MEK)	ND	20		ND	59	10	11/5/11 8:44	WSD	
n-Butylbenzene	ND	1.4		ND	7.9	10	11/5/11 8:44	WSD	
sec-Butylbenzene	ND	1.1		ND	6.3	10	11/5/11 8:44	WSD	
Carbon Tetrachloride	ND	0.25		ND	1.6	10	11/5/11 8:44	WSD	
Chlorobenzene	ND	0.50		ND	2.3	10	11/5/11 8:44	WSD	
Chloroethane	ND	0.50		ND	1.3	10	11/5/11 8:44	WSD	
Chloroform	ND	0.50		ND	2.4	10	11/5/11 8:44	WSD	
Chloromethane	0.56	0.50		1.2	1.0	10	11/5/11 8:44	WSD	
Dibromochloromethane	ND	0.50		ND	4.3	10	11/5/11 8:44	WSD	
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	11/5/11 8:44	WSD	
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 8:44	WSD	
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 8:44	WSD	
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	11/5/11 8:44	WSD	
Dichlorodifluoromethane (Freon 12)	0.63	0.50		3.1	2.5	10	11/5/11 8:44	WSD	
1,1-Dichloroethane	ND	0.50		ND	2.0	10	11/5/11 8:44	WSD	
1,2-Dichloroethane	ND	0.25		ND	1.0	10	11/5/11 8:44	WSD	
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 8:44	WSD	
cis-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 8:44	WSD	
trans-1,2-Dichloroethylene	ND	0.50		ND	2.0	10	11/5/11 8:44	WSD	
1,2-Dichloropropane	ND	0.50		ND	2.3	10	11/5/11 8:44	WSD	
1,3-Dichloropropane	ND	1.4		ND	6.2	10	11/5/11 8:44	WSD	
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 8:44	WSD	
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	11/5/11 8:44	WSD	
Ethylbenzene	ND	0.50		ND	2.2	10	11/5/11 8:44	WSD	
Isopropylbenzene (Cumene)	ND	1.3		ND	6.2	10	11/5/11 8:44	WSD	
p-Isopropyltoluene (p-Cymene)	ND	1.1		ND	6.3	10	11/5/11 8:44	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	11/5/11 8:44	WSD	
Methylene Chloride	ND	5.0		ND	17	10	11/5/11 8:44	WSD	
4-Methyl-2-pentanone (MIBK)	ND	0.50		ND	2.0	10	11/5/11 8:44	WSD	
Styrene	ND	0.50		ND	2.1	10	11/5/11 8:44	WSD	
1,1,1,2-Tetrachloroethane	ND	0.91		ND	6.2	10	11/5/11 8:44	WSD	
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	11/5/11 8:44	WSD	
Tetrachloroethylene	ND	0.50		ND	3.4	10	11/5/11 8:44	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: IMP-3
Sample ID: 11J1067-06
 Sample Matrix: Sub Slab
 Sampled: 10/28/2011 08:36

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1664
 Canister Size: 6 liter
 Flow Controller ID: 4094
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -29
 Final Vacuum(in Hg): -8
 Receipt Vacuum(in Hg): -8
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	1.0	0.50		3.8	1.9	10	11/5/11	8:44	WSD
1,1,1-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	8:44	WSD
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	11/5/11	8:44	WSD
Trichloroethylene	ND	0.50		ND	2.7	10	11/5/11	8:44	WSD
Trichlorofluoromethane (Freon 11)	0.75	0.50		4.2	2.8	10	11/5/11	8:44	WSD
1,2,4-Trimethylbenzene	0.64	0.50		3.1	2.5	10	11/5/11	8:44	WSD
1,3,5-Trimethylbenzene	ND	0.50		ND	2.5	10	11/5/11	8:44	WSD
Vinyl Chloride	ND	0.25		ND	0.64	10	11/5/11	8:44	WSD
m&p-Xylene	ND	1.0		ND	4.3	10	11/5/11	8:44	WSD
o-Xylene	ND	0.50		ND	2.2	10	11/5/11	8:44	WSD

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	98.5	70-130	11/5/11	8:44
4-Bromofluorobenzene (2)	112	70-130	11/5/11	8:44

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Ambient
Sample ID: 11J1067-07
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 10:00

