EA Engineering, Science, and Technology, Inc.

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8 March 2011

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

RE: January 2011 Air Sampling Event Comment Letter
Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island
Case No. 2005-029
EA Project No. 14687.01.0001

Dear Mr. Martella:

On behalf of the City of Providence Department of Public Schools, EA Engineering, Science, and Technology, Inc. (EA) is providing this summary of data collected at the referenced Alvarez High School site (the Site) on 26 January 2011.

In accordance with the Order of Approval and amendments (Amended OA) for this Site, your office was notified via telephone that two compounds, benzene and methylene chloride, were detected in several samples collected from the Site at concentrations that exceeded the State of Connecticut's Draft Proposed Indoor Residential Targeted Air Concentrations during the July and October 2010 sampling events. EA developed a program to determine if the concentrations of methylene chloride detected in these sampling events by Alpha Laboratories were indeed related to the Site or some other contaminating factor.

The data validation program entailed the inclusion of split indoor air samples from three locations where methylene chloride had exceeded the applicable standards. Additionally, EA solicited the assistance of RIDEM to collect co-located air samples at four of the indoor sampling points. The collected air samples were analyzed at Alpha Analytical Laboratory (Alpha), Con-Test Analytical Laboratory (Con-Test), and the RIDEM Office of Air Resources Laboratory (RIDEM). The laboratory reports from the sampling event are presented in Appendices A, B, C and D. The data is summarized on Tables 1 and 2.

Concurrently, EA held discussions with Alpha concerning elevated detection limits. Alpha acknowledged that issues had been discovered in its heating, ventilation, and air conditioning (HVAC) system. Alpha responded by upgrading its HVAC system to reduce their detection limits. A letter attesting to this admission is provided in Appendix E.

The analytical results obtain from Alpha again identified exceedances of the proposed Connecticut Indoor Air Standards for methylene chloride (3.0 $\mu g/m^3$) in three of the rooms

sampled during the sampling event. Specifically, methylene chloride was detected in Room 145, Room 149, and the kitchen storage room.

Summary of Methylene Chloride Concentrations
Alvarez High School
Providence, RI
26 January 2011 Sampling Event

Sample Area	*Alpha*	*Con-Test*	*RIDEM*	*Standard*
Room 145	5.29 $\mu g/m^3$	1.6 $\mu g/m^3$	0.50 $\mu g/m^3$	3.0 $\mu g/m^3$
Room 149	4.88 $\mu g/m^3$	NA	NA	3.0 $\mu g/m^3$
Kitchen Storage	4.53 $\mu g/m^3$	NA	NA	3.0 $\mu g/m^3$
Ambient Outdoor	ND (2.95 $\mu g/m^3$)	NA	0.49 $\mu g/m^3$	3.0 $\mu g/m^3$
Gymnasium	ND (2.96 $\mu g/m^3$)	1.7 $\mu g/m^3$	0.50 $\mu g/m^3$	3.0 $\mu g/m^3$
Cafeteria	ND (2.95 $\mu g/m^3$)	1.6 $\mu g/m^3$	0.63 $\mu g/m^3$	3.0 $\mu g/m^3$
NA = Not Analyzed, ND= Not Detected				

The data generated by the three laboratories indicates that methylene chloride continues to be an issue at Alpha. Neither Con-Test nor the RIDEM laboratory were able to reproduce the concentrations detected by Alpha. These analytical results were shared with Barbara Morin of RIDEM's Office of Air Resources. Ms. Morin concurred that the presence and levels of methylene chloride reported by Alpha were typical of contamination of the sampling equipment and not related to vapor intrusion from the subsurface contamination. A copy of Ms. Moran's letter is provided in Appendix F. A letter attesting to Alpha's difficulty in reaching the regulatory thresholds is provided in Appendix G.

Analytical results indicate methylene chloride was not detected in any subslab samples. However, reporting limits were elevated for several subslab samples due to the laboratory providing flow controllers set to an inappropriate flow rate. Subslab samples collected below the areas of methylene chloride detection include MP-3 and MP-8. MP-3 was sampled but not analyzed due to moisture infiltrating the flow controller and preventing sample collection. MP-8 was sampled and analyzed, but the reporting limit is 17.4 $\mu g/m^3$. A common rule of thumb borne out by the Johnson Ettinger Air Dispersion Model suggests there is an approximately 2000-fold dilution factor between soil vapor and indoor air in buildings with a competent concrete floor. Therefore, the methylene chloride subslab soil vapor concentration supports that the indoor air detections are not related to impacts emanating from the subsurface contamination.

Benzene was also detected above the regulatory threshold in Rooms 152 and 110. However, the ambient outdoor air concentration of benzene is consistent with the indoor air concentrations. Therefore, the detection of benzene in the building is not indicative of impacts from the subsurface contamination but rather the result of the ambient air quality.

EA also collected indoor air samples in the two chemistry laboratories within the school to determine if the methylene chloride detection may be resultant from experiments being

conducted in the school. Analytical results indicate a methylene chloride concentration in Room 149 was similar to the other detections in Room 145 and the kitchen storage room. Therefore, EA does not believe the school's chemistry laboratories are source areas for the methylene chloride detections.

EA monitored the SSD System concurrently with the indoor air sampling. Vacuum readings are collected at 11 soil vapor monitoring points throughout the school using a Magnahelic vacuum gauge capable of measuring to 0.01 in. of water. The results indicate that a vacuum is being maintained by the SSD system at each sampling point. Therefore, the SSD System data indicates that the system continues to operate effectively in accordance with design, and a negative pressure is consistently maintained throughout the school. The system has operated without a shutdown during the entire quarter. A copy of the monitoring report is provided in Attachment H.

No SSD system modifications or other actions to address current site conditions are warranted or proposed at this time. Your office will be notified if it is determined that this issue persists or if any other issues arise. If you have any questions or require additional information, please contact me at (401) 736-3440, Ext. 203.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

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

FBP/rgm
attachments

Figures

Figure 1: Site Locus
Figure 2: Indoor Air Sampling and Methane Monitoring Plan
Figure 3: As-Built Subslab Monitoring and Sampling Locations Plan

Tables

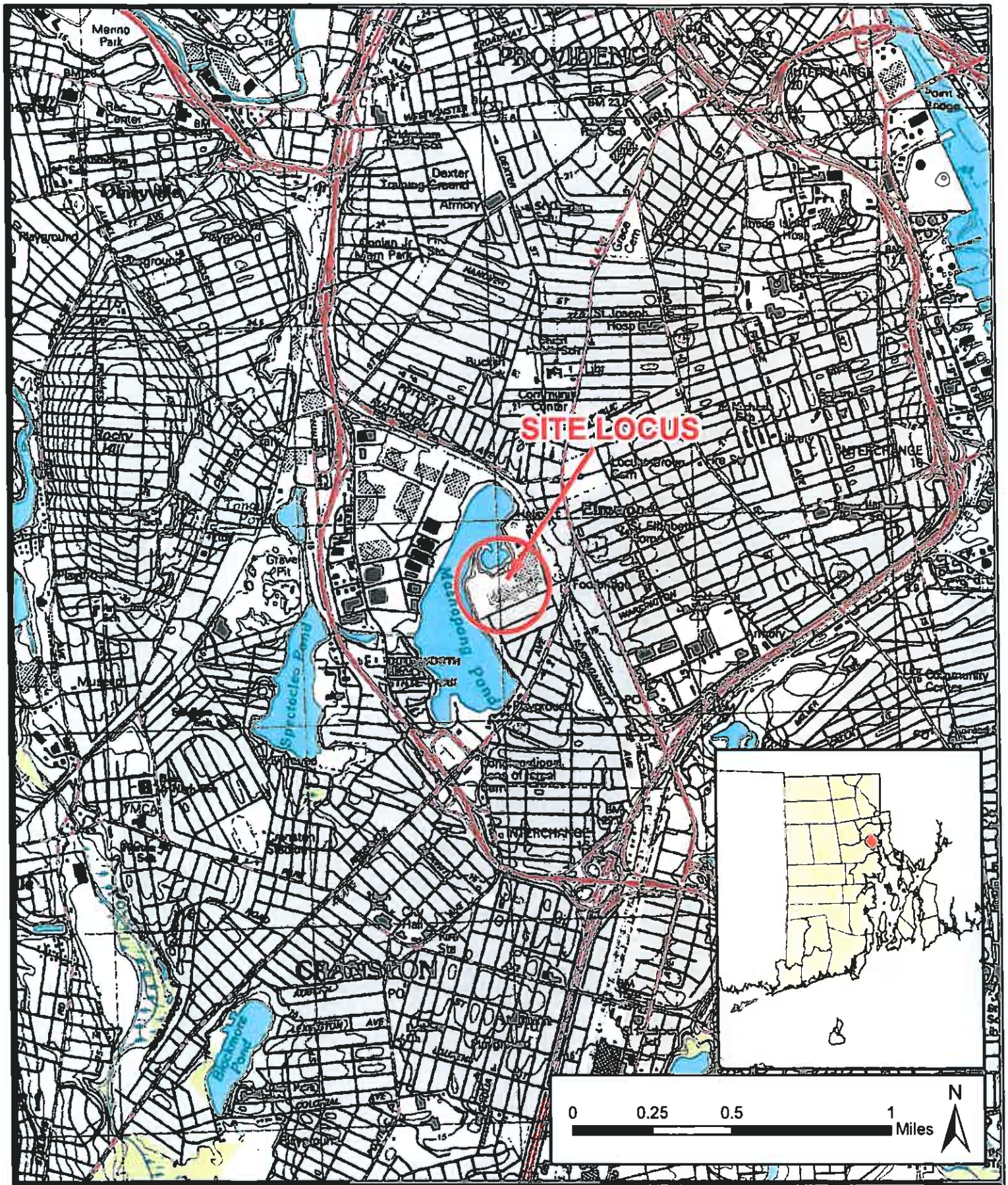
Table 1: Summary of Indoor and Outdoor Air Sampling Data
Table 2: Summary of Subslab Air Sampling Data

Attachments

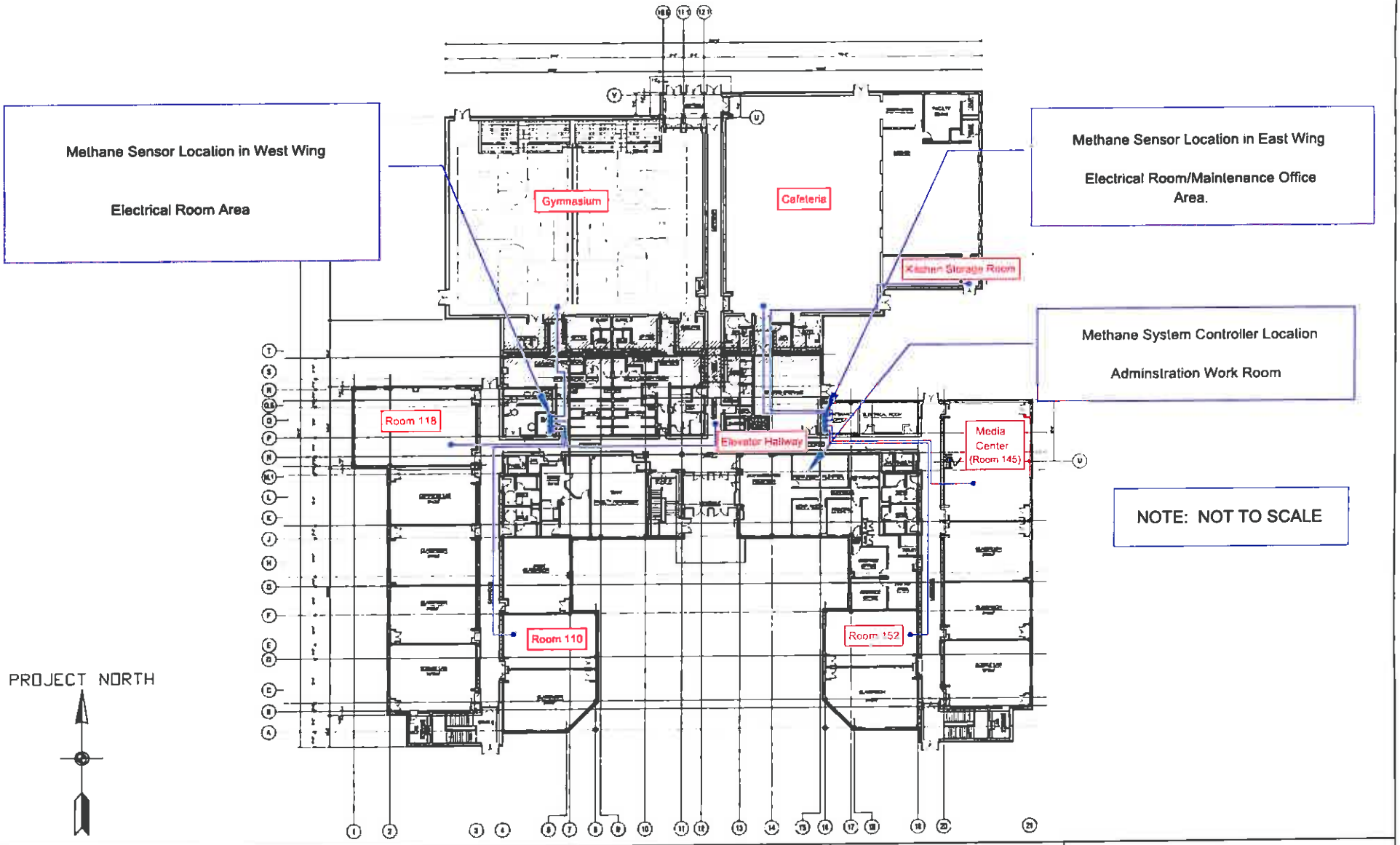
Attachment A: Indoor Air Analytical Report, Alpha Analytical, 26 January 2011
Attachment B: Indoor Air Analytical Report, Con-Test Laboratory, 26 January 2011
Attachment C: Indoor Air Analytical Report, RIDEM, 26 January 2011
Attachment D: Subslab Vapor Analytical Report, Alpha Analytical, 26 January 2011
Attachment E: Alpha HVAC Letter
Attachment F: RIDEM Air Resources Comment Letter, 28 February 2011
Attachment G: Reporting Limits Letter, Alpha Analytical, 11 February 2011
Attachment H: Operation and Maintenance Form, 21 April 2010

cc: C. Jones, Prov. Dept. of Public Schools
T. Deller, Prov. Redevelopment Agency
J. Fernandez, 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

FIGURES



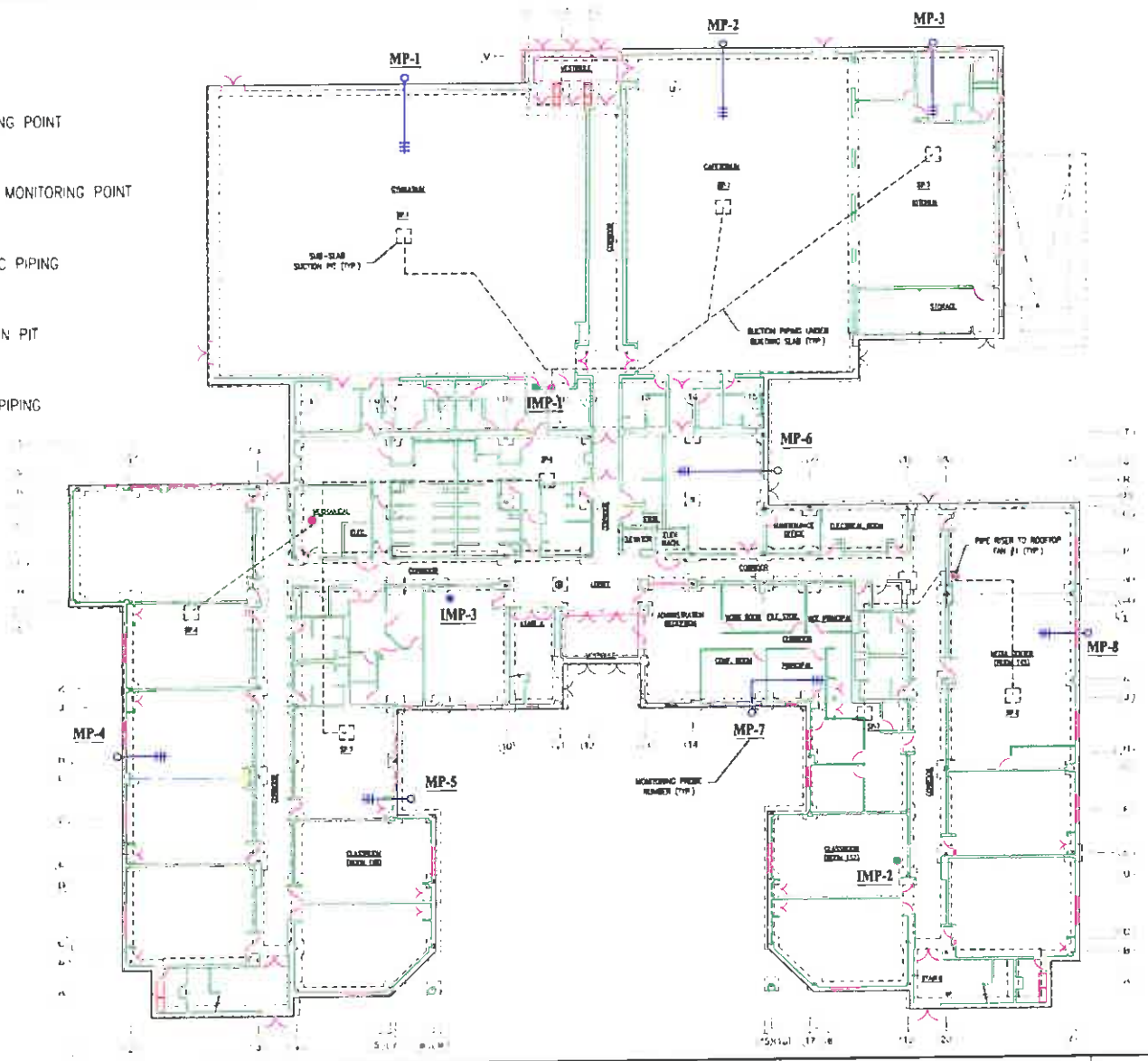
EA	ALVAREZ HIGH SCHOOL 333 ADELAIDE AVENUE PROVIDENCE, RHODE ISLAND					FIGURE 1 SITE LOCUS	
PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
FP	PT	PT	FP	1:24,000	FEBRUARY 2010	14687.01	SITE_LOCUS.MXD



DESIGNED BY PMG	DRAWN BY PMG	DATE 4-3-07	PROJECT NO. 61985.01	FILE NAME Gorham Layout	INDOOR AIR SAMPLING AND METHANE MONITORING SYSTEM DIAGRAM - GORHAM HIGH SCHOOL PROVIDENCE, RHODE ISLAND	QUARTERLY STATUS REPORT FIGURE 2
CHECKED BY PMG	PROJECT MGR. PMG	SCALE NTS	DRAWING NO. --	FIGURE N/A		

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



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

TABLES

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approved Action Level	Kitchen Storage [illegible]	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 11[illegible]	Qual	Media Center/Rm 1[illegible]	Qual	Room 15[illegible]	Qual	Room 1[illegible]	Qual	Room 2[illegible]	Qual	Ambient Outdoor	Qual
[illegible]	8-Feb-08	[illegible]	[illegible]		1.860		1.980		[illegible]		1.83[illegible]		1.540		[illegible]		1.900						[illegible]	
	27-Mar-08		2.42[illegible]		2.18		[illegible]		[illegible]		2.80		[illegible]		[illegible]		2.07[illegible]						[illegible]	
	25-Apr-08		2.0[illegible]		2.10		[illegible]		2.170		2.030		1.990		2.080		2.01						[illegible]	
	29-May-08		1.700		1.630		1.540		1.780		1.630		1.610		1.780		1.60[illegible]						[illegible]	
	27-Jun-08		2.280		2.280		2.370		2.330		2.240		2.270		[illegible]		[illegible]						2.27[illegible]	
	31-Jul-08		2.030		2.020		1.970		1.970		1.910		1.920		1.82[illegible]		[illegible]						[illegible]	
	28-Aug-08		[illegible]		2.870		2.920		2.070		2.920		2.800		2.80[illegible]		2.980						2.77	
	30-Sep-08		2.500		2.700		2.500	U	2.500	U	2.500	U	[illegible]		2.800		2.500	U					2.50[illegible]	U
	27-Oct-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U					2.500	
	25-Nov-08		2.500	U	2.500	U	2.500	U	2.500	U	3.400	U	2.500	U	2.500		2.500	U					2.50	U
	18-Dec-08	[illegible]	2.700		2.500	U	2.500	U	2.500	U	2.500	U	2.400	U	2.500		2.500	U					2.50	
	21-Jan-09		2.500		2.500	U	2.500		2.500	U	2.500		2.400	U	[illegible]		2.400	U					2.50	
	25-Feb-09		2.500	U	2.500	U	2.500		NS		2.500		2.500		2.50		2.500	U					2.50	U
	26-Mar-09		2.220		2.190		2.120		2.080		2.220		2.180		2.090		2.120						[illegible]	
	29-Apr-09		2.500		2.2[illegible]		2.480		2.320		2.280		2.320		2.390		2.3[illegible]						[illegible]	
	22-Jul-09		3.140		3.120		2.820		3.080		2.780		[illegible]		2.880		2.8[illegible]						[illegible]	
	9-Oct-09		2.780		2.580		2.300		2.120		2.3[illegible]		[illegible]		2.300		2.290						2.2[illegible]	
	15-Jan-10		[illegible]		2.580		2.480		2.580		2.410		2.540		2.450		2.410						2.4[illegible]	
	21-Apr-10		2.340		2.320		2.520		2.330		2.330		2.280		2.320		2.330						[illegible]	
	16-Jul-10		2.480		2.580		2.430		2.520		[illegible]		2.480		2.5[illegible]		2.480						2.740	
	15-Oct-10		2.480		2.410		2.580		2.4[illegible]		2.47[illegible]		2.410		2.450		2.4[illegible]						2.630	
	30-Nov-10		NS		2.480		2.550		NS		NS		NS		[illegible]		NS						NS	
	25-Jan-11		[illegible]		2.640		2.340		[illegible]		2.15[illegible]		[illegible]		2.37[illegible]		2.560		[illegible]		[illegible]		2.440	
	[illegible]-Jan-11**		NS		[illegible]		[illegible]		[illegible]		NS		[illegible]		2.600		[illegible]						[illegible]	
[illegible]	8-Feb-08		2.440	U	2.440	[illegible]	2.440	U	[illegible]	[illegible]	2.440	[illegible]	[illegible]		[illegible]		[illegible]	U					[illegible]	U
	27-Mar-08		2.830		3.070		2.680		2.440	U	2.830		[illegible]		2.480		2.440	U					2.440	U
	25-Apr-08		2.620		2.440	U	2.440	U	2.440	U	2.440	U	[illegible]		2.440	U	3.140						2.440	U
	29-May-08		2.790		3.000		7.100		11.000		[illegible]		8.280		6.420		2.770						2.440	U
	17-Jun-08		2.850		2.440		2.440		2.830		3.260		[illegible]		2.440	U	2.500						[illegible]	U
	31-Jul-08		3.560		[illegible]		[illegible]		4.370		[illegible]		[illegible]		2.440		2.440						2.440	U
	28-Aug-08		2.440		[illegible]		5.310		4.880		[illegible]		[illegible]		2.540		2.540						2.440	U
	30-Sep-08		1.400		1.30[illegible]		1.100		1.400		1.000	U	1.700		1.400		1.000						1.200	
	27-Oct-08		1.000	U	1.00[illegible]		1.000	U	1.000	U	1.000	U	1.200		1.000		1.000						1.000	
	25-Nov-08		1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000		1.000	U	1.00[illegible]						1.00	U
	18-Dec-08	14.[illegible]	1.000	U	[illegible]	U	1.000	U	1.400		1.000		1.000	U	1.000		1.10						1.00	U
	21-Jan-09		1.000	U	[illegible]		1.000	U	1.500		1.000		1.000	U	1.400		1.10						1.2[illegible]	
	25-Feb-09		1.000	U	1.000		1.000		NS		1.500		[illegible]	U	1.000	U	1.100						1.00	
	26-Mar-09		2.4[illegible]		[illegible]		2.550		2.870		2.910		2.440	U	2.440		2.440	U					2.4[illegible]	
	29-Apr-09		2.710		2.810		3.600		3.730		3.130		2.680		[illegible]		2.990						2.510	
	22-Jul-09		2.670		2.520		2.690		2.540		2.440	U	2.780		1.380		3.320						2.44[illegible]	U
	9-Oct-09		3.480		2.740		2.440	U	2.440	U	2.440	U	2.440	U	2.440		2.440						2.440	
	15-Jan-10		3.850		3.680		2.820		3.180		3.240		3.630		3.170		3.750						2.900	
	21-Apr-10		2.560		2.440	U	2.440	U	2.440	U	2.440	U	[illegible]		2.520		2.440	U					2.48[illegible]	
	16-Jul-10		1.510		1.680		1.050		1.080		1.680		1.110		1.100		1.100						[illegible]	
	15-Oct-10		1.080		1.080		1.030	U	1.050		[illegible]		1.030	U	1.030		[illegible]	U					[illegible]	U
	30-Nov-10		NS		1.030	U	1.030	U	NS		NS		NS		1.03[illegible]	U	NS						NS	
	25-Jan-11		1.780	U	1.750	U	1.780		[illegible]	U	1.780	U	1.750	U	1.75[illegible]	U	1.780	U	[illegible]	U	[illegible]	U	[illegible]	
	26-Jan-11**		[illegible]		1.10[illegible]		1.000		NS		[illegible]		NS		[illegible]		[illegible]						[illegible]	
[illegible] chloride	8-Feb-08		0.050	U	0.050	[illegible]	0.050	[illegible]	0.050	U	0.050	U	0.050		0.050	U	0.050						0.050	
	27-Mar-08		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U					0.051	U
	25-Apr-08		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U					0.051	U
	29-May-08		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U					0.050	U
	17-Jun-08		0.050	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	0.051	U	0.050	U					0.051	U
	31-Jul-08		0.050	U	0.050	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U					0.051	U
	28-Aug-08		0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U					0.051	U
	30-Sep-08		0.100	U	0.100	U	0.130		0.100	U	0.100	U	0.100	U	0.100	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	0.10	U	0.100	U					0.100	U
	18-Dec-08	[illegible]	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U
	21-Jan-09		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U
	25-Feb-09		0.100	U	0.100	U	0.100	U	NS		0.100	U	0.100	U	0.100	U	0.100	U					0.100	U
	26-Mar-09		0.051	U	0.051	U	[illegible]	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		[illegible]		0.051	U	0.051	U	[illegible]	U	0.051	U	[illegible]	U	0.051	U	[illegible]						[illegible]	U
	30-Nov-10		NS		0.051	U	0.051	U	NS		NS		NS		0.051	U	NS						NS	
	25-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	[illegible]	U	[illegible]	U	0.0[illegible]	U
	[illegible]-Jan-11**		NS		0.130		[illegible]	U	NS		[illegible]		NS		[illegible]	U	[illegible]						NS	
[illegible]roethane	8-Feb-08		0.050	U	0.050	U	0.050	U	0.050	[illegible]	0.050	U	0.050	U	0.050	U	0.050						0.050	
	27-Mar-08		0.082		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U
	25-Apr-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053		0.053	U	0.053	U	0.053	U					0.053	U
	29-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U					0.080	U
	27-Jun-08		0.053	U	0.080	U	0.053	U	0.053	U	0.080	U	0.080	U	0.080	U	0.080						0.053	
	31-Jul-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053		0.053						0.053	
	28-Aug-08		0.053	U	0.053		0.053	U	0.053	U	0.053	U	[illegible]	U	0.053	U	[illegible]	U					0.05[illegible]	
	30-Sep-08		1.300	U	1.300		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.3[illegible]	
	27-Oct-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.3[illegible]	
	25-Nov-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300						1.300	
	18-Dec-08	[illegible]	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	[illegible]						1.300	
	21-Jan-09		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	[illegible]						1.300	
	25-Feb-09		1.300	U	1.300	U	1.300	U	NS		1.300		1.300		1.300		[illegible]						1.300	
	26-Mar-09		0.053	U	0.053	U	0.053	U	0.053		0.053		0.053	U	0.053		0.053	U					0.053	
	29-Apr-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053						0.053	
	22-Jul-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	[illegible]						0.053	
	9-Oct-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	[illegible]	U					0.053	
	15-Jan-10		0.053	U	0.053	U	0.053		0.053	U	0.053	U	0.053	U	0.053	U	0.053						[illegible]	
	21-Apr-10		0.053		0.053	U	0.053		0.053	U	0.053	U	0.053	U	0.053	U	0.053						[illegible]	
	16-Jul-10		0.053		0.053	U	0.053		0.053	U	0.053	U	0.053	U	0.053	U	0.053						[illegible]	
	15-Oct-10		[illegible]	U	0.053	U	0.053		[illegible]	U	0.053	U	[illegible]	U	0.053		[illegible]						[illegible]	
	30-Nov-10		NS		0.053		0.053		NS		NS		NS		0.053	U	NS						NS	
	25-Jan-11		[illegible]	U	0.080		0.080	U	[illegible]	U	[illegible]	U	[illegible]	U	0.080		[illegible]		[illegible]	U	[illegible]		[illegible]	
	26-Jan-1[illegible]		[illegible]		0.130	U	[illegible]	U	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	[illegible] Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approved Action Level	Kitchen Storage [illegible]	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual
Acetone	8-Feb-08	[illegible]	30 2[illegible]		8 240		4 1[illegible]		4 [illegible]	
	27-Mar-08		[illegible]		[illegible] 000		[illegible] 000		49 90[illegible]	
	25-Apr-08		81 700		12 900		19 0[illegible]		15 100	
	29-May-08		19 500		18 000		12 8[illegible]		48 200	
	27-Jun-08		[illegible] 900		20 000		20 500		27 700	
	31-Jul-08		32 200		17 200		20 800		48 800	
	28-Aug-08		[illegible] 100		21 100		21 500		25 800	
	30-Sep-08		[illegible] 400		10 400		7 600		11 200	
	27-Oct-08		58 200		[illegible]		14 800		24 100	
	25-Nov-08		[illegible] 300		8 200		5 300		14 000	
	18-Dec-08		[illegible]		18 500		16 900		21 500	
	21-Jan-09		5 300		2 400		[illegible]		[illegible]	
	25-Feb-09		2 400		2 800		2 40[illegible]		NS	
	26-Mar-09		34 40[illegible]		10 [illegible]		8 870		[illegible] 300	
	29-Apr-09		4 750	U	5 700		7 230		8 240	
	22-Jul-09		2 370		13 900		[illegible] 700		[illegible] 700	
	9-Oct-09		19 500		10 300		[illegible] 220		11 00[illegible]	
	15-Jan-10		11 900		8 [illegible]		5 080		8 700	
	21-Apr-10		78 700		22 00[illegible]		23 200		23 200	
	16-Jul-10		[illegible] 200		18 5[illegible]		13 800		18 100	
	15-Oct-10		[illegible] 700		6 180		4 750	U	[illegible] 500	
	30-Nov-10		NS		13 2[illegible]		13 000		NS	
	26-Jan-11		28 5[illegible]		20 800		11 600		[illegible] 90[illegible]	
	26-Jan-11**		[illegible]		[illegible] 000		[illegible]		[illegible]	
Trichlorofluoromethane	8-Feb-08	[illegible]70.0	1 180		[illegible]		1 110		1 010	
	27-Mar-08		1 740		[illegible]		1 540		1 250	
	25-Apr-08		1 740		1 680		1 240		1 840	
	29-May-08		1 020		[illegible]		0 870		1 080	
	27-Jun-08		1 240		1 220		1 290		1 100	
	31-Jul-08		1 080		1 100		[illegible] 010		1 090	
	28-Aug-08		2 140		1 3[illegible]		[illegible] 470		3 290	
	30-Sep-08		2 800	U	2 80[illegible]		2 800		[illegible] 800	U
	27-Oct-08		2 800	U	2 80[illegible]		2 80[illegible]	U	2 800	
	25-Nov-08		2 800	U	2 80[illegible]	U	2 80[illegible]		2 800	U
	18-Dec-08		2 800	U	2 80[illegible]	U	2 800		2 800	U
	21-Jan-09		2 800	U	2 80[illegible]	U	2 800	U	2 800	
	25-Feb-09		2 800		2 800		2 800		NS	
	26-Mar-09		1 220		1 180		1 180		1 140	
	29-Apr-09		1 480		1 170		[illegible] 051		1 270	
	22-Jul-09		1 680		1 670		1 1[illegible]		1 800	
	9-Oct-09		[illegible] 520		1 630		1 510		0 019	
	15-Jan-10		11 9[illegible]		1 280		1 210		1 2[illegible]	
	21-Apr-10		4 170		1 780		2 540		3 20[illegible]	
	16-Jul-10		1 470		1 470		1 480		1 470	
	15-Oct-10		1 410		1 380		1 190		1 350	
	30-Nov-10		NS		1 520		1 490		NS	
	26-Jan-11		1 780		1 890		1 120		1 74[illegible]	
	26-Jan-11**		[illegible]		[illegible]		2 [illegible]		NS	
Acrylonitrile	8-Feb-08	[illegible]	1 080	U	1 080	U	1 080	U	1 080	U
	27-Mar-08		1 080	U	1 080	U	1 080	U	1 080	U
	25-Apr-08		1 080	U	1 080	U	1 080	U	1 080	U
	29-May-08		1 080	U	1 080	U	1 080	U	1 080	U
	27-Jun-08		1 080	U	1 080	U	1 080	U	1 080	U
	31-Jul-08		1 080	U	1 080	U	1 080	U	1 080	U
	28-Aug-08		1 080	U	1 080		1 080	U	1 080	U
	30-Sep-08		2 200	U	2 200		2 200	U	[illegible] 200	U
	27-Oct-08		2 200	U	2 200	U	2 200	U	[illegible] 200	U
	25-Nov-08		2 200	U	2 200	U	2 200	U	2 200	U
	18-Dec-08		2 200	U	2 200	U	2 200	U	2 200	U
	21-Jan-09		[illegible] 200	U	2 200	U	2 200	U	2 200	U
	25-Feb-09		[illegible] 200	U	2 200	U	2 200	U	NS	
	26-Mar-09		1 080	U	1 080	U	1 080	U	1 080	U
	29-Apr-09		1 080	U	1 080	U	2 140	U	1 080	U
	22-Jul-09		1 080	U	1 080	U	1 080	U	1 080	U
	9-Oct-09		1 080	U	1 080	U	1 080	U	1 080	U
	15-Jan-10		1 080	U	1 080	U	1 080	U	1 080	U
	21-Apr-10		1 080	U	1 080	U	1 080	U	1 080	U
	16-Jul-10		1 080	U	1 080		1 080	U	1 080	U
	15-Oct-10		[illegible] 080		0 108	U	1 080	U	1 0[illegible]	U
	30-Nov-10		NS		1 080	U	1 080	U	NS	
	26-Jan-11		1 850		1 840	U	[illegible]	U	[illegible] 185	
	26-Jan-11**		[illegible]						NS	
1,1-Dichloroethane	8-Feb-08	[illegible]	0 080		0 080		0 080		0 080	U
	27-Mar-08		0 079	U	0 079	U	0 079	U	0 079	U
	25-Apr-08		0 079	U	0 079	U	0 079	U	0 079	U
	29-May-08		0 080	U	0 080	U	0 080	U	0 080	U
	27-Jun-08		0 079	U	0 080	U	0 080	U	0 080	U
	31-Jul-08		0 079	U	0 079	U	0 079	U	0 079	U
	28-Aug-08		0 079	U	[illegible] 079	U	[illegible] 079	U	0 079	U
	30-Sep-08		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
	25-Nov-08		2 000	U	[illegible] 000	U	2 000	U	2 000	U
	18-Dec-08		2 000	U	[illegible] 000	U	2 00[illegible]	U	2 000	U
	21-Jan-09		2 000	U	2 000	U	2 000	U	2 000	
	25-Feb-09		2 000	U	2 000	U	2 000	U	NS	
	26-Mar-09		0 079	U	0 079	U	0 079	U	0 0[illegible]	U
	29-Apr-09		0 079	U	0 079	U	0 079	U	0 079	
	22-Jul-09		0 079	U	0 079	U	0 079	U	[illegible] 079	U
	9-Oct-09		0 079	U	0 079	U	0 079	U	[illegible] 079	U
	15-Jan-10		[illegible] 079	U	0 079	U	0 079	U	0 079	
	21-Apr-10		[illegible] 079	U	0 079	U	[illegible] 079	U	0 079	U
	16-Jul-10		0 079	U	0 079	U	[illegible] 079	U	0 079	
	15-Oct-10		[illegible]	U	0 079	U	0 079	U	[illegible] 0[illegible]	
	30-Nov-10		NS		0 079	U	0 079	U	NS	
	26-Jan-11		[illegible] 13[illegible]	U	0 13[illegible]		0 135	U	0 1[illegible]	
	26-Jan-11**		[illegible]		0 200		[illegible] 200	U	NS	