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1147
 Canister Size: 6 liter
 Flow Controller ID: 4086
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -1
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	3.4	0.80		8.0	1.9	0.4	11/5/11 8:06	WSD	
Acrylonitrile	ND	0.12	L-03, V-05	ND	0.25	0.4	11/5/11 8:06	WSD	
Benzene	0.093	0.010		0.30	0.032	0.4	11/5/11 8:06	WSD	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/5/11 8:06	WSD	
Bromoform	ND	0.020		ND	0.21	0.4	11/5/11 8:06	WSD	
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	11/5/11 8:06	WSD	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/5/11 8:06	WSD	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/5/11 8:06	WSD	
Carbon Tetrachloride	0.070	0.010		0.44	0.063	0.4	11/5/11 8:06	WSD	
Chlorobenzene	ND	0.010		ND	0.046	0.4	11/5/11 8:06	WSD	
Chloroethane	ND	0.020		ND	0.053	0.4	11/5/11 8:06	WSD	
Chloroform	ND	0.010		ND	0.049	0.4	11/5/11 8:06	WSD	
Chloromethane	0.61	0.020		1.3	0.041	0.4	11/5/11 8:06	WSD	
Dibromochloromethane	ND	0.020		ND	0.17	0.4	11/5/11 8:06	WSD	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/5/11 8:06	WSD	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/5/11 8:06	WSD	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/5/11 8:06	WSD	
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/5/11 8:06	WSD	
Dichlorodifluoromethane (Freon 12)	0.51	0.020		2.5	0.099	0.4	11/5/11 8:06	WSD	
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/5/11 8:06	WSD	
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/5/11 8:06	WSD	
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/5/11 8:06	WSD	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/5/11 8:06	WSD	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/5/11 8:06	WSD	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/5/11 8:06	WSD	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/5/11 8:06	WSD	
cis-1,3-Dichloropropene	ND	0.020		ND	0.091	0.4	11/5/11 8:06	WSD	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/5/11 8:06	WSD	
Ethylbenzene	0.029	0.020		0.13	0.087	0.4	11/5/11 8:06	WSD	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/5/11 8:06	WSD	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/5/11 8:06	WSD	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/5/11 8:06	WSD	
Methylene Chloride	ND	0.20		ND	0.69	0.4	11/5/11 8:06	WSD	
4-Methyl-2-pentanone (MIBK)	0.094	0.020		0.39	0.082	0.4	11/5/11 8:06	WSD	
Styrene	ND	0.020		ND	0.085	0.4	11/5/11 8:06	WSD	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/5/11 8:06	WSD	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/5/11 8:06	WSD	
Tetrachloroethylene	ND	0.010		ND	0.068	0.4	11/5/11 8:06	WSD	

ANALYTICAL RESULTS

Project Location: Alvarez High School
 Date Received: 10/28/2011
Field Sample #: Ambient
Sample ID: 11J1067-07
 Sample Matrix: Ambient Air
 Sampled: 10/28/2011 10:00

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1147
 Canister Size: 6 liter
 Flow Controller ID: 4086
 Sample Type: 30 minutes

Work Order: 11J1067
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -1
 Flow Controller Type: Fixed Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		Flag	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Toluene	0.38	0.020		1.4	0.075	0.4	11/5/11	8:06	WSD
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	11/5/11	8:06	WSD
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/5/11	8:06	WSD
Trichloroethylene	ND	0.010		ND	0.054	0.4	11/5/11	8:06	WSD
Trichlorofluoromethane (Freon 11)	0.26	0.020		1.5	0.11	0.4	11/5/11	8:06	WSD
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/5/11	8:06	WSD
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/5/11	8:06	WSD
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/5/11	8:06	WSD
m&p-Xylene	0.11	0.040		0.48	0.17	0.4	11/5/11	8:06	WSD
o-Xylene	0.041	0.020		0.18	0.087	0.4	11/5/11	8:06	WSD

Surrogates	% Recovery	% REC Limits	Date/Time
4-Bromofluorobenzene (1)	99.6	70-130	11/5/11 8:06
4-Bromofluorobenzene (2)	114	70-130	11/5/11 8:06

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
11J1067-01 [MP-2]	B040704	2	1	N/A	1000	400	80	11/04/11
11J1067-02 [MP-5]	B040704	2	1	N/A	1000	400	80	11/04/11
11J1067-03 [MP-7]	B040704	2	1	N/A	1000	400	80	11/04/11
11J1067-04 [MP-8]	B040704	2	1	N/A	1000	400	80	11/04/11
11J1067-05 [IMP-1]	B040704	2	1	N/A	1000	400	80	11/04/11
11J1067-06 [IMP-3]	B040704	2	1	N/A	1000	400	80	11/04/11
11J1067-07 [Ambient]	B040704	1	1	N/A	1000	400	1000	11/04/11

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	

Batch B040704 - TO-15 Prep

Blank (B040704-BLK1)

Prepared & Analyzed: 11/04/11

Acetone	ND	0.80								
Acrylonitrile	ND	0.12								L-03, V-05
Benzene	ND	0.010								
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	0.020								
Chlorobenzene	ND	0.010								
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	0.010								
1,3-Dichloropropane	ND	0.054								
cis-1,3-Dichloropropene	ND	0.020								
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								
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	0.020								

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		

Batch B040704 - TO-15 Prep

Blank (B040704-BLK1)

Prepared & Analyzed: 11/04/11

m&p-Xylene	ND	0.040									
o-Xylene	ND	0.020									
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	7.66				8.00		95.8	70-130			
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	8.85				8.00		111	70-130			

LCS (B040704-BS1)

Prepared & Analyzed: 11/04/11

Acetone	3.98				5.00		79.6	50-150			
Acrylonitrile	1.94				2.88		67.5 *	70-130			L-03, V-05
Benzene	3.92				5.00		78.5	70-130			
Bromodichloromethane	4.17				5.00		83.4	70-130			
Bromoform	5.04				5.00		101	70-130			
2-Butanone (MEK)	4.21				5.00		84.1	70-130			
n-Butylbenzene	0.956				1.14		83.9	50-150			
sec-Butylbenzene	0.927				1.14		81.3	50-150			
Carbon Tetrachloride	4.83				5.00		96.7	70-130			
Chlorobenzene	4.22				5.00		84.4	70-130			
Chloroethane	4.26				5.00		85.1	70-130			
Chloroform	4.60				5.00		92.0	70-130			
Chloromethane	4.40				5.00		87.9	70-130			
Dibromochloromethane	4.68				5.00		93.7	70-130			
1,2-Dibromoethane (EDB)	4.11				5.00		82.1	70-130			
1,2-Dichlorobenzene	4.45				5.00		89.0	70-130			
1,3-Dichlorobenzene	4.65				5.00		92.9	70-130			
1,4-Dichlorobenzene	4.47				5.00		89.5	70-130			
Dichlorodifluoromethane (Freon 12)	5.01				5.00		100	70-130			
1,1-Dichloroethane	4.47				5.00		89.5	70-130			
1,2-Dichloroethane	4.35				5.00		87.0	70-130			
1,1-Dichloroethylene	4.47				5.00		89.4	70-130			
cis-1,2-Dichloroethylene	4.40				5.00		87.9	70-130			
trans-1,2-Dichloroethylene	4.49				5.00		89.8	70-130			
1,2-Dichloropropane	3.87				5.00		77.4	70-130			
1,3-Dichloropropane	0.972				1.35		72.0	70-130			
cis-1,3-Dichloropropene	4.38				5.00		87.6	70-130			
trans-1,3-Dichloropropene	3.96				5.00		79.1	70-130			
Ethylbenzene	4.43				5.00		88.6	70-130			
Isopropylbenzene (Cumene)	1.04				1.27		81.8	70-130			
p-Isopropyltoluene (p-Cymene)	0.914				1.14		80.2	50-150			
Methyl tert-Butyl Ether (MTBE)	4.79				5.00		95.7	70-130			
Methylene Chloride	4.50				5.00		90.0	70-130			
4-Methyl-2-pentanone (MIBK)	3.53				5.00		70.6	70-130			
Styrene	4.56				5.00		91.2	70-130			
1,1,1,2-Tetrachloroethane	0.692				0.910		76.0	50-150			
1,1,2,2-Tetrachloroethane	4.04				5.00		80.8	70-130			
Tetrachloroethylene	4.20				5.00		83.9	70-130			
Toluene	4.37				5.00		87.4	70-130			
1,1,1-Trichloroethane	4.22				5.00		84.5	70-130			
1,1,2-Trichloroethane	4.45				5.00		89.0	70-130			