Volatile Organic Compounds via TO-15	Sample Date	Room 118	Qual	Room 113	Qual	Media Center (Rm 1[illegible])	Qual	Room 1[illegible]	Qual	Room 1[illegible]	Qual	Room 2[illegible]	Qual	Ambient Outdoor	Qual
Acetone	8-Feb-08	6 8[illegible]		6 000		4 [illegible]		4 180						4 [illegible]	
	27-Mar-08	24 7[illegible]		41 300		[illegible]		41 40[illegible]						[illegible]	
	25-Apr-08	14 8[illegible]		18 400		12 50[illegible]		[illegible]						[illegible]	
	29-May-08	10 90[illegible]		17 200		13 20[illegible]		[illegible] 600						[illegible]	
	27-Jun-08	28 90[illegible]		29 000		39 00[illegible]		[illegible] 800						19 70[illegible]	
	31-Jul-08	23 800		20 000		18 80[illegible]		23 500						20 00[illegible]	
	28-Aug-08	27 000		32 400		29 100		23 800						[illegible]	
	30-Sep-08	44 800		[illegible] 800		19 600		55 800						6 800	
	27-Oct-08	45 800		[illegible] 500		14 300		25 100						[illegible]	
	25-Nov-08	15 800		[illegible] 700		6 500		[illegible] 000						7 00[illegible]	
	18-Dec-08	23 10[illegible]		41 900		[illegible]		[illegible]						40 0[illegible]	
	21-Jan-09	5 600		6 000		[illegible] 300		4 000						2 40[illegible]	
	25-Feb-09	9 800		5 000		[illegible] 800		[illegible] 100						2 4[illegible]	
	26-Mar-09	13 800		12 000		[illegible]		[illegible]						[illegible]	
	29-Apr-09	19 200		9 470		[illegible] 570		[illegible] 510						7 700	
	22-Jul-09	28 800		[illegible] 400		17 100		18 400						11 0[illegible]	
	9-Oct-09	15 500		12 0[illegible]		10 800		11 600						8 570	
	15-Jan-10	7 320		7 270		5 2[illegible]		8 110						[illegible] 190	
	21-Apr-10	19 300		19 900		21 800		[illegible] 500						4 9[illegible]	
	16-Jul-10	[illegible] 900		24 9[illegible]		40 70[illegible]		18 0[illegible]						[illegible] 300	
	15-Oct-10	7 3[illegible]		6 010		5 530		[illegible] 680						[illegible]	
	30-Nov-10	NS		NS		8 490		NS						NS	
	26-Jan-11	[illegible]		13 21[illegible]		12 8[illegible]		24 0[illegible]		[illegible]		[illegible]		[illegible]	
	26-Jan-11**	[illegible]		[illegible]		[illegible] 000		NS						[illegible]	
Trichlorofluoromethane	8-Feb-08	2 960		1 050		1 3[illegible]		[illegible]						1 0[illegible]	
	27-Mar-08	2 320		2 120		[illegible] 140		1 210						[illegible]	
	25-Apr-08	1 480		[illegible]		1 6[illegible]		1 500						[illegible] 030	
	29-May-08	0 930		[illegible]		[illegible]		0 910						[illegible]	
	27-Jun-08	1 180		1 150		1 170		1 190						1 1[illegible]	
	31-Jul-08	1 010		1 010		1 000		[illegible] 973						[illegible]	
	28-Aug-08	[illegible]		1 420		1 380		[illegible] 880						2 1[illegible]	
	30-Sep-08	2 800	U	2 800		2 800	U	[illegible]						2 8[illegible]	U
	27-Oct-08	2 800	U	2 800		2 800	U	2 4[illegible]						2 8[illegible]	
	25-Nov-08	2 800	U	2 80[illegible]		2 800	U	2 800						2 800	U
	18-Dec-08	2 800	U	2 8[illegible]	U	[illegible] 800	U	2 800						2 800	
	21-Jan-09	2 800	U	2 800	U	2 800	U	2 800						[illegible] 800	U
	25-Feb-09	2 800	U	2 800		[illegible] 800		2 800						[illegible]	
	26-Mar-09	1 230		1 180		[illegible] 120		1 1[illegible]						1 1[illegible]	
	29-Apr-09	1 180		1 180		[illegible] 270		1 290						1 190	
	22-Jul-09	1 630		2 090		[illegible] 540		1 800						[illegible] 120	
	9-Oct-09	1 620		1 310		1 410		1 430						1 18[illegible]	
	15-Jan-10	1 210		1 290		1 220		1 270						1 24[illegible]	
	21-Apr-10	1 500		1 400		2 5[illegible]		1 19[illegible]						1 280	
	16-Jul-10	2 190		1 470		1 47[illegible]		1 47[illegible]						1 580	
	15-Oct-10	1 3[illegible]		1 3[illegible]		1 320		[illegible]						[illegible]	
	30-Nov-10	NS		NS		1 340		NS						NS	
	26-Jan-11	1 6[illegible]		1 990		1 630		[illegible] 850		1 490		1 9[illegible]		[illegible]	
	26-Jan-11**	[illegible]		[illegible]		2 1[illegible]		[illegible]						NS	
Acrylonitrile	8-Feb-08	1 080	U	1 080	U	1 080	U	1 080	U					1 080	U
	27-Mar-08	1 080	U	1 080	U	1 080	U	1 080	U					1 080	U
	25-Apr-08	1 080	U	1 080	U	1 080	U	1 080	U					1 080	
	29-May-08	1 080	U	1 080	U	1 080	U	1 080						1 080	U
	27-Jun-08	1 080	U	[illegible] 080		1 080	U	1 080						1 080	U
	31-Jul-08	1 080	U	[illegible] 080	U	1 080	U	[illegible] 080						[illegible] 080	U
	28-Aug-08	1 080	U	[illegible] 080	U	1 080	U	[illegible] 080						[illegible] 080	U
	30-Sep-08	2 200	U	2 20[illegible]		[illegible] 200	U	[illegible] 200						2 200	U
	27-Oct-08	2 200	U	2 20[illegible]		2 200		[illegible] 200						2 200	U
	25-Nov-08	2 200	U	2 200	U	2 200		2 200						2 200	
	18-Dec-08	2 200	U	2 200	U	2 200	U	2 200						2 20[illegible]	U
	21-Jan-09	2 200	U	2 200	U	2 200	U	2 200						2 200	U
	25-Feb-09	2 200	U	2 200	U	2 200		2 20[illegible]						2 200	U
	26-Mar-09	1 080	U	1 080	U	1 080		1 080						1 080	U
	29-Apr-09	1 080	U	1 080	U	1 080	U	1 080						1 080	U
	22-Jul-09	[illegible] 080	U	1 080	U	1 080	U	1 080						1 080	
	9-Oct-09	1 080	U	1 080	U	1 080		1 080						1 08[illegible]	U
	15-Jan-10	1 080	U	1 080	U	[illegible] 080	U	1 080						1 08[illegible]	
	21-Apr-10	1 080	U	1 080	U	1 080		1 080						1 080	
	16-Jul-10	1 080	U	1 080	U	1 080		1 080						1 08[illegible]	
	15-Oct-10	1 0[illegible]	U	1 080		1 080		1 080						1 0[illegible]	
	30-Nov-10	NS		NS		1 080		NS						NS	
	26-Jan-11	1 850	U	1 840	U	[illegible]		1 [illegible]	U	[illegible]		[illegible]	U	1 840	U
	26-Jan-11**	[illegible]		NS				[illegible]						[illegible]	
1,1-Dichloroethane	8-Feb-08	0 080		0 080		[illegible] 080		0 080						0 080	
	27-Mar-08	0 079	U	0 07[illegible]	U	0 079	U	0 079	U					0 079	U
	25-Apr-08	0 079	U	0 07[illegible]	U	0 079		0 079						0 079	U
	29-May-08	0 080	U	0 080	U	0 080	U	0 080	U					0 080	U
	27-Jun-08	0 080	U	0 080	U	0 080	U	0 080	U					0 080	
	31-Jul-08	0 079	U	0 079	U	[illegible] 079		0 079	U					0 079	
	28-Aug-08	0 079	U	0 079		0 079		0 079	U					[illegible] 079	
	30-Sep-08	2 000	U	2 000	U	2 000	U	2 000	U					2 00[illegible]	
	27-Oct-08	2 000	U	2 000		2 000	U	[illegible] 000	U					2 000	
	25-Nov-08	2 000	U	2 000		2 000		2 000						2 000	U
	18-Dec-08	2 000	U	2 000		2 000		2 000						2 000	
	21-Jan-09	2 000	U	2 000		[illegible] 000	U	2 000						2 000	
	25-Feb-09	2 000	U	2 000		2 000	U	2 000						2 000	
	26-Mar-09	0 079	U	[illegible] 079		[illegible] 079		0 079						[illegible] 079	
	29-Apr-09	0 079	U	[illegible] 079		[illegible] 079		0 079						[illegible] 079	
	22-Jul-09	0 079	U	0 111		0 079		0 079	U					[illegible] 079	
	9-Oct-09	0 079	U	0 079		0 079		0 079						0 079	
	15-Jan-10	0 079	U	[illegible] 079	U	0 079		0 079						[illegible] 079	
	21-Apr-10	0 079	U	[illegible] 079	U	[illegible] 079		0 079						[illegible] 079	
	16-Jul-10	0 079	U	[illegible] 079	U	[illegible] 079		0 079	U					0 079	U
	15-Oct-10	0 0[illegible]	U	[illegible]		0 079		[illegible]						[illegible] 07[illegible]	
	30-Nov-10	NS		NS		0 07[illegible]	U	NS						NS	
	26-Jan-11	[illegible] 13[illegible]	U	[illegible] 134		0 1[illegible]		[illegible]		[illegible]	U	[illegible]		[illegible] 17[illegible]	
	26-Jan-11**	[illegible]		[illegible]		[illegible] 20[illegible]		[illegible]						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approved Action Level	Kitchen Storage	Q	Cafeteria	Q	Gymnasium	Q	Elevator Hallway	Q	Room 118	Q	Room 11[illegible]	Q	[illegible] (Rm 14[illegible])	Q	Room 152	Q	Room 1[illegible]	Q	Room [illegible]4	Q	Ambient Outdoor	Q
Methylene chloride	8-Feb-08	[illegible]	1.740		1.740		1.740		1.740		1.740		1.740		1.740		[illegible]						1.740	
	27-Mar-08		1.740		1.740		1.740		1.740		1.740		1.740		1.740		[illegible]						1.740	
	25-Apr-08		1.740		1.740		1.740		1.740		1.740		1.740		1.740		[illegible]						[illegible]	
	29-May-08		1.740	U	1.740	U	1.740	U	1.740		1.740		1.740		1.740		[illegible]						1.740	
	27-Jun-08		1.740	U	1.740		1.740	U	2.270		1.740		4.940		1.740	U	[illegible]						19.0[illegible]	
	31-Jul-08		1.740	U	1.740		1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	[illegible]						1.740	
	28-Aug-08		1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U					1.740	
	30-Sep-08		1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700		1.700	U					1.700	U
	27-Oct-08		1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700		1.700						1.700	U
	25-Nov-08		1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700		1.700						1.700	
	18-Dec-08		1.700	U	1.700	U	1.700	U	1.700	U	1.700		1.700	U	1.700	U	1.700	U					1.700	
	21-Jan-09		1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700		1.700	U					1.700	
	25-Feb-09		1.700	U	1.700		1.700		NS		1.700		1.700		1.700		1.700	U					1.700	
	26-Mar-09		2.540		1.870		4.010		2.900		1.850		3.230		4.0[illegible]		1.890						11.800	
	29-Apr-09		1.740	U	1.740		1.740	U	1.740	U	1.740	U	0.147	U	1.740	U	1.740	U					1.740	U
	22-Jul-09		1.740	U	1.740		1.740	U	1.740	U	1.740	U	1.740	U	1.740		1.740	U					1.740	U
	8-Oct-09		1.740	U	1.740		1.740		1.740		1.740	U	1.740	U	1.740		1.740	U					1.740	
	15-Jan-10		1.740		1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U					1.740	
	21-Apr-10		5.410		1.740	U	1.740	U	1.740	U	1.740		1.740	U	1.740		1.740						1.740	
	16-Jul-10		18.400		23.300		18.800		13.800		19.900		48.200		45.700		[illegible]200						[illegible]800	
	15-Oct-10		3.470		4.440		4.510		3.470	U	[illegible]470	U	[illegible]		5.840		[illegible]470						[illegible]	U
	30-Nov-10		NS		[illegible]570		11.800		NS		NS		NS		5.7[illegible]		NS						NS	
	25-Jan-11		4.510		2.850		2.890	U	2.900	U	2.9[illegible]		2.9[illegible]		5.290		2.[illegible]		4.[illegible]		[illegible]50		2.9[illegible]	
	26-Jan-11		NS		2.700		[illegible]700		NS		NS		NS		[illegible]		[illegible]						[illegible]	
1,1,2-Trichloroethane	8-Feb-08	[illegible]	0.080		0.080		0.080		0.080	U	0.080	U	0.080	U	0.080	U	0.080						[illegible]	
	27-Mar-08		0.07[illegible]	U	0.079		0.079	U	0.0[illegible]	U	0.079	U	0.079	U	0.0[illegible]		0.079						[illegible]	U
	25-Apr-08		[illegible]079	U	0.079		0.079	U	0.07[illegible]	U	0.079	U	0.079	U	[illegible]		0.079	U					0.0[illegible]	
	29-May-08		[illegible]080	U	0.080		0.080		0.080	U	0.080	U	0.080		[illegible]080	U	0.080	U					0.080	
	27-Jun-08		0.080	U	0.080		0.080		0.080	U	0.080	U	0.079		[illegible]080	U	0.080						0.079	U
	31-Jul-08		0.079	U	0.078		0.079		0.079	U	0.079	U	0.079	U	[illegible]	U	0.079						0.079	
	28-Aug-08		0.079		0.079		0.079		0.079	U	0.079	U	0.079	U	0.07[illegible]	U	0.079						[illegible]079	
	30-Sep-08		2.000		2.000		2.000		2.000	U	2.000	U	2.00[illegible]		2.000	U	2.00[illegible]	U					2.000	
	27-Oct-08		2.000	U	2.00[illegible]		2.000		2.000		2.000	U	2.00[illegible]		2.0[illegible]	U	2.00[illegible]	U					2.0[illegible]	
	25-Nov-08		2.000	U	2.000		2.000		2.000	U	2.00[illegible]	U	2.00[illegible]		2.[illegible]		2.00[illegible]						[illegible]	U
	18-Dec-08		2.000		2.000		2.000	U	2.000	U	[illegible]00	U	2.[illegible]		2.000	U	[illegible]00						[illegible]000	
	21-Jan-09		2.000	U	2.000		2.000		2.000	U	2.000		2.000		2.000		2.000						2.00[illegible]	U
	25-Feb-09		2.000	U	2.000		2.000		NS		2.000	U	2.00[illegible]		2.000		2.000						2.0[illegible]	U
	26-Mar-09		0.07[illegible]	U	0.079		0.079	U	0.07[illegible]	U	0.079	U	0.07[illegible]		0.079	U	0.079						[illegible]	U
	29-Apr-09		0.0[illegible]		0.078		0.081	U	0.079	U	0.079	U	0.079		0.079	U	[illegible]079						[illegible]079	U
	22-Jul-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079	U	[illegible]079						[illegible]079	U
	8-Oct-09		0.079	U	0.01[illegible]		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079						0.079	U
	15-Jan-10		0.079	U	0.079		0.079	U	0.079	U	0.079	U	0.079		0.079	U	0.079						[illegible]079	U
	21-Apr-10		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079	U	0.079						[illegible]079	U
	16-Jul-10		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079						0.079	U
	15-Oct-10		0.079	U	0.079	U	0.079	U	0.07[illegible]	U	0.07[illegible]		[illegible]		0.079	U	[illegible]07[illegible]						[illegible]07[illegible]	
	30-Nov-10		NS		0.079	U	0.079	U	NS		NS		NS		0.079	U	NS						NS	
	25-Jan-11		0.135		0.135		0.135	U	0.135	U	[illegible]13[illegible]		[illegible]134	U	0.135	U	[illegible]13[illegible]		[illegible]		[illegible]		[illegible]13[illegible]	
	26-Jan-11		NS		[illegible]200	U	[illegible]	U	NS		[illegible]		NS		0.20[illegible]	U	[illegible]						[illegible]	
1,1-Dichloroethane	8-Feb-08	[illegible]	0.080	U	0.080		0.080		0.080	U	0.080		0.080		0.080	U	0.080						0.080	
	27-Mar-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081		0.081	U	0.081	U					0.081	
	25-Apr-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081						0.081	
	29-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.08[illegible]	U	0.080	U	0.080	U	0.080	U					0.080	
	27-Jun-08		0.080	U	0.080	U	0.080	U	0.080	U	0.08[illegible]	U	0.080	U	0.080	U	0.080	U					[illegible]08[illegible]	U
	31-Jul-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081		0.081						[illegible]081	U
	28-Aug-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081		0.081	U					[illegible]081	U
	30-Sep-08		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000		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	2.00[illegible]	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		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		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		2.000	U					2.000	U
	25-Feb-09		2.000	U	2.000	U	2.00[illegible]	U	NS		2.000	U	2.000	U	2.000	U	2.000	U					2.000	U
	26-Mar-09		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	29-Apr-09		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	22-Jul-09		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	9-Oct-09		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	15-Jan-10		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	21-Apr-10		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	16-Jul-10		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	15-Oct-10		[illegible]081	U	0.081	U	0.081	U	0.081	U	0.081	U	[illegible]081	U	0.081	U	0.0[illegible]						[illegible]081	U
	30-Nov-10		NS		0.081	U	0.081	U	NS		NS		NS		0.081	U	NS						NS	
	25-Jan-11		0.13[illegible]	U	0.138	U	0.138	U	0.13[illegible]	U	0.13[illegible]	U	[illegible]	U	0.138	U	[illegible]13[illegible]		[illegible]	U	[illegible]	U	[illegible]	
	26-Jan-11		NS		[illegible]200	U	[illegible]20[illegible]	U	NS		NS		NS		0.200	U	NS						NS	
Methyl tert butyl ether (MTBE)	8-Feb-08	[illegible]0	0.070		0.070		0.070		0.070	U	0.070	U	0.070		0.070	U	0.070						[illegible]	U
	27-Mar-08		0.07[illegible]		0.102		0.102		0.081		0.085		0.08[illegible]		0.102		0.080						0.072	U
	25-Apr-08		0.118		0.118		0.107		0.127		0.1[illegible]		0.121		0.131		0.111						0.072	
	29-May-08		0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U					0.070	U
	27-Jun-08		0.072	U	0.070	U	[illegible]070	U	0.074		0.070	U	0.070	U	0.070	U	0.070						0.072	
	31-Jul-08		0.072	U	0.072	U	0.072		0.072	U	0.072	U	0.072		0.072		0.072						[illegible]072	
	28-Aug-08		0.085		0.130		0.123		0.123		0.081		0.108		0.115		[illegible]						0.084	
	30-Sep-08		1.800	U	1.800	U	1.800	U	1.800	U	1.800		1.800	U	1.800	U	1.800	U					[illegible]	
	27-Oct-08		1.800		1.800	U	1.800	U	1.800	U	2.800		1.800		1.800	U	1.800	U					[illegible]	
	25-Nov-08		2.900		1.800	U	1.800	U	1.800	U	2.800		1.800	U	1.800		1.800	U					1.8[illegible]	U
	18-Dec-08		1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800		1.800	U					1.80[illegible]	
	21-Jan-09		1.800	U	1.800		1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U					1.800	
	25-Feb-09		1.800	U	[illegible]700		1.800	U	NS		1.800	U	[illegible]700		1.800		1.800	U					1.800	U
	26-Mar-09		0.072	U	0.072	U	0.072	U	0.072		0.072	U	0.072	U	0.072		0.072	U					[illegible]072	U
	29-Apr-09		0.072	U	0.072	U	2.350		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					[illegible]072	
	22-Jul-09		0.072	U	0.072	U	0.223		0.072	U	0.072		0.072	U	0.072	U	0.072	U					0.189	
	8-Oct-09		0.072	U	0.072	U	0.072	U	0.072	U	0.072		0.072	U	0.072		0.072	U					[illegible]072	U
	15-Jan-10		0.072	U	0.072	U	0.072	U	0.072	U	0.072		0.072	U	0.072		0.072	U					[illegible]072	
	21-Apr-10		0.072	U	0.072	U	[illegible]072	U	0.072	U	0.072	U	0.072	U	0.072		0.072	U					0.072	
	16-Jul-10		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072		0.072	U					[illegible]072	
	15-Oct-10		[illegible]07[illegible]		0.072	U	0.072	U	[illegible]072	U	0.072	U	[illegible]072		0.072	U	[illegible]072						[illegible]072	
	30-Nov-10		NS		0.072	U	0.072	U	NS		NS		NS		0.072	U	NS						NS	
	25-Jan-11		[illegible]1[illegible]		0.122		0.123	U	[illegible]12[illegible]	U	0.123	U	0.122		0.122		[illegible]1[illegible]	U	[illegible]122		[illegible]123		[illegible]1[illegible]	
	26-Jan-11		NS		[illegible]15[illegible]		[illegible]15[illegible]	U	NS		NS		NS		[illegible]		NS						NS	

Date Modified 3/10/2011

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

Volatile Organic Compounds via TO-15	Sample Date	[illegible] Proposed Indoor Residential Target Air Concentrations/Interim [illegible] Approved Action Level	Kitchen Storage [illegible]	Q	Cafeteria	Q	Gymnasium	Q	Elevator Hallway	Q	Room 118	Q	Room 110	Q	Mechanical Room [illegible]	Q	Room 1[illegible]	Q	Room 1[illegible]	Q	Room 1[illegible]	Q	Ambient Outdoor	Q
[illegible]	8-Feb-08	[illegible]	1.470		[illegible]		1.470		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	[illegible]-Mar-08		[illegible]		[illegible]		[illegible]		5.140		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	25-Apr-08		2.140		1.470		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	29-May-08		1.470	U	1.470		2.840		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Jun-08		1.850		2.520		3.810		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	[illegible]-Jul-08		2.080		1.120		3.080		1.850		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	[illegible]-Sep-08		2.280		1.790		3.980		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	30-Sep-08		1.500		1.500		1.500	U	1.500	U	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Oct-08		1.900		1.200		1.500	U	1.600		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	25-Nov-08		2.600		1.500		1.500		1.900		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	18-Dec-08		1.500		1.500	U	1.500	U	1.500	U	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	21-Jan-09		1.500	U	1.500	U	1.500	U	1.500	U	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	25-Feb-09		1.500		1.500		0.079	U	NS		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	26-Mar-09		1.410		1.580		1.470	U	1.470	U	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	29-Apr-09		1.470		1.470	U	1.470	U	1.480	U	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	22-Jul-09		1.470	U	1.470		4.790		1.470	U	[illegible]		21.800		[illegible]		[illegible]						[illegible]	
	[illegible]-Oct-09		1.470		1.470		1.540		1.640		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	15-Jan-10		1.410		1.470	U	1.470		1.470		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	21-Apr-10		1.850		1.410		2.770		1.500		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	16-Jul-10		2.520		1.900		2.100		2.210		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	15-Oct-10		[illegible]		1.470		1.470	U	1.470	U	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	30-Nov-10		NS		1.470		1.470	U	NS		NS		[illegible]		[illegible]		NS						NS	
	28-Jan-11		[illegible]		1.180		2.510	U	[illegible]	U	[illegible]		[illegible]		2.640		[illegible]		[illegible]		[illegible]		[illegible]	
	28-Jan-11		[illegible]		2.300		[illegible]		NS		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
[illegible]	8-Feb-08	[illegible]	0.080		[illegible]		[illegible]		[illegible]	U	0.080		[illegible]		[illegible]		[illegible]						[illegible]	
	[illegible]-Mar-08		0.080		0.080		0.080	U	0.080	U	0.080	U	0.080	U	0.080		0.080	U					0.080	U
	15-Apr-08		0.080	U	0.080		0.080	U	0.100		0.080	U	0.080	U	0.080		0.080						0.080	U
	29-May-08		[illegible]	U	0.080	U	0.080	U	0.080	J	0.080	U	0.080	U	0.080		0.080						0.080	
	[illegible]-Jun-08		[illegible]		[illegible]		0.080	U	0.080	J	0.080	U	0.080	U	0.080		0.080						0.079	
	31-Jul-08		0.079	U	0.079		0.079	U	0.079		0.079	U	0.079		0.079		0.079						0.079	
	28-Aug-08		0.079		0.079		0.079		0.079	U	0.079	U	0.079		[illegible]		0.079						[illegible]	
	03-Sep-08		5.900		5.900		5.900		5.900	U	5.900	U	[illegible]		[illegible]		5.900						[illegible]	
	27-Oct-08		2.000	U	2.000		2.000		2.000	U	2.000	U	2.000		2.000		2.000						2.000	U
	25-Nov-08		2.000	U	2.000	U	2.000		2.000	U	2.000	U	2.000	U	2.000		2.000						2.000	U
	18-Dec-08		2.000	U	2.000		2.000	U	2.000	U	2.000	U	2.000	U	2.000		2.000						2.000	U
	21-Jan-09		2.000	U	2.000		2.000		[illegible]	U	2.000	U	2.000		2.000		2.000	U					2.000	U
	25-Feb-09		2.000	U	[illegible]		2.000		NS		2.000	U	2.000		[illegible]		2.000	U					2.000	
	26-Mar-09		0.079	U	0.079		0.079	U	[illegible]	U	0.079		0.079	U	0.079		0.079						0.079	U
	29-Apr-09		0.079	U	0.079		0.079	U	0.079	U	0.079	U	0.079		0.079		0.079						0.079	U
	22-Jul-09		0.079	U	0.079		0.079	U	0.079	U	0.079		[illegible]		0.079		0.079	U					0.079	U
	9-Oct-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079						0.079	U
	15-Jan-10		0.079	U	0.079		0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079						0.079	U
	21-Apr-10		0.079	U	0.080		0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079						0.079	U
	16-Jul-10		0.079		0.079		0.079	U	0.079	U	0.079	U	0.079	U	0.079		0.079						0.079	U
	15-Oct-10		[illegible]		0.079	U	0.079	U	[illegible]		[illegible]	U	[illegible]		0.079		[illegible]						[illegible]	
	30-Nov-10		NS		0.079	U	0.079								0.079									
	28-Jan-11		[illegible]		0.138		0.135	U	[illegible]		[illegible]		[illegible]		0.138		[illegible]		[illegible]		[illegible]		[illegible]	U
	28-Jan-11		[illegible]		0.200		0.200								[illegible]									
[illegible]	8-Feb-08	[illegible]	0.110		0.110		0.100		0.100	U	0.100		0.100	U	[illegible]		0.100						0.100	
	[illegible]-Mar-08		0.840		[illegible]		[illegible]		0.523		0.410		[illegible]		0.805		[illegible]						[illegible]	
	25-Apr-08		[illegible]		0.210		[illegible]		0.122		0.125		0.114		[illegible]		0.110						[illegible]	
	29-May-08		0.110		[illegible]		[illegible]		0.110		0.100		0.100		0.100		0.100	U					0.100	
	[illegible]-Jun-08		[illegible]		[illegible]		0.202		0.207		[illegible]		[illegible]		0.245		[illegible]						[illegible]	
	31-Jul-08		[illegible]		0.151		[illegible]		0.194		0.204		[illegible]		[illegible]		[illegible]						[illegible]	
	28-Aug-08		0.342		0.373		[illegible]		0.312		[illegible]		[illegible]		[illegible]		0.271						[illegible]	
	30-Sep-08		0.480		0.480		0.480		0.480	U	0.480		0.480		0.480		0.480	U					0.480	
	27-Oct-08		0.480	U	0.480	U	0.480		0.480	U	0.480		0.480		0.480		0.480	U					0.480	
	25-Nov-08		0.240	U	0.240	U	0.240		0.240	U	0.240		0.240	U	0.240		0.240	U					0.240	
	18-Dec-08		0.240	U	0.240	U	0.240		0.240		0.240		0.240	U	0.240		0.240	U					0.240	
	21-Jan-09		0.240	U	0.240	U	0.240		0.240		0.240		0.240	U	0.240		0.240	U					0.240	U
	25-Feb-09		0.240	U	0.240		0.240		NS		0.240		0.240	U	0.240		0.240						0.240	U
	26-Mar-09		[illegible]		0.142		0.110		0.115		0.133		0.119		[illegible]		[illegible]						[illegible]	
	29-Apr-09		0.180		0.122		[illegible]		0.102		0.102		[illegible]		0.148		[illegible]						[illegible]	
	22-Jul-09		0.229		0.151		[illegible]		0.141		0.205		[illegible]		0.146		0.171						[illegible]	
	9-Oct-09		[illegible]		0.080		0.263		0.302		0.283		0.307		0.322		0.302						0.171	
	15-Jan-10		0.521		0.473		0.122		0.132		0.112		0.117		[illegible]		0.180						[illegible]	
	21-Apr-10		0.158		0.780		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		0.224						[illegible]	
	16-Jul-10		0.317		0.249		0.141		0.141		0.190		[illegible]		0.256		[illegible]						0.132	
	15-Oct-10		[illegible]		0.105		[illegible]		0.102		[illegible]		[illegible]		0.107		[illegible]						[illegible]	
	30-Nov-10		NS		[illegible]		0.112		NS		NS		NS		[illegible]		NS						NS	
	28-Jan-11		0.380		0.340		0.148	U	0.241		[illegible]		[illegible]		0.148		[illegible]		[illegible]	U	[illegible]		[illegible]	
	28-Jan-11		[illegible]		[illegible]		0.240	U	NS		NS		[illegible]		0.240		[illegible]						NS	
[illegible]	8-Feb-08	[illegible]	0.080		0.080		0.080		0.080		0.080		[illegible]	U	[illegible]		0.080						0.080	
	27-Mar-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	[illegible]-Apr-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	29-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U					0.080	U
	27-Jun-08		0.080	U	0.081	U	0.080	U	0.084		0.080	U	0.080	U	0.178		0.080	U					0.081	U
	31-Jul-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U
	28-Aug-08		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	[illegible]	U					0.081	U
	03-Sep-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	[illegible]	U					0.080	U
	27-Oct-08		0.080	U	[illegible]		[illegible]	U	0.080	U	0.080	U	0.080	U	0.080	U	[illegible]	U					[illegible]	U
	25-Nov-08		0.080	U	[illegible]		[illegible]	U	0.080	U	0.080	U	[illegible]	U	0.080	U	[illegible]						[illegible]	
	18-Dec-08		0.080	U	0.080	U	[illegible]	U	0.080	U	0.080	U	[illegible]	U	0.080	U	[illegible]						[illegible]	
	21-Jan-09		0.080	U	0.080	U	[illegible]	U	0.080	U	0.080	U	[illegible]	U	0.080	U	[illegible]	U					[illegible]	
	25-Feb-09		0.080	U	0.080	U	[illegible]	U	NS		0.080	U	[illegible]	U	0.080	U	[illegible]						[illegible]	
	26-Mar-09		0.102		0.084		[illegible]		[illegible]		0.081		[illegible]		0.081		[illegible]						[illegible]	U
	29-Apr-09		0.081	U	0.081		0.081		[illegible]		0.080		[illegible]		0.081		[illegible]						[illegible]	
	22-Jul-09		0.081	U	0.081	U	0.081		[illegible]		0.081	U	[illegible]		0.081		[illegible]						0.081	
	9-Oct-09		0.081	U	0.081	U	[illegible]	U	[illegible]		0.081	U	[illegible]		0.081		[illegible]						0.081	
	15-Jan-10		0.081	U	0.081	U	[illegible]	U	0.081	U	0.081	U	[illegible]	U	0.081		[illegible]						[illegible]	
	21-Apr-10		0.081	U	0.081	U	[illegible]	U	[illegible]	U	0.081	U	[illegible]		0.081	U	[illegible]						[illegible]	
	16-Jul-10		0.081		0.081		[illegible]	U	[illegible]		0.081	U	[illegible]		0.081		[illegible]						[illegible]	U
	15-Oct-10		[illegible]		0.081		0.081	U	[illegible]		[illegible]		[illegible]		0.081		[illegible]						[illegible]	
	30-Nov-10		NS		0.081		0.081	U	NS		NS		NS		0.081		NS						NS	
	28-Jan-11		[illegible]	U	0.138	U	0.138	U	[illegible]		[illegible]		1.137		0.138	U	[illegible]		[illegible]		[illegible]		[illegible]	
	28-Jan-11		[illegible]		[illegible]		0.200	U	[illegible]		[illegible]		NS		[illegible]		[illegible]						[illegible]	