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	Limit	Flag
	Results	RL	Results	RL	ppbv	Result	%REC			

Batch B040704 - TO-15 Prep

LCS (B040704-BS1)

Prepared & Analyzed: 11/04/11

Trichloroethylene	4.09				5.00		81.8		70-130	
Trichlorofluoromethane (Freon 11)	4.21				5.00		84.1		70-130	
1,2,4-Trimethylbenzene	4.57				5.00		91.5		70-130	
1,3,5-Trimethylbenzene	4.57				5.00		91.4		70-130	
Vinyl Chloride	4.22				5.00		84.5		70-130	
m&p-Xylene	9.11				10.0		91.1		70-130	
o-Xylene	4.38				5.00		87.5		70-130	
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.91</i>				<i>8.00</i>		<i>98.8</i>		<i>70-130</i>	
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	<i>9.01</i>				<i>8.00</i>		<i>113</i>		<i>70-130</i>	

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-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.

CERTIFICATIONS

Certified Analyses included in this Report

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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EPA TO-15 in Air

o-Xylene AIHA,FL,NJ,NY

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Public Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013



Phone: 413-525-2332
 Fax: 413-525-6405
 Email: info@contestlabs.com
 www.contestlabs.com

AIR SAMPLE CHAIN OF CUSTODY RECORD
 11510609

39 SPRUCE ST
 EAST LONGMEADOW, MA 01028

Page 2 of 2
 1041

Company Name: EA Engineering
 Address: 2374 Post Rd
Suite 102
Ron Mack

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

Attention: Ron Mack
 Project Location: Alvarez High School
 Sampled By: PT + MT

Proposal Provided? (For Billing purposes)
 yes no

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #: _____
 Email: cmacke@east.com
 Format: EXCEL PDF GIS KEY OTHER _____

Field ID	Sample Description	Media	Lab #	Start Time	Stop Date	Total Minutes Sampled	Flow Rate (L/Min)	Volume (Liters or M ³)	Matrix Code*	ANALYSIS REQUESTED	
										Hg	Pb
MP-2	MP-2	S	01	0930	1006	30	0.2	6	SS	X	
MP-5	MP-5	S	02	0938	1038-11	30			SS		
MP-7	MP-7	S	03	0951	1021	30			SS		
MP-8	MP-8	S	04	0957	1028-11	29			SS		
IMP-1	IMP-1	S	05	0825	1028-11	30			SS		
IMP-3	IMP-3	S	06	0844	0836	32			SS		
Ambient	Ambient	S	07	0928	1000	32	0.2	6	AMB	X	

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by (signature)

Received by (signature)

Relinquished by (signature)

Received by (signature)

Date/Time: 10/24/11 1345

Date/Time: 10/24/11 1450

Date/Time: 10/24/11 345 PM

Date/Time: 10/28/11 1545

Turnaround **

7-Day
 10-Day
 Other _____

*24-Hr *48-Hr
 *72-Hr *4-Day
 Approval Required

Special Requirements

Regulations: CT Draft Revised Volatilization

Data Enhancement/RCP? Y N

Enhanced Data Package Y N

Required Detection Limits: _____

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 _____

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

Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Summa Canister ID: 1096, 1142, 1043, 4085, 4080, 4081, 1025, 1024, 1023, 1022, 1021, 1020, 1019, 1018, 1017, 1016, 1015, 1014, 1013, 1012, 1011, 1010, 1009, 1008, 1007, 1006, 1005, 1004, 1003, 1002, 1001, 1000

Flow Controller ID: 4103, 4075, 4085, 4080, 4081, 4082, 4083, 4084, 4085, 4086, 4087, 4088, 4089, 4090, 4091, 4092, 4093, 4094, 4095, 4096, 4097, 4098, 4099, 4100

** 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.



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

AIR Only Receipt Checklist

CLIENT NAME: EA Engineering RECEIVED BY: muc DATE: 10/28/11

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: _____

Air Media received at Con-Test

		# of Containers	Types (Size, Duration)
Air Sampling Media	Summa Cans	7	1L
	Tedlar Bags		
	Tubes		
Flow Controllers	Regulators	7	30min
	Restrictors		
Extras	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:

APPENDIX D

***Rooftop Effluent
Analytical Summary***

Alvarez School - Sub Slab Depressurization System Emissions Calculations

Sample Date - 16 July 2010

Volatile Organic Compounds	ROOFTOP FAN 1 (Measured air flow = 108 cubic feet per minute)				ROOFTOP FAN 2 (Measured air flow = 190 cubic feet per minute)				ROOFTOP FAN 3 (Measured air flow = 124 cubic feet per minute)				CUMULATIVE EMISSIONS (3 fans combined)		
	Concentration (ug/m ³)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m ³)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m ³)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)
Dichlorodifluoromethane	2.400	1.70E-06	4.08E-05	1.49E-02	2.43	1.17E-06	2.81E-05	1.03E-02	2.39	1.03E-06	2.47E-05	9.02E-03	3.90E-06	9.37E-05	3.42E-02
Chloromethane	1.030	U	7.30E-07	1.75E-05	6.40E-03	1.03	U	4.97E-07	1.19E-05	4.35E-03	1.03	U	4.44E-07	1.07E-05	3.89E-03
Vinyl chloride	0.051	U	3.61E-08	8.68E-07	3.17E-04	0.051	U	2.46E-08	5.91E-07	2.16E-04	0.051	U	2.20E-08	5.28E-07	1.93E-04
Chloroethane	0.053	U	3.76E-08	9.02E-07	3.29E-04	0.106		5.12E-08	1.23E-06	4.48E-04	0.053	U	2.28E-08	5.48E-07	2.00E-04
Acetone	11.100		7.87E-06	1.89E-04	6.89E-02	8.29		4.00E-06	9.60E-05	3.50E-02	4.75	U	2.05E-06	4.91E-05	1.79E-02
Trichlorofluoromethane	53.300		3.78E-05	9.07E-04	3.31E-01	111		5.36E-05	1.29E-03	4.69E-01	17.5		7.54E-06	1.81E-04	6.61E-02
Acrylonitrile	1.080	U	7.65E-07	1.84E-05	6.71E-03	1.08	U	5.21E-07	1.25E-05	4.57E-03	1.08	U	4.66E-07	1.12E-05	4.08E-03
1,1-Dichloroethene	0.079	U	5.60E-08	1.34E-06	4.90E-04	0.079	U	3.81E-08	9.15E-07	3.34E-04	0.079	U	3.41E-08	8.17E-07	2.98E-04
Methylene chloride	7.990		5.66E-06	1.36E-04	4.96E-02	3.47	U	1.67E-06	4.02E-05	1.47E-02	3.47	U	1.50E-06	3.59E-05	1.31E-02
trans-1,2-Dichloroethene	0.079	U	5.60E-08	1.34E-06	4.90E-04	0.079	U	3.81E-08	9.15E-07	3.34E-04	0.079	U	3.41E-08	8.17E-07	2.98E-04
1,1-Dichloroethane	0.081	U	5.74E-08	1.38E-06	5.03E-04	0.081	U	3.91E-08	9.38E-07	3.42E-04	0.081	U	3.49E-08	8.38E-07	3.06E-04
Methyl tert butyl ether	0.072	U	5.10E-08	1.22E-06	4.47E-04	0.072	U	3.47E-08	8.34E-07	3.04E-04	0.072	U	3.10E-08	7.45E-07	2.72E-04
2-Butanone	1.470	U	1.04E-06	2.50E-05	9.13E-03	1.47	U	7.09E-07	1.70E-05	6.21E-03	1.47	U	6.34E-07	1.52E-05	5.55E-03
cis-1,2-Dichloroethene	0.079	U	5.60E-08	1.34E-06	4.90E-04	0.079	U	3.81E-08	9.15E-07	3.34E-04	0.079	U	3.41E-08	8.17E-07	2.98E-04
Chloroform	0.317		2.25E-07	5.39E-06	1.97E-03	0.84		4.05E-07	9.73E-06	3.55E-03	0.327		1.41E-07	3.38E-06	1.23E-03
1,2-Dichloroethane	0.081	U	5.74E-08	1.38E-06	5.03E-04	0.081	U	3.91E-08	9.38E-07	3.42E-04	0.081	U	3.49E-08	8.38E-07	3.06E-04