Date Modified 3/10/2011

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

Volatile Organic Compounds via TO-15	Sample Date	CT Final Proposed Indoor Residential Target Air Concentrations/Ambient RCE M App [illegible] Action Level	Kitchen Storage [illegible]	[illegible]	Cafeteria	[illegible]	Gymnasium	[illegible]	Elevator Hallway	[illegible]	Room 118	[illegible]	Room 11[illegible]	[illegible]	Media Ctr Rm [illegible]	[illegible]	Room 152	[illegible]	Room 14[illegible]	[illegible]	Room [illegible]4	[illegible]	Ambient Outdoor	[illegible]
1,1,1-Trichloroethane	8-Feb-08	[illegible]	[illegible]		[illegible]		[illegible]		0.110		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Mar-08		0.109	U	0.109		0.109		0.109		0.109		[illegible]		0.109		0.109						[illegible]	
	25-Apr-08		0.109		0.109		0.109	U	0.109	U	0.109	U	0.109		[illegible]		0.109						0.109	
	29-May-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110		0.110		0.110						0.110	
	27-Jun-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110		0.110		0.110						[illegible]	
	31-Jul-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109		0.109	U	0.109						[illegible]	
	28-Aug-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109						0.109	
	30-Sep-08		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700						2.700	
	27-Oct-08		3.400	U	3.400	U	3.400	U	3.140	U	3.400	U	3.400	U	3.400	U	3.400	U					3.400	
	25-Nov-08		2.700	U	2.700	U	2.700	U	2.700	U	2.700		2.700		2.700	U	2.700	U					2.700	
	18-Dec-08		2.700	U	2.700		2.700	U	2.700	U	2.700		2.700		2.700	U	2.700						2.700	
	21-Jan-09		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700		2.700	U	2.700						2.700	
	25-Feb-09		2.700	U	2.700	U	2.700	U	NS		2.700	U	2.700	U	2.700		2.700	U					2.700	U
	26-Mar-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109		1.080		0.109						0.109	
	29-Apr-09		0.120		0.109		0.109	U	0.109	U	0.109	U	0.153		0.229		0.174						0.272	
	22-Jul-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109						0.109	U
	9-Oct-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109						0.109	U
	15-Jan-10		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109		0.109	U	0.109						0.109	U
	21-Apr-10		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109		0.109	U	0.109						0.109	U
	16-Jul-10		0.109	U	0.109		0.109	U	0.109	U	0.109	U	0.109		0.109	U	0.109						0.109	U
	15-Oct-10		[illegible]	U	0.109	U	1.080	U	0.109	U	[illegible]	U	0.109		0.109	U	[illegible]						0.109	U
	30-Nov-10		NS		0.109	U	0.109	U	NS		NS		NS		0.109		NS						NS	
	26-Jan-11		0.1[illegible]		0.185		0.1[illegible]	U	0.1[illegible]	U	0.180	U	[illegible]		0.1[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
	26-Jan-11**		NS		0.270	U	0.270	U	NS		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
[illegible]	8-Feb-08	[illegible]	0.910		0.840		[illegible]		0.780		0.810		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Mar-08		1.420		1.350		1.600		1.470		1.210		2.130		1.130		[illegible]						[illegible]	
	25-Apr-08		1.380		1.300		0.6[illegible]		1.600		1.150		1.270		1.130		1.120						[illegible]	
	29-May-08		0.370		0.430		0.3[illegible]		0.400		0.300		0.480		0.410		0.310						0.2[illegible]	
	27-Jun-08		0.831		0.803		[illegible]		0.644		0.657		0.604		0.849		[illegible]						[illegible]	
	31-Jul-08		[illegible]		0.477		0.41[illegible]		0.451		0.52[illegible]		[illegible]		0.3[illegible]		[illegible]						[illegible]	
	28-Aug-08		[illegible]		1.190		1.090		0.853		[illegible]		1.080		1.0[illegible]		1.020						1.280	
	30-Sep-08		1.800	U	1.800	U	1.800	U	1.800	U	1.800		1.800	U	1.800	0.294	1.800						1.800	
	27-Oct-08		2.100		1.800		1.600	U	1.600	U	1.600		1.600		1.600		1.800						1.60[illegible]	
	25-Nov-08		1.400		1.800		1.600		1.600	U	1.600		1.600	U	1.60[illegible]		[illegible]	U					1.6[illegible]	
	18-Dec-08		1.600		1.800		1.600		1.800	U	1.600	U	1.800		1.60[illegible]		1.600	U					1.60[illegible]	
	21-Jan-09		1.800	U	1.800		1.800	U	1.800	U	1.800	U	1.800		1.600	U	[illegible]						1.800	
	25-Feb-09		1.800	U	1.800		1.600		NS		1.800	U	1.800	U	1.600		[illegible]	U					1.800	
	26-Mar-09		2.330		1.840		1.140		1.650		1.540		2.210		0.71[illegible]		[illegible]						2.3[illegible]	
	29-Apr-09		0.594		0.358		0.33[illegible]		0.332		0.303		0.958		1.490		[illegible]						0.7[illegible]	
	22-Jul-09		0.62[illegible]		0.548		0.842		0.574		0.852		1.580		1.490		1.080						4.33[illegible]	
	9-Oct-09		1.130		0.854		0.903		0.878		0.819		1.080		1.070		0.9[illegible]						1.100	
	15-Jan-10		1.670		1.510		1.340		1.480		1.420		1.450		1.540		1.550						1.37[illegible]	
	21-Apr-10		1.020		1.320		1.080		1.380		1.27[illegible]		1.210		1.230		1.240						0.3[illegible]	
	16-Jul-10		0.319	U	0.319	U	0.319	U	0.319	U	0.31[illegible]	U	0.319	U	0.485		0.319	U					0.3[illegible]	
	15-Oct-10		0.31[illegible]	U	0.319	U	0.319	U	[illegible]	U	0.31[illegible]	U	0.319		0.319		[illegible]	U					[illegible]	U
	30-Nov-10		NS		0.514		0.584		NS		NS		NS		0.412		NS						NS	
	26-Jan-11		2.820		2.880		2.970		[illegible]		2.940		[illegible]430		2.580		[illegible]980		2.94[illegible]		[illegible]		[illegible]	
	26-Jan-11**		NS		[illegible]800		[illegible]800		NS		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
Carbon tetrachloride	8-Feb-08	[illegible]	0.500		0.480		0.440		0.450		0.490		0.470		0.470		0.470						0.41[illegible]	
	27-Mar-08		0.540		0.541		0.541		0.537		0.580		0.577		0.562		0.56[illegible]						0.56[illegible]	
	25-Apr-08		0.436		0.439		0.405		0.441		0.448		0.436		0.48[illegible]		0.450						0.41[illegible]	
	29-May-08		0.470		0.470		0.450		0.470		0.480		0.480		0.520		0.480						0.480	
	27-Jun-08		0.544		0.535		0.528		0.534		0.528		0.538		0.555		0.541						0.53[illegible]	
	31-Jul-08		0.526		0.532		0.528		0.554		0.554		0.542		0.584		0.551						0.55[illegible]	
	28-Aug-08		0.562		0.54[illegible]		0.551		0.54[illegible]		0.5[illegible]		0.558		0.556		0.572						0.551	
	30-Sep-08		0.480		0.44[illegible]		0.404		0.497		0.461		0.250		0.481		0.531						[illegible]	
	27-Oct-08		0.370		0.510		0.280		0.450		0.280		0.510		0.270		0.480						[illegible]	
	25-Nov-08		0.400		0.400		0.400		0.440		0.420		0.380		0.370		0.470						0.470	
	18-Dec-08		0.360		0.330		0.440		0.410		0.420		0.350		0.340		0.310						0.520	
	21-Jan-09		0.480		0.480		0.570		0.480		0.500		0.480		0.570		0.540						0.620	
	25-Feb-09		0.390		0.190		0.380		NS		4.000		0.40[illegible]		0.41[illegible]		0.470						0.440	
	26-Mar-09		0.5[illegible]		0.592		0.542		0.581		0.584		0.561		0.5[illegible]		0.542						0.604	
	29-Apr-09		0.534		0.522		[illegible]597		0.534		0.520		0.622		0.578		0.559						0.515	
	22-Jul-09		0.597		0.561		[illegible]		0.587		0.565		0.5[illegible]		0.578		0.565						0.581	
	9-Oct-09		0.503		0.5[illegible]		0.471		0.48[illegible]		0.471		0.497		0.4[illegible]		0.484						0.47[illegible]	
	15-Jan-10		0.585		0.603		0.578		0.587		0.585		0.610		0.6[illegible]		0.610						0.53[illegible]	
	21-Apr-10		0.480		0.547		0.558		0.484		0.528	U	0.459		0.530		0.480						0.494	
	16-Jul-10		0.497		0.503		0.484		0.528		0.485		0.547		0.484		0.484						0.541	
	15-Oct-10		[illegible]		0.427		0.508		0.434		0.440		[illegible]		0.453		[illegible]441						[illegible]	
	30-Nov-10		NS		0.478		0.558		NS		NS		NS		0.484		NS						NS	
	26-Jan-11		0.55[illegible]		0.502		0.504		0.567		0.472		[illegible]		0.481		[illegible]568		[illegible]		0.567		[illegible]481	
	26-Jan-11**		NS		0.5[illegible]		0.500		[illegible]		[illegible]		NS		0.500		NS						NS	
1,2-Dichloropropane	8-Feb-08	[illegible]	0.09[illegible]		0.090		0.090		0.090	U	0.090	U	0.090		0.090	U	0.090	U					0.090	
	27-Mar-08		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092		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		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		0.092	U					0.092	U
	28-Aug-08		0.092	U	0.092		0.092	U	0.092	U	0.092	U	0.092	U	0.092		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		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					0.09[illegible]	U
	21-Jan-09		0.090	U	0.090	U	0.090	U	[illegible]090		0.090		0.090	U	[illegible]090		0.090	U					0.090	U
	25-Feb-09		0.090	U	0.090	U	0.090	U	NS		0.090	U	0.090	U	[illegible]090		0.090	U					[illegible]090	U
	26-Mar-09		0.092	U	0.092	U	0.092	U	0.092		0.092		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						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		0.092	U					0.092	U
	9-Oct-09		0.092	U	0.092	U	0.092	U	0.092		0.092		0.092	U	0.092	U	0.092						[illegible]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						[illegible]092	
	21-Apr-10		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092		0.092	U					[illegible]092	
	16-Jul-10		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092		0.092		0.092						0.092	
	15-Oct-10		[illegible]	U	0.092	U	0.092	U	[illegible]092	U	0.09[illegible]	U	[illegible]092		0.092		[illegible]092						[illegible]092	
	30-Nov-10		NS		[illegible]092	U	0.092	U	NS		NS		NS		0.092		NS						NS	
	26-Jan-11		[illegible]		[illegible]157		[illegible]157	U	[illegible]157	U	0.158	U	[illegible]		0.157	U	[illegible]		[illegible]		[illegible]		[illegible]	
	26-Jan-11**		[illegible]		[illegible]230		[illegible]230	U	[illegible]		NS		[illegible]		0.230	U	NS						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	DTSC Proposed Indoor Residential Target Air Concentrations/Interim PEA Approved Action Levels	Kitchen Storage	Q	Cafeteria	Q	Gymnasium	Q	Elevator Hallway	Q	Room 118	Q	Room [illegible]	Q	Media Cen. Rm [illegible]	Q	Room [illegible]	Q	Room 14[illegible]	Q	Room 2[illegible]	Q	Ambient Outdoor	Q
Bromodichloromethane	6-Feb-08	[illegible]	0.130		0.130		0.131		0.130		0.134		0.130		0.130		0.130						0.130	
	27-Mar-08		0.134		0.134		0.134		0.134		0.134		0.134		0.134		0.134						0.134	
	25-Apr-08		0.134		0.134		0.134		0.134	U	0.134		0.134		0.134		0.134						0.134	
	29-May-08		0.130	U	0.130		0.130	U	0.130	U	0.130		0.130	U	0.130		0.130						0.130	
	27-Jun-08		0.134	U	0.134		0.130	U	0.130	U	0.134	U	0.130		0.231		0.134						0.134	
	31-Jul-08		0.134	U	0.134		0.134	U	0.134	U	0.134	U	0.134	U	0.134		0.134						0.134	
	28-Aug-08		0.134	U	0.134		0.134	U	0.134	U	0.134	U	0.134		0.134		0.134						0.134	U
	30-Sep-08		0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130		0.130	U					0.130	U
	27-Oct-08		0.130	U	0.130		0.130	U	0.130	U	0.130		0.130	U	0.130		0.130	U					0.130	U
	25-Nov-08		0.130		0.130		0.130	U	0.130	U	0.130	U	0.130		0.130	U	0.130						0.13[illegible]	U
	18-Dec-08		0.130		0.130		0.130	U	0.130	U	0.130	U	0.130		0.130		0.130						0.13[illegible]	
	21-Jan-09		0.130	U	0.130		0.130		0.130	U	0.130	U	0.130		0.130		0.130						0.130	
	25-Feb-09		0.130	U	0.130	U	0.130		NS		0.130	U	0.130		0.130		0.130						0.130	
	26-Mar-09		0.134	U	0.134		0.134	U	0.134		0.134	U	0.134		0.134	U	0.134						0.134	
	29-Apr-09		0.134	U	0.134		0.134	U	0.134	U	0.134	U	0.134		0.134	U	0.134						0.134	
	22-Jul-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134		0.134		0.134						0.134	
	9-Oct-09		0.134	U	0.134	U	0.134	U	0.134		0.134	U	0.134	U	0.134		0.134						0.134	
	15-Jan-10		0.134	U	0.134	U	0.134	U	0.134		0.134	U	0.134	U	0.134	U	0.134						0.134	
	21-Apr-10		0.134	U	0.134		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134						0.134	U
	18-Jul-10		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134		0.134	U					0.134	U
	15-Oct-10		0.134	U	0.134	U	0.134	U	0.134		0.134		0.134	U	0.134		0.134	U					0.134	
	30-Nov-10		NS		0.134		0.134	U	NS		NS		NS		0.134		NS						NS	
	26-Jan-11		0.2[illegible]		0.22[illegible]		0.228		0.2[illegible]		0.2[illegible]		0.2[illegible]		0.228		0.2[illegible]		0.2[illegible]		0.2[illegible]		0.2[illegible]	
	26-Jan-11		NS		[illegible]		[illegible]		NS		[illegible]		[illegible]		[illegible]		NS						[illegible]	
Chloromethane	6-Feb-08	[illegible]	0.110		0.13[illegible]		0.110		0.107		0.11[illegible]		0.110		1.150		0.110						0.11[illegible]	
	27-Mar-08		0.2[illegible]		0.231		0.218		0.226		0.32[illegible]		0.308		0.217		0.17[illegible]						0.107	U
	25-Apr-08		0.1[illegible]		0.164		0.147		0.272		0.151		0.152		0.15[illegible]		0.2[illegible]						0.107	U
	29-May-08		0.110	U	0.110		0.110	U	0.107	U	0.110		0.110		0.1[illegible]		0.11[illegible]						0.110	
	27-Jun-08		0.110		0.11[illegible]	U	0.11[illegible]		0.[illegible]		0.110	U	0.107		0.143		0.19[illegible]						0.1[illegible]	
	31-Jul-08		0.113		0.107		0.107		0.[illegible]		0.107		0.107		0.107		0.107						0.1[illegible]	
	28-Aug-08		0.1[illegible]		0.1[illegible]		0.107		0.107		0.14[illegible]		0.134		0.110		0.107						0.53[illegible]	
	30-Sep-08		0.800		0.800		0.800		0.800		0.8[illegible]		0.8[illegible]		0.800		0.8[illegible]						0.8[illegible]	
	27-Oct-08		0.800	U	0.800	U	0.80[illegible]		0.800		0.800		0.80[illegible]		0.80[illegible]		0.8[illegible]						0.8[illegible]	
	25-Nov-08		0.540	U	0.54[illegible]		0.54[illegible]		0.540		0.540		0.54[illegible]		0.54[illegible]		0.540						0.54[illegible]	
	18-Dec-08		0.540	U	0.54[illegible]		0.54[illegible]		0.54[illegible]		0.540		0.540		0.540		0.540						0.54[illegible]	
	21-Jan-09		0.540		0.540		0.540	U	0.54[illegible]		0.540		0.540		0.540		0.54[illegible]						0.54[illegible]	
	25-Feb-09		0.110		0.11[illegible]		0.110		NS		0.110	U	0.110		0.110		0.11[illegible]						0.1[illegible]	
	26-Mar-09		4.000		0.32[illegible]		1.510		1.438		0.639		1.1[illegible]		1.890		0.4[illegible]						0.[illegible]	
	29-Apr-09		0.107		0.107		1.340		0.107		0.107		0.107	U	0.107		0.1[illegible]						0.1[illegible]	
	22-Jul-09		0.177		0.107		0.1[illegible]		0.123		0.193		0.709		0.14[illegible]		0.1[illegible]						0.2[illegible]	
	9-Oct-09		0.231		0.21[illegible]		0.1[illegible]		0.193		0.240		0.15[illegible]		0.15[illegible]		0.1[illegible]						0.107	
	15-Jan-10		0.1[illegible]		0.107		0.113		0.107		0.107		0.107		0.3[illegible]		0.107						0.107	
	21-Apr-10		0.24[illegible]		0.5[illegible]		0.279		0.505		0.3[illegible]		0.390		0.41[illegible]		0.4[illegible]						0.107	
	18-Jul-10		0.107		0.107		0.107		0.220		0.107		0.107	U	0.107		0.107	U					0.107	
	15-Oct-10		0.1[illegible]		0.107		0.107	U	0.1[illegible]		0.[illegible]		0.[illegible]		0.101		0.107						0.107	
	30-Nov-10		NS		0.107		0.107	U	NS		NS		NS		0.109		NS						NS	
	26-Jan-11		0.[illegible]		0.502		0.531		0.604		0.504		0.584		0.429		0.5[illegible]		0.[illegible]4		[illegible]		0.[illegible]	
	26-Jan-11		NS		[illegible]		0.500		NS		[illegible]		NS		[illegible]		[illegible]						[illegible]	
cis-1,3-Dichloropropene	6-Feb-08	[illegible]	0.090		0.090		0.090		0.090		0.090	U	0.090		0.090		0.090						0.090	
	27-Mar-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U	0.091						0.091	U
	25-Apr-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U	0.091						0.091	U
	29-May-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090		0.090		0.090						0.090	
	27-Jun-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.185		0.09						0.091	
	31-Jul-08		0.091	U	0.091		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091						0.091	
	28-Aug-08		0.091		0.091		0.091	U	0.091	U	0.091	U	0.091		0.091		0.091						0.091	U
	30-Sep-08		0.180	U	0.180		0.180	U	0.180		0.180	U	0.180	U	0.180		0.18						0.180	
	27-Oct-08		0.180	U	0.180		0.180	U	0.180		0.180	U	0.180	U	0.180	U	0.180						0.180	
	25-Nov-08		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180		0.180	U					0.180	
	18-Dec-08		0.180		0.180	U	0.180	U	0.180		0.180	U	0.180	U	0.180	U	0.180	U					0.180	
	21-Jan-09		0.180		0.18[illegible]		0.180		0.180		0.180	U	0.180	U	0.180		0.180	U					0.180	U
	25-Feb-09		0.180		0.18		0.180		NS		0.180		0.180	U	0.180		0.180	U					0.180	
	26-Mar-09		0.091		0.091		0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U					0.091	
	29-Apr-09		0.091		0.091		0.091		0.091	U	0.091		0.091	U	0.091		0.091						0.091	
	22-Jul-09		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U					0.091	U
	9-Oct-09		0.091	U	0.091	U	0.091		0.091	U	0.091	U	0.091		0.091	U	0.091	U					0.091	U
	15-Jan-10		0.091	U	0.091		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U					0.091	
	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
	18-Jul-10		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091		0.094	U					0.091	
	15-Oct-10		0.091		0.091		0.091		0.091	U	0.091		0.091		0.091		0.09[illegible]	U					0.09[illegible]	
	30-Nov-10		NS		0.091		0.091		NS		NS		NS		0.091		NS						NS	
	26-Jan-11		0.15[illegible]		0.154		0.156		0.154		0.156		0.154		0.154		0.1[illegible]	U	0.154		0.15[illegible]	U	0.154	
	26-Jan-11		NS		0.230		0.2[illegible]		[illegible]		NS		[illegible]		0.230		[illegible]						[illegible]	
4-Methyl-2-pentanone	6-Feb-08	[illegible]	2.050		2.050		2.050		2.050		2.050		2.050		2.050		2.050						2.050	
	27-Mar-08		2.050	U	2.105		2.050	U	2.050		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		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		2.050	U	2.050	U	2.050		2.050	U					2.050	
	27-Jun-08		2.050		2.050		2.050		2.050		2.050	U	2.050		2.050		2.050						2.050	
	31-Jul-08		2.050	U	2.050		2.050	U	2.050		2.050	U	2.050	U	2.050	U	2.050	U					2.050	U
	28-Aug-08		2.050		2.050		2.050		2.540		2.050	U	2.050		2.050		2.05						2.050	U
	30-Sep-08		2.000		2.000		2.000		2.000		2.000		2.000		2.000		2.00						2.000	
	27-Oct-08		2.000		2.000		2.000		2.000		2.000		2.000		2.000		2.000						2.000	U
	25-Nov-08		2.000		2.000		2.000		2.000		2.00		2.000		2.000		2.000						2.000	
	18-Dec-08		2.000		2.000		2.000		2.000		2.00		2.000		2.00		2.000						2.000	
	21-Jan-09		2.000		2.000		2.000		2.00		2.0[illegible]		2.000		2.00		2.000						2.000	
	25-Feb-09		2.000		2.000		1.000		NS		2.000		2.000		2.0		2.000						2.000	
	26-Mar-09		2.05		2.050		2.050		2.050	U	2.050		2.050		2.050		2.050						2.050	
	29-Apr-09		2.050		2.050		2.050		2.050	U	2.0[illegible]		2.050		2.050		2.0[illegible]						2.0[illegible]	
	22-Jul-09		2.050		2.050		2.050		2.050		2.0[illegible]		2.0[illegible]		2.0[illegible]		2.0[illegible]						2.0[illegible]	
	9-Oct-09		2.050		2.050		2.050		2.050		2.050		2.0[illegible]		2.0[illegible]		2.050						2.050	
	15-Jan-10		2.050		2.050		2.050		2.050		2.0[illegible]		2.050		2.0[illegible]		2.050						2.050	
	21-Apr-10		2.05		2.0[illegible]		2.050		2.050		2.0[illegible]		2.050		2.050		2.250						2.050	
	18-Jul-10		2.0[illegible]		2.050		2.050		2.050		2.050		2.050		2.050		2.050						2.050	
	15-Oct-10		2.050		2.050		2.050		2.0[illegible]		2.0[illegible]		2.0[illegible]		2.050		2.0[illegible]						2.0[illegible]	
	30-Nov-10		NS		2.050		2.050		NS		NS		NS		2.050		NS						NS	
	26-Jan-11		1.490		3.480		1.480		1.4[illegible]		[illegible]		[illegible]		3.480		1.7[illegible]		[illegible]		[illegible]		[illegible]	
	26-Jan-11		NS		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	

Date Modified 3/10/2011

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

Volatile Organic Compounds via TO-15	Sample Date	[illegible] Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approved Action Level	Kitchen Storage		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 11[illegible]		Media Center (Rm 11[illegible])		Room 152		Room 14[illegible]		Room 2[illegible]4		Ambient Outdoor	
trans-1,3-Dichloropropene	8-Feb-08	none	1.790		0.090		0.090		0.090		0.094		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Mar-08		0.091		0.091		0.091	U	0.091	U	0.091		0.091		0.091		[illegible]						0.091	
	25-Apr-08		0.091		0.09[illegible]		0.091	U	0.09[illegible]	U	0.091		0.091	U	0.091	U	[illegible]						0.091	
	29-May-08		0.090	U	0.090		0.09[illegible]	U	[illegible]	U	0.090		0.090	U	0.090	U	[illegible]						0.090	
	27-Jun-08		0.090	U	0.090	U	0.09[illegible]	U	0.090	U	0.09[illegible]	U	0.090	U	0.140		0.090	U					0.091	
	31-Jul-08		0.090	U	0.090	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U					0.091	U
	28-Aug-08		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U					0.091	U
	27-Oct-08		0.180	U	0.180	U	0.200		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.180	U
	27-Oct-08		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U					0.180	
	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					0.18[illegible]	
	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					0.18[illegible]	
	21-Jan-09		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180		0.180						0.180	
	25-Feb-09		0.180	U	0.180	U	0.180	U	NS		0.180	U	0.180	U	0.180		0.180	U					0.18[illegible]	U
	25-Mar-09		0.091	U	0.091	U	0.09[illegible]	U	0.09[illegible]	U	0.091	U	0.091	U	0.091		0.091	U					0.091	U
	29-Apr-09		0.091	U	0.091	U	[illegible]	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	0.09[illegible]	U	0.091	U					0.091	
	[illegible]-Oct-09		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.0[illegible]		0.091						0.091	
	15-Jan-10		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.0[illegible]	U	0.091	U					[illegible]	
	21-Apr-10		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U					[illegible]	
	18-Jul-10		0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091		0.091	U					0.0[illegible]	
	15-Oct-10		[illegible]	U	0.092	U	0.091	U	0.09[illegible]	U	0.091	U	[illegible]	U	[illegible]	U	0.091						[illegible]	
	30-Nov-10		NS		0.091	U	0.091	U	NS		NS		NS		[illegible]	U	NS						NS	
	26-Jan-11		[illegible]156	U	0.154	U	0.156	U	0.154	U	0.155	U	[illegible]154		0.154		[illegible]		[illegible]154	U	[illegible]156	U	[illegible]154	
	26-Jan-11**		[illegible]		0.230		[illegible]23[illegible]	U	NS		NS		[illegible]		[illegible]230		NS						NS	
[illegible]trichloroethane	8-Feb-08	[illegible]	0.110	U	0.110		0.110		0.110	U	0.110	U	0.11[illegible]		0.110		0.110	U					[illegible]	
	27-Mar-08		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	[illegible]	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	[illegible]	U	0.109	U					[illegible]109	
	29-May-08		0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	[illegible]110	U					[illegible]110	
	27-Jun-08		0.109	U	0.109	U	0.109	U	0.110	U	0.110	U	0.110	U	0.302		[illegible]109	U					[illegible]110	
	31-Jul-08		0.109		0.109	U	0.109		0.1[illegible]	U	0.109	U	0.109		0.109		0.109						[illegible]109	
	28-Aug-08		0.109		0.109	U	0.109		0.10[illegible]	U	0.109	U	0.109		0.109	U	0.109						[illegible]	
	30-Sep-08		[illegible]110	U	0.110	U	0.300		[illegible]110	U	0.110	U	0.110		0.110		0.110						[illegible]11[illegible]	U
	27-Oct-08		[illegible]110	U	0.110	U	0.110		0.110	U	0.110	U	0.110		0.110	U	0.110	U					[illegible]	U
	25-Nov-08		0.110	U	0.110		0.110	U	0.110	U	0.110	U	0.110		0.1[illegible]	U	0.110	U					0.110	U
	18-Dec-08		0.110	U	0.110		0.110	U	0.110	U	0.110	U	0.1[illegible]		0.110	U	0.110	U					0.110	U
	21-Jan-09		[illegible]110	U	0.110	U	[illegible]110	U	0.110	U	0.110	U	[illegible]	U	[illegible]110		0.110	U					0.110	U
	25-Feb-09		[illegible]110	U	0.110	U	[illegible]110	U	NS		0.110	U	0.110	U	[illegible]110		0.110						0.110	U
	25-Mar-09		0.109	U	0.109	U	0.109	U	0.10[illegible]	U	0.109	U	0.109	U	0.1[illegible]	U	0.109						0.109	U
	29-Apr-09		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	[illegible]	U	0.109	U					0.109	U
	22-Jul-09		0.109	U	0.109	U	0.10[illegible]	U	0.109	U	0.109	U	0.109	U	0.109		0.109	U					0.109	U
	9-Oct-09		0.109	U	0.109		0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U					[illegible]109	U
	15-Jan-10		0.109	U	[illegible]109		0.109	U	0.109	U	0.109	U	[illegible]109	U	0.109	U	0.109	U					[illegible]109	U
	21-Apr-10		0.109	U	0.109	U	0.10[illegible]	U	0.109	U	0.109	U	0.109		0.109	U	0.109						0.109	U
	16-Jul-10		0.109	U	0.109	U	0.10[illegible]	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109						0.109	U
	15-Oct-10		0.109	U	1.080	U	[illegible]109	U	0.109	U	0.109	U	[illegible]10[illegible]		0.109	U	[illegible]109	U					[illegible]109	U
	30-Nov-10		NS		0.109	U	0.109	U	NS		NS		NS		0.109	U	NS						NS	
	26-Jan-11		[illegible]		0.18[illegible]	U	0.185	U	0.18[illegible]		0.18[illegible]	U	[illegible]		0.185	U	[illegible]		[illegible]		[illegible]	U	[illegible]185	
	26-Jan-11**		NS		[illegible]270		[illegible]270	U	NS		[illegible]		[illegible]		0.270	U	NS						[illegible]	
Toluene	8-Feb-08	2[illegible]	1.780		1.140		1.120		1.350		1.240		0.900		0.913		1.03[illegible]						1.4[illegible]	
	27-Mar-08		6.470		4.040		4.520		4.150		6.920		5.570		4.210		4.040						1.5[illegible]	
	25-Apr-08		4.800		4.000		2.810		3.800		[illegible]790		4.070		4.010		[illegible]880						0.4[illegible]	
	29-May-08		0.800		0.750		1.600		1.330		0.870		1.090		1.020		0.870						[illegible]32[illegible]	
	27-Jun-08		[illegible]870		3.090		3.200		3.850		4.110		3.640		4.520		[illegible]020						2.410	
	31-Jul-08		[illegible]780		2.070		2.900		1.900		2.720		2.200		1.680		[illegible]440						1.890	
	28-Aug-08		5.230		5.090		7.600		7.530		5.820		5.840		5.780		5.240						4.050	
	30-Sep-08		1.900	U	1.800		2.500		1.900		5.000		1.900		1.900		[illegible]300						[illegible]900	U
	27-Oct-08		8.700		9.300		3.500		8.100		2.300		5.500		1.800		8.400						[illegible]400	
	25-Nov-08		5.500		1.800		1.900	U	2.000	U	1.900	U	1.900		1.900		1.900	U					1.900	U
	18-Dec-08		1.900	U	1.800	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U					1.900	U
	21-Jan-09		1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U					1.900	U
	25-Feb-09		1.900	U	1.900		1.900	U	NS	U	1.900	U	1.900	U	1.900	U	1.900	U					1.900	U
	25-Mar-09		8.110		4.290		3.980		3.540		3.900		4.730		5.870		5.080						5.110	
	29-Apr-09		0.779		3.595		0.079		0.704		1.050		0.585		0.814		0.810						2.953	
	22-Jul-09		1.550		1.010		2.540		1.110		3.150		3.410		3.880		[illegible]670						[illegible]850	
	9-Oct-09		4.740		3.690		4.190		3.800		4.500		4.170		4.220		4.090						4.580	
	15-Jan-10		1.920		1.580		1.520		1.800		1.690		1.540		1.820		1.630						2.880	
	21-Apr-10		4.770		8.810		5.220		7.430		4.480		4.140		4.030		[illegible]900						0.414	
	16-Jul-10		2.070		1.210		1.180		1.380		2.250		1.570		3.780		1.330						0.787	
	15-Oct-10		7.23[illegible]		0.818		[illegible]567		0.715		[illegible]501		[illegible]		0.995		[illegible]312						[illegible]67[illegible]	
	30-Nov-10		NS		1.280		1.200		NS		NS		NS		0.825		NS						NS	
	26-Jan-11		5.8[illegible]		5.970		5.840		6.480		[illegible]840		[illegible]050		5.830		7.2[illegible]		[illegible]		4.000		[illegible]210	
	26-Jan-11**		[illegible]		[illegible]700		[illegible]600		NS		NS		[illegible]		[illegible]730		[illegible]						NS	
[illegible]	8-Feb-08	[illegible]	[illegible]100		0.100		0.100	U	0.100	U	0.100	U	0.100	U	0.100		0.100						[illegible]100	
	27-Mar-08		0.098		0.098	U	0.098	U	0.098	U	0.09[illegible]	U	0.098	U	0.0[illegible]	U	0.09[illegible]	U					0.098	
	25-Apr-08		0.098	U	0.098	U	0.098	U	0.098	U	0.09[illegible]	U	0.098	U	0.0[illegible]	U	0.09[illegible]	U					0.09[illegible]	
	29-May-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100		0.10[illegible]	U					0.10[illegible]	
	27-Jun-08		0.100	U	0.100		0.100	U	0.100	U	0.09[illegible]	U	0.100	U	0.1[illegible]		0.10[illegible]						0.09[illegible]	
	31-Jul-08		0.098	U	0.0[illegible]	U	0.09[illegible]	U	0.098	U	0.09[illegible]	U	[illegible]098	U	0.09[illegible]	U	0.098	U					0.09[illegible]	
	28-Aug-08		0.098	U	0.098	U	0.098	U	0.098	U	0.098		[illegible]098	U	0.09[illegible]	U	0.098						0.09[illegible]	
	30-Sep-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200		4.200	U	4.200		4.200						4.2[illegible]	
	27-Oct-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200		4.200	U					4.2[illegible]	
	25-Nov-08		4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200		4.200	U					4.2[illegible]	
	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					4.20	
	21-Jan-09		4.200	U	4.200	U	4.200	U	4.20[illegible]	U	4.200	U	4.200	U	4.20[illegible]	U	4.200						4.2[illegible]	
	25-Feb-09		4.200	U	4.200	U	4.200	U	NS		4.20[illegible]	U	4.200	U	4.20[illegible]	U	4.200	U					4.20[illegible]	
	25-Mar-09		0.09[illegible]	U	0.09[illegible]	U	0.098	U	0.098	U	0.09[illegible]	U	0.09[illegible]	U	0.09[illegible]	U	0.09[illegible]	U					[illegible]	
	29-Apr-09		0.09[illegible]	U	0.09[illegible]	U	0.09[illegible]	U	0.098	U	0.09[illegible]	U	0.09[illegible]	U	0.09[illegible]		0.09[illegible]	U					[illegible]	
	22-Jul-09		0.0[illegible]	U	0.09[illegible]	U	0.09[illegible]	U	0.098	U	0.09[illegible]	U	0.098	U	0.09[illegible]		0.09[illegible]	U					0.0[illegible]	U
	9-Oct-09		0.0[illegible]	U	0.09[illegible]	U	0.098	U	0.098	U	0.09[illegible]	U	0.09[illegible]	U	0.098	U	0.09[illegible]						0.0[illegible]	U
	15-Jan-10		0.09[illegible]	U	0.09[illegible]	U	0.098	U	0.098	U	0.098		0.09[illegible]	U	0.09[illegible]	U	0.09[illegible]						0.0[illegible]	U
	21-Apr-10		0.09[illegible]	U	0.0[illegible]		0.098		0.098		0.098	U	0.098	U	0.09[illegible]	U	0.09[illegible]						0.0[illegible]	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					0.1[illegible]	U
	15-Oct-10		[illegible]17[illegible]	U	0.170	U	0.170	U	0.170	U	[illegible]170	U	[illegible]170	U	0.170		0.170						0.1[illegible]	
	30-Nov-10		NS		0.170	U	0.170	U	NS		NS		NS		0.170	U	NS						N[illegible]	
	26-Jan-11		0.2[illegible]	U	[illegible]290	U	0.290	U	[illegible]290	U	[illegible]291	U	[illegible]2[illegible]	U	0.290	U	[illegible]291		[illegible]	U	[illegible]290		[illegible]	
	26-Jan-11**		[illegible]		[illegible]430	U	[illegible]430		[illegible]		NS		[illegible]		[illegible]430	U	[illegible]						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approved Action Level	[illegible] Storage Rm	[illegible]	Cafeteria	[illegible]	Gymnasium	[illegible]	Elevator Hallway	[illegible]	Room 118	[illegible]	Room 110	[illegible]	Media Lab [illegible]	[illegible]	Room 112	[illegible]	Room 18[illegible]	[illegible]	Room 214	[illegible]	Ambient [illegible]	[illegible]
1,1-Dichloro[illegible]	8-Feb-08	[illegible]	0.150	U	0.150	U	0.150		0.150	U	0.150	U	0.150		0.150		0.150						0.150	
	27-Mar-08		0.154	U	0.154		0.154		0.154		0.154	U	0.154		0.154		0.154						0.154	
	25-Apr-08		0.154		0.154		0.154		0.154	U	0.154	U	0.154		0.154		0.154						0.154	
	29-May-08		0.150		0.15[illegible]		0.150		0.150	U	0.150	U	0.15[illegible]		0.15[illegible]		0.15[illegible]						[illegible]	
	27-Jun-08		0.150	U	0.150		0.154	U	0.154	U	0.150	U	0.150		[illegible]		0.154						[illegible]	
	31-Jul-08		0.154	U	0.154		0.154	U	0.154	U	0.154	U	0.154		0.154	U	0.154						0.154	
	28-Aug-08		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154		0.154	U	0.154	U					0.154	
	[illegible] Oct 08		0.150	U	0.150	U	0.150	U	0.150		0.150	U	0.150	U	0.150	U	0.150	U					0.150	U
	27-Oct-08		0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150		0.150	U					0.15[illegible]	U
	25-Nov-08		0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150		0.150		0.150	U					0.15[illegible]	U
	18-Dec-08		0.150	U	0.150	U	0.280		0.150	U	0.150	U	0.150		0.150		0.150						0.15[illegible]	U
	21-Jan-09		0.150	U	0.150	U	0.15[illegible]		0.150		0.150		0.150		0.150	U	0.150						0.150	
	25-Feb-09		0.150	U	0.150	U	0.150	U	NS		0.150	U	0.150		0.150		0.150	U					0.150	
	26-Mar-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154		0.154		0.154	U					0.154	
	29-Apr-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154						0.154	U
	22-Jul-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154		0.154						0.154	U
	[illegible]-Oct-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154		0.154						0.154	
	15-Jan-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154						0.154	
	21-Apr-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154						0.154	
	16-Jul-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154		0.154						0.154	U
	15-Oct-10		0.154	U	0.154		0.154	U	0.154	U	0.154	U	0.154		0.154	U	0.154						0.154	
	30-Nov-10		NS		0.154	U	0.154	U	NS		NS		NS		0.154		NS						NS	
	26-Jan-11		0.282	U	0.281	U	0.282	U	0.2[illegible]		0.2[illegible]	U	0.2[illegible]		0.281		0.282		0.2[illegible]	U	[illegible]		0.2[illegible]	
	26-Jan-11**		NS		[illegible]		[illegible]		NS		NS		[illegible]		[illegible]		[illegible]						[illegible]	
Tetr[illegible]ethene	8-Feb-08	[illegible]	0.140		0.140		0.140		0.150		0.140		0.140		0.140		0.140						[illegible]	
	27-Mar-08		12.50[illegible]		6.880		13.3[illegible]		18.100		28.0[illegible]		7.730		23.3[illegible]		4.310						[illegible]	
	25-Apr-08		0.180		0.254		[illegible]179		0.282		0.231		0.27[illegible]		0.22[illegible]		0.298						0.1[illegible]	
	29-May-08		0.140	U	0.140	U	0.140	U	0.140		0.140	U	0.140		0.140		0.140						0.14[illegible]	
	[illegible]-Jun-08		[illegible]		0.449		0.3[illegible]		0.459		0.424		0.243		0.490		0.2[illegible]						0.2[illegible]	
	[illegible]-Jul-08		1.000		1.000		0.[illegible]		0.880		0.795		0.872		0.252		0.282						0.154	
	[illegible]-Aug-08		[illegible]321		[illegible]387		0.290		0.323		0.274		[illegible]434		[illegible]294		[illegible]282						[illegible]44[illegible]	
	[illegible]-Sep-08		1.400	U	1.400	U	1.400	U	1.400		1.400	U	1.400	U	1.400	U	1.400						1.400	
	27-Oct-08		4.200	U	4.200	U	4.200	U	4.200		4.200	U	4.200	U	4.200	U	4.200						4.200	
	25-Nov-08		1.400	U	1.400		1.400	U	1.400	U	1.400	U	1.400	U	1.400	U	1.400						1.400	U
	18-Dec-08		1.400	U	1.400	U	1.400	U	1.400		1.400	U	1.400		1.400	U	1.400						1.400	
	[illegible]-Jan-09		1.400	U	1.400	U	1.400	U	1.400		1.40[illegible]	U	1.400	U	1.400	U	1.400						1.400	
	25-Feb-09		1.400		1.400		1.400	U	NS		1.400	U	1.400		1.400		1.400						1.400	U
	26-Mar-09		1.530		[illegible]210		1.170		0.880		1.0[illegible]		1.320		1.420		1.880						1.3[illegible]	
	29-Apr-09		0.138		0.13[illegible]	U	0.897		0.13[illegible]		0.1[illegible]		0.138		0.138		0.13[illegible]						[illegible]	
	22-Jul-09		[illegible]291		[illegible]190		0.724		0.19[illegible]		[illegible]		0.186		0.183		0.210						0.53[illegible]	
	8-Oct-09		2.290		1.550		1.580		1.580		1.380		1.700		2.080		1.880						[illegible]779	
	15-Jan-10		0.359		[illegible]		[illegible]339		0.373		0.312		[illegible]480		0.34[illegible]		0.312						[illegible]450	
	21-Apr-10		0.637		0.752		[illegible]440		0.650		0.509		0.44[illegible]		0.407		0.474						0.567	
	16-Jul-10		0.31[illegible]		0.42[illegible]		0.420		0.42[illegible]		0.501		0.230		0.447		0.474						0.230	
	15-Oct-10		[illegible]		0.138		0.138	U	[illegible]		[illegible]	U	[illegible]		0.1[illegible]		[illegible]						[illegible]142	
	30-Nov-10		NS		0.481		0.291		NS		NS		NS		0.1[illegible]		NS						NS	
	26-Jan-11		[illegible]		0.484		0.370		0.5[illegible]		[illegible]		[illegible]		0.349		[illegible]		[illegible]472		[illegible]		[illegible]	
	26-Jan-11**		NS		[illegible]		[illegible]400	U	[illegible]		NS		[illegible]		[illegible]		NS						[illegible]	
1,1,1,2-Tetrachloroethane	8-Feb-08	[illegible]	0.140	U	0.140		0.140	U	0.140	U	0.140	U	0.140	U	0.140		0.140	U					0.140	
	27-Mar-08		0.13[illegible]	U	0.137	U	0.137	U	0.137	U	0.13[illegible]	U	0.137	U	0.137	1	0.137	U					0.1[illegible]	U
	25-Apr-08		0.137		0.137	U	0.137	U	0.137	U	0.13[illegible]	U	0.137	U	0.137		0.137	U					0.137	U
	29-May-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140		0.140	U					0.140	U
	27-Jun-08		0.13[illegible]	U	0.140	U	0.140	U	0.137	U	0.140		0.140	U	0.179		0.140	U					0.140	U
	31-Jul-08		[illegible]	U	0.137	U	0.137	U	0.137	U	0.137		0.137	U	0.137		0.137	U					0.137	U
	28-Aug-08		[illegible]	U	0.137	U	0.137	U	0.137	U	0.137		0.137	U	0.137		[illegible]	U					0.137	U
	30-Sep-08		[illegible]140	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.140		[illegible]137	U					[illegible]140	U
	27-Oct-08		[illegible]140	U	0.140		[illegible]140	U	0.140	U	0.140	U	0.140	U	0.140		[illegible]140	U					0.140	U
	25-Nov-08		0.140	U	0.140		[illegible]140	U	0.140	U	0.140	U	[illegible]140	U	0.14[illegible]		[illegible]140	U					0.140	
	18-Dec-08		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	[illegible]140	U	0.14[illegible]		0.140	U					0.140	
	[illegible]-Jan-09		0.140	U	0.140	U	5.000		[illegible]	U	0.140	U	0.140	U	0.140	U	[illegible]140	U					0.140	
	[illegible]-Feb-09		0.14[illegible]	U	0.140	U	0.370		NS		0.140	U	0.140	U	0.140	U	[illegible]140	U					0.14[illegible]	
	26-Mar-09		0.1[illegible]	U	0.137	U	0.1[illegible]	U	0.137	U	0.137	U	0.137		0.137	U	[illegible]137	U					0.1[illegible]	
	29-Apr-09		0.1[illegible]	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.1[illegible]		[illegible]137	U					0.137	
	22-Jul-09		0.137	U	0.137	U	0.137	U	0.137	U	0.1[illegible]	U	0.137	U	0.137	U	[illegible]137	U					0.137	
	8-Oct-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	[illegible]137	U					0.137	
	15-Jan-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U					0.137	U
	[illegible]-Apr-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U					0.137	U
	16-Jul-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U					0.137	
	15-Oct-10		[illegible]137	U	0.137	U	0.137	U	[illegible]137	U	[illegible]137	U	[illegible]137	U	0.1[illegible]	U	[illegible]137						[illegible]137	
	30-Nov-10		NS		0.137	U	0.137	U	NS		NS		NS		0.1[illegible]		NS						NS	
	26-Jan-11		[illegible]234	U	[illegible]233	U	[illegible]234	U	0.234		[illegible]234	U	[illegible]233		0.2[illegible]		[illegible]234	U	0.2[illegible]	U	[illegible]234		[illegible]	
	26-Jan-11**		NS						NS		NS		NS				NS						NS	
[illegible]orobenzene	8-Feb-08	[illegible]	0.080	U	0.080		0.080	U	0.080	U	0.080	U	0.080	U	0.080		0.080	U					0.080	U
	27-Mar-08		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U					0.082	U
	25-Apr-08		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U					0.082	U
	[illegible]-May-08		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080		0.080	U					0.080	U
	[illegible]-Jun-08		0.082	U	0.080	U	[illegible]080	U	0.082	U	0.080	U	0.080	U	0.314		0.082	U					0.082	U
	[illegible]-Jul-08		0.082	U	0.082	U	[illegible]082	U	0.082	U	0.082	U	0.082		0.082		0.082	U					0.082	U
	28-Aug-08		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	[illegible]082	U	[illegible]082		0.082	U					0.082	U
	[illegible]-Sep-08		2.300	U	2.300	U	2.300	U	2.300	U	[illegible]300	U	2.300		[illegible]300		2.300	U					2.300	U
	27-Oct-08		2.300	U	2.300	U	2.300	U	2.300	U	[illegible]300	U	2.300	U	[illegible]300	U	2.300	U					2.300	U
	25-Nov-08		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300		2.300	U	2.300	U					2.300	
	18-Dec-08		2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300						2.300	
	21-Jan-09		2.300	U	2.300	U	2.300	U	[illegible]		2.300	U	2.300	U	2.300	U	2.300						2.300	
	25-Feb-09		2.300	U	2.300	U	2.300		NS		2.300	U	2.300		2.300	U	2.300						2.300	
	[illegible]-Mar-09		0.082	U	0.082	U	0.082		0.082	U	0.082	U	0.082	U	0.082	U	[illegible]082						0.082	
	[illegible]-Apr-09		0.082	U	0.082	U	0.082	U	0.082		0.082	U	0.082	U	0.082	U	[illegible]082						0.082	
	22-Jul-09		0.082	U	0.082	U	[illegible]082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082						0.082	
	[illegible]-Oct-09		0.082	U	0.082	U	[illegible]082	U	0.082		0.082	U	0.082	U	0.082	U	0.082						0.082	
	15-Jan-10		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082						0.082	
	21-Apr-10		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	[illegible]082	U	0.082	U	[illegible]082	U					0.082	
	16-Jul-10		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	[illegible]082	U	0.082	U	[illegible]082	U					[illegible]082	
	15-Oct-10		[illegible]082	U	0.082	U	0.082	U	[illegible]082	U	[illegible]082	U	[illegible]082	U	0.082	U	[illegible]082						[illegible]082	U
	30-Nov-10		NS		0.082	U	0.082	U	NS		NS		NS		[illegible]082	U	NS						NS	
	[illegible]-Jan-11		[illegible]		0.15[illegible]	U	0.157	U	[illegible]	U	0.151		[illegible]		[illegible]158	U	[illegible]		[illegible]		[illegible]		[illegible]	
	[illegible]		NS		[illegible]	U	[illegible]	U	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	[illegible] Draft Expedited Indoor Residential Target Air Concentrations/Interim RE&M Approved Action Level	Kitchen Storage [illegible]	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Ctr Rm 14[illegible]	Qual	Room 152	Qual	Room 14[illegible]	Qual	Room 1M	Qual	Ambient Outdoor	Qual
[illegible]	8-Feb-08	33	[illegible]		[illegible]		2.620		0.450		1.250		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Mar-08		[illegible]		[illegible]		1.020		0.889		0.894		1.000		[illegible]		[illegible]						[illegible]	
	25-Apr-08		[illegible]		0.837		2.200		0.711		0.878		0.712		[illegible]		[illegible]						[illegible]	
	29-May-08		[illegible]		0.127		[illegible]		0.820		0.120		0.160		[illegible]		0.110						[illegible]	
	27-Jun-08		[illegible]		0.412		[illegible]		0.987		0.478		0.400		[illegible]		0.380						[illegible]	
	31-Jul-08		0.553		[illegible]		1.140		0.424		0.426		0.491		0.282		0.216						[illegible]	
	28-Aug-08		[illegible]		1.150		3.010		2.820		0.781		[illegible]		0.870		0.783						[illegible]	
	30-Sep-08		2.200	U	2.200		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	15.5[illegible]						2.200	U
	27-Oct-08		2.200	U	2.200		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U					2.2[illegible]	
	25-Nov-08		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U					2.200	U
	18-Dec-08		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.20[illegible]						2.200	U
	21-Jan-09		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.20[illegible]						2.200	U
	25-Feb-09		2.200	U	2.200		3.600		NS		2.200		2.200		2.200		2.20[illegible]						2.2[illegible]	
	26-Mar-09		0.832		0.800		1.120		1.080		0.511		0.548		0.738		0.589						[illegible]	
	29-Apr-09		0.195		0.234		0.633		0.539		0.195		0.139		0.139		0.152						[illegible]	
	22-Jul-09		0.442		0.212		1.080		0.294		0.551		0.825		0.807		0.542						[illegible]	
	9-Oct-09		1.850		0.758		1.090		1.030		0.784		[illegible]		0.698		0.833						0.74[illegible]	
	15-Jan-10		0.447		0.334		[illegible]		0.351		0.321		[illegible]		0.273		0.252						[illegible]	
	21-Apr-10		0.488		0.71[illegible]		1.280		0.812		0.891		0.403		0.542		0.538						0.087	
	16-Jul-10		0.334		0.22[illegible]		0.495		0.408		0.573		0.284		0.872		0.280						0.143	
	15-Oct-10		[illegible]252		0.308		0.412		[illegible]		[illegible]		[illegible]087	U	0.200		[illegible]087						[illegible]	
	30-Nov-10		NS		0.211		0.338		NS		NS		NS		0.508		NS						NS	
	28-Jan-11		1.040		1.00[illegible]		1.100		1.2[illegible]		[illegible]		1.100		0.951		[illegible]		[illegible]		[illegible]		[illegible]	
	28-Jan-11[illegible]		NS		1.400		1.800		[illegible]		NS		NS		1.6[illegible]		NS						[illegible]	
[illegible] Xylene	8-Feb-08	[illegible]	[illegible]		0.480		2.110		1.490		0.550		[illegible]		[illegible]		[illegible]						[illegible]	
	27-Mar-08		2.4[illegible]		2.080		3.510		2.980		2.620		2.[illegible]		1.810		1.910						0.2[illegible]	
	25-Apr-08		2.220		1.870		8.240		2.170		1.990		2.080		2.190		1.880						[illegible]	
	29-May-08		0.350		0.290		5.110		2.280		0.290		[illegible]		[illegible]		0.290						[illegible]	
	27-Jun-08		1.090		1.080		3.2[illegible]		3.000		1.250		0.994		2.1[illegible]		0.928						0.79[illegible]	
	31-Jul-08		1.390		1.180		[illegible]		1.140		1.140		1.370		[illegible]		[illegible]						[illegible]	
	28-Aug-08		2.11[illegible]		1.220		8.6[illegible]		8.200		1.910		2.190		2.2[illegible]		1.8[illegible]						2.240	
	30-Sep-08		4.30[illegible]		4.300	U	4.300		4.300		4.300		4.300	U	4.300		22.0[illegible]						4.30[illegible]	
	27-Oct-08		4.300		4.30[illegible]	U	4.300	U	5.000		4.300	U	4.300	U	4.300		4.300	U					[illegible]	
	[illegible]5-Nov-08		4.300	U	4.30[illegible]	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300		4.300	U					4.300	
	18-Dec-08		4.300	U	4.300		4.3[illegible]	U	4.300	U	4.300	U	4.300	U	4.300		4.300	U					4.300	
	21-Jan-09		4.300	U	4.300	U	4.30[illegible]		4.300	U	4.300	U	4.300		4.300	U	4.300	U					4.300	U
	25-Feb-09		4.300	U	4.300		15.000		NS		4.300	U	4.300		4.300	U	[illegible]300						4.300	
	26-Mar-09		3.080		2.850		4.530		4.340		1.580		1.990		2.340		1.870						2.310	
	29-Apr-09		0.49[illegible]		0.733		[illegible]534		1.890		0.477		0.308		0.312		0.347						[illegible]442	
	22-Jul-09		0.920		0.577		2.680		[illegible]824		1.560		2.070		2.510		1.720						3.510	
	9-Oct-09		2.890		2.24[illegible]		3.390		3.180		2.200		2.090		1.980		1.91[illegible]						[illegible]290	
	15-Jan-10		1.080		0.915		1.040		0.948		0.724		[illegible]603		0.872		[illegible]						0.672	
	21-Apr-10		1.200		2.000		4.380		1.810		1.420		[illegible]870		1.430		1.380						0.174	
	16-Jul-10		0.894		0.568		1.290		1.120		1.790		0.729		1.880		0.694						0.330	
	15-Oct-10		1.84[illegible]		0.972		1.340		0.40[illegible]		[illegible]		[illegible]174		0.489		[illegible]174						[illegible]	
	30-Nov-10		NS		[illegible]820		1.000		NS		NS		NS		0.230		NS						NS	
	28-Jan-11		2.890		[illegible]800		[illegible]910		[illegible]320		2.58[illegible]		2.790		2.540		[illegible]850		2.7[illegible]		[illegible]		[illegible]490	
	28-Jan-11[illegible]		NS		4.300		[illegible]400		NS		NS		NS		4.[illegible]		NS						NS	
[illegible]	8-Feb-08	56	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.21[illegible]	U					0.21[illegible]	
	27-Mar-08		0.208	U	0.208	U	[illegible]	U	0.208	U	0.20[illegible]	U	0.2[illegible]	U	0.208	U	0.20[illegible]	U					0.20[illegible]	U
	25-Apr-08		0.208	U	0.208	U	0.20[illegible]	U	0.208	U	0.20[illegible]	U	0.20[illegible]	U	0.208		0.210	U					0.208	U
	29-May-08		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	[illegible]210	U	0.210	U					0.210	U
	27-Jun-08		0.208	U	0.210	U	0.20[illegible]	U	0.208	U	0.210	U	0.210	U	1.30[illegible]		0.210	U					0.2[illegible]	U
	31-Jul-08		0.208	U	0.208	U	0.208	U	0.208	U	0.208	U	0.2[illegible]	U	0.20[illegible]		0.208						0.2[illegible]	U
	28-Aug-08		0.208	U	0.208	U	0.208		0.208	U	0.208	U	0.20[illegible]	U	0.208		0.208						0.208	U
	30-Sep-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410						0.410	U
	27-Oct-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410						0.410	U
	25-Nov-08		0.410	U	0.41[illegible]	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U					0.410	U
	18-Dec-08		0.410	U	0.41[illegible]	U	0.410	U	0.410	U	0.410	U	0.41[illegible]	U	0.410	U	0.410						0.410	U
	21-Jan-09		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U					0.410	U
	25-Feb-09		0.410	U	0.410		0.410	U	NS		0.410		0.410	U	0.410		0.410	U					0.41[illegible]	U
	26-Mar-09		0.208	U	0.20[illegible]	U	0.20[illegible]	U	0.208	U	0.208	U	0.208	U	0.20[illegible]		0.208	U					0.20[illegible]	U
	29-Apr-09		0.208	U	0.20[illegible]	U	0.208	U	0.208	U	0.208	U	0.208	U	0.20[illegible]	U	0.208	U					0.208	U
	22-Jul-09		0.208	U	0.20[illegible]	U	0.208	U	0.208	U	0.208	U	0.208	U	0.20[illegible]		0.208	U					0.20[illegible]	U
	9-Oct-09		0.208	U	0.20[illegible]	U	0.208	U	0.208	U	0.20[illegible]	U	0.208	U	0.2[illegible]	U	0.2[illegible]	U					0.208	U
	15-Jan-10		0.208	U	0.208	U	0.208	U	0.208	U	0.20[illegible]	U	0.208	U	0.20[illegible]	U	0.2[illegible]	U					0.208	U
	21-Apr-10		0.208	U	0.208	U	0.208	U	0.208	U	0.2[illegible]	U	0.20[illegible]	U	0.2[illegible]	U	0.2[illegible]	U					0.208	U
	16-Jul-10		0.20[illegible]	U	0.208		0.208	U	0.208	U	0.20[illegible]	U	0.20[illegible]	U	0.208	U	0.208	U					0.208	U
	15-Oct-10		0.20[illegible]		0.208	U	0.208	U	[illegible]208	U	0.2[illegible]	U	0.20[illegible]	U	0.208		[illegible]						[illegible]	U
	30-Nov-10		NS		0.208	U	0.208	U	NS		NS		NS		0.20[illegible]		NS						NS	
	28-Jan-11		[illegible]353	U	0.351	U	0.352	U	0.352	U	0.353	U	[illegible]351		0.351	U	0.353		[illegible]	U	[illegible]		[illegible]351	
	[illegible]		NS		0.54[illegible]	U	0.520		NS		NS		NS		[illegible]	U	NS						NS	
[illegible]	8-Feb-08	12[illegible]	0.110		0.130		0.090	U	0.090	U	0.090	U	0.090	U	0.090		0.090	U					0.090	
	27-Mar-08		1.200		0.11[illegible]		0.120		0.195		0.140		0.175		0.114		0.139						0.0[illegible]	U
	25-Apr-08		0.8[illegible]		0.15[illegible]		0.180		0.184		0.137		0.137		0.158		0.124						0.085	U
	29-May-08		0.580		0.0[illegible]		0.130		0.280		0.080	U	0.110		0.080		0.090						0.080	U
	27-Jun-08		1.830		0.08[illegible]		0.112		0.188		0.191		0.085		0.481		0.090						0.0[illegible]	U
	31-Jul-08		[illegible]		0.254		0.153		0.28[illegible]		0.295		0.2[illegible]		0.10[illegible]		0.080						0.08[illegible]	U
	28-Aug-08		[illegible]954		0.368		0.282		[illegible]		0.303		0.165		0.16[illegible]		0.140						[illegible]	
	30-Sep-08		2.100		2.10[illegible]		2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100						2.10[illegible]	
	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						2.100	
	25-Nov-08		2.100	U	2.100		2.100	U	2.100	U	2.10[illegible]	U	2.100	U	2.100	U	2.100	U					2.10[illegible]	U
	18-Dec-08		2.100	U	2.100		2.100	U	2.100	U	2.10[illegible]	U	2.100	U	2.100	U	2.100	U					2.100	U
	21-Jan-09		2.100		2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100		2.100						2.100	U
	25-Feb-09		2.100	U	2.100	U	2.100	U	NS		2.10[illegible]	U	2.100	U	2.100		2.100						2.100	U
	26-Mar-09		0.814		0.113		0.11[illegible]		0.11[illegible]		0.125		0.111		0.12[illegible]		0.13[illegible]						0.122	
	29-Apr-09		0.515		0.085	U	0.11[illegible]	U	0.08[illegible]	U	0.13[illegible]		0.085		0.08[illegible]		0.0[illegible]						[illegible]	
	22-Jul-09		1.280		0.08[illegible]	U	0.153		0.08[illegible]	U	0.285		0.272		0.213		0.217						[illegible]187	
	9-Oct-09		0.838		0.153		0.140		0.174		0.598		[illegible]179		0.140		0.149						[illegible]140	
	15-Jan-10		1.100		0.221		0.08[illegible]		0.089		0.199		[illegible]		0.08[illegible]		0.085						[illegible]	U
	21-Apr-10		0.281		0.204		0.2[illegible]		0.187		0.328		0.174		0.14[illegible]		0.140						0.085	U
	16-Jul-10		0.702		0.08[illegible]		0.085		0.08[illegible]	U	0.77[illegible]		0.085		0.08[illegible]	U	0.085	U					0.08[illegible]	U
	15-Oct-10		[illegible]		0.085		0.08[illegible]	U	[illegible]	U	0.08[illegible]		[illegible]	U	0.08[illegible]	U	0.085						[illegible]	
	30-Nov-10		NS		0.140		0.110		NS		NS		NS		0.085	U	NS						NS	
	28-Jan-11		[illegible]		0.224		[illegible]174		[illegible]217		0.182		[illegible]202		0.14[illegible]		[illegible]182		[illegible]174		[illegible]		[illegible]	
	28-Jan-[illegible]		NS		[illegible]		[illegible]		NS		[illegible]		[illegible]		[illegible]		NS						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	Draft Proposed Indoor Residential Target Air Concentrations/Interim RI/EM Approved Action Level	Storage Rm	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room [illegible]	Qual	Multi-purpose Rm [illegible]	Qual	Room [illegible]	Qual	Room 145	Qual	Room 234	Qual	Ambient Outdoor	Qual
[illegible]	8-Feb-08	[illegible]	0.140		0.140		[illegible]		[illegible]		[illegible]		0.140		[illegible]		[illegible]						[illegible]	
	27-Mar-08		0.137	U	[illegible]		[illegible]	U	[illegible]		[illegible]		0.137		[illegible]		[illegible]						[illegible]	
	25-Apr-08		0.137	U	0.137		[illegible]	U	0.137		0.137		0.137		0.137		0.137						[illegible]	
	29-May-08		0.140	U	0.140		0.140	U	0.140	U	0.140		0.140		0.140		0.140	U					0.140	
	27-Jun-08		0.140	U	0.140		[illegible]	U	0.137	U	0.140	U	0.140		0.092		[illegible]						0.140	U
	31-Jul-08		0.137		0.137		[illegible]	U	0.137	U	0.137		0.137	U	0.137		0.137						0.137	U
	28-Aug-08		0.137		0.137		0.137	U	0.137	U	0.137	U	0.137	U	0.137		0.137						0.137	U
	30-Sep-08		0.140	U	0.140	U	0.140		0.140	U	0.140	U	0.140	U	0.140		0.140	U					0.140	
	27-Oct-08		0.140		0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140		0.140	U					0.140	
	25-Nov-08	[illegible]	0.140		0.140		0.140	U	0.140	U	0.140		0.140		0.140		0.140	U					0.140	U
	18-Dec-08		0.140		0.140		0.140	U	0.140	U	0.140		0.140	U	0.140		0.140						0.140	U
	21-Jan-09		0.140		0.140		0.140	U	0.140	U	0.140	U	0.140		0.140	U	0.140						0.140	
	25-Feb-09		0.140		0.140		0.140	U	NS		0.140	U	0.140		0.140	U	0.140						0.140	
	26-Mar-09		0.137		0.137		0.137	U	0.137	U	0.137	U	0.137		0.137		0.137	U					0.137	U
	29-Apr-09		0.137		0.137		0.137	U	0.137	U	0.137	U	0.137		0.137		0.137	U					0.137	U
	22-Jul-09		0.137	U	0.137		0.137		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U					0.137	U
	9-Oct-09		0.137	U	0.137		0.137	U	0.137	U	0.137	U	0.137		0.137		0.137	U					0.137	U
	15-Jan-10		0.137	U	0.137		0.137	U	0.137	U	0.137	U	0.137	U	0.137		0.137	U					0.137	U
	21-Apr-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	[illegible]		0.137		0.137	U					0.137	U
	16-Jul-10		0.137	U	0.137	U	0.137	U	0.137		0.137	U	0.137		0.137		0.137	U					0.137	U
	15-Oct-10		0.137		0.137	U	0.137		0.137	U	0.137	U	0.137	U	0.137	U	[illegible]						[illegible]	U
	30-Nov-10		NS		0.137	U	0.137	U	NS		NS		NS		0.137		NS						NS	
	28-Jan-11		0.234	U	0.233	U	0.234	U	0.234		0.234	U	[illegible]		0.233		0.234	U	[illegible]		0.234	U	[illegible]	
	28-Jan-11**		NS		0.340	U	[illegible]		NS		NS		[illegible]		[illegible]		[illegible]						NS	
Xylene	8-Feb-08	[illegible]	[illegible]		0.270		[illegible]		0.610		[illegible]		[illegible]		1.150		[illegible]						[illegible]	
	27-Mar-08		0.782		[illegible]		1.940		1.120		0.920		1.080		0.640		0.888						0.087	U
	25-Apr-08		0.824		0.724		1.480		0.821		0.750		0.770		0.788		[illegible]						0.081	U
	29-May-08		0.130		0.120		2.080		1.000		[illegible]		0.180		0.150		[illegible]						0.090	U
	27-Jun-08		0.483		0.393		1.030		1.030		[illegible]		0.358		0.833		0.339						[illegible]	
	31-Jul-08		[illegible]		0.375		[illegible]		0.371		0.470		0.583		0.240		0.207						[illegible]	
	28-Aug-08		[illegible]		1.020		2.210		2.180		[illegible]		0.787		0.812		0.702						[illegible]	
	30-Sep-08		2.200		2.200	U	2.200		2.200		2.200	U	[illegible]		2.200		2.200						2.200	U
	27-Oct-08		2.200	U	2.200	U	2.200		2.200	U	2.200	U	2.270		2.200	U	2.200						2.200	U
	25-Nov-08	[illegible]	2.200	U	2.200	U	2.200		2.200		2.200	U	2.200		2.200		2.200						2.200	
	18-Dec-08		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200		2.200						2.200	
	21-Jan-09		2.200	U	2.200	U	2.200		[illegible]		2.200	U	2.200		2.200		2.200						[illegible]	
	25-Feb-09		2.200	U	2.200		2.600		NS		2.200	U	2.200		2.200		[illegible]						[illegible]	
	26-Mar-09		1.080		0.788		1.080		1.020		0.951		0.718		0.824		0.851						[illegible]	
	29-Apr-09		[illegible]		0.188		0.085		0.442		[illegible]		0.100		1.104		[illegible]						[illegible]	
	22-Jul-09		[illegible]		0.185		0.880		0.247		[illegible]		0.742		0.911		[illegible]						[illegible]	
	9-Oct-09		0.850		0.724		0.854		0.920		0.764		0.764		0.720		[illegible]						0.759	
	15-Jan-10		0.404		0.321		0.358		0.338		0.273		0.230		[illegible]		0.230						0.273	
	21-Apr-10		0.425		[illegible]		1.260		0.577		[illegible]		0.683		0.594		0.482						0.081	
	16-Jul-10		[illegible]		[illegible]		0.312		0.304		[illegible]		0.200		0.703		[illegible]						[illegible]	
	15-Oct-10		[illegible]		0.285		0.347		1.130		0.118		0.087		2.000		[illegible]						0.104	
	30-Nov-10		NS		0.228		[illegible]		NS		NS		NS		0.091		NS						NS	
	28-Jan-11		1.000		0.881		1.020		1.190		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
	28-Jan-11**		[illegible]		[illegible]		[illegible]		NS		NS		[illegible]		[illegible]		[illegible]						[illegible]	
[illegible]propylbenzene	8-Feb-08	[illegible]	[illegible]		[illegible]		2.490		2.480		[illegible]		2.490		[illegible]		2.490						[illegible]	
	27-Mar-08		2.480	U	2.480	U	2.490	U	2.490	U	2.480	U	2.480	U	2.490	U	2.480						2.490	U
	25-Apr-08		2.480	U	2.480	U	2.490	U	2.480	U	2.480	U	2.490	U	2.480	U	2.480						2.490	
	29-May-08		2.480	U	2.480	U	2.490	U	2.480	U	2.480	U	2.480	U	2.480	U	2.480	U					2.490	
	27-Jun-08		[illegible]	U	2.480	U	2.480	U	2.490	U	2.490	U	2.480	U	2.490	U	2.480						[illegible]	
	31-Jul-08		[illegible]	U	2.480		2.490	U	2.480	U	2.490	U	2.490	U	2.490	U	2.480						[illegible]	
	28-Aug-08		2.490	U	2.490	U	2.490	U	2.490	U	2.490	U	2.490	U	2.480	U	2.490						[illegible]	
	30-Sep-08		4.900	U	4.900		4.900	U	4.900	U	4.900		4.900	U	4.900	U	[illegible]						4.900	
	27-Oct-08		4.900		4.900		4.900		4.900	U	4.900		4.900	U	4.900		4.900						4.900	
	25-Nov-08	[illegible]	4.900		4.900	U	4.900		4.900	U	4.900	U	4.900	U	4.900		4.900	U					4.900	
	18-Dec-08		4.900		4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900		4.900						4.900	U
	21-Jan-09		4.900	U	4.900		4.900	U	4.900	U	4.900	U	4.900	U	4.900		4.900						4.900	U
	25-Feb-09		4.900		4.900		2.480	U	NS		4.900		4.900		[illegible]		4.900						4.900	U
	26-Mar-09		2.480		2.490	U	2.480	U	2.480	U	2.490	U	2.490	U	[illegible]		2.490						[illegible]	U
	29-Apr-09		2.480	U	2.490	U	2.480	U	2.480	U	2.490	U	2.480	U	2.490	U	2.490						2.480	U
	22-Jul-09		2.480	U	2.490		2.480	U	2.480	U	2.490	U	2.490	U	2.490	U	2.480	U					2.490	
	9-Oct-09		2.480	U	2.480	U	2.480	U	2.480	U	2.480	U	2.490	U	2.490	U	2.480	U					2.490	
	15-Jan-10		2.480	U	2.490	U	2.480	U	2.480	U	2.480	U	2.490	U	2.490	U	2.490	U					2.490	
	21-Apr-10		2.490	U	[illegible]	U	2.480	U	2.480	U	2.490	U	2.490	U	[illegible]	U	2.490	U					2.490	
	16-Jul-10		2.480	U	2.480	U	2.480	U	2.490	U	2.490	U	2.490	U	2.480	U	0.041						2.490	U
	15-Oct-10		2.480	U	2.480	U	2.480	U	2.490		[illegible]	U	2.490	U	2.480	U	2.490						[illegible]	U
	30-Nov-10		NS		2.480	U	2.480	U	NS		NS		NS		2.480	U	NS						NS	
	28-Jan-11		4.190	U	4.180	U	4.190	U	4.180	U	4.190		4.170	U	4.180	U	4.190	U	4.180	U	[illegible]	U	4.180	U
	28-Jan-11**		NS						NS		[illegible]		[illegible]				[illegible]						NS	
1,3,5-Trimethylbenzene	8-Feb-08	[illegible]	0.480		0.490		1.300		0.980		0.100		0.100		1.100		[illegible]						0.100	
	27-Mar-08		0.535		0.852		1.620		1.530		0.782		0.438		[illegible]		0.334						0.088	U
	25-Apr-08		0.387		0.816		1.170		0.802		0.942		0.783		0.375		0.280						0.088	U
	29-May-08		0.170		0.220		4.710		4.080		0.180		0.640		0.470		0.100	U					0.100	U
	27-Jun-08		[illegible]		0.732		1.100		[illegible]		0.385		[illegible]		[illegible]		0.100	U					[illegible]	U
	31-Jul-08		1.040		0.782		[illegible]		[illegible]		0.570		1.190		0.088		[illegible]	U					[illegible]	U
	28-Aug-08		0.170		0.732		1.980		[illegible]		0.270		0.181		0.181		[illegible]						0.100	
	30-Sep-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500						2.500	U
	27-Oct-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500		2.500						2.500	U
	25-Nov-08		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500		2.500	U	2.500						2.500	
	18-Dec-08	[illegible]	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500		2.500	U	2.500						[illegible]	
	21-Jan-09		2.500	U	2.500	U	[illegible]	U	[illegible]		2.500	U	2.500	U	2.500	U	[illegible]						[illegible]	
	25-Feb-09		2.500		2.500	U	[illegible]		NS		2.500	U	2.500		[illegible]		[illegible]						[illegible]	U
	26-Mar-09		[illegible]		0.315		0.679		0.540		0.164		[illegible]		[illegible]		0.198						0.138	
	29-Apr-09		0.088		0.192		0.678		0.829		[illegible]		0.088		[illegible]		[illegible]						0.088	
	22-Jul-09		0.378		0.088		0.427		0.138		[illegible]		0.270		0.295		0.241						[illegible]	
	9-Oct-09		[illegible]		0.452		0.478		[illegible]		[illegible]		[illegible]		0.221		0.241						[illegible]	
	15-Jan-10		0.385		0.290		2.192		[illegible]		0.088	U	0.088		0.088	U	0.088						[illegible]	
	21-Apr-10		0.118		[illegible]		2.100		2.600		[illegible]		0.187		0.182		0.172						0.088	
	16-Jul-10		0.113		0.088		0.138		[illegible]		[illegible]	U	[illegible]		[illegible]		0.088						0.088	
	15-Oct-10		[illegible]		0.172		0.123		[illegible]		[illegible]	U	[illegible]		0.088		[illegible]						0.088	
	30-Nov-10		NS		0.133		0.177		NS		NS		NS		0.088		NS						NS	
	28-Jan-11		[illegible]		[illegible]		0.180		[illegible]		[illegible]		[illegible]		0.282		[illegible]		[illegible]		[illegible]	U	[illegible]	
	28-Jan-11**		[illegible]		[illegible]		[illegible]		NS		NS		[illegible]		0.830		[illegible]						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	[illegible] Draft Proposed Indoor Residential Target Air Concentrations/Interim RIDEM Approved Action Level	Former Storage Rm	Q	Cafeteria	Q	Gymnasium	Q	Elevator Hallway	Q
1,2,4-[illegible]ethylbenzene	8-Feb-08	[illegible]	[illegible]900		[illegible]		[illegible]		1.[illegible]	
	[illegible]-Mar-08		1.330		1.5[illegible]		[illegible]39		3.2[illegible]	
	25-Apr-08		[illegible]998		[illegible]		[illegible]720		1.[illegible]	
	29-May-08		[illegible]300		[illegible]47[illegible]		[illegible]		6.880	
	[illegible]-Jun-08		[illegible]990		[illegible]441		2.1[illegible]		[illegible]040	
	[illegible]-Jul-08		1.[illegible]		1.880		1.990		[illegible]080	
	[illegible]-Aug-08		[illegible]438		1.430		[illegible]590		5.340	
	30-Sep-08		2.500	U	[illegible]500	U	2.500	U	7.000	U
	[illegible]-Oct-08		2.500	U	2.500	U	2.50[illegible]	U	3.500	
	[illegible]-Nov-08		2.500	U	2.500		2.50[illegible]	U	2.500	U
	18-Dec-08		2.500		[illegible]500		[illegible]500	U	2.500	U
	21-Jan-09		2.500		[illegible]500		2.500		2.500	U
	25-Feb-09		2.500	U	[illegible]500		[illegible]500		NS	
	25-Mar-09		[illegible]942		0.859		[illegible]500		1.300	
	29-Apr-09		1.520		0.38[illegible]		[illegible]340		1.200	
	22-Jul-09		1.010		0.21[illegible]		[illegible]140		0.339	
	[illegible]-Oct-09		1.240		1.080		1.250		1.490	
	15-Jan-[illegible]		0.809		0.56[illegible]		0.452		0.521	
	[illegible]-Apr-10		0.383		[illegible]84[illegible]		4.590		0.843	
	16-Jul-10		0.354		0.21[illegible]		0.398		0.344	
	15-Oct-10		[illegible]		0.408		0.329		0.211	
	30-Nov-10		NS		[illegible]334		0.590		NS	
	26-Jan-11		[illegible]010		1.120		1.100		1.200	
	[illegible]-Jan-11**		[illegible]		1.[illegible]		2.[illegible]		NS	
1,3-Dichlorobenzene	8-Feb-08	[illegible]	[illegible]120		0.120		0.120	U	0.120	U
	[illegible]-Mar-08		0.120	U	[illegible]120	U	0.120	U	0.120	U
	25-Apr-08		[illegible]120	U	[illegible]120		[illegible]120	U	0.120	U
	29-May-08		[illegible]120	U	0.120	U	[illegible]120	U	0.120	U
	27-Jun-08		[illegible]	U	0.120	U	0.120		0.120	U
	31-Jul-08		0.[illegible]	U	0.120	U	0.120	U	0.120	U
	28-Aug-08		0.120	U	0.120	U	[illegible]120	U	[illegible]402	U
	30-Sep-08		3.000	U	3.000	U	[illegible]000	U	[illegible]000	U
	27-Oct-08		3.000	U	3.000	U	3.000	U	[illegible]000	U
	25-Nov-08		3.000	U	3.000	U	3.000	U	2.500	U
	18-Dec-08		3.000	U	3.000	U	3.000	U	[illegible]000	U
	21-Jan-09		3.000	U	[illegible]000	U	3.000	U	[illegible]000	U
	25-Feb-09		3.000	U	3.000	U	3.000	U	NS	
	25-Mar-09		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
	[illegible]-Jul-09		0.120	U	0.120	U	0.120	U	0.120	U
	[illegible]-Oct-09		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
	21-Apr-10		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
	15-Oct-10		0.120	U	0.120	U	0.120	U	0.1[illegible]	U
	30-Nov-10		NS		0.120	U	0.120	U	NS	
	26-Jan-11		0.205	U	0.204	U	0.205	U	0.20[illegible]	U
	26-Jan-11**		NS		[illegible]300	U	[illegible]300	U	[illegible]	
1,4-Dichlorobenzene	8-Feb-08	1.0	0.120	U	0.120	U	0.120	U	0.120	U
	27-Mar-08		0.292		0.272		0.208		0.5[illegible]	
	25-Apr-08		0.415		0.287		0.126		0.247	
	29-May-08		0.[illegible]		0.120	U	0.120	U	0.120	U
	[illegible]-Jun-08		0.50[illegible]		0.178		0.3[illegible]		0.315	
	31-Jul-08		0.[illegible]		0.524		0.754		0.32[illegible]	
	28-Aug-08		0.1[illegible]		0.252		0.216		[illegible]282	
	30-Sep-08		[illegible]000	U	[illegible]000	U	3.000	U	[illegible]000	U
	27-Oct-08		3.000	U	3.000	U	3.000	U	3.000	U
	25-Nov-08		3.000	U	[illegible]000	U	[illegible]000	U	3.000	U
	18-Dec-08		[illegible]000	U	[illegible]000	U	[illegible]000	U	3.000	U
	21-Jan-09		[illegible]000	U	[illegible]000	U	[illegible]000	U	[illegible]000	U
	25-Feb-09		3.000		[illegible]000	U	[illegible]000	U	NS	
	25-Mar-09		0.14[illegible]		0.129		0.120	U	[illegible]120	U
	29-Apr-09		0.24[illegible]		0.144		0.180		1.740	
	22-Jul-09		0.1[illegible]		0.120		0.953		0.120	U
	8-Oct-09		7.380		0.402		0.3[illegible]		0.380	
	15-Jan-10		0.15[illegible]		0.1[illegible]		0.120		0.432	
	[illegible]-Apr-10		0.12[illegible]		0.180		0.120	U	0.156	
	16-Jul-10		1.580		0.483		0.637		0.308	
	15-Oct-10		[illegible]120		0.120		0.120	U	0.120	U
	30-Nov-10		NS		0.282		0.31[illegible]		NS	
	26-Jan-11		[illegible]20[illegible]		0.470		0.208		0.20[illegible]	U
	26-Jan-11**		[illegible]		[illegible]740		[illegible]30[illegible]	U	NS	
[illegible]	8-Feb-08	[illegible]	[illegible]740	U	2.740		[illegible]740	U	2.[illegible]	U
	27-Mar-08		2.740	U	2.740		[illegible]740	U	2.740	U
	25-Apr-08		2.740	U	2.740		2.740	U	2.740	U
	29-May-08		2.740	U	[illegible]740		2.740	U	2.740	U
	27-Jun-08		2.740		2.740		2.740	U	2.740	U
	31-Jul-08		2.740		2.740	U	2.740	U	2.740	U
	28-Aug-08		2.740		2.740		2.740	U	2.740	U
	[illegible]-Sep-08		5.500	U	5.500		5.500		5.500	U
	27-Oct-08		5.500		5.500		5.500	U	5.500	U
	25-Nov-08		5.500	U	5.500		5.500	U	5.500	U
	18-Dec-08		5.500		5.500		5.500	U	5.500	U
	21-Jan-09		5.500	U	5.500		5.500	U	[illegible]500	U
	25-Feb-[illegible]		5.500	U	5.500		[illegible]500	U	NS	
	25-Mar-09		2.740	U	2.740		[illegible]740	U	2.740	U
	29-Apr-09		[illegible]740	U	2.740	U	[illegible]480	U	2.740	U
	22-Jul-09		2.740	U	2.740	U	[illegible]740	U	2.740	U
	8-Oct-09		2.740	U	2.740	U	2.740	U	2.740	U
	15-Jan-10		2.740	U	2.740		2.740	U	2.740	U
	21-Apr-10		2.740	U	2.740	U	[illegible]740	U	2.740	U
	16-Jul-10		[illegible]740	U	2.740	U	[illegible]740	U	2.740	U
	15-Oct-10		[illegible]740		2.740	U	2.740	U	2.740	U
	30-Nov-10		NS		[illegible]	U	2.74	U	NS	
	26-Jan-11		0.4[illegible]	U	4.[illegible]	U	4.[illegible]	U	4.870	
	[illegible]-Jan-11**		[illegible]						[illegible]	