1,1,1-Trichloroethane	2.060		1.46E-06	3.50E-05	1.28E-02	1.35		6.52E-07	1.56E-05	5.71E-03	1.11		4.78E-07	1.15E-05	4.19E-03
Benzene	0.543		3.85E-07	9.24E-06	3.37E-03	0.319	U	1.54E-07	3.69E-06	1.35E-03	0.319	U	1.37E-07	3.30E-06	1.20E-03
Carbon tetrachloride	0.428		3.03E-07	7.28E-06	2.66E-03	0.402		1.94E-07	4.66E-06	1.70E-03	0.409		1.76E-07	4.23E-06	1.54E-03
1,2-Dichloropropane	0.092	U	6.52E-08	1.56E-06	5.71E-04	0.092	U	4.44E-08	1.07E-06	3.89E-04	0.092	U	3.97E-08	9.52E-07	3.47E-04
Bromodichloromethane	0.134	U	9.50E-08	2.28E-06	8.32E-04	0.134	U	6.47E-08	1.55E-06	5.67E-04	0.134	U	5.78E-08	1.39E-06	5.06E-04
Trichloroethene	83.800		5.94E-05	1.43E-03	5.20E-01	75.8		3.66E-05	8.78E-04	3.20E-01	28.7		1.24E-05	2.97E-04	1.08E-01
cis-1,3-Dichloropropene	0.091	U	6.45E-08	1.55E-06	5.65E-04	0.091	U	4.39E-08	1.05E-06	3.85E-04	0.091	U	3.92E-08	9.41E-07	3.44E-04
4-Methyl-2-pentanone	2.050	U	1.45E-06	3.49E-05	1.27E-02	2.05	U	9.89E-07	2.37E-05	8.67E-03	2.05	U	8.84E-07	2.12E-05	7.74E-03
trans-1,3-Dichloropropene	0.091	U	6.45E-08	1.55E-06	5.65E-04	0.091	U	4.39E-08	1.05E-06	3.85E-04	0.091	U	3.92E-08	9.41E-07	3.44E-04
1,1,2-Trichloroethane	0.109	U	7.73E-08	1.85E-06	6.77E-04	0.109	U	5.26E-08	1.26E-06	4.61E-04	0.109	U	4.70E-08	1.13E-06	4.12E-04
Toluene	1.550		1.10E-06	2.64E-05	9.62E-03	0.712		3.44E-07	8.25E-06	3.01E-03	1.12		4.83E-07	1.16E-05	4.23E-03
Dibromochloromethane	0.170	U	1.20E-07	2.89E-06	1.06E-03	0.17	U	8.20E-08	1.97E-06	7.19E-04	0.17	U	7.33E-08	1.76E-06	6.42E-04
1,2-Dibromoethane	0.154	U	1.09E-07	2.62E-06	9.56E-04	0.154	U	7.43E-08	1.78E-06	6.51E-04	0.154	U	6.64E-08	1.59E-06	5.81E-04
Tetrachloroethene	26.800		1.90E-05	4.56E-04	1.66E-01	12.3		5.94E-06	1.42E-04	5.20E-02	65.6		2.83E-05	6.79E-04	2.48E-01
1,1,1,2-Tetrachloroethane	0.137	U	9.71E-08	2.33E-06	8.51E-04	0.137	U	6.61E-08	1.59E-06	5.79E-04	0.137	U	5.90E-08	1.42E-06	5.17E-04
Chlorobenzene	0.092	U	6.52E-08	1.56E-06	5.71E-04	0.092	U	4.44E-08	1.07E-06	3.89E-04	0.092	U	3.97E-08	9.52E-07	3.47E-04
Ethylbenzene	0.234		1.66E-07	3.98E-06	1.45E-03	0.13		6.27E-08	1.51E-06	5.50E-04	0.582		2.51E-07	6.02E-06	2.20E-03
p/m-Xylene	0.669		4.74E-07	1.14E-05	4.15E-03	0.521		2.51E-07	6.03E-06	2.20E-03	1.32		5.69E-07	1.37E-05	4.98E-03
Bromoform	0.207	U	1.47E-07	3.52E-06	1.29E-03	0.207	U	9.99E-08	2.40E-06	8.75E-04	0.207	U	8.92E-08	2.14E-06	7.82E-04
Styrene	0.213		1.51E-07	3.62E-06	1.32E-03	0.511		2.47E-07	5.92E-06	2.16E-03	0.089		3.84E-08	9.21E-07	3.36E-04