Sample Date	Room 118	Q	Room 2[illegible]	Q	Media Ctr (Rm 14[illegible])	Q	Room 15[illegible]	Q	Room 1[illegible]	Q	Room 2[illegible]4	Q	Ambient Outdoor	Q
8-Feb-08	[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
[illegible]-Mar-08	0.97[illegible]		[illegible]380		0.828		[illegible]						[illegible]	
25-Apr-08	0.9[illegible]		[illegible]134		0.911		[illegible]						[illegible]	
29-May-08	0.2[illegible]		[illegible]		0.[illegible]		11[illegible]						[illegible]	
[illegible]-Jun-08	0.534		0.24[illegible]		[illegible]722		[illegible]						[illegible]178	
[illegible]-Jul-08	0.959		1.94[illegible]		[illegible]207		[illegible]142						[illegible]	
[illegible]-Aug-08	0.842		0.481		[illegible]45[illegible]		[illegible]454						[illegible]354	
30-Sep-08	6.800		2.500		2.50[illegible]		[illegible]90						2.50[illegible]	
[illegible]-Oct-08	2.500		2.500		[illegible]500	U	2.500						2.50[illegible]	
[illegible]-Nov-08	2.500		2.500		[illegible]500		2.500	U					[illegible]500	
18-Dec-08	2.500	U	[illegible]500		[illegible]500		2.50[illegible]						[illegible]50[illegible]	
21-Jan-09	2.500	U	[illegible]500		2.50[illegible]		2.50[illegible]						[illegible]50[illegible]	
25-Feb-09	2.50[illegible]	U	[illegible]500		2.5[illegible]		2.500						2.50[illegible]	
25-Mar-09	0.5[illegible]		0.983		[illegible]737		0.564						[illegible]	
29-Apr-09	0.192		0.0[illegible]		0.1[illegible]		0.0[illegible]						0.142	
22-Jul-09	0.564		0.791		0.[illegible]		0.673						[illegible]994	
[illegible]-Oct-09	0.[illegible]		0.7[illegible]		0.772		0.717						[illegible]099	
15-Jan-[illegible]	0.2[illegible]		[illegible]19[illegible]		0.219		0.1[illegible]						0.19[illegible]	
[illegible]-Apr-10	0.570		0.545		0.427		0.476						[illegible]098	
16-Jul-10	0.290		0.13[illegible]		0.511		0.107						[illegible]	
15-Oct-10	0.0[illegible]		[illegible]		0.319		[illegible]						[illegible]	
30-Nov-10	NS		NS		0.0[illegible]		NS						NS	
26-Jan-11	[illegible]780		[illegible]		0.[illegible]		[illegible]03[illegible]		[illegible]		[illegible]		[illegible]994	
[illegible]-Jan-11**	[illegible]		[illegible]		2.00[illegible]		[illegible]						[illegible]	
8-Feb-08	0.120	U	0.120		0.120		[illegible]120						0.12[illegible]	U
[illegible]-Mar-08	0.120	U	[illegible]120		0.120	U	0.120						[illegible]12[illegible]	
25-Apr-08	0.120	U	[illegible]120		0.120	U	0.120						[illegible]120	
29-May-08	0.120	U	[illegible]120	U	0.120		0.120	U					0.120	
27-Jun-08	0.120	U	[illegible]120	U	0.402		0.120	U					0.1[illegible]	
31-Jul-08	0.120	U	0.120		0.120	U	0.120	U					0.12[illegible]	
28-Aug-08	[illegible]120	U	[illegible]120	U	[illegible]120	U	[illegible]120	U					[illegible]120	
30-Sep-08	[illegible]000	U	[illegible]000	U	[illegible]000	U	[illegible]000						[illegible]000	
27-Oct-08	[illegible]000	U	3.000	U	[illegible]000	U	[illegible]000						[illegible]000	
25-Nov-08	3.000	U	3.000	U	[illegible]000	U	[illegible]000	U					[illegible]000	U
18-Dec-08	[illegible]000	U	[illegible]000	U	3.000		3.000	U					[illegible]000	
21-Jan-09	[illegible]000	U	[illegible]000		[illegible]000		[illegible]000	U					[illegible]000	U
25-Feb-09	[illegible]000	U	3.000	U	[illegible]00[illegible]		[illegible]000						[illegible]00[illegible]	
25-Mar-09	0.120	U	0.120	U	0.12[illegible]	U	0.120						0.12[illegible]	
29-Apr-09	0.120	U	0.120	U	0.120	U	0.120	U					0.120	
[illegible]-Jul-09	0.120	U	0.120	U	0.120	U	0.120	U					0.120	
[illegible]-Oct-09	0.120	U	0.120	U	0.120		0.120	U					0.12[illegible]	
15-Jan-10	0.120	U	0.120	U	0.120		0.120	U					0.12[illegible]	U
21-Apr-10	0.120	U	0.120	U	0.120	U	0.120	U					0.12[illegible]	U
16-Jul-10	0.120	U	0.120	U	0.120	U	0.120						0.120	U
15-Oct-10	0.120		[illegible]120	U	0.12[illegible]	U	0.120						[illegible]	U
30-Nov-10	NS		NS		0.120	U	NS						NS	
26-Jan-11	0.20[illegible]	U	[illegible]204	U	0.204	U	0.20[illegible]		[illegible]204		[illegible]20[illegible]	U	[illegible]204	
26-Jan-11**	NS		[illegible]		0.30[illegible]	U	[illegible]						[illegible]	
8-Feb-08	0.12[illegible]		[illegible]120	U	[illegible]120		[illegible]120						[illegible]12[illegible]	
27-Mar-08	0.720		0.783		0.228		0.237						[illegible]120	
25-Apr-08	0.281		0.24[illegible]		0.208		0.220						0.222	
29-May-08	0.120	U	0.120	U	[illegible]120	U	0.120						0.120	
[illegible]-Jun-08	0.130		0.273		1.340		0.582						0.13[illegible]	
31-Jul-08	0.4[illegible]		0.[illegible]		0.272		0.320						0.2[illegible]	
28-Aug-08	0.205		[illegible]211		[illegible]202		0.222						[illegible]213	
30-Sep-08	3.000	U	[illegible]000	U	[illegible]000	U	3.000	U					[illegible]000	
27-Oct-08	[illegible]000	U	[illegible]000	U	3.000		[illegible]000	U					[illegible]000	U
25-Nov-08	3.000	U	[illegible]000	U	3.000	U	[illegible]000	U					[illegible]000	U
18-Dec-08	3.000	U	[illegible]000	U	[illegible]000	U	[illegible]000	U					[illegible]000	U
21-Jan-09	3.000	U	[illegible]000	U	3.000		[illegible]000	U					[illegible]000	U
25-Feb-09	3.000	U	[illegible]00[illegible]	U	3.000		3.000						[illegible]000	U
25-Mar-09	0.190		0.14[illegible]		0.204		0.190						0.12[illegible]	U
29-Apr-09	0.210		0.169		0.144		0.169						0.1[illegible]	
22-Jul-09	0.174		0.204		0.144		0.27[illegible]						0.444	
8-Oct-09	0.154		0.487		0.324		0.[illegible]						[illegible]	
15-Jan-10	0.190		0.1[illegible]		0.144		0.120						0.138	
[illegible]-Apr-10	0.190		0.15[illegible]		0.126		0.126						1.200	U
16-Jul-10	0.4[illegible]		0.[illegible]		11.4[illegible]		0.551						0.384	
15-Oct-10	0.12[illegible]		0.120		0.120	U	0.120						0.12[illegible]	U
30-Nov-10	NS		NS		0.120	U	NS						NS	
26-Jan-11	0.205	U	[illegible]		0.204	U	0.205	U	[illegible]204	U	[illegible]205	U	[illegible]204	
26-Jan-11**	[illegible]		NS		[illegible]300	U	NS						[illegible]	
8-Feb-08	2.740	U	[illegible]740	U	2.[illegible]		2.740						2.740	U
27-Mar-08	2.740	U	2.740		2.740	U	2.740	U					2.740	U
25-Apr-08	2.740	U	2.740		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
27-Jun-08	2.740	U	2.740	U	2.740	U	2.740	U					2.740	
31-Jul-08	2.740	U	2.740		2.740		2.740	U					2.740	
28-Aug-08	2.740	U	2.740		2.740		2.740	U					2.74[illegible]	
[illegible]-Sep-08	5.500		5.500		5.500	U	[illegible]600						5.50[illegible]	
27-Oct-08	5.500		5.500		5.500	U	5.500						5.500	
25-Nov-08	5.50[illegible]		5.500		5.500	U	5.500						5.50[illegible]	
18-Dec-08	5.500		5.500		5.500	U	5.500						5.50[illegible]	
21-Jan-09	5.500		5.500		5.500	U	[illegible]500						5.[illegible]	
25-Feb-[illegible]	5.500		5.500		5.500	U	5.500						[illegible]	
25-Mar-09	2.740		2.740	U	2.740		2.740						[illegible]	
29-Apr-09	2.740		2.740	U	2.74[illegible]		2.740						2.7[illegible]	
22-Jul-09	[illegible]740		2.740	U	2.74[illegible]		2.740	U					2.74[illegible]	
8-Oct-09	2.740		2.740	U	2.740		2.740	U					[illegible]	
15-Jan-10	[illegible]740		2.740	U	2.740		2.740	U					2.740	
21-Apr-10	[illegible]740		2.740	U	[illegible]740		2.740	U					2.74[illegible]	
16-Jul-10	2.740		2.740	U	[illegible]740		2.740						2.74[illegible]	
15-Oct-10	2.740		[illegible]740	U	2.740		[illegible]740						2.74[illegible]	
30-Nov-10	NS		NS		2.740		NS						NS	
26-Jan-11	4.[illegible]		4.[illegible]		4.[illegible]		4.[illegible]		4.[illegible]		4.[illegible]		4.[illegible]	
[illegible]-Jan-11**	NS		[illegible]				[illegible]						[illegible]	

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

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/Interim RCRA Approved Action Level	Kitchen Storage Rm	Q	Cafeteria	Q	Gymnasium	Q	Elevator Hallway	Q	Room 118	Q	Room 1[illegible]	Q	Multi-purpose Rm 14[illegible]	Q	Room 1[illegible]	Q	Room 14[illegible]	Q	Room 2[illegible]	Q	Ambient Outdoor	Q
[illegible]	8-Feb-08	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		2.74[illegible]		[illegible]						[illegible]	
	27-Mar-08		2.740		2.740	U	2.7[illegible]		2.740		2.74[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	25-Apr-08		2.740		2.740		[illegible]		2.740		2.7[illegible]		[illegible]		[illegible]		[illegible]						[illegible]	
	29-May-08		2.740		2.740		2.740		2.740	U	2.74	U	2.740		[illegible]		[illegible]						2.7[illegible]	
	27-Jun-08		2.740		2.740		2.740	U	2.740	U	2.74	U	2.740		2.7[illegible]		[illegible]						2.7[illegible]	
	31-Jul-08		2.740		2.740		2.740		2.740	U	2.74	U	2.740		2.7[illegible]		[illegible]						2.7[illegible]	
	28-Aug-08		2.740		2.740		2.7[illegible]	U	2.740	U	2.740		2.740	U	2.740		2.740						2.740	
	30-Sep-08		5.500	U	5.500	U	5.5	U	5.500	U	[illegible]		5.500	U	5.500		[illegible]7.000						5.500	
	27-Oct-08		5.500	U	5.500	U	5.500	U	5.500	U	5.5	U	5.500	U	5.50[illegible]		5.500						5.500	U
	25-Nov-08		5.500	U	5.500		5.500	U	5.500	U	5.500	U	5.500		5.50[illegible]		5.50[illegible]						5.50[illegible]	
	18-Dec-08		5.500	U	5.500		5.500	U	5.500	U	5.500	U	5.500	U	5.500		5.500						5.500	
	21-Jan-09		5.500	U	5.500	U	5.500	U	[illegible]500		5.500	U	5.500	U	5.500		5.500						5.500	
	25-Feb-09		[illegible]500	U	5.500	U	5.50[illegible]	U	NS		5.500	U	[illegible]500	U	5.500		5.500						5.500	U
	25-Mar-09		2.740	U	2.740	U	2.7[illegible]	U	2.740		2.740	U	[illegible]740	U	2.740		2.740						2.740	
	29-Apr-09		2.740	U	2.740	U	0.274	U	2.740	U	2.740	U	2.740	U	2.740		2.740						[illegible]740	
	22-Jul-09		2.740		2.740		1.880		2.740	U	2.740	U	2.740	U	2.740	U	2.740						[illegible]740	
	9-Oct-09		2.740		2.740		2.740	U	2.740	U	2.740	U	[illegible]740		2.740	U	2.740	U					2.740	
	15-Jan-10		2.740		2.740	U	2.740	U	2.740	U	2.740		[illegible]740	U	2.74[illegible]	U	[illegible]740	U					[illegible]740	
	21-Apr-10		2.740	U	2.740	U	2.740		2.740	U	2.740	U	2.740		2.74[illegible]	U	2.740	U					[illegible]740	
	16-Jul-10		2.740	U	2.740		2.740		[illegible]740	U	2.740	U	2.740		2.740		2.740	U					2.740	
	15-Oct-10		[illegible]	U	2.740		[illegible]740		[illegible]740		2.74[illegible]		[illegible]740		[illegible]740		[illegible]7[illegible]						2.7[illegible]	
	30-Nov-10		NS		2.74[illegible]		[illegible]740		NS		2.7[illegible]		NS		[illegible]740		NS						NS	
	28-Jan-11		[illegible]		4[illegible]		4[illegible]		4.670		4.6[illegible]		4.[illegible]		4.[illegible]		4.9[illegible]		4[illegible]		[illegible]		4.[illegible]	
	25-Jan-11**		[illegible]						NS		NS		[illegible]				NS						[illegible]	
1,2-[illegible]	8-Feb-08	[illegible]	0.120	U	0.120		[illegible]		0.120		0.120	U	[illegible]		0.120	U	[illegible]20						[illegible]	
	27-Mar-08		0.120	U	0.120		[illegible]		0.120		0.120	U	[illegible]120		[illegible]120		[illegible]20						0.12[illegible]	
	25-Apr-08		0.120	U	0.120		[illegible]120		0.120		0.120	U	[illegible]12		[illegible]120	U	0.12[illegible]						0.12[illegible]	
	29-May-08		[illegible]120	U	0.120		0.120	U	[illegible]12		0.120	U	[illegible]120	U	[illegible]120	U	0.12[illegible]						0.12[illegible]	
	27-Jun-08		[illegible]120	U	[illegible]120		[illegible]12		[illegible]12		0.1[illegible]	U	[illegible]20	U	[illegible]827		0.1[illegible]						0.120	
	31-Jul-08		[illegible]120		[illegible]120		[illegible]		0.1[illegible]		0.120	U	[illegible]120		0.12[illegible]		0.1[illegible]						[illegible]120	
	28-Aug-08		[illegible]120		[illegible]120		[illegible]12	U	[illegible]120	U	[illegible]120		[illegible]12	U	[illegible]1[illegible]		[illegible]120						[illegible]120	
	30-Sep-08		1.000		[illegible]000		1.000	U	[illegible]000	U	[illegible]000		[illegible]00		[illegible]000		1.000						1.00	
	27-Oct-08		1.000		1.000		1.00[illegible]	U	[illegible]000	U	3.00[illegible]		1.000		[illegible]00		1.000						1.00	
	25-Nov-08		[illegible]		[illegible]000		1.00[illegible]	U	[illegible]000	U	[illegible]000		1.000		[illegible]000		[illegible]000						[illegible]00	
	18-Dec-08		[illegible]000		1.00[illegible]	U	1.01[illegible]		[illegible]000	U	[illegible]000	U	[illegible]000		[illegible]0		1.000						1.000	
	21-Jan-09		[illegible]000		1.00[illegible]		1.000	U	[illegible]00		[illegible]000	U	1.000		1.00[illegible]		[illegible]000						1.000	
	25-Feb-09		[illegible]		1.000		1.000		NS		[illegible]000	U	[illegible]000	U	[illegible]00		1.000	U					[illegible]000	
	25-Mar-09		[illegible]12		0.120		0.120		0.120		0.120		[illegible]120	U	0.1[illegible]		[illegible]120						[illegible]120	
	29-Apr-09		[illegible]120		[illegible]120		0.900		0.120		0.120	U	[illegible]120		0.120		[illegible]120						[illegible]120	
	22-Jul-09		[illegible]120		[illegible]120		0.120		0.120		0.12[illegible]	U	[illegible]120	U	0.120		[illegible]120						0.120	
	9-Oct-09		0.120		[illegible]12[illegible]		0.120	U	0.120	U	0.12[illegible]		[illegible]120		0.120	U	0.120						0.120	
	15-Jan-10		0.120		[illegible]12	U	[illegible]120		0.120	U	0.12[illegible]		0.120	U	0.120		0.120						[illegible]120	U
	21-Apr-10		0.120	U	0.120		[illegible]120	U	0.120	U	0.12[illegible]	U	0.120	U	0.120		0.120						[illegible]120	U
	16-Jul-10		0.120	U	[illegible]12[illegible]		0.120		0.120	U	0.12[illegible]	U	0.120		0.120	U	0.120	U					[illegible]120	U
	15-Oct-10		[illegible]120		0.120	U	0.120		[illegible]120	U	[illegible]12[illegible]	U	[illegible]12[illegible]		0.120	U	[illegible]120						[illegible]	U
	30-Nov-10		NS		0.120	U	0.12[illegible]	U	NS		NS		NS		0.120	U	NS						NS	
	28-Jan-11		[illegible]205		0.204	U	0.20[illegible]	U	[illegible]20[illegible]	U	0.2[illegible]		[illegible]2[illegible]		0.204	U	0.20[illegible]	U	[illegible]		[illegible]	U	[illegible]204	
	25-Jan-11**		[illegible]		[illegible]	U	[illegible]	U	NS		[illegible]		[illegible]		[illegible]300	U	NS						[illegible]	
[illegible]	8-Feb-08	[illegible]	[illegible]40	U	2.740	U	[illegible]40	U	2.740		2.7[illegible]	U	2.740		2.740		[illegible]40						[illegible]	
	27-Mar-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	[illegible]740	U					2.740	
	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	
	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					2.74[illegible]	U
	27-Jun-08		2.740	U	2.740		[illegible]740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740						2.74[illegible]	U
	31-Jul-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740		2.740	U	2.740	U	2.740						2.740	U
	28-Aug-08		2.740	U	2.740	U	[illegible]740	U	2.740	U	2.740	U	2.740	U	2.740		2.740						2.740	U
	30-Sep-08		5.500	U	5.500	U	5.500	U	5.500	U	23.30[illegible]		5.500	U	5.500		73.0[illegible]						5.500	U
	27-Oct-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500		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		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		5.500	U	5.500	U					5.500	U
	21-Jan-09		5.500	U	5.500	U	5.500	U	[illegible]500	U	5.500	U	5.500		5.500		5.500	U					5.500	U
	25-Feb-09		5.500	U	5.500	U	6.300		NS		5.500	U	5.500		5.500		5.500	U					5.500	U
	25-Mar-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740		2.740						2.740	U
	29-Apr-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	[illegible]740		2.740	U	2.740						2.740	
	22-Jul-09		2.740	U	2.740	U	2.740	U	2.740		2.740	U	[illegible]740		2.740	U	[illegible]740						2.740	
	9-Oct-09		2.740	U	2.740	U	2.740	U	2.740		2.740	U	[illegible]740		[illegible]740		[illegible]74[illegible]						2.740	
	15-Jan-10		2.740	U	2.740	U	2.740	U	2.740		2.740	U	2.740	U	[illegible]740	U	2.74[illegible]						2.74[illegible]	
	21-Apr-10		2.740	U	2.740	U	2.740	U	2.740		2.740	U	2.740	U	2.740		2.740						2.7[illegible]	
	16-Jul-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740		2.740						2.740	
	15-Oct-10		2.7[illegible]	U	2.740		2.740	U	2.740		[illegible]740	U	[illegible]740		2.740		2.740						2.740	
	30-Nov-10		NS		2.740	U	2.740	U	NS		NS		NS		2.740		NS						NS	
	28-Jan-11		[illegible]47[illegible]		4[illegible]		4.[illegible]30	U	4.87[illegible]	U	4.6[illegible]	U	4.6[illegible]		4.680	U	4.680		4.[illegible]	U	4.690	U	4.6[illegible]	U
	25-Jan-11**		NS						NS		NS		[illegible]				NS						[illegible]	

Notes:

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

U - Designation indicating the compound was not detected by the laboratory. Reporting limit shown in the data column.

NS - not sampled

None - No Draft Proposed CT Residential TAC for the compound

* - Site Specific Compound of Concern per ATSDR Health Consultation, [illegible] 4, 2008

** - Analyzed by Con-Test Analytical Laboratory

[illegible] - Flagged Data is a result of inadvertent cross-contamination at the laboratory, and not resultant from soil vapor intrusion. Media Center/Room 145 was resampled on 29 January 2008 with Tetrachloroethylene concentration not detected by the laboratory (MDL = 0.14 ug/m3).

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

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	MP-9	Qual	MP-2	Qual	MP-3	Qual
Dichlorodifluoromethane	8-Feb-08	2 000		NS		NS		NS		2 030		NS		NS		NS		1 920		2 000		NS	
	27-Mar-08	NS		2 290		NS		NS		NS		2 150		NS		NS		NS		2 720		4 140	
	25-Apr-08	NS		NS		2 010		NS		NS		NS		2 110		NS		2 040		NS		2 180	
	29-May-08	NS		NS		NS		1 830		NS		NS		NS		NS		1 820		1 880		NS	
	27-Jun-08	2 030		NS		NS		NS		2 920		NS		NS		NS		NS		2 270		2 480	
	31-Jul-08	NS		1 800		NS		NS		NS		NS		NS		NS		1 810		NS		1 870	
	28-Aug-08	NS		NS		3 130		NS		NS		NS		2 800		NS		2 750		2 880		NS	
	30-Sep-08	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 500	U	2 700	
	27-Oct-08	2 500	U	NS		NS		NS		2 500	U	NS		NS		NS		2 500	U	NS		2 500	U
	25-Nov-08	NS		219 000		NS		NS		NS		11 700		NS		NS		2 500	U	9 100		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		NS		2 500	U	NS		2 500	U
	25-Feb-09	2 500	U	NS		NS		NS		18 400		NS		NS		NS		2 500	U	2 400		NS	
	26-Mar-09	NS		2 500		NS		NS		NS		2 480		NS		NS		NS		2 480		2 410	
	29-Apr-09	NS		NS		2 410		NS		NS		NS		3 780		NS		2 780		NS		2 400	
	22-Jul-09	2 420		NS		2 420		2 720		NS		2 500		NS		NS		2 370		2 480		NS	
	8-Oct-09	NS		2 730		NS		NS		2 770		NS		3 870		51 600	U	2 640		NS		2 780	
	15-Jan-10	2 500		NS		3 570		2 520		NS		2 810		NS		NS		2 280		2 250		NS	
	21-Apr-10	NS		9 960		NS		NS		2 700		NS		2 580		2 200		2 640		NS		2 430	
	16-Jul-10	3 380		NS		2 810		2 560		NS		2 880		NS		NS		3 190		3 290		NS	
	15-Oct-10	NS		3 130		NS		NS		2 870		NS		2 430		2 410		2 460		NS		2 430	
	26-Jan-11	2 470	U	2 700		NS		2 840		NS		1 880		NS		2 570		3 310		3 240		NS	
	28-Feb-11	NS		NS		2 470	U	NS		NS		NS		NS		NS		NS		NS		NS	
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		2 870		NS		NS		NS		3 240		NS		NS		NS		2 440	U	2 440	U
	25-Apr-08	NS		NS		2 440	U	NS		NS		NS		2 440	U	NS		2 440	U	NS		2 440	U
	29-May-08	NS		NS		NS		2 440	U	NS		NS		NS		2 440	U	2 440	U	NS		NS	
	27-Jun-08	3 800	U	NS		NS		NS		2 440	U	NS		NS		NS		NS		2 440	U	2 440	U
	31-Jul-08	NS		4 840		NS		NS		NS		NS		NS		NS		2 440	U	NS		2 440	U
	28-Aug-08	NS		NS		2 440	U	NS		NS		NS		2 440	U	NS		2 440	U	2 440	U	NS	
	30-Sep-08	NS		NS		NS		1 000	U	NS		NS		NS		1 000	U	NS		1 000	U	1 000	U
	27-Oct-08	1 000	U	NS		NS		NS		1 000	U	NS		NS		NS		1 100		NS		3 500	
	25-Nov-08	NS		1 000	U	NS		NS		NS		1 000	U	NS		NS		1 000	U	1 000	U	NS	
	18-Dec-08	NS		NS		1 000	U	NS		NS		NS		1 000	U	NS		NS		1 400		1 000	U
	21-Jan-09	NS		NS		NS		1 000	U	NS		NS		NS		NS		1 100		NS		1 000	U
	25-Feb-09	1 000		NS		NS		NS		1 000	U	NS		NS		NS		1 000	U	1 200		NS	
	26-Mar-09	NS		12 200	U	NS		NS		NS		24 400	U	NS		NS		NS		4 580		2 440	U
	29-Apr-09	NS		NS		22 400		NS		NS		NS		19 400		NS		2 440	U	NS		2 440	U
	22-Jul-09	18 900		NS		487 000	E	32 000		NS		41 900		NS		NS		2 440	U	6 290		NS	
	8-Oct-09	NS		2 440	U	NS		NS		2 440	U	NS		2 440	U	508 000	U	2 440	U	NS		2 440	U
	15-Jan-10	2 440	U	NS		2 780		2 440	U	NS		2 440		NS		NS		2 440	U	2 440	U	NS	
	21-Apr-10	NS		3 290		NS		NS		12 200	U	NS		12 200	U	12 200	U	2 440	U	NS		2 440	U
	16-Jul-10	1 370		NS		62 800		1 480		NS		7 790	U	NS		NS		1 020	U	1 030	U	NS	
	15-Oct-10	NS		1 030	U	NS		NS		1 030	U	NS		1 030	U	1 030	U	1 030	U	NS		1 030	U
	26-Jan-11	10 300	U	1 030	U	NS		1 030	U	NS		5 160	U	NS		5 160	U	5 160	U	5 160	U	NS	
	28-Feb-11	NS		NS		10 300	U	NS		NS		NS		NS		NS		NS		NS		NS	
Vinyl chloride*	8-Feb-08	0 050	U	NS		NS		NS		0 050	U	NS		NS		NS		0 050	U	0 050	U	NS	
	27-Mar-08	NS		0 051	U	NS		NS		NS		0 051	U	NS		NS		NS		0 051	U	0 051	U
	25-Apr-08	NS		NS		0 051	U	NS		NS		NS		0 760		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	0 050	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		0 100	U	NS		NS		NS		NS		0 100	U	NS		0 100		0 100	U
	27-Oct-08	0 100	U	NS		NS		NS		0 100	U	NS		NS		NS		0 100	U	NS		0 100	U
	25-Nov-08	NS		0 100	U	NS		NS		NS		0 100	U	NS		NS		0 100	U	0 100	U	NS	
	18-Dec-08	NS		NS		0 100	U	NS		NS		NS		0 100	U	NS		0 100	U	0 100	U	0 100	U
	21-Jan-09	NS		NS		NS		0 100	U	NS		NS		NS		0 100	U	0 100	U	NS		0 100	U
	25-Feb-09	0 100	U	NS		NS		NS		0 100	U	NS		NS		NS		0 100	U	0 100	U	NS	
	26-Mar-09	NS		0 295	U	NS		NS		0 511	U	NS		NS		NS		NS		0 051	U	0 051	U
	29-Apr-09	NS		NS		0 051		NS		NS		NS		0 051	U	NS		0 051	U	NS		0 051	U
	22-Jul-09	0 256	U	NS		0 256	U	0 511	U	NS		0 256	U	NS		NS		0 051	U	0 051	U	NS	
	8-Oct-09	NS		1 720		NS		NS		0 051	U	NS		0 102		10 700	U	0 051	U	NS		0 051	U
	15-Jan-10	0 051	U	NS		0 051		0 051	U	NS		0 051	U	NS		NS		0 051	U	0 051	U	NS	
	21-Apr-10	NS		0 051	U	NS		NS		0 256	U	NS		0 256	U	0 255	U	0 051	U	NS		0 051	U
	16-Jul-10	0 051	U	NS		1 940		0 051	U	NS		0 386	U	NS		NS		0 051	U	0 051	U	NS	
	15-Oct-10	NS		0 051	U	NS		NS		0 051	U	NS		0 051	U	0 051	U	0 051	U	NS		0 051	U
	26-Jan-11	0 511	U	0 051	U	NS		0 051	U	NS		0 256	U	NS		0 255	U	0 256	U	0 256	U	NS	
	28-Feb-11	NS		NS		0 511	U	NS		NS		NS		NS		NS		NS		NS		NS	
Chloroethane	8-Feb-08	0 050	U	NS		NS		NS		0 050	U	NS		NS		NS		0 050	U	0 050	U	NS	
	27-Mar-08	NS		0 053	U	NS		NS		NS		0 053	U	NS		NS		NS		0 053	U	0 053	U
	25-Apr-08	NS		NS		0 053	U	NS		NS		NS		0 139		NS		0 053	U	NS		0 053	U
	29-May-08	NS		NS		NS		0 100		NS		NS		NS		0 100		0 070		0 050	U	NS	
	27-Jun-08	0 052	U	NS		NS		NS		0 132		NS		NS		NS		NS		0 053	U	0 053	U
	31-Jul-08	NS		0 053	U	NS		NS		NS		NS		NS		NS		0 053	U	NS		0 053	U
	28-Aug-08	NS		NS		0 053	U	NS		NS		NS		0 153		NS		0 053	U	0 075		NS	
	30-Sep-08	NS		NS		NS		1 300	U	NS		NS		NS		1 300	U	NS		1 300	U	1 300	U
	27-Oct-08	1 300	U	NS		NS		NS		1 300	U	NS		NS		NS		NS		NS		1 800	
	25-Nov-08	NS		1 300	U	NS		NS		NS		1 300	U	NS		NS		1 300	U	1 300	U	NS	
	18-Dec-08	NS		NS		1 300	U	NS		NS		NS		1 300	U	NS		NS		1 300	U	1 300	U
	21-Jan-09	NS		NS		NS		1 300	U	NS		NS		NS		1 300	U	1 300	U	NS		1 300	U
	25-Feb-09	1 300	U	NS		NS		NS		1 300	U	NS		NS		NS		1 300	U	1 300	U	NS	
	26-Mar-09	NS		0 264	U	NS		NS		NS		0 527	U	NS		NS		NS		0 121		0 053	U
	29-Apr-09	NS		NS		0 137		NS		NS		NS		NS		0 053	U	NS		NS		0 053	U
	22-Jul-09	0 264	U	NS		10 800	U	0 527	U	NS		0 277		NS		NS		0 053	U	0 081		NS	
	8-Oct-09	NS		0 053	U	NS		NS		0 058		NS		0 406		11 000	U	0 053	U	NS		0 053	U
	15-Jan-10	0 053	U	NS		0 074		0 056		NS		0 053		NS		NS		0 053	U	0 053		NS	
	21-Apr-10	NS		0 074		NS		NS		0 264		NS		0 303		0 303		0 053	U	NS		0 110	
	16-Jul-10	0 100		NS		2 580		0 106		NS		0 386	U	NS		NS		0 053	U	0 087		NS	
	15-Oct-10	NS		0 053	U	NS		NS		0 052		NS		0 071		0 053	U	0 053	U	NS		0 053	U
	26-Jan-11	0 527	U	0 053	U	NS		0 077		NS		0 264	U	NS		0 264	U	0 264	U	0 264	U	NS	
	28-Feb-11	NS		NS		527	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	SMP 1	Qual	SMP 2	Qual	SMP 3	Qual
Acetone	8-Feb-08	17 200		NS		NS		NS		4 780	U	NS		NS		NS		9 820		11 400		NS	
	27-Mar-08	NS		28 700		NS		NS		NS		NS		NS		NS		NS		217 000		12 400	
	25-Apr-08	NS		NS		188 000		NS		NS		NS		513 000		NS		34 000		NS		33 800	
	29-May-08	NS		NS		NS		40 800		NS		NS		NS		92 000		9 820		18 400		NS	
	27-Jun-08	107 000		NS		NS		NS		149 000		NS		NS		NS		NS		20 400		8 730	
	31-Jul-08	NS		101 000		NS		NS		NS		NS		NS		NS		14 400		NS		18 100	
	28-Aug-08	NS		NS		1130 000		NS		NS		NS		30 600		NS		48 000		47 800		NS	
	30-Sep-08	NS		NS		NS		32 800		NS		NS		NS		44 100		NS		9 400		12 800	
	27-Oct-08	18 800		NS		NS		NS		15 000		NS		NS		NS		17 800		NS		33 300	
	25-Nov-08	NS		148 000		NS		NS		NS		183 000		NS		NS		13 000		24 700		NS	
	18-Dec-08	NS		NS		858 000		NS		NS		NS		10 400		NS		NS		37 200		22 000	
	21-Jan-09	NS		NS		NS		18 100		NS		NS		NS		8 100		2 400	U	NS		4 800	
	25-Feb-09	28 800		NS		NS		NS		80 800		NS		NS		NS		8 500		8 300		NS	
	26-Mar-09	NS		102 000		NS		NS		NS		47 500	U	NS		NS		NS		50 600		64 800	
	29-Apr-09	NS		NS		1890 000		NS		NS		NS		23 300		NS		9 150		NS		22 100	
	22-Jul-09	56 800		NS		58.5		148 000		NS		87 800		NS		NS		98 000		88 100		NS	
	8-Oct-09	NS		25 700		NS		NS		48 700		NS		8 200		11 100 000		8 610		NS		18 800	
	15-Jan-10	33 600		NS		80 800		22 800		NS		28 300		NS		NS		12 800		11 200		NS	
	21-Apr-10	NS		21 800		NS		NS		208 000		NS		283 000		2070 000		72 800		NS		73 400	
	16-Jul-10	854 000		NS		4800 000		202 000		NS		11 400 000		NS		NS		8 340		21 100		NS	
	15-Oct-10	NS		11 300		NS		NS		29 000		NS		10 700		18 300		7 030		NS		21 200	
	26-Jan-11	114 000		28 800		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	
Trichlorofluoromethane	8-Feb-08	1 220		NS		NS		NS		1 220		NS		NS		NS		1 080		15 800		NS	
	27-Mar-08	NS		1 270		NS		NS		NS		1 180		NS		NS		NS		12 000		8 020	
	25-Apr-08	NS		NS		1 180		NS		NS		NS		9 200		NS		1 480		NS		3 830	
	29-May-08	NS		NS		NS		13 500		NS		NS		NS		0.980		1 080		10 600		NS	
	27-Jun-08	1 290		NS		NS		NS		75 200		NS		NS		NS		NS		8 850		8 860	
	31-Jul-08	NS		1 010		NS		NS		NS		NS		NS		NS		0.858		NS		5 100	
	28-Aug-08	NS		NS		2 530		NS		NS		NS		18 000		NS		1 790		15 800		NS	
	30-Sep-08	NS		NS		NS		53 800		NS		NS		NS		2 400	U	NS		14 900		10 400	
	27-Oct-08	2 800	U	NS		NS		NS		44 400		NS		NS		NS		6 100		NS		2 800	U
	25-Nov-08	NS		10 000		NS		NS		NS		12 200		NS		NS		2 800	U	34 000		NS	
	18-Dec-08	NS		NS		2 800	U	NS		NS		NS		4 800		NS		NS		4 800		7 100	
	21-Jan-09	NS		NS		NS		28 800		NS		NS		NS		7 200		2 800	U	NS		10 400	
	25-Feb-09	2 800	U	NS		NS		NS		14 800		NS		NS		NS		2 800	U	7 100		NS	
	26-Mar-09	NS		1 430		NS		NS		NS		2 810	U	NS		NS		NS		18 800		10 300	
	29-Apr-09	NS		NS		1 450		NS		NS		NS		4 230		NS		1 370		NS		3 170	
	22-Jul-09	1 480		NS		1 480		18 800		NS		3 420		NS		NS		1 290		4 480		NS	
	8-Oct-09	NS		0.156		NS		NS		20 000		NS		11 000		58 400	U	1.65		NS		9 320	
	15-Jan-10	1 380		NS		2 100		18 800		NS		1 780		NS		NS		1 340		15 400		NS	
	21-Apr-10	NS		0.468		NS		NS		10 100		NS		4 830		1 400	U	4 980		NS		9 470	
	16-Jul-10	2 800		NS		1 840		16 400		NS		2 120	U	NS		NS		2 230		19 800		NS	
	15-Oct-10	NS		6 630		NS		NS		72 200		NS		13 700		5 880		8 880		NS		10 000	
	26-Jan-11	2 810	U	1 160		NS		13 800		NS		1 400	U	NS		1 400	U	1 710		28 000		NS	
	28-Feb-11	NS		NS		2 810	U	NS		NS		NS		NS		NS		NS		NS		NS	
Acrylonitrile	8-Feb-08	1 080	U	NS		NS		NS		1 080	U	NS		NS		NS		1 080	U	1 080	U	NS	
	27-Mar-08	NS		1 080	U	NS		NS		NS		NS		NS		NS		NS		1 080	U	1 080	U
	25-Apr-08	NS		NS		1 080	U	NS		NS		NS		1 080	U	NS		1 080	U	NS		1 080	U
	29-May-08	NS		NS		NS		1 080	U	NS		NS		NS		1 080	U	1 080	U	1 080	U	NS	
	27-Jun-08	1 080	U	NS		NS		NS		1 080	U	NS		NS		NS		NS		1 080	U	1 080	U
	31-Jul-08	NS		1 080	U	NS		NS		NS		NS		NS		NS		1 080	U	NS		1 080	U
	28-Aug-08	NS		NS		1 080	U	NS		NS		NS		1 080	U	NS		1 080	U	1 080	U	NS	
	30-Sep-08	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		2 200		2 200	U
	27-Oct-08	2 200	U	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		2 200	U
	25-Nov-08	NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U	2 200	U	NS	
	18-Dec-08	NS		NS		2 200	U	NS		NS		NS		2 200	U	NS		NS		2 200	U	2 200	U
	21-Jan-09	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	2 200	U	NS		2 200	U
	25-Feb-09	2 200	U	NS		NS		NS		2 200	U	NS		NS		NS		2 200	U	2 200	U	NS	
	26-Mar-09	NS		8 420	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		8 420	U	10 800	U	NS		6 420	U	NS		NS		1 080	U	1 080	U	NS	
	8-Oct-09	NS		0.081	U	NS		NS		1 080	U	NS		1 080	U	228 000	U	1 080	U	NS		1 080	U
	15-Jan-10	1 080	U	NS		1 080	U	1 080	U	NS		1 080	U	NS		NS		1 080	U	1 080	U	NS	
	21-Apr-10	NS		1 080	U	NS		NS		5 420	U	NS		8 420	U	6 420	U	1 080	U	NS		1 080	U
	16-Jul-10	1 080	U	NS		1 080	U	1 080	U	NS		8 180	U	NS		NS		1 080	U	1 080	U	NS	
	15-Oct-10	NS		0.108	U	NS		NS		1 080	U	NS		1 080	U	1 080	U	1 080	U	NS		1 080	U
	26-Jan-11	10 800	U	1 080	U	NS		1 080	U	NS		5 420	U	NS		8 420	U	5 420	U	5 420	U	NS	
	28-Feb-11	NS		NS		10 800	U	NS		NS		NS		NS		NS		NS		NS		NS	
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		0.079	U	NS		NS		NS		0.078	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		0.078	U
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	0.080	U	NS	
	27-Jun-08	0.123	U	NS		NS		NS		0.079	U	NS		NS		NS		NS		0.079	U	0.079	U
	31-Jul-08	NS		0.079	U	NS		NS		NS		NS		NS		NS		0.079	U	NS		0.079	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.078	U	NS		0.079	U	0.079	U	NS	
	30-Sep-08	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		2 000	U	2 000	U
	27-Oct-08	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		2 000	U
	25-Nov-08	NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U	NS	
	18-Dec-08	NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U
	21-Jan-09	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	2 000	U	NS		2 000	U
	25-Feb-09	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	2 000	U	NS	
	26-Mar-09	NS		0.396	U	NS		NS		NS		0.792	U	NS		NS		NS		0.079	U	0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	22-Jul-09	0.398	U	NS		10 200	U	0.792	U	NS		0.398	U	NS		NS		0.078	U	0.079	U	NS	
	8-Oct-09	NS		0.078	U	NS		NS		0.079	U	NS		0.079	U	18 500	U	0.079	U	NS		0.079	U
	15-Jan-10	0.137	U	NS		0.079	U	0.079	U	NS		0.079	U	NS		NS		0.078	U	0.079	U	NS	
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		0.398	U	0.398	U	0.079	U	NS		0.079	U
	16-Jul-10	0.078	U	NS		0.208		0.079	U	NS		0.396	U	NS		NS		0.079	U	0.079	U	NS	
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.078	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.396	U	NS		3 960	U	0.398	U	0.398	U	NS	
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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		MP-1		MP-2		MP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
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
	29-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		NS		1 740	U	2 810		1 740	U
	27-Jun-08	4 330	U	NS		NS		NS		3 480		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
	29-Aug-08	NS		NS		1 740	U	NS		NS		NS		1 740	U	NS		1 740	U	1 740	U	NS	
	30-Sep-08	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	1 700	U	1 700	U	1 700	U
	27-Oct-08	1 700	U	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	NS		1 700	U
	25-Nov-08	NS		1 700	U	NS		NS		NS		1 700	U	NS		NS		1 700	U	1 700	U	NS	
	18-Dec-08	NS		NS		1 700	U	NS		NS		NS		1 700	U	NS		1 700	U	NS		1 700	U
	21-Jan-09	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	1 700	U	NS		1 700	U
	25-Feb-09	1 700	U	NS		NS		NS		1 700	U	NS		NS		NS		1 700	U	1 700	U	NS	
	26-Mar-09	NS		16 100		NS		NS		NS		17 400	U	NS		NS		NS		1 740	U	1 800	
	29-Apr-09	NS		NS		1 740	U	NS		NS		NS		1 740	U	NS		1 740	U	NS		1 740	U
	22-Jul-09	88 800	U	NS		8 880	U	17 400	U	NS		8 880	U	NS		NS		1 740	U	1 740	U	NS	
	8-Oct-09	NS		1 740	U	NS		NS		1 740	U	NS		1 740	U	362 000	U	1 740	U	NS		1 740	U
	15-Jan-10	1 740	U	NS		1 740	U	1 740	U	NS		1 740	U	NS		NS		1 740	U	1 740	U	NS	
	21-Apr-10	NS		1 740	U	NS		NS		8 880	U	NS		8 880	U	1 740	U	NS		NS		1 740	
	16-Jul-10	24 000		NS		21 900		18 000		NS	U	26 700	U	NS		NS		27 1		26 900		NS	
	15-Oct-10	NS		3 470	U	NS		NS		3 470	U	NS		3 470	U	3 470	U	3 470	U	NS		3 470	U
	26-Jan-11	34 700	U	3 470	U	NS		3 470	U	NS		0 404	U	NS		17 400	U	17 400	U	17 400	U	NS	
	28-Feb-11	NS		NS		34 700	U	NS		NS		NS		NS		NS		NS		NS		NS	
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
	29-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		NS		0 080	U	0 080	U	NS	
	27-Jun-08	0 123	U	NS		NS		NS		0 079	U	NS		NS		NS		NS		0 079	U	0 079	U
	31-Jul-08	NS		0 079	U	NS		NS		NS		NS		NS		NS		0 079	U	NS		0 079	U
	29-Aug-08	NS		NS		0 079	U	NS		NS		NS		0 079	U	NS		0 079	U	0 079	U	NS	
	30-Sep-08	NS		NS		2 000	U	NS		NS		NS		NS		NS		2 000	U	NS		2 000	U
	27-Oct-08	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		NS		2 000	U	NS	
	25-Nov-08	NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	NS		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	NS	
	26-Mar-09	NS		0 396	U	NS		NS		NS		0 792	U	NS		NS		NS		0 079	U	0 079	U
	29-Apr-09	NS		NS		0 079	U	NS		NS		NS		0 079	U	NS		0 079	U	NS		0 079	U
	22-Jul-09	0 396	U	NS		0 396	U	0 792	U	NS		0 396	U	NS		NS		0 079	U	0 079	U	NS	
	8-Oct-09	NS		0 079	U	NS		NS		0 079		NS		0 079	U	16 900	U	0 079	U	NS		0 079	U
	15-Jan-10	0 079		NS		0 079		0 079		NS		0 079	U	NS		NS		0 079	U	0 079	U	NS	
	21-Apr-10	NS		0 079	U	NS		NS		0 396	U	NS		3 960	U	0 396	U	0 079	U	NS		0 079	U
	16-Jul-10	0 079	U	NS		0 079	U	0 079	U	NS		0 198	U	NS		NS		0 079	U	0 079	U	NS	
	15-Oct-10	NS		0 079	U	NS		NS		0 079	U	NS		0 079	U	NS		0 079	U	NS		0 079	U
	26-Jan-11	0 792	U	0 079	U	NS		0 079	U	NS		0 396	U	NS		0 396	U	0 396	U	0 396	U	NS	
	28-Feb-11	NS		NS		0 792	U	NS		NS		NS		NS		NS		NS		NS		NS	
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		0 081	U	NS		NS		NS		0 081	U	NS		NS		NS		0 081	U	0 081	U
	29-Apr-08	NS		NS		0 081	U	NS		NS		NS		0 081	U	NS		0 081	U	NS		0 081	U
	29-May-08	NS		NS		NS		0 080	U	NS		NS		NS		NS		0 080	U	0 080	U	NS	
	27-Jun-08	0 179	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		NS		0 081	U	NS	
	29-Aug-08	NS		NS		0 081	U	NS		NS		NS		0 081	U	NS		0 081	U	0 081	U	NS	
	27-Oct-08	NS		NS		NS		2 000	U	NS		NS		NS		NS		2 000	U	NS		2 000	U
	27-Oct-08	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		2 000	U
	25-Nov-08	NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U	NS	
	18-Dec-08	NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U
	21-Jan-09	NS		NS		2 000	U	NS		NS		NS		NS		2 000	U	2 000	U	NS		2 000	U
	25-Feb-09	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	2 000	U	NS	
	26-Mar-09	NS		0 404	U	NS		NS		NS		0 808	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		16 700	U	0 801	U	NS		0 404	U	NS		NS		0 081	U	0 081	U	NS	
	8-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		0 811	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	0 808	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		0 808	U	NS		NS		NS		NS		NS		NS		NS		NS	
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		0 185		0 124	
	29-Apr-08	NS		NS		0 072	U	NS		NS		NS		NS		0 072	U	NS		NS		0 079	
	29-May-08	NS		NS		NS		0 070	U	NS		NS		NS		NS		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-Jun-08	NS		0 072	U	NS		NS		NS		NS		NS		NS		NS		0 072	U	NS	
	29-Aug-08	NS		NS		0 108		NS		NS		NS		0 072	U	NS		0 072	U	0 140		NS	
	30-Sep-08	NS		NS		NS		1 800	U	NS		NS		NS		NS		NS		NS		1 800	U
	27-Oct-08	1 800	U	NS		NS		NS		2 800		NS		NS		NS		3 200		NS		5 800	
	25-Nov-08	NS		1 800	U	NS		NS		NS		1 800	U	NS		NS		1 800	U	1 800	U	NS	
	18-Dec-08	NS		NS		1 800	U	NS		NS		NS		NS		NS		NS		1 800	U	1 800	U
	21-Jan-09	NS		NS		NS		1 800	U	NS		NS		NS		NS		1 800	U	1 800	U	NS	
	25-Feb-09	5 800		NS		NS		NS		1 800	U	NS		NS		NS		1 800	U	1 800	U	NS	
	26-Mar-09	NS		0 360	U	NS		NS		NS		0 720	U	NS		NS		NS		0 072	U	0 072	U
	29-Apr-09	NS		NS		0 072	U	NS		NS		NS		0 072	U	NS		0 072	U	NS		0 072	U
	22-Jul-09	0 360	U	NS		0 360	U	0 720	U	NS		0 360	U	NS		NS		0 072	U	0 072	U	NS	
	8-Oct-09	NS		0 072	U	NS		NS		0 072	U	NS		0 072	U	15 000	U	0 072	U	NS		0 083	
	15-Jan-10	0 079		NS		0 072	U	0 072	U	NS		0 072	U	NS		NS		0 072	U	0 072	U	NS	
	21-Apr-10	NS		0 072	U	NS		NS		0 360	U	NS		3 600	U	0 360	U	0 072	U	NS		0 072	U
	16-Jul-10	0 072	U	NS		0 072	U	0 072	U	NS		0 544	U	NS		NS		0 072	U	0 072	U	NS	
	15-Oct-10	NS		0 072	U	NS		NS		0 072	U	NS		0 072	U	0 072	U	0 072	U	NS		0 072	U
	26-Jan-11	0 720	U	0 072	U	NS		0 072	U	NS		0 360	U	NS		0 360	U	0 360	U	0 360	U	NS	
	28-Feb-11	NS		NS		0 720	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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		MP-1		MP-2		MP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
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		3 800	
	25-Apr-08	NS		NS		477 000		NS		NS		NS		1680 000		NS		2 340		NS		1 470	U
	29-May-08	NS		NS		NS		527 000		NS		NS		NS		581 000		2 370		3 040		NS	
	27-Jun-08	1080 000		NS		NS		NS		596 000		NS		NS		NS		NS		8 820		3 640	
	31-Jul-08	NS		1380 000		NS		NS		NS				NS		NS		12 000		NS		2 580	
	28-Aug-08	NS		NS		8360 000		NS		NS		NS		102 000		NS		5 290		9 180		NS	
	30-Sep-08	NS		NS		NS		101 000		NS		NS		NS		194 000		NS		2 060		1 500	U
	27-Oct-08	53 800		NS		NS		NS		30 800		NS		NS		NS		2 460		NS		5 700	
	25-Nov-08	NS		872 000		NS		NS		NS		298 000		NS		NS		1 800		2 460		NS	
	18-Dec-08	NS		NS		5630 000		NS		NS		NS		NS		NS		3 200		NS		3 300	
	21-Jan-09	NS		NS		NS		208 000		NS		NS		NS		24 000		1 800	U	NS		1 500	U
	25-Feb-09	30 000		NS		NS		NS		198 000		NS		NS		NS		1 500	U	1 500	U	NS	
	26-Mar-09	NS		926 000		NS		NS		NS		28 100		NS		NS		NS		2 880		3 020	
	29-Apr-09	NS		NS		12400 000		NS		NS		NS		38 100		NS		1 470	U	NS		3 080	
	22-Jul-09	433 000		NS		433 000		410 000		NS		151 000		NS		NS		21 600		2 800		NS	
	8-Oct-09	NS		288 000		NS		NS		1 470	U	19 100		NS		22700 000		2 780		NS		12 600	
	15-Jun-10	28 800		NS		826 000		84 100		NS		18 400		NS		NS		2 840		1 800		NS	
	21-Apr-10	NS		8 440		NS		NS		7 370	U	34 800		1840 000		16 800		NS		NS		14 500	
	16-Jul-10	5320 000		NS		21000 000		441 000		NS		10400 000		NS		NS		1 540		2 800		NS	
	15-Oct-10	NS		117 000		NS		NS		44 800		NS		2 850		18 200		1 470	U	NS		1 820	
	26-Jan-11	840 000		22 300		NS		16 900		NS		7 370	U	NS		50 400		7 370	U	7 370	U	NS	
	28-Feb-11	NS		NS		829 000		NS		NS		NS		NS		NS		NS		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		0 078	U	NS		NS		NS		NS		0 079	U	NS		0 079	U	NS	
	29-May-08	NS		NS		NS		NS		0 080		NS		NS		NS	U	0 080	U	0 080	U	NS	
	27-Jun-08	0 123	U	NS		NS		NS		0 079	U	NS		NS		NS		NS		0 079	U	0 079	U
	31-Jul-08	NS		0 078	U	NS		NS		NS		NS		NS		NS		0 079	U	NS		0 079	U
	28-Aug-08	NS		NS		0 079	U	NS		NS		NS		NS		NS		0 079	U	0 079	U	NS	
	30-Sep-08	NS		NS		NS		5 900	U	NS		NS		NS		NS	U	NS		5 900	U	5 900	U
	27-Oct-08	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		2 000	U
	25-Nov-08	NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U	NS	
	18-Dec-08	NS		NS		2 000	U	NS		NS		NS		2 000	U	NS		NS		2 000	U	2 000	U
	21-Jan-09	NS		NS		NS		2 000	U	NS		NS		NS		NS	U	2 000	U	NS		2 000	U
	25-Feb-09	2 000	U	NS		NS		NS		2 000	U	NS		NS		NS		2 000	U	2 000	U	NS	
	26-Mar-09	NS		0 396	U	NS		NS		NS		0 792	U	NS		NS		NS		0 079	U	0 079	U
	29-Apr-09	NS		NS		0 079	U	NS		NS		NS		0 079	U	NS		0 079	U	NS		0 079	U
	22-Jul-09	0 396	U	NS		396 000		0 792	U	NS		0 396	U	NS		NS		0 079	U	0 079	U	NS	
	8-Oct-09	NS		0 079	U	NS		NS		0 079	U	NS		0 079	U	18 500	U	0 079	U	NS		0 079	U
	15-Jun-10	0 079	U	NS		0 079	U	0 079	U	NS		0 079	U	NS		NS		0 079	U	0 079	U	NS	
	21-Apr-10	NS		0 079	U	NS		NS		0 396	U	NS		0 396	U	0 396	U	0 079	U	NS		0 079	U
	16-Jul-10	0 079	U	NS		0 079	U	0 079	U	NS		0 396	U	NS		NS		0 079	U	0 079	U	NS	
	15-Oct-10	NS		0 079	U	NS		NS		0 079	U	NS		0 079	U	0 079	U	NS		NS		0 079	U
	26-Jan-11	0 792	U	0 079	U	NS		0 079	U	NS		0 396	U	NS		0 396	U	0 396	U	0 396	U	NS	
	28-Feb-11	NS		NS		0 792	U	NS		NS		NS		NS		NS		NS		NS		NS	
Chloroform	8-Feb-08	0 100	U	NS		NS		NS		NS	U	NS		NS		NS		0 120		0 120		NS	
	27-Mar-08	NS		0 098	U	NS		NS		NS		0 125		NS		NS		NS		0 463		0 847	
	25-Apr-08	NS		NS		0 231		NS		NS		NS		9 203		NS		0 134		NS		0 249	
	29-May-08	NS		NS		NS		0 140		NS		NS		NS		NS		0 100	U	0 140		NS	
	27-Jun-08	0 263		NS		NS		NS		0 623		NS		NS		NS		NS		0 305		0 395	
	31-Jul-08	NS		0 145		NS		NS		NS		NS		NS		NS		NS		0 122		0 124	
	28-Aug-08	NS		NS		0 098	U	NS		NS		NS		NS		1 200		NS		0 331		NS	
	30-Sep-08	NS		NS		NS		0 490	U	NS		NS		NS		NS	U	0 490	U	0 490	U	0 490	U
	27-Oct-08	0 480	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		NS		0 240	U	NS		0 240	U	0 240	U
	21-Jan-09	NS		NS		NS		0 240	U	NS		NS		NS		NS	U	0 240	U	NS		0 240	U
	25-Feb-09	0 240	U	NS		NS		NS		0 240	U	NS		NS		NS		0 240	U	0 240	U	NS	
	26-Mar-09	NS		0 488	U	NS		NS		NS		1 290		NS		NS		NS		0 269		0 293	
	29-Apr-09	NS		NS		0 098	U	NS		NS		NS		9 136		NS		0 098	U	NS		1 340	
	22-Jul-09	0 488	U	NS		19 600	U	0 976	U	NS		0 488	U	NS		NS		0 429		0 220		NS	
	8-Oct-09	NS		0 205		NS		NS		0 293		NS		0 268		20 400	U	0 317		NS		0 312	
	15-Jun-10	0 179		NS		7 220		0 146		NS		0 190		NS		NS	U	0 098	U	0 185		NS	
	21-Apr-10	NS		0 098	U	NS		NS		0 488	U	NS		0 488	U	0 488	U	0 220		NS		0 200	
	16-Jul-10	0 361		NS		0 098	U	0 215		NS		0 737	U	NS		NS	U	0 205	U	0 348		NS	
	15-Oct-10	NS		0 171		NS		NS		0 390		NS		0 854		0 117		0 102		NS		0 189	
	26-Jan-11	2 780		0 123		NS		0 161		NS		0 488	U	NS		0 488	U	0 488	U	0 488	U	NS	
	28-Feb-11	NS		NS		0 976	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,2-Dichloroethane	8-Feb-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		0 080		0 080	U	NS	
	27-Mar-08	NS		0 081	U	NS		NS		NS		0 143		NS		NS		NS		0 081	U	0 100	
	25-Apr-08	NS		NS		0 081	U	NS		NS		NS		0 089	U	NS		0 081	U	NS		0 088	
	29-May-08	NS		NS		NS		0 080		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		NS		0 080	U	NS		0 080	U
	27-Oct-08	0 080	U	NS		NS		NS		0 080	U	NS		NS		NS		NS		0 080	U	0 080	U
	25-Nov-08	NS		0 080	U	NS		NS		NS		0 080	U	NS		NS		0 080	U	0 080	U	NS	
	18-Dec-08	NS		NS		0 080	U	NS		NS		NS		NS		0 080	U	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		NS		0 080	U	NS	
	26-Mar-09	NS		0 404	U	NS		NS		NS		0 809	U	NS		NS		NS		0 099		0 133	
	29-Apr-09	NS		NS		0 319		NS		NS		NS		0 081	U	NS		0 081	U	NS		0 088	
	22-Jul-09	0 404	U	NS		16 900	U	0 809	U	NS		0 404	U	NS		NS		0 081	U	0 081	U	NS	
	8-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-Jun-10	0 089	U	NS		0 081	U	0 081	U	NS		0 081	U	NS		NS	U	0 081	U	0 081	U	NS	
	21-Apr-10	NS		0 081	U	NS		NS		0 404	U	NS		0 404	U	0 404	U	0 081	U	NS		0 081	U
	16-Jul-10	0 101		NS		1 440		0 081	U	NS		0 811	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	0 089	U	0 081	U	NS		0 081	U	NS		0 404	U	NS		0 404	U	0 404	U	0 404	U	NS	
	28-Feb-11	NS		NS		0 809	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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		MP-1		MP-2		MP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,1,1-Trichloroethane*	8-Feb-08	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		0.180	U	0.580		NS	
	27-Mar-08	NS		0.108	U	NS		NS		NS		0.108	U	NS		NS		NS		0.822		0.268	
	25-Apr-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.119	
	29-May-08	NS		NS		NS		0.120		NS		NS		NS		0.115	U	0.110	U	0.540		NS	
	27-Jun-08	0.170	U	NS		NS		NS		0.456		NS		NS		NS		NS		0.377		0.139	
	31-Jul-08	NS		0.108	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		2.700	U	NS		2.700	U	NS		2.700	U	2.700	U	2.700	U	NS	
	26-Mar-09	NS		1.590		NS		NS		NS		1.080	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	
	8-Oct-09	NS		0.109	U	NS		NS		0.154		NS		0.191		22.800	U	0.109	U	NS		0.136	
	15-Jan-10	0.109	U	NS		0.109	U	1.090	U	NS		0.109	U	NS		NS		0.109	U	0.682		NS	
	21-Apr-10	NS		0.108	U	NS		NS		0.545	U	NS		0.545	U	0.545	U	0.109	U	NS		1.090	U
	18-Jul-10	0.109	U	NS		0.109	U	0.109	U	NS		0.274	U	NS		NS		0.109	U	0.582		NS	
	15-Oct-10	NS		0.272		NS		NS		0.349		NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jan-11	1.090	U	0.108	U	NS		0.109	U	NS		0.545	U	NS		0.545	U	0.545	U	0.845		NS	
	28-Feb-11	NS		NS		1.090	U	NS		NS		NS		NS		NS		NS		NS		NS	
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		0.798		0.835	
	25-Apr-08	NS		NS		0.584		NS		NS		NS		0.745		NS		0.428		NS		0.538	
	29-May-08	NS		NS		NS		0.730		NS		NS		NS		1.030		0.720		0.810		NS	
	27-Jun-08	0.626		NS		NS		NS		0.466		NS		NS		NS		NS		0.498		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		0.819		0.682		NS	
	30-Sep-08	NS		NS		NS		1.800	U	NS		NS		NS		1.800	U	NS		NS	U	1.800	U
	27-Oct-08	1.800	U	NS		NS		NS		1.800	U	NS		NS		NS		1.800	U	NS	U	1.800	U
	25-Nov-08	NS		1.800	U	NS		NS		NS		1.800	U	NS		NS		1.800	U	1.800	U	NS	
	18-Dec-08	NS		NS		1.800	U	NS		NS		NS		NS		1.800	U	NS		1.800	U	1.800	U
	21-Jan-09	NS		NS		NS		1.800	U	NS		NS		NS		NS		1.800	U	NS	U	1.800	U
	25-Feb-09	1.800	U	NS		NS		NS		1.800	U	NS		NS		NS		1.800	U	1.800	U	NS	
	26-Mar-09	NS		2.650		NS		NS		NS		2.231	U	NS		NS		NS		0.945		1.480	
	29-Apr-09	NS		NS		0.803		NS		NS		NS		0.248		NS		0.223	U	NS		0.367	
	22-Jul-09	1.120	U	NS		58.000		2.230	U	NS		1.450		NS		NS		4.270		0.829		NS	
	8-Oct-09	NS		1.150		NS		NS		0.874		NS		0.431		46.800	U	0.618		NS		0.824	
	15-Jan-10	0.783		NS		0.887		0.980		NS		1.260		NS		NS		0.864		0.884		NS	
	21-Apr-10	NS		0.373		NS		NS		0.582	U	NS		1.800	U	NS		1.610		NS		1.260	
	18-Jul-10	0.332		NS		1.530		0.868		NS		2.410	U	NS		NS		0.319	U	0.316	U	NS	
	15-Oct-10	NS		0.319	U	NS		NS		0.319	U	NS		0.319	U	0.319	U	0.319	U	NS		0.319	U
	26-Jan-11	3.190	U	2.480		NS		2.480		NS		NS	U	1.800	U	NS		1.800		NS		1.800	
	28-Feb-11	NS		NS		3.190	U	NS		NS		NS		NS		NS		NS		NS		NS	
Carbon tetrachloride	8-Feb-08	0.440		NS		NS		NS		0.460		NS		NS		NS		0.530		0.480		NS	
	27-Mar-08	NS		0.539		NS		NS		NS		0.477		NS		NS		NS		0.878		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		0.490		NS		NS		NS		0.460		0.470		0.480		NS	
	27-Jun-08	0.478		NS		NS		NS		0.508		NS		NS		NS		NS		0.933		0.563	
	31-Jul-08	NS		0.578		NS		NS		NS		NS		NS		NS		NS		NS		0.489	
	28-Aug-08	NS		NS		0.515		NS		NS		NS		0.548		NS		0.587		0.543		NS	
	30-Sep-08	NS		NS		NS		0.511		NS		NS		NS		NS		0.577		NS		0.451	
	27-Oct-08	0.490		NS		NS		NS		0.380		NS		NS		NS		0.410		NS		0.560	
	25-Nov-08	NS		0.520		NS		NS		NS		0.420		NS		NS		0.508		0.440		NS	
	18-Dec-08	NS		NS		0.230		NS		NS		NS		NS		0.260		NS		0.480		0.460	
	21-Jan-09	NS		NS		NS		0.360		NS		NS		NS		NS		0.470		0.370		0.570	
	25-Feb-09	0.360		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		0.801		0.585	
	29-Apr-09	NS		NS		0.494		NS		NS		NS		NS		0.528		NS		0.522		0.654	
	22-Jul-09	0.629	U	NS		28.800	U	1.260	U	NS		0.629	U	NS		NS		0.815		0.503		NS	
	8-Oct-09	NS		0.491		NS		NS		0.866		NS		0.485		29.200	U	0.710		NS		0.491	
	15-Jan-10	0.427		NS		0.647		0.909		NS		0.541		NS		NS		0.541		0.528		NS	
	21-Apr-10	NS		0.126		NS		NS		0.629	U	NS		0.629	U	0.629	U	0.810		NS		0.803	
	18-Jul-10	0.459		NS		0.478		0.915		NS		0.880	U	NS		NS		0.569		0.509		NS	
	15-Oct-10	NS		0.509		NS		NS		0.434		NS		0.383		0.402		0.421		NS		0.440	
	26-Jan-11	1.260	U	0.415		NS		0.418		NS		0.629	U	NS		0.629	U	0.629	U	0.629	U	NS	
	28-Feb-11	NS		NS		1.260	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,2-Dichloropropane	8-Feb-08	0.690	U	NS		NS		NS		0.690	U	NS		NS		NS		0.690	U	0.690	U	NS	
	27-Mar-08	NS		0.682	U	NS		NS		NS		0.682	U	NS		NS		NS		0.682	U	0.682	U
	25-Apr-08	NS		NS		0.682	U	NS		NS		NS		0.682	U	NS		0.682	U	NS		0.682	U
	29-May-08	NS		NS		NS		0.690	U	NS		NS		NS		0.690	U	0.690	U	0.690	U	NS	
	27-Jun-08	0.144	U	NS		NS		NS		0.682	U	NS		NS		NS		NS		0.682	U	0.682	U
	31-Jul-08	NS		0.682	U	NS		NS		NS		NS		NS		NS		0.682	U	NS		0.682	U
	28-Aug-08	NS		NS		0.682	U	NS		NS		NS		NS		0.682	U	NS		0.682	U	NS	
	30-Sep-08	NS		NS		NS		0.690	U	NS		NS		NS		NS		0.690	U	NS		0.690	U
	27-Oct-08	0.690	U	NS		NS		NS		0.690	U	NS		NS		NS		0.690	U	NS		0.690	U
	25-Nov-08	NS		0.690	U	NS		NS		NS		0.690	U	NS		NS		0.690	U	0.690	U	NS	
	18-Dec-08	NS		NS		0.690	U	NS		NS		NS		0.690	U	NS		NS		0.690	U	0.690	U
	21-Jan-09	NS		NS		NS		0.690	U	NS		NS		NS		0.690	U	0.690	U	NS		0.690	U
	25-Feb-09	0.690	U	NS		NS		NS		0.690	U	NS		NS		NS		0.690	U	0.690	U	NS	
	26-Mar-09	NS		0.462	U	NS		NS		NS		0.924	U	NS		NS		NS		0.682	U	0.682	U
	29-Apr-09	NS		NS		0.682	U	NS		NS		NS		0.682	U	NS		0.682	U	NS		0.682	U
	22-Jul-09	0.462	U	NS		18.800	U	0.924	U	NS		0.462	U	NS		NS		0.682	U	0.682	U	NS	
	8-Oct-09	NS		0.682	U	NS		NS		0.682	U	NS		0.682	U	19.300	U	0.682	U	NS		0.682	U
	15-Jan-10	0.682	U	NS		0.682	U	0.682	U	NS		0.682	U	NS		NS		0.682	U	0.682	U	NS	
	21-Apr-10	NS		0.682	U	NS		NS		0.462	U	NS		0.462	U	0.462	U	0.682	U	NS		0.682	U
	18-Jul-10	0.682	U	NS		0.682	U	0.682	U	NS		0.682	U	NS		NS		0.682	U	0.682	U	NS	
	15-Oct-10	NS		0.682	U	NS		NS		0.682	U	NS		0.682	U	0.682	U	0.682	U	NS		0.682	U
	26-Jan-11	0.924	U	0.682	U	NS		0.682	U	NS		0.462	U	NS		0.462	U	0.462	U	0.462	U	NS	
	28-Feb-11	NS		NS		0.924	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	MP-9	Qual	MP-2	Qual	MP-3	Qual
Dichlorodifluoromethane	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		0.134	U	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		NS		0.130	U	0.130	U	NS	
	27-Jun-08	0.209	U	NS		NS		NS		0.134	U	NS		NS		NS		NS		0.134	U	0.134	U
	31-Jul-08	NS		0.134	U	NS		NS		NS		NS		NS		NS		0.134	U	NS		0.134	U
	28-Aug-08	NS		NS		0.134	U	NS		NS		NS		0.134	U	NS		0.134	U	0.134	U	NS	
	30-Sep-08	NS		NS		NS		0.620		NS		NS		NS		NS		0.130	U	NS		0.130	U
	27-Oct-08	0.130	U	NS		NS		NS		1.070		NS		NS		NS		0.130	U	NS		0.130	U
	25-Nov-08	NS		0.130	U	NS		NS		NS		0.130	U	NS		NS		0.130	U	3.000		NS	
	18-Dec-08	NS		NS		0.130	U	NS		NS		NS		NS		0.130	U	NS		0.130	U	0.130	U
	21-Jan-09	NS		NS		NS		0.130	U	NS		NS		NS		NS		0.130	U	0.130	U	0.130	U
	25-Feb-09	0.130	U	NS		NS		NS		0.130	U	NS		NS		NS		0.130	U	0.130	U	NS	
	26-Mar-09	NS		0.670	U	NS		NS		NS		1.340	U	NS		NS		NS		0.134	U	0.134	U
	29-Apr-09	NS		NS		0.134	U	NS		NS		NS		0.134	U	NS		0.134	U	NS		0.134	U
	22-Jul-09	0.670	U	NS		27.000	U	1.340	U	NS		0.670	U	NS		NS		0.134	U	0.134	U	NS	
	8-Oct-09	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	NS		0.134	U	NS		0.134	U
	15-Jan-10	0.134	U	NS		0.134	U	0.134	U	NS		0.134	U	NS		NS		0.134	U	0.134	U	NS	
	21-Apr-10	NS		0.134	U	NS		NS		0.670	U	NS		0.670	U	0.670	U	0.134	U	NS		0.134	U
	16-Jul-10	0.134	U	NS		0.134	U	0.134	U	NS		1.010	U	NS		NS		0.134	U	0.134	U	NS	
	15-Oct-10	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
	26-Jan-11	1.340	U	0.134	U	NS		0.134	U	NS		0.670	U	NS		NS		0.670	U	0.670	U	NS	
	28-Feb-11	NS		NS		1.340	U	NS		NS		NS		NS		NS		NS		NS		NS	
Trichlorofluoro-	8-Feb-08	0.120		NS		NS		NS		0.110	U	NS		NS		NS		0.200		18.800		NS	
	27-Mar-08	NS		0.107	U	NS		NS		NS		0.182		NS		NS		NS		13.400		5.340	
	25-Apr-08	NS		NS		0.188		NS		NS		NS		1.950		NS		0.8888		NS		3.390	
	29-May-08	NS		NS		NS		26.800		NS		NS		NS		0.150		0.370		13.800		NS	
	27-Jun-08	0.409		NS		NS		NS		256.000		NS		NS		NS		NS		13.800		8.580	
	31-Jul-08	NS		1.240		NS		NS		NS		NS		NS		NS		0.126		NS		3.240	
	28-Aug-08	NS		NS		0.556		NS		NS		NS		NS		NS		0.432		18.400		NS	
	30-Sep-08	NS		NS		58.200		NS		NS		NS		NS		0.800	U	NS		22.700		3.850	
	27-Oct-08	0.800	U	NS		NS		NS		117.000		NS		NS		NS		2.880		NS		0.800	U
	25-Nov-08	NS		2.820		NS		NS		NS		1.880		NS		NS		0.540	U	38.800		NS	
	18-Dec-08	NS		NS		0.540	U	NS		NS		NS		NS		0.540	U	NS		NS		2.480	
	21-Jan-09	NS		NS		NS		18.800		NS		NS		NS		NS		0.540	U	0.540	U	NS	
	25-Feb-09	0.440		NS		NS		NS		88.800		NS		NS		NS		NS		0.880		10.700	
	26-Mar-09	NS		8.200		NS		NS		NS		3.880		NS		NS		NS		25.100		5.480	
	29-Apr-09	NS		NS		0.270		NS		NS		NS		1.200		NS		0.392		NS		2.660	
	22-Jul-09	0.537	U	NS		0.537	U	12.700		NS		3.190		NS		NS		0.364		10.300		NS	
	8-Oct-09	NS		0.0891	U	NS		NS		29.000		NS		9.240		27.400	U	0.182		NS		3.290	
	15-Jan-10	0.591		NS		0.242		17.700		NS		0.172		NS		NS		0.907	U	18.900		NS	
	21-Apr-10	NS		0.107	U	NS		NS		34.000		NS		0.840		0.537	U	0.8891		NS		2.010	
	16-Jul-10	0.333		NS		0.140		NS		NS		0.211	U	NS		NS		0.107		27.800		NS	
	15-Oct-10	NS		2.260		NS		NS		129.000		NS		1.920		0.177		0.317		NS		1.300	
	26-Jan-11	1.070	U	1.830		NS		9.840		NS		0.537	U	NS		0.617		1.230		27.100		NS	
	28-Feb-11	NS		NS		1.070	U	NS		NS		NS		NS		NS		NS		NS		NS	
cis-1,3-Dichloropropene	8-Feb-08	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS	
	27-Mar-08	NS		0.081	U	NS		NS		NS		0.081	U	NS		NS		NS		0.081	U	0.081	U
	25-Apr-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.081	U
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		NS		0.080	U	0.080	U	NS	