1,1,2,2-Tetrachloroethane	0.137	U	9.71E-08	2.33E-06	8.51E-04	0.137	U	6.61E-08	1.59E-06	5.79E-04	0.137	U	5.90E-08	1.42E-06	5.17E-04
o-Xylene	0.295		2.09E-07	5.02E-06	1.83E-03	0.222		1.07E-07	2.57E-06	9.39E-04	0.3		1.29E-07	3.10E-06	1.13E-03
Isopropylbenzene	2.460	U	1.74E-06	4.18E-05	1.53E-02	2.46	U	1.19E-06	2.85E-05	1.04E-02	2.46	U	1.06E-06	2.54E-05	9.29E-03
1,3,5-Trimethylbenzene	0.187		1.33E-07	3.18E-06	1.16E-03	0.138		6.66E-08	1.60E-06	5.83E-04	0.275		1.19E-07	2.84E-06	1.04E-03
1,2,4-Trimethylbenzene	0.334		2.37E-07	5.68E-06	2.07E-03	0.29		1.40E-07	3.36E-06	1.23E-03	0.496		2.14E-07	5.13E-06	1.87E-03
1,3-Dichlorobenzene	0.120	U	8.51E-08	2.04E-06	7.45E-04	0.12	U	5.79E-08	1.39E-06	5.07E-04	0.12	U	5.17E-08	1.24E-06	4.53E-04
1,4-Dichlorobenzene	0.120	U	8.51E-08	2.04E-06	7.45E-04	0.12	U	5.79E-08	1.39E-06	5.07E-04	0.12	U	5.17E-08	1.24E-06	4.53E-04
sec-Butylbenzene	2.740	U	1.94E-06	4.66E-05	1.70E-02	2.74	U	1.32E-06	3.17E-05	1.16E-02	2.74	U	1.18E-06	2.83E-05	1.03E-02
p-Isopropyltoluene	2.740	U	1.94E-06	4.66E-05	1.70E-02	2.74	U	1.32E-06	3.17E-05	1.16E-02	2.74	U	1.18E-06	2.83E-05	1.03E-02
1,2-Dichlorobenzene	0.120	U	8.51E-08	2.04E-06	7.45E-04	0.12	U	5.79E-08	1.39E-06	5.07E-04	0.12	U	5.17E-08	1.24E-06	4.53E-04
n-Butylbenzene	2.740	U	1.94E-06	4.66E-05	1.70E-02	2.74	U	1.32E-06	3.17E-05	1.16E-02	2.74	U	1.18E-06	2.83E-05	1.03E-02
Total VOCs	2.11E+02	Not Applicable	Not Applicable	7.46E-01	2.37E+02	Not Applicable	Not Applicable	1.48E+00	1.47E+02	Not Applicable	Not Applicable	5.99E-01	Not Applicable	Not Applicable	2.87E+00
RIDEM Air Pollution Control Permit Applicability Thresholds (lbs) *		10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)

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

Hourly Emissions (lbs/hour) = VOC concentration (ug/m³) x measured flow rate (cfm) x 0.02832 m³/ft³ 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 E

Laboratory Reporting Limits Correspondence



39 Spruce Street
East Longmeadow, MA 01089

December 15, 2011

Mr. Ron Mack
EA Engineering Science & Technology
2350 Post Road
Warwick, RI 02886
RE: CT Remediation Standard Regulations – Volatilization Criteria

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 Laboratories have issues meeting the limits are listed below:

Bromodichloromethane
1,1,2,2-Tetrachloroethane
1,1,1,2-Tetrachloroethane
1,3-Dichloropropane
1,2-Dibromoethane

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

Sincerely,

A handwritten signature in black ink that reads "Tod Kopyscinski". The signature is written in a cursive, flowing style.

Tod Kopyscinski
Air Laboratory Manager