	27-Jun-08	0.141	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		NS		0.081	U	NS	
	28-Aug-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	0.081	U	NS	
	30-Sep-08	NS		NS		NS		0.180	U	NS		NS		NS		NS		0.180	U	NS		0.180	U
	27-Oct-08	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		0.180	U
	25-Nov-08	NS		0.180	U	NS		NS		NS		0.180	U	NS		NS		0.180	U	0.180	U	NS	
	18-Dec-08	NS		NS		0.180	U	NS		NS		NS		NS		0.180	U	NS		0.180	U	0.180	U
	21-Jan-09	NS		NS		NS		0.180	U	NS		NS		NS		NS		0.180	U	0.180	U	NS	
	25-Feb-09	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		NS		0.180	U	0.180	U
	26-Mar-09	NS		0.453	U	NS		NS		NS		0.807	U	NS		NS		NS		0.081	U	0.8142	U
	29-Apr-09	NS		NS		0.081	U	NS		NS		NS		NS		0.081	U	NS		0.081	U	0.081	U
	22-Jul-09	0.453	U	NS		18.500	U	0.807	U	NS		0.453	U	NS		NS		0.081	U	0.081	U	NS	
	8-Oct-09	NS		0.0891	U	NS		NS		0.081	U	NS		0.081	U	18.600	U	0.081	U	NS		0.081	U
	15-Jan-10	0.081	U	NS		0.081	U	0.081	U	NS		0.081	U	NS		NS		0.081	U	0.081	U	NS	
	21-Apr-10	NS		0.081	U	NS		NS		0.453	U	NS		0.453	U	0.453	U	0.081	U	NS		0.081	U
	16-Jul-10	0.081	U	NS		0.081	U	0.081	U	NS		0.886	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	0.807	U	0.081	U	NS		0.081	U	NS		0.453	U	NS		0.453	U	0.453	U	0.453	U	NS	
	28-Feb-11	NS		NS		0.807	U	NS		NS		NS		NS		NS		NS		NS		NS	
4-Methyl-2-pentanone	8-Feb-08	2.080	U	NS		NS		NS		2.080	U	NS		NS		NS		2.080	U	8.700		NS	
	27-Mar-08	NS		2.080	U	NS		NS		NS		NS		NS		NS		NS		15.200		2.080	U
	25-Apr-08	NS		NS		2.080	U	NS		NS		NS		2.080	U	NS		2.080	U	NS		2.080	U
	29-May-08	NS		NS		NS		2.080	U	NS		NS		NS		NS		2.080	U	2.080	U	NS	
	27-Jun-08	3.180	U	NS		NS		NS		2.080	U	NS		NS		NS		NS		2.080	U	2.080	U
	31-Jul-08	NS		2.080	U	NS		NS		NS		NS		NS		NS		2.080	U	NS		2.080	U
	28-Aug-08	NS		NS		2.080	U	NS		NS		NS		NS		2.080	U	2.080	U	2.080	U	NS	
	30-Sep-08	NS		NS		NS		2.000	U	NS		NS		NS		NS		2.000	U	NS		2.000	U
	27-Oct-08	2.000	U	NS		NS		NS		2.000	U	NS		NS		NS		NS		2.000	U	2.000	U
	25-Nov-08	NS		3.500		NS		NS		NS		NS		2.000	U	NS		NS		2.000	U	2.000	U
	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	2.000	U	NS	
	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		NS		20.900	U	NS		NS		2.080	U	2.080	U
	29-Apr-09	NS		NS		2.080	U	NS		NS		NS		NS		2.080	U	NS		2.080	U	NS	
	22-Jul-09	10.200	U	NS		10.200	U	20.500	U	NS		10.200	U	NS		NS		427.000	U	2.080	U	NS	
	8-Oct-09	NS		2.080	U	NS		NS		2.080	U	NS		2.080	U	NS		2.080	U	2.080	U	NS	
	15-Jan-10	2.080	U	NS		2.080	U	2.080	U	NS		2.080	U	NS		NS		2.080	U	2.080	U	NS	
	21-Apr-10	NS		2.080	U	NS		NS		10.200	U	NS		10.200	U	10.200	U	2.080	U	NS		2.080	U
	16-Jul-10	2.080	U	NS		2.080	U	2.080	U	NS		15.400	U	NS		NS		2.080	U	2.080	U	NS	
	15-Oct-10	NS		2.080	U	NS		NS		2.080	U	NS		2.080	U	2.080	U	2.080	U	NS		2.080	U
	26-Jan-11	20.900	U	2.080	U	NS		2.080	U	NS		10.200	U	NS		10.200	U	10.200	U	10.200	U	NS	
	28-Feb-11	NS		NS		20.800	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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		MP-1		MP-2		MP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
trans-1,3-Dichloropropene	8-Feb-08	0.080	U	NS		NS		NS		0.080	U	NS		NS		NS		0.080	U	0.080	U	NS	
	27-Mar-08	NS		0.081	U	NS		NS		NS		0.081	U	NS		NS		NS		0.081	U	0.081	U
	25-Apr-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.081	U
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		0.080		0.080	U	0.080	U	NS	
	27-Jun-08	0.141	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
	26-Aug-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	0.081	U	NS	
	30-Sep-08	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		0.180	U	0.180	U
	27-Oct-08	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		0.180	U
	25-Nov-08	NS		0.180	U	NS		NS		NS		0.180	U	NS		NS		0.180	U	0.180	U	NS	
	18-Dec-08	NS		NS		0.180	U	NS		NS		NS		0.180	U	NS		0.180	U	NS		0.180	U
	21-Jan-09	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	0.180	U	NS		0.180	U
	25-Feb-09	0.180	U	NS		NS		NS		0.180	U	NS		NS		NS		0.180	U	0.180	U	NS	
	26-Mar-09	NS		0.453	U	NS		NS		NS		0.907	U	NS		NS		NS		0.081	U	0.081	U
	29-Apr-09	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.081	U
	22-Jul-09	0.453	U	NS		0.453	U	0.907	U	NS		0.453	U	NS		NS		0.081	U	0.081	U	NS	
	9-Oct-09	NS		0.078	U	NS		NS		0.081	U	NS		0.081	U	18.600	U	0.081	U	NS		0.081	U
	15-Jan-10	0.081		NS		0.081	U	0.081	U	NS		0.081	U	NS		NS		0.081	U	0.081	U	NS	
	21-Apr-10	NS		0.081	U	NS		NS		0.453	U	NS		0.453	U	0.453	U	0.081	U	NS		0.081	U
	16-Jul-10	0.081	U	NS		0.081	U	0.081	U	NS		0.905	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	NS		NS		0.081	U
	26-Jan-11	0.807	U	0.081	U	NS		0.081	U	NS		0.453	U	NS		0.453	U	0.453	U	0.453	U	NS	
	28-Feb-11	NS		NS		0.807	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,1,2-Trichloroethane	8-Feb-08	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		0.110	U	0.110	U	NS	
	27-Mar-08	NS		0.109	U	NS		NS		NS		0.109	U	NS		NS		0.109	U	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		NS		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
	26-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		0.110	U	NS		NS		NS		NS		0.110	U	NS	
	25-Nov-08	NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U	0.110	U	NS	
	18-Dec-08	NS		NS		0.110	U	NS		NS		NS		0.110	U	NS		NS		0.110	U	0.110	U
	21-Jan-09	NS		NS		NS		0.110	U	NS		NS		NS		NS		0.110	U	NS		0.110	U
	25-Feb-09	0.110	U	NS		NS		NS		0.110	U	NS		NS		NS		NS		0.110	U	NS	
	26-Mar-09	NS		0.545	U	NS		NS		NS		1.090	U	NS		NS		NS		0.109	U	0.109	U
	29-Apr-09	NS		NS		0.109	U	NS		NS		NS		0.959	U	NS		0.109	U	NS		0.109	U
	22-Jul-09	0.545	U	NS		22.200	U	1.090	U	NS		0.545	U	NS		NS		0.109	U	0.109	U	NS	
	9-Oct-09	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	22.800	U	0.109	U	NS		0.109	U
	15-Jan-10	0.109	U	NS		0.109	U	1.090	U	NS		0.091	U	NS		NS		0.109	U	0.109	U	NS	
	21-Apr-10	NS		0.109	U	NS		NS		0.545	U	NS		0.545	U	0.545	U	0.109	U	NS		0.109	U
	16-Jul-10	0.109	U	NS		0.109	U	0.109	U	NS		0.824	U	NS		NS		1.090	U	0.109	U	NS	
	15-Oct-10	NS		0.109		NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jan-11	1.090	U	0.109	U	NS		0.109	U	NS		0.545	U	NS		0.547	U	0.545	U	0.545	U	NS	
	28-Feb-11	NS		NS		1.090	U	NS		NS		NS		NS		NS		NS		NS		NS	
Toluene	8-Feb-08	1.800		NS		NS		NS		1.800		NS		NS		NS		2.720		455.000		NS	
	27-Mar-08	NS		2.240		NS		NS		NS		1.480		NS		NS		NS		19.300		16.100	
	25-Apr-08	NS		NS		1.390		NS		NS		NS		1.340		NS		16.200		NS		21.800	
	29-May-08	NS		NS		NS		7.740		NS		NS		NS		11.600		21.000		11.000		NS	
	27-Jun-08	14.700		NS		NS		NS		2.330		NS		NS		NS		NS		10.800		22.200	
	31-Jul-08	NS		4.150		NS		NS		NS		NS		NS		NS		NS		10.200		NS	
	26-Aug-08	NS		NS		6.480		NS		NS		NS		3.440		NS		10.000		11.200		NS	
	30-Sep-08	NS		NS		NS		1.800	U	NS		NS		NS		NS		6.100		NS		7.800	
	27-Oct-08	96.300		NS		NS		NS		3.200		NS		NS		NS		NS		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		NS		1.800	U	NS		4.800		4.800	
	21-Jan-09	NS		NS		NS		1.800	U	NS		NS		NS		NS		1.800	U	NS		1.800	U
	25-Feb-09	7.000		NS		NS		NS		1.800	U	NS		NS		NS		NS		13.800		NS	
	26-Mar-09	NS		3.530		NS		NS		NS		3.620		NS		NS		NS		7.230		9.750	
	29-Apr-09	NS		NS		1.980		NS		NS		NS		0.851		NS		0.149		NS		4.98	
	22-Jul-09	38.700		NS		38.700		2.220		NS		4.710		NS		NS		87.100		6.320		NS	
	9-Oct-09	NS		3.530		NS		NS		3.080		NS		1.070		23.400		3.120		NS		3.870	
	15-Jan-10	12.800		NS		4.170		4.330		NS		6.840		NS		NS		4.810		4.890		NS	
	21-Apr-10	NS		0.800		NS		NS		2.670		NS		3.780		8.200		2.840		NS		5.080	
	16-Jul-10	22.200		NS		17.900		5.980		NS		9.540		NS		NS		8.770		5.850		NS	
	15-Oct-10	NS		1.670		NS		NS		2.100		NS		1.720		3.370		2.230		NS		9.240	
	26-Jan-11	8.080		6.820		NS		6.820		NS		4.740		NS		8.960		12.100		11.800		NS	
	28-Feb-11	NS		NS		1.880		NS		NS		NS		NS		NS		NS		NS		NS	
Dibromochloromethane	8-Feb-08	0.100	U	NS		NS		NS		0.100	U	NS		NS		NS		0.100	U	0.100	U	NS	
	27-Mar-08	NS		0.088	U	NS		NS		NS		0.088	U	NS		NS		NS		0.095	U	0.084	U
	25-Apr-08	NS		NS		0.096	U	NS		NS		NS		0.088	U	NS		0.096	U	NS		0.086	U
	29-May-08	NS		NS		NS		0.100	U	NS		NS		NS		NS		0.100	U	0.100	U	NS	
	27-Jun-08	0.190	U	NS		NS		NS		0.088	U	NS		NS		NS		NS		0.095	U	0.086	U
	31-Jul-08	NS		0.088	U	NS		NS		NS		NS		NS		NS		0.096	U	NS		0.088	U
	26-Aug-08	NS		NS		0.096	U	NS		NS		NS		NS		NS		0.096	U	0.096	U	NS	
	30-Sep-08	NS		NS		NS		4.200	U	NS		NS		NS		NS		4.200	U	NS		4.200	U
	27-Oct-08	4.200	U	NS		NS		NS		4.200	U	NS		NS		NS		4.200	U	NS		4.200	U
	25-Nov-08	NS		4.200	U	NS		NS		NS		NS		4.200	U	NS		4.200	U	4.200	U	NS	
	18-Dec-08	NS		NS		4.200	U	NS		NS		NS		NS		NS		NS		4.200	U	4.200	U
	21-Jan-09	NS		NS		NS		4.200	U	NS		NS		NS		NS		4.200	U	4.200	U	NS	
	25-Feb-09	4.200	U	NS		NS		NS		4.200	U	NS		NS		NS		4.200	U	4.200	U	NS	
	26-Mar-09	NS		0.480	U	NS		NS		NS		0.960		NS		NS		0.096	U	NS		0.086	U
	29-Apr-09	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	NS		0.086	U
	22-Jul-09	0.480	U	NS		19.600	U	0.960	U	NS		0.480	U	NS		NS		0.096	U	0.088	U	NS	
	9-Oct-09	NS		0.088	U	NS		NS		NS	U	NS		0.088	U	20.000	U	0.096	U	NS		0.086	U
	15-Jan-10	0.096	U	NS		0.096	U	0.096	U	NS		0.088	U	NS		NS		0.096	U	0.095	U	NS	
	21-Apr-10	NS		0.096	U	NS		NS		0.480	U	NS		0.480	U	0.480	U	0.096	U	NS		0.086	U
	16-Jul-10	0.170	U	NS		0.170	U	0.170	U	NS		1.280	U	NS		NS		0.170	U	0.170	U	NS	
	15-Oct-10	NS		0.170	U	NS		NS		0.170	U	NS		0.170	U	0.170	U	0.170	U	NS		0.170	U
	26-Jan-11	1.700	U	0.170	U	NS		0.170	U	NS		0.851	U	NS		0.851	U	0.851	U	0.851	U	NS	
	28-Feb-11	NS		NS		1.700	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	MP-1	Qual	MP-2	Qual	MP-3	Qual
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		0.154	U	0.154	U	0.154	U
	25-Apr-08	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	NS		0.154	U
	29-May-08	NS		NS		NS		NS		NS		NS		NS		NS		0.150	U	0.150	U	NS	
	27-Jun-08	0.230	U	NS		NS		NS		0.154	U	NS		NS		NS		NS		0.154	U	0.154	U
	31-Jul-08	NS		0.154	U	NS		NS		NS		NS		NS		NS		0.154	U	NS		0.154	U
	28-Aug-08	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	0.154	U	NS	
	30-Sep-08	NS		NS		NS		0.150	U	NS		NS		NS		0.150	U	NS		0.150	U	0.150	U
	27-Oct-08	0.150	U	NS		NS		NS		0.150	U	NS		NS		NS		0.150	U	NS		0.150	U
	25-Nov-08	NS		0.150	U	NS		NS		NS		0.150	U	NS		NS		NS	U	0.150	U	NS	
	18-Dec-08	NS		NS		0.150	U	NS		NS		NS		0.150	U	NS		NS		0.150	U	0.150	U
	21-Jan-09	NS		NS		NS		0.150	U	NS		NS		NS		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	0.150	U	NS	
	26-Mar-09	NS		0.788	U	NS		NS		NS		1.540	U	NS		NS		NS		0.154	U	0.154	U
	28-Apr-09	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	NS		0.154	U
	22-Jul-09	0.788	U	NS		31.300	U	1.540	U	NS		0.788	U	NS		NS		0.154	U	0.154	U	NS	
	9-Oct-09	NS		0.154	U	NS		NS		0.154	U	NS		0.154	U	32.000	U	0.154	U	NS		0.154	U
	15-Jan-10	0.154	U	NS		0.154	U	0.154	U	NS		0.154	U	NS		NS		0.154	U	0.154	U	NS	
	21-Apr-10	NS		0.154	U	NS		NS		0.788	U	NS		0.788	U	0.788	U	0.154	U	NS		0.154	U
	16-Jul-10	0.154	U	NS		0.154	U	0.154	U	NS		1.580	U	NS		NS		0.154	U	0.154	U	NS	
	15-Oct-10	NS		0.154	U	NS		NS		0.154	U	NS		0.154	UJ	0.154	U	0.154	U	NS		0.154	U
	26-Jan-11	1.540	U	0.154	U	NS		0.154	U	NS		0.788	U	NS		0.788	U	0.788	U	0.788	U	NS	
	28-Feb-11	NS		NS		1.540	U	NS		NS		NS		NS		NS		NS		NS		NS	
Tetrachloroethene*	8-Feb-08	0.360		NS		NS		NS		0.140	U	NS		NS		NS		0.530		5.250		NS	
	27-Mar-08	NS		0.888		NS		NS		NS		0.879		NS		NS		NS		6.980		5.250	
	25-Apr-08	NS		NS		0.322		NS		NS		NS		0.880		NS		0.830		NS		0.887	
	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		29.600		NS		NS		NS		NS		NS		5.080		1.800	
	31-Jul-08	NS		0.887		NS		NS		NS		NS		NS		NS		0.818		NS		0.572	
	28-Aug-08	NS		NS		1.580		NS		NS		NS		NS		NS		1.370		8.280		NS	
	30-Sep-08	NS		NS		3.400		NS		10.000		NS		NS		3.400	U	NS		6.100		3.400	U
	27-Oct-08	4.200	U	NS		NS		NS		NS		NS		NS		NS		4.200	U	NS		4.200	U
	25-Nov-08	NS		21.300		NS		NS		4.800		NS		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		1.340	U	NS		NS		NS		7.110		2.080	
	28-Apr-09	NS		NS		0.274		NS		NS		NS		0.305		NS		0.237		NS		0.881	
	22-Jul-09	1.630		NS		1.630		2.100		NS		3.880		NS		NS		11.800		3.280		NS	
	9-Oct-09	NS		0.858		NS		NS		2.070		NS		0.878		28.300	U	1.170		NS		1.480	
	15-Jan-10	1.310		NS		0.844		1.350		NS		0.881		NS		NS		0.447		0.501		NS	
	21-Apr-10	NS		7.200		NS		NS		53.400		NS		35.600		35.600		62.100		NS		38.100	
	16-Jul-10	12.400		NS		12.700		10.900		NS		10.000		NS		NS		15.400		18.200		NS	
	15-Oct-10	NS		21.900		NS		NS		37.800		NS		21.300		21.300		22.100		NS		31.900	
	26-Jan-11	1.380	U	0.881		NS		1.270		NS		0.879	U	NS		0.813		2.130		8.300		NS	
	28-Feb-11	NS		NS		1.380	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,1,1,2-Tetrachloroethane	8-Feb-08	0.140	U	NS		NS		NS		0.140	U	NS		NS		NS		0.140	U	0.140	U	NS	
	27-Mar-08	NS		0.137	U	NS		NS		NS		0.137	U	NS		NS		NS		0.137	U	0.137	U
	25-Apr-08	NS		NS		0.137	U	NS		NS		NS		NS	U	NS		0.137	U	NS		0.137	U
	29-May-08	NS		NS		NS		0.140	U	NS		NS		NS		NS		0.140	U	0.140	U	NS	
	27-Jun-08	0.214	U	NS		NS		NS		0.137	U	NS		NS		NS		NS		0.137	U	0.137	U
	31-Jul-08	NS		0.137	U	NS		NS		NS		NS		NS		NS		0.137	U	NS		0.137	U
	28-Aug-08	NS		NS		0.137	U	NS		NS		NS		NS	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		NS		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		0.190		NS		NS		NS	U	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		0.888	U	NS		NS		1.370	U	NS		NS	U	NS		NS		0.137	U	0.137	U
	28-Apr-09	NS		NS		0.137	U	NS		NS		0.137	U	NS	U	NS		0.137	U	NS		0.137	U
	22-Jul-09	0.888	U	NS		28.000	U	1.370	U	NS		0.888	U	NS	U	NS		0.137	U	0.137	U	NS	
	9-Oct-09	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	28.000	U	0.137	U	NS		0.137	U
	15-Jan-10	0.109	U	NS		0.137	U	1.370	U	NS		0.137	U	NS	U	NS		0.137	U	0.137	U	NS	
	21-Apr-10	NS		0.137	U	NS		NS		0.886	U	NS		0.888	U	0.888	U	0.137	U	NS		0.137	U
	16-Jul-10	0.137	U	NS		0.137	U	0.137	U	NS		1.040	U	NS		NS		0.137	U	0.137	U	NS	
	15-Oct-10	NS		0.137	U	NS		NS		0.137	U	NS	U	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		0.886	U	NS		0.888	U	0.888	U	0.888	U	NS	
	28-Feb-11	NS		NS		1.370	U	NS		NS		NS		NS		NS		NS		NS		NS	
Chloroform	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		0.082	U	NS		NS		NS		0.082	U	NS		NS		NS		0.082	U	0.082	U
	25-Apr-08	NS		NS		0.082	U	NS		NS		NS		0.082	U	NS		0.082	U	NS		0.082	U
	29-May-08	NS		NS		NS		0.080	U	NS		NS		NS		NS		0.080	U	0.080	U	NS	
	27-Jun-08	0.207		NS		NS		NS		0.082	U	NS		NS		NS		NS		0.082	U	0.082	U
	31-Jul-08	NS		0.082	U	NS		NS		NS		NS		NS		NS		0.082	U	NS		0.082	U
	28-Aug-08	NS		NS		0.082	U	NS		NS		NS		NS	U	NS		0.082	U	0.082	U	NS	
	30-Sep-08	NS		NS		NS		2.300	U	NS		NS		NS		2.300	U	NS		2.300	U	2.300	U
	27-Oct-08	2.300	U	NS		NS		NS		2.300	U	NS		NS		NS		2.300	U	NS		2.300	U
	25-Nov-08	NS		2.300	U	NS		NS		NS		2.300	U	NS		NS		2.300	U	2.300	U	NS	
	18-Dec-08	NS		NS		2.300	U	NS		NS		NS		2.300	U	NS		NS		2.300	U	2.300	U
	21-Jan-09	NS		NS		NS		2.300	U	NS		NS		NS		NS		2.300	U	NS		2.300	U
	25-Feb-09	2.300	U	NS		NS		NS		2.300	U	NS		NS		NS		NS		2.300	U	NS	
	26-Mar-09	NS		0.480	U	NS		NS		NS		0.820	U	NS		NS		NS		0.082	U	0.082	U
	28-Apr-09	NS		NS		0.082	U	NS		NS		NS		0.480	U	NS		0.082	U	NS		0.082	U
	22-Jul-09	0.480	U	NS		18.800	U	0.820	U	NS		0.082	U	NS		NS		0.082	U	0.082	U	NS	
	9-Oct-09	NS		0.082	U	NS		NS		0.082	U	NS		0.082	U	18.200	U	0.082	U	NS		0.082	U
	15-Jan-10	0.082	U	NS		0.082	U	0.082	U	NS		0.082	U	NS		NS		0.082	U	0.082	U	NS	
	21-Apr-10	NS		0.082	U	NS		NS		0.480	U	NS		0.480	U	0.480	U	0.082	U	NS		0.082	U
	16-Jul-10	0.082	U	NS		0.082	U	0.212		NS		0.898	U	NS		NS		0.082	U	0.082	U	NS	
	15-Oct-10	NS		0.082	U	NS		NS		0.129		NS		0.108		0.101		0.082	U	NS		0.101	
	26-Jan-11	0.920	U	0.082	U	NS		0.082	U	NS		0.480	U	NS		0.480	U	0.480	U	0.480	U	NS	
	28-Feb-11	NS		NS		0.920	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	MP-1	Qual	MP-2	Qual	MP-3	Qual
Ethylbenzene	8-Feb-08	0.210		NS		NS		NS		0.230		NS		NS		NS		0.330		4.880		NS	
	27-Mar-08	NS		0.295		NS		NS		NS		0.157		NS		NS		NS		0.645		0.372	
	25-Apr-08	NS		NS		0.291		NS		NS		NS		0.320		NS				NS		0.565	
	29-May-08	NS		NS		NS		1.490		NS		NS		NS		2.200		2.820		1.010		NS	
	27-Jun-08	4.340		NS		NS		NS		0.472		NS		NS		NS		NS		0.808		0.880	
	31-Jul-08	NS		-		NS		NS		NS		NS		NS		NS		0.788		NS		0.877	
	28-Aug-08	NS		NS		0.830		NS		NS		NS		0.482		NS		0.711		0.988		NS	
	30-Sep-08	NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		2.200	U	2.200	U
	27-Oct-08	18.400		NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		2.200	U
	25-Nov-08	NS		2.200	U	NS		NS		NS		2.200	U	NS		NS		2.300		2.200	U	NS	
	18-Dec-08	NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		2.200	U	2.200	U	2.200	U
	21-Jan-09	NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	2.200	U	NS		2.200	U
	25-Feb-09	10.800		NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	2.200	U	NS	
	26-Mar-09	NS		0.516		NS		NS		NS		0.868	U	NS		NS		NS		0.845		1.180	
	29-Apr-09	NS		NS		0.180		NS		NS		NS		0.191		NS		0.304		NS		0.325	
	22-Jul-08	11.700		NS		11.700		0.886	U	NS		1.150		NS		NS		38.200		1.040		NS	
	9-Oct-09	NS		0.564		NS		NS		0.880		NS		0.291		18.400	U	0.542		NS		0.542	
	15-Jan-10	6.890		NS		0.568		0.642		NS		0.868		NS		NS		0.712		0.720		NS	
	21-Apr-10	NS		0.304		NS		NS		1.340		NS		NS		1.800		1.780		2.120		1.560	
	16-Jul-10	8.230		NS		2.400		1.800		NS		9.440		NS		NS		1.810		1.420		NS	
	15-Oct-10	NS		0.534		NS		NS		0.825		NS		0.521		0.573		1.070		NS		0.833	
	26-Jan-11	1.240		1.820		NS		1.880		NS		1.280		NS		1.210		4.140		4.880		NS	
	28-Feb-11	NS		NS		0.868	U	NS		NS		NS		NS		NS		NS		NS		NS	
p/m Xylene	8-Feb-08	0.580		NS		NS		NS		0.630		NS		NS		NS		1.040		18.300		NS	
	27-Mar-08	NS		0.883		NS		NS		NS		0.388		NS		NS		NS		2.170		1.330	
	25-Apr-08	NS		NS		0.815		NS		NS		NS		0.870		NS		2.540		NS		1.810	
	29-May-08	NS		NS		NS		9.020		NS		NS		NS		7.580		10.100		3.340		NS	
	27-Jun-08	12.600		NS		NS		NS		1.900		NS		NS		NS		NS		1.910		2.330	
	31-Jul-08	NS		2.400		NS		NS		NS		NS		NS		NS		2.080		NS		1.580	
	28-Aug-08	NS		NS		2.330		NS		NS		NS		1.440		NS		2.130		1.840		NS	
	30-Sep-08	NS		NS		NS		4.300	U	NS		NS		NS		4.300	U	NS		4.300	U	4.300	U
	27-Oct-08	41.600		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		8.800		NS		NS	
	18-Dec-08	NS		NS		4.300	U	NS		NS		NS		4.300	U	NS		NS		4.300	U	4.300	U
	21-Jan-09	NS		NS		NS		4.300	U	NS		NS		NS		NS		4.300	U	NS		4.300	U
	25-Feb-09	37.600		NS		NS		NS		4.300	U	NS		NS		NS		NS		8.000		NS	
	26-Mar-09	NS		1.380		NS		NS		NS		1.740	U	NS		NS		NS		2.580		3.580	
	29-Apr-09	NS		NS		0.488		NS		NS		NS		0.518		NS		0.933		NS		1.680	
	22-Jul-08	25.800		NS		25.800		1.740	U	NS		3.880		NS		NS		185.000		3.520		NS	
	9-Oct-09	NS		1.820		NS		NS		1.830		NS		0.815		38.200	U	1.740		NS		1.700	
	15-Jan-10	18.400		NS		1.820		1.480		NS		1.780		NS		NS		2.360		2.880		NS	
	21-Apr-10	NS		0.703		NS		NS		3.280		NS		4.580		4.540		8.220		NS		4.770	
	16-Jul-10	21.800		NS		7.010		8.380		NS		4.820		NS		NS		4.960		4.910		NS	
	15-Oct-10	NS		1.810		NS		NS		2.180		NS		1.700		1.880		3.480		NS		2.880	
	26-Jan-11	3.080		4.240		NS		4.370		NS		3.080		NS		NS		11.500		13.800		NS	
	28-Feb-11	NS		NS		1.740	U	NS		NS		NS		NS		NS		NS		NS		NS	
Bromoform	8-Feb-08	0.210	U	NS		NS		NS		0.210	U	NS		NS		NS		0.210	U	0.210	U	NS	
	27-Mar-08	NS		0.208	U	NS		NS		NS		0.208	U	NS		NS		NS		0.208	U	0.208	U
	25-Apr-08	NS		NS		0.208	U	NS		NS		NS		0.208	U	NS		0.208	U	NS		0.208	U
	29-May-08	NS		NS		NS		0.210	U	NS		NS		NS		NS		0.210	U	0.210	U	NS	
	27-Jun-08	0.322	U	NS		NS		NS		0.208	U	NS		NS		NS		NS		0.206	U	0.208	U
	31-Jul-08	NS		0.208	U	NS		NS		NS		NS		NS		NS		0.208	U	NS		0.208	U
	28-Aug-08	NS		NS		0.208	U	NS		NS		NS		0.208	U	NS		0.208	U	0.208	U	NS	
	30-Sep-08	NS		NS		NS		0.410	U	NS		NS		NS		NS		0.410	U	NS		0.410	U
	27-Oct-08	0.410	U	NS		NS		NS		0.410	U	NS		NS		NS		0.410	U	NS		0.410	U
	25-Nov-08	NS		0.140	U	NS		NS		NS		0.410	U	NS		NS		0.410	U	0.410	U	NS	
	18-Dec-08	NS		NS		0.410	U	NS		NS		NS		0.410	U	NS		NS		0.410	U	0.410	U
	21-Jan-09	NS		NS		NS		0.410	U	NS		NS		NS		0.410	U	0.410	U	NS		0.410	U
	25-Feb-09	0.410	U	NS		NS		NS		0.140	U	NS		NS		NS		0.410	U	0.410	U	NS	
	26-Mar-09	NS		1.030	U	NS		NS		NS		2.060	U	NS		NS		NS		0.206	U	0.206	U
	29-Apr-08	NS		NS		0.208	U	NS		NS		NS		0.208	U	NS		0.208	U	NS		0.208	U
	22-Jul-08	1.030	U	NS		42.600		2.060	U	NS		1.030	U	NS		NS		0.208	U	0.208	U	NS	
	9-Oct-08	NS		0.208	U	NS		NS		0.208	U	NS		0.208	U	43.900	U	0.208	U	NS		0.208	U
	15-Jan-10	0.206	U	NS		0.208	U	0.208	U	NS		0.208		NS		NS		0.208	U	0.208	U	NS	
	21-Apr-10	NS		0.206	U	NS		NS		1.030	U	NS		1.030	U	1.030	U	0.208	U	NS		0.206	U
	16-Jul-10	0.206	U	NS		0.208	U	0.208	U	NS		1.980	U	NS		NS		0.208	U	0.206	U	NS	
	15-Oct-10	NS		0.206	U	NS		NS		0.208	U	NS	U	0.208	U	0.208	U	0.208	U	NS		0.206	U
	26-Jan-11	2.060	U	0.208	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	
Styrene	8-Feb-08	0.880	U	NS		NS		NS		0.980	U	NS		NS		NS		0.300		3.150		NS	
	27-Mar-08	NS		0.900		NS		NS		NS		0.177		NS		NS		NS		0.208		0.404	
	25-Apr-08	NS		NS		0.244		NS		NS		NS		1.070		NS		0.858		NS		0.381	
	29-May-08	NS		NS		NS		0.170		NS		NS		NS		NS		0.380		0.370		NS	
	27-Jun-08	0.732		NS		NS		NS		0.384		NS		NS		NS		NS		0.988		0.580	
	31-Jul-08	NS		0.378		NS		NS		NS		NS		NS		NS		0.295		NS		0.170	
	28-Aug-08	NS		NS		1.220		NS		NS		NS		0.754		NS		1.020		1.010		NS	
	30-Sep-08	NS		NS		NS		2.100	U	NS		NS		NS		2.100	U	NS		2.100	U	2.100	U
	27-Oct-08	2.100	U	NS		NS		NS		2.100	U	NS		NS		NS		2.100	U	NS		2.100	U
	25-Nov-08	NS		2.100	U	NS		NS		NS		2.100	U	NS		NS		2.100	U	2.100	U	NS	
	18-Dec-08	NS		NS		2.100	U	NS		NS		NS		2.100	U	NS		NS		2.100	U	2.100	U
	21-Jan-09	NS		NS		NS		2.100	U	NS		NS		NS		2.100	U	2.100	U	NS		2.100	U
	25-Feb-09	2.100	U	NS		NS		NS		2.100	U	NS		NS		NS		2.100	U	2.100	U	NS	
	26-Mar-09	NS		0.851	U	NS		NS		NS		1.700	U	NS		NS		NS		0.292		0.361	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.085	U	NS		0.088		NS		0.240	
	22-Jul-08	0.426	U	NS		0.426	U	0.851	U	NS		0.426	U	NS		0.426	U	0.600		0.148		NS	
	9-Oct-08	NS		0.085	U	NS		NS		0.088		NS		0.085	U	17.800	U	0.183		NS		0.204	
	15-Jan-10	0.186		NS		0.188		0.088		NS		0.088		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	0.870		NS		0.811		0.880		NS		0.643	U	NS		NS		0.340		0.884		NS	
	15-Oct-10	NS		0.888		NS		NS		1.120		NS		0.779		0.819		0.877		NS		1.520	
	26-Jan-11	0.851	U	0.182		NS		0.178		NS		0.426	U	NS		0.426	U	0.426		0.817		NS	
	28-Feb-11	NS		NS		0.851	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	MP-1	Qual	MP-2	Qual	MP-3	Qual
1,1,2,2-Tetrachloroethane	8-Feb-08	0.140	U	NS		NS		NS		0.140	U	NS		NS		NS		0.140	U	0.140	U	NS	
	27-Mar-08	NS		0.137	U	NS		NS		NS		0.137	U	NS		NS		0.137	U	0.137	U	0.137	U
	25-Apr-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.137	U	NS		0.137	U
	29-May-08	NS		NS		NS		0.140	U	NS		NS		NS		0.140	U	0.140	U	0.140	U	NS	
	27-Jun-08	0.214	U	NS		NS		NS		0.137	U	NS		NS		NS		NS		0.137	U	0.137	U
	31-Jul-08	NS		0.137	U	NS		NS		NS		NS		NS		NS		0.137	U	NS		0.137	U
	28-Aug-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.137	U	0.137	U	NS	
	30-Sep-08	NS		NS		NS		0.140	U	NS		NS		NS		NS		0.140	U	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	0.140	U	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	
	28-Mar-09	NS		0.899	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	0.684	U	NS		28.000	U	0.137	U	NS		0.899	U	NS		NS		0.137	U	0.137	U	NS	
	8-Oct-09	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	28.800	U	0.137	U	NS		0.137	U
	15-Jan-10	0.109	U	NS		0.137	U	0.137	U	NS		0.109	U	NS		NS		0.137	U	0.137	U	NS	
	21-Apr-10	NS		0.137	U	NS		NS		0.899	U	NS		0.899	U	0.899	U	0.137	U	NS		0.137	U
	18-Jul-10	0.137	U	NS		0.137	U	0.137	U	NS		1.040	U	NS		NS		0.137	U	0.137	U	NS	
	15-Oct-10	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jan-11	1.370	U	0.137	U	NS		0.137	U	NS		0.899	U	NS		0.899	U	0.899	U	0.899	U	NS	
	28-Feb-11	NS		1.370	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
m-Xylene	8-Feb-08	0.200		NS		NS		NS		0.230		NS		NS		NS		0.480		7.730		NS	
	27-Mar-08	NS		0.273		NS		NS		NS		0.142		NS		NS		NS		0.844		0.478	
	25-Apr-08	NS		NS		0.370		NS		NS		NS		0.408		NS		0.735		NS		0.620	
	29-May-08	NS		NS		NS		1.460		NS		NS		NS		NS		2.240		1.020		NS	
	27-Jun-08	4.120		NS		NS		NS		0.980		NS		NS		NS		2.840		NS		0.877	
	31-Jul-08	NS		0.836		NS		NS		NS		NS		NS		NS		0.748		NS		0.784	
	28-Aug-08	NS		NS		0.804		NS		NS		NS		NS		NS		0.514		NS		0.725	
	30-Sep-08	NS		NS		NS		2.200	U	NS		NS		NS		NS		2.200	U	NS		2.200	U
	27-Oct-08	9.800		NS		NS		NS		2.200	U	NS		NS		NS		2.200	U	NS		4.000	
	25-Nov-08	NS		2.200	U	NS		NS		NS		2.200	U	NS		NS		3.900		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	NS		2.200	U	2.200	U
	25-Feb-09	8.900		NS		NS		NS		2.200	U	NS		NS		NS		2.200		3.200		NS	
	28-Mar-09	NS		0.488		NS		NS		NS		0.898	U	NS		NS		NS		0.822		1.280	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.208		NS		0.368		NS		0.498	
	22-Jul-09	5.340		NS		5.340		0.868	U	NS		1.380		NS		NS		72.700		1.270		NS	
	8-Oct-09	NS		0.542		NS		NS		0.868		NS		0.343		18.900	U	0.629		NS		0.648	
	15-Jan-10	4.910		NS		0.480		0.480		NS		0.968		NS		NS		0.833		0.848		NS	
	21-Apr-10	NS		0.258		NS		NS		1.170		NS		1.580		1.410		1.240		NS		1.140	
	18-Jul-10	5.570		NS		2.840		2.830		NS		2.100		NS		NS		1.880		2.050		NS	
	15-Oct-10	NS		0.872		NS		NS		0.837		NS		0.868		0.728		1.220		NS		1.140	
	26-Jan-11	1.080		1.900		NS		1.540		NS		1.110		NS		1.190		4.320		5.180		NS	
	28-Feb-11	NS		NS		0.868	U	NS		NS		NS		NS		NS		NS		NS		NS	
Isopropylbenzene	8-Feb-08	2.460	U	NS		NS		NS		2.460	U	NS		NS		NS		2.460	U	2.460	U	NS	
	27-Mar-08	NS		2.460	U	NS		NS		NS		NS		NS		NS		NS		2.460	U	2.460	U
	25-Apr-08	NS		NS		2.460	U	NS		NS		NS		2.460	U	NS		2.460	U	NS		2.460	U
	29-May-08	NS		NS		2.460	U	NS		NS		NS		NS		2.460	U	2.460	U	2.460	U	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		NS		NS		2.460	U	2.460	U	NS	
	30-Sep-08	NS		NS		NS		4.900	U	NS		NS		NS		NS		4.900	U	NS		4.900	U
	27-Oct-08	9.200		NS		NS		NS		4.900	U	NS		NS		NS		NS		4.900	U	4.900	U
	25-Nov-08	NS		4.900	U	NS		NS		NS		4.900	U	NS		NS		5.900	U	4.900	U	NS	
	18-Dec-08	NS		NS		4.900	U	NS		NS		NS		4.900	U	NS		NS		4.900	U	4.900	U
	21-Jan-09	NS		NS		NS		4.900	U	NS		NS		NS		NS		4.900	U	NS		4.900	U
	25-Feb-09	4.900	U	NS		NS		NS		4.900	U	NS		NS		NS		4.900	U	4.900	U	NS	
	28-Mar-09	NS		12.300	U	NS		NS		NS		24.600	U	NS		NS		NS		2.460	U	2.460	U
	29-Apr-09	NS		NS		2.460	U	NS		NS		NS		2.460	U	NS		2.460	U	NS		2.460	U
	22-Jul-09	12.300	U	NS		12.300	U	24.600	U	NS		12.300	U	NS		NS		9.780		2.460	U	NS	
	8-Oct-09	NS		2.740	U	NS		NS		2.460	U	NS		2.460	U	513.000	U	2.460	U	NS		2.460	U
	15-Jan-10	2.460	U	NS		2.460	U	2.460	U	NS		2.460	U	NS		NS		2.460	U	2.460	U	NS	
	21-Apr-10	NS		2.460	U	NS		NS		12.300	U	NS		12.300	U	12.300	U	2.460	U	NS		2.460	U
	18-Jul-10	2.460	U	NS		2.460		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	
1,3,5-Trimethylbenzene	8-Feb-08	0.100	U	NS		NS		NS		0.100	U	NS		NS		NS		0.470		0.880		NS	
	27-Mar-08	NS		0.740		NS		NS		NS		0.098	U	NS		NS		NS		0.348		0.278	
	25-Apr-08	NS		NS		1.600		NS		NS		NS		9.228		NS		0.182		NS		0.134	
	29-May-08	NS		NS		NS		0.180		NS		NS		NS		0.320		0.430		0.180		NS	
	27-Jun-08	0.180		NS		NS		NS		0.483		NS		NS		NS		NS		0.238		0.250	
	31-Jul-08	NS		0.713		NS		NS		NS		NS		NS		NS		0.278		NS		0.224	
	28-Aug-08	NS		NS		0.497		NS		NS		NS		NS		NS		0.215		0.233		NS	
	30-Sep-08	NS		NS		NS		2.500	U	NS		NS		NS		NS		2.500	U	NS		2.500	U
	27-Oct-08	7.800		NS		NS		NS		2.500	U	NS		NS		NS		NS		2.500	U	NS	
	25-Nov-08	NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		2.500	U	2.500	U	NS	
	18-Dec-08	NS		NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		NS		2.500	U
	21-Jan-09	NS		NS		NS		2.500	U	NS		NS		NS		NS		2.500	U	2.500	U	NS	
	25-Feb-09	8.100		NS		NS		NS		2.500	U	NS		NS		NS		NS		2.500	U	NS	
	28-Mar-09	NS		0.491	U	NS		NS		NS		0.982	U	NS		NS		NS		0.337		0.429	
	29-Apr-09	NS		NS		0.147		NS		NS		NS		0.128		NS		0.211		NS		0.249	
	22-Jul-09	3.800		NS		20.000	U	0.982	U	NS		0.491	U	NS		NS		22.700		0.275		NS	
	8-Oct-09	NS		0.249		NS		NS		0.241		NS		0.187		20.500	U	0.368		NS		0.228	
	15-Jan-10	2.150		NS		0.118		0.098	U	NS		0.108		NS		NS		0.290		0.334		NS	
	21-Apr-10	NS		0.098	U	NS		NS		0.491	U	NS		0.491	U	0.491	U	0.177		NS		0.208	
	18-Jul-10	2.760		NS		1.380		1.810		NS		1.870		NS		NS		1.080		1.250		NS	
	15-Oct-10	NS		0.418		NS		NS		0.383		NS		0.279		0.324		0.545		NS		0.540	
	26-Jan-11	0.982	U	0.437		NS		0.472		NS		0.491	U	NS		0.491	U	1.990		2.870		NS	
	28-Feb-11	NS		NS		0.982	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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		MP-9		MP-2		MP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
1,2,4-Trimethylbenzene	8-Feb-08	0.210		NS		NS		NS		0.230		NS		NS		NS		0.880		1.930		NS	
	27-Mar-08	NS		0.304		NS		NS		NS		0.192		NS		NS		NS		0.958		0.881	
	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		NS		1.290		0.480		NS	
	27-Jun-08	7.490		NS		NS		NS		1.150		NS		NS		NS		NS		0.636		0.738	
	31-Jul-08	NS		1.880		NS		NS		NS		NS		NS		NS		0.885		NS		0.885	
	28-Aug-08	NS		NS		0.836		NS		NS		NS		NS		NS		0.849		0.853		NS	
	30-Sep-08	NS		NS		NS		2.500	U	NS		NS		NS		2.500	U	NS				2.500	U
	27-Oct-08	11.400		NS		NS		NS		2.500	U	NS		NS		NS		2.500	U	NS		2.900	
	25-Nov-08	NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		6.400		5.200		NS	
	18-Dec-08	NS		NS		2.500	U	NS		NS		NS		2.500	U	NS		NS		2.500	U	2.500	U
	21-Jan-09	NS		NS		NS		2.500	U	NS		NS		NS		2.500	U	2.500	U	NS		2.500	U
	25-Feb-09	17.900		NS		NS		NS		4.000		NS		NS		NS		6.200		2.900		NS	
	26-Mar-09	NS		0.481	U	NS		NS		NS		0.982	U	NS		NS		NS		1.080		1.580	
	29-Apr-09	NS		NS		0.268		NS		NS		NS		0.378		NS		0.707		NS		0.801	
	22-Jul-09	3.480		NS		20.000	U	0.682	U	NS		0.737		NS		NS		58.400		0.880		NS	
	9-Oct-09	NS		0.707		NS		NS		0.781		NS		0.648		20.900	U	1.380		NS		0.584	
	15-Jan-10	2.870		NS		0.364		0.290		NS		0.314		NS		NS		1.080		1.170		NS	
	21-Apr-10	NS		0.214		NS		NS		0.933		NS		1.420		1.130		0.853		NS		0.702	
	16-Jul-10	8.300		NS		8.230		8.080		NS		6.270		NS		NS		4.280		5.050		NS	
	15-Oct-10	NS		1.290		NS		NS		1.610		NS		1.900		1.380		1.880		NS		2.360	
	26-Jan-11	1.230		1.400		NS		1.600		NS		0.491	U	NS		1.350		6.800		10.400		NS	
	28-Feb-11	NS		NS		0.862	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,3-Dichlorobenzene	8-Feb-08	0.120	U	NS		NS		NS		0.120	U	NS		NS		NS		0.120	U	0.120	U	NS	
	27-Mar-08	NS		0.120	U	NS		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		NS		0.120	U	NS		NS		0.120	U
	29-May-08	NS		NS		NS		1.180		NS		NS		NS		3.470		0.820		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		0.138		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		1.000	U	NS		NS		NS		3.000	U	NS		3.000	U
	25-Nov-08	NS		3.000	U	NS		NS		NS		3.000	U	NS		NS		3.000	U	3.000	U	NS	
	18-Dec-08	NS		NS		3.000	U	NS		NS		NS		3.000	U	NS		NS		3.000	U	3.000	U
	21-Jan-09	NS		NS		NS		3.000	U	NS		NS		NS		3.000	U	3.000	U	NS		3.000	U
	25-Feb-09	3.000	U	NS		NS		NS		3.000	U	NS		NS		NS		NS		3.000	U	NS	
	26-Mar-09	NS		0.601	U	NS		NS		NS		1.200	U	NS		NS		NS		0.120	U	0.120	U
	29-Apr-09	NS		NS		0.120	U	NS		NS		NS		0.120	U	NS		0.120	U	NS		0.120	U
	22-Jul-09	0.601	U	NS		24.900	U	1.200	U	NS		0.601	U	NS		NS		0.120	U	0.380		NS	
	9-Oct-09	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	29.100	U	0.120	U	NS		0.120	U
	15-Jan-10	0.120		NS		0.120	U	0.120	U	NS		0.120	U	NS		NS		0.120	U	0.120	U	NS	
	21-Apr-10	NS		0.120	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	0.120	U	NS		0.120	U
	16-Jul-10	0.596		NS		0.588		1.990		NS		0.607	U	NS		NS		0.132		0.182		NS	
	15-Oct-10	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	0.120	U	0.120	U	NS		0.120	U
	26-Jan-11	1.200	U	0.120	U	NS		0.120	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	NS		NS		1.200	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,4-Dichlorobenzene	8-Feb-08	1.580		NS		NS		NS		0.280		NS		NS		NS		9.900		7.910		NS	
	27-Mar-08	NS		4.330		NS		NS		NS		8.480		NS		NS		NS		6.290		15.100	
	25-Apr-08	NS		NS		0.547		NS		NS		NS		32.300		NS		17.900		NS		16.300	
	29-May-08	NS		NS		NS		5.900		NS		NS		NS		10.000		9.410		4.180		NS	
	27-Jun-08	47.300		NS		NS		NS		38.100		NS		NS		NS		NS		40.800		97.800	
	31-Jul-08	NS		2.480		NS		NS		NS		NS		NS		NS		1.840		NS		2.040	
	28-Aug-08	NS		NS		234.000		NS		NS		NS		214.000		NS		229.000		208.000		NS	
	30-Sep-08	NS		NS		NS		7.200		NS		NS		NS		3.000	U	NS		6.800		5.800	
	27-Oct-08	3.000	U	NS		NS		NS		3.000	U	NS		NS		NS		3.000	U	NS		3.000	U
	25-Nov-08	NS		3.000	U	NS		NS		NS		3.000	U	NS		NS		3.000	U	3.000	U	NS	
	18-Dec-08	NS		NS		3.000	U	NS		NS		NS		4.700		NS		NS		10.300		17.100	
	21-Jan-09	NS		NS		NS		3.000	U	NS		NS		NS		3.000	U	13.900		NS		27.200	
	25-Feb-09	3.000	U	NS		NS		NS		3.000	U	NS		NS		NS		3.000	U	3.000	U	NS	
	26-Mar-09	NS		5.430		NS		-		NS		4.870		NS		NS		NS		29.800		33.000	
	29-Apr-09	NS		NS		1.200		NS		NS		NS		1.910		NS		4.120		NS		4.290	
	22-Jul-09	0.601	U	NS		24.900	U	1.200	U	NS		0.601	U	NS		NS		0.348		0.613		NS	
	9-Oct-09	NS		3.310		NS		NS		3.440		NS		2.790		25.100	U	6.690		NS		3.820	
	15-Jan-10	0.120		NS		1.080		0.715		NS		0.823		NS		NS		2.000		1.980		NS	
	21-Apr-10	NS		0.120	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	3.270		NS		2.840	
	16-Jul-10	1.780		NS		2.300		2.880		NS		1.380		NS		NS		1.630		6.050		NS	
	15-Oct-10	NS		0.885		NS		NS		1.750		NS		1.370		1.480		1.800		NS		2.470	
	26-Jan-11	1.200	U	0.120	U	NS		0.120	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	NS		NS		1.200	U	NS		NS		NS		NS		NS		NS		NS		NS	
sec-Butylbenzene	8-Feb-08	2.740	U	NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	2.740	U	NS	
	27-Mar-08	NS		2.740	U	NS		NS		NS		NS		NS		NS		NS		2.740	U	2.740	U
	25-Apr-08	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	29-May-08	NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	2.740	U	2.740	U	NS	
	27-Jun-08	4.270	U	NS		NS		NS		2.740	U	NS		NS		NS		NS		2.740	U	2.740	U
	31-Jul-08	NS		2.740	U	NS		NS		NS		NS		NS		NS		2.740	U	NS		2.740	U
	28-Aug-08	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	2.740	U	NS	
	30-Sep-08	NS		NS		NS		6.800	U	NS		NS		NS		NS		NS		6.500	U	6.800	U
	27-Oct-08	6.800	U	NS		NS		NS		6.800	U	NS		NS		NS		6.800	U	NS		6.800	U
	25-Nov-08	NS		6.800	U	NS		NS		NS		6.800	U	NS		NS		6.800	U	6.800	U	NS	
	18-Dec-08	NS		NS		6.800	U	NS		NS		NS		6.800	U	NS		NS		6.800	U	6.800	U
	21-Jan-09	NS		NS		NS		6.800	U	NS		NS		NS		6.800	U	6.800	U	NS		6.800	U
	25-Feb-09	6.800	U	NS		NS		NS		6.800	U	NS		NS		NS		NS		6.800	U	NS	
	26-Mar-09	NS		13.700	U	NS		NS		NS		27.400	U	NS		NS		NS		2.740	U	2.740	U
	29-Apr-09	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	22-Jul-09	13.700	U	NS		13.700	U	27.400	U	NS		13.700	U	NS		NS		2.740	U	2.740	U	NS	
	9-Oct-09	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	673.000	U	2.740	U	NS		2.740	U
	15-Jan-10	2.740	U	NS		2.740	U	2.740	U	NS		2.740	U	NS		NS		2.740	U	2.740	U	NS	
	21-Apr-10	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	2.740	U	NS		2.740	U
	16-Jul-10	2.740	U	NS		2.74	U	2.740	U	NS		20.700	U	2.740	U	NS		2.740	U	2.740	U	NS	
	15-Oct-10	NS		2.740	U	NS		NS		2.740	U	NS		2.740		2.740	U	2.740	U	NS		2.740	U
	26-Jan-11	27.400	U	2.740	U	NS		2.740	U	NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	NS	
	28-Feb-11	NS		NS		27.400	U	NS		NS		NS		NS		NS		NS		NS		NS	

Table 2: Summary of Subslab Air Sampling Data - Alvarez School Project - Volatile Organic Compounds
February 2008 - February 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	MP-1	Qual	MP-2	Qual	MP-3	Qual
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		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		5.900	U	NS		NS		NS		5.900	U	NS		5.900	U	5.900	U
	27-Oct-08	12.900		NS		NS		NS		5.900	U	NS		NS		NS		18.900		NS		5.900	U
	25-Nov-08	NS		5.900	U	NS		NS		NS		5.900	U	NS		NS		5.900	U	5.900	U	NS	
	18-Dec-08	NS		NS		5.900	U	NS		NS		NS		5.900	U	NS		NS		5.900	U	5.900	U
	21-Jan-09	NS		NS		NS		5.900	U	NS		NS		NS		5.900	U	5.900	U	NS		5.900	U
	25-Feb-09	5.900	U	NS		NS		NS		5.900	U	NS		NS		NS		NS		5.900	U	NS	
	26-Mar-09	NS		13.700	U	NS		NS		NS		27.400	U	NS		NS		NS		2.740	U	2.740	U
	29-Apr-09	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	22-Jul-09	13.700	U	NS		13.700	U	27.400	U	NS		13.700	U	NS		NS		2.740	U	2.740	U	NS	
	9-Oct-09	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	573.000	U	2.740	U	NS		2.740	U
	15-Jan-10	2.720	U	NS		2.740	U	2.740	U	NS		2.740	U	NS		NS		2.740	U	2.740	U	NS	
	21-Apr-10	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	2.740	U	NS		2.740	U
	16-Jul-10	2.740	U	NS		2.740	U	2.740	U	NS		20.700	U	NS		NS		2.740	U	2.740		NS	
	15-Oct-10	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	2.740	U	2.740	U	NS		2.740	U
	26-Jan-11	27.400	U	2.740	U	NS		2.740	U	NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	NS	
	28-Feb-11	NS		NS		27.400	U	NS		NS		NS		NS		NS		NS		NS		NS	
1,2-Dichlorobenzene	8-Feb-08	0.120	U	NS		NS		NS		0.120	U	NS		NS		NS		0.120	U	0.660		NS	
	27-Mar-08	NS		0.120	U	NS		NS		NS		0.120	U	NS		NS		NS		0.120	U	0.120	U
	25-Apr-08	NS		NS		0.120	U	NS		NS		NS		0.120	U	NS		0.120	U	NS		0.120	U
	29-May-08	NS		NS		NS		0.120	U	NS		NS		NS		NS		0.120	U	0.120	U	NS	
	27-Jun-08	0.187	U	NS		NS		NS		0.120	U	NS		NS		NS		NS		0.120	U	0.120	U
	31-Jul-08	NS		0.120	U	NS		NS		NS		NS		NS		NS		0.120	U	0.120	U	NS	
	28-Aug-08	NS		NS		0.120	U	NS		NS		NS		NS		NS		0.120	U	0.120	U	NS	
	30-Sep-08	NS		NS		3.000	U	NS		NS		NS		NS		NS		3.000	U	NS		3.000	U
	27-Oct-08	3.000	U	NS		NS		NS		3.000	U	NS		NS		NS		3.000	U	NS		3.000	U
	25-Nov-08	NS		3.000	U	NS		NS		NS		3.000	U	NS		NS		3.000	U	NS		3.000	U
	18-Dec-08	NS		NS		3.000	U	NS		NS		NS		NS		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		3.000	U	NS		NS		NS		3.000	U	3.000	U	NS	
	26-Mar-09	NS		0.801	U	NS		NS		NS		1.200	U	NS		NS		NS		0.120	U	0.120	U
	29-Apr-09	NS		NS		0.120	U	NS		NS		NS		0.120	U	NS		0.120	U	NS		0.120	U
	22-Jul-09	0.801	U	NS		24.000	U	1.200	U	NS		0.801	U	NS		NS		0.120	U	0.120	U	NS	
	9-Oct-09	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	25.100	U	0.120	U	NS		0.120	U
	15-Jan-10	0.120	U	NS		0.120	U	0.120	U	NS		0.120	U	NS		NS		0.120	U	0.120	U	NS	
	21-Apr-10	NS		0.120	U	NS		NS		0.801	U	NS		0.801	U	0.801	U	0.120	U	NS		0.120	U
	16-Jul-10	0.120	U	NS		0.120	U	0.120	U	NS		0.801	U	NS		NS		0.120	U	1.200	U	NS	
	15-Oct-10	NS		0.120	U	NS		NS		0.120	U	NS		0.120	U	0.120	U	0.120	U	NS		0.120	U
	26-Jan-11	1.200	U	0.120	U	NS		0.120	U	NS		0.801	U	NS		NS		0.801	U	0.801	U	NS	
	28-Feb-11	NS		NS		1.200	U	NS		NS		NS		NS		NS		NS		NS		NS	
n-Butylbenzene	8-Feb-08	2.740	U	NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	2.740	U	NS	
	27-Mar-08	NS		2.740	U	NS		NS		NS		NS		NS		NS		NS		2.740	U	2.740	U
	25-Apr-08	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	29-May-08	NS		NS		NS		2.740	U	NS		NS		NS		2.740	U	2.740	U	2.740	U	NS	
	27-Jun-08	4.270	U	NS		NS		NS		2.740	U	NS		NS		NS		NS		2.740	U	2.740	U
	31-Jul-08	NS		2.740	U	NS		NS		NS		NS		NS		NS		NS		2.740	U	NS	
	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		5.900	U	NS		NS		NS		NS		5.900	U	NS		5.900	U
	27-Oct-08	22.100		NS		NS		NS		5.900	U	NS		NS		NS		12.800		NS		5.900	U
	25-Nov-08	NS		5.900	U	NS		NS		NS		5.900	U	NS		NS		5.900	U	11.800		NS	
	18-Dec-08	NS		NS		5.900	U	NS		NS		NS		NS		5.900	U	NS		5.900	U	5.900	U
	21-Jan-09	NS		NS		NS		5.900	U	NS		NS		NS		NS		5.900	U	NS		5.900	U
	25-Feb-09	5.900	U	NS		NS		NS		5.900	U	NS		NS		NS		NS		5.900	U	NS	
	26-Mar-09	NS		13.700	U	NS		NS		NS		27.400	U	NS		NS		NS		2.740	U	2.740	U
	29-Apr-09	NS		NS		2.740	U	NS		NS		NS		2.740	U	NS		2.740	U	NS		2.740	U
	22-Jul-09	13.700	U	NS		13.700	U	27.400	U	NS		13.700	U	NS		NS		2.740	U	2.740	U	NS	
	9-Oct-09	NS		1.080	U	NS		NS		2.740	U	NS		2.740	U	573.000	U	2.740	U	NS		2.740	U
	15-Jan-10	2.740	U	NS		2.740	U	2.740	U	NS		2.740	U	NS		NS		2.740	U	2.740	U	NS	
	21-Apr-10	NS		2.740	U	NS		NS		13.700	U	NS		13.700	U	13.700	U	2.740	U	NS		2.740	U
	16-Jul-10	2.740	U	NS		2.740	U	2.740	U	NS		20.700	U	NS		NS		2.740	U	2.740	U	NS	
	15-Oct-10	NS		2.740	U	NS		NS		2.740	U	NS		2.740	U	2.740	U	2.740	U	NS		2.740	U
	26-Jan-11	27.400	U	2.740	U	NS		2.740	U	NS		13.700	U	NS		13.700	U	13.700	U	13.700	U	NS	
	28-Feb-11	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
						27.400	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 Component of Concern per ATSDR Health Consultation, December 4, 2008

Date Modified: 3/10/2011

ATTACHMENT A

Indoor Air Analytical Report
Alpha Analytical
26 January 2011

ALPHA ANALYTICAL

ANALYTICAL REPORT

Lab Number:	L1101200
Client:	EA Engineering, Science and Tech 2374 Post Road Suite 102 Warwick, RI 02886
ATTN:	Frank Postma
Phone:	(401) 736-3440
Project Name:	ALVAREZ HIGH SCHOOL
Project Number:	14687.01
Report Date:	02/11/11

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

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

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1101200-01	GYMNASIUM	PROVIDENCE, RI	01/26/11 08:12
L1101200-02	CAFETERIA	PROVIDENCE, RI	01/26/11 08:12
L1101200-03	ROOM 145	PROVIDENCE, RI	01/26/11 08:09
L1101200-04	KITCHEN STORAGE RM	PROVIDENCE, RI	01/26/11 09:42
L1101200-05	ELEVATOR HALLWAY	PROVIDENCE, RI	01/26/11 08:53
L1101200-06	ROOM 152	PROVIDENCE, RI	01/26/11 08:59
L1101200-07	ROOM 118	PROVIDENCE, RI	01/26/11 08:33
L1101200-08	ROOM 110	PROVIDENCE, RI	01/26/11 08:55
L1101200-09	AMBIENT OUTDOOR	PROVIDENCE, RI	01/26/11 08:15

Project Name:	ALVAREZ HIGH SCHOOL	**Lab Number:**	L1101200
Project Number:	14687.01	**Report Date:**	02/11/11

Case Narrative

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

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

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

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

The canister certification results are provided as an addendum.

Volatile Organics in Air (SIM)

L1101200-01 through -09 and WG454618-5 Duplicate: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to low sample volume upon sample receipt. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

The WG454618-3 LCS recovery for Methyl tert butyl ether (68%) is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore the analysis proceeded.

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

Authorized Signature: Kathleen M. O'Brien Kathleen O'Brien

Title: Technical Director/Representative Date: 02/11/11

AIR

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-01 D
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 20:39
Analyst: RY

Date Collected: 01/26/11 08:12
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.474	0.085	--	2.34	0.421	--		1.705
Chloromethane	ND	0.852	--	ND	1.76	--		1.705
Vinyl chloride	ND	0.034	--	ND	0.087	--		1.705
Chloroethane	ND	0.034	--	ND	0.090	--		1.705
Acetone	4.87	3.41	--	11.6	8.09	--		1.705
Trichlorofluoromethane	0.307	0.085	--	1.72	0.478	--		1.705
Acrylonitrile	ND	0.852	--	ND	1.85	--		1.705
1,1-Dichloroethene	ND	0.034	--	ND	0.135	--		1.705
Methylene chloride	ND	0.852	--	ND	2.96	--		1.705
trans-1,2-Dichloroethene	ND	0.034	--	ND	0.135	--		1.705
1,1-Dichloroethane	ND	0.034	--	ND	0.138	--		1.705
Methyl tert butyl ether	ND	0.034	--	ND	0.123	--		1.705
2-Butanone	ND	0.852	--	ND	2.51	--		1.705
cis-1,2-Dichloroethene	ND	0.034	--	ND	0.135	--		1.705
Chloroform	ND	0.034	--	ND	0.166	--		1.705
1,2-Dichloroethane	ND	0.034	--	ND	0.138	--		1.705
1,1,1-Trichloroethane	ND	0.034	--	ND	0.186	--		1.705
Benzene	0.929	0.170	--	2.97	0.544	--		1.705
Carbon tetrachloride	0.080	0.034	--	0.504	0.214	--		1.705
1,2-Dichloropropane	ND	0.034	--	ND	0.157	--		1.705
Bromodichloromethane	ND	0.034	--	ND	0.228	--		1.705
Trichloroethene	0.099	0.034	--	0.531	0.183	--		1.705
cis-1,3-Dichloropropene	ND	0.034	--	ND	0.155	--		1.705
4-Methyl-2-pentanone	ND	0.852	--	ND	3.49	--		1.705
trans-1,3-Dichloropropene	ND	0.034	--	ND	0.155	--		1.705

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-01 D
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:12
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	–	ND	0.186	–		1.705
Toluene	1.50	0.085	–	5.64	0.321	–		1.705
Dibromochloromethane	ND	0.034	–	ND	0.290	–		1.705
1,2-Dibromoethane	ND	0.034	–	ND	0.262	–		1.705
Tetrachloroethene	0.055	0.034	–	0.370	0.231	–		1.705
1,1,1,2-Tetrachloroethane	ND	0.034	–	ND	0.234	–		1.705
Chlorobenzene	ND	0.034	–	ND	0.157	–		1.705
Ethylbenzene	0.254	0.034	–	1.10	0.148	–		1.705
p/m-Xylene	0.670	0.068	–	2.91	0.296	–		1.705
Bromoform	ND	0.034	–	ND	0.352	–		1.705
Styrene	0.041	0.034	–	0.174	0.145	–		1.705
1,1,2,2-Tetrachloroethane	ND	0.034	–	ND	0.234	–		1.705
o-Xylene	0.235	0.034	–	1.02	0.148	–		1.705
Isopropylbenzene	ND	0.852	–	ND	4.19	–		1.705
1,3,5-Trimethylbenzene	0.073	0.034	–	0.360	0.168	–		1.705
1,2,4-Trimethylbenzene	0.225	0.034	–	1.10	0.168	–		1.705
1,3-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.705
1,4-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.705
sec-Butylbenzene	ND	0.852	–	ND	4.68	–		1.705
p-Isopropyltoluene	ND	0.852	–	ND	4.68	–		1.705
1,2-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.705
n-Butylbenzene	ND	0.852	–	ND	4.68	–		1.705

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-01 D
Client ID: GYMNASIUM
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:12
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-02 D
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 21:17
Analyst: RY

Date Collected: 01/26/11 08:12
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.534	0.085	–	2.64	0.420	–		1.7
Chloromethane	ND	0.850	–	ND	1.75	–		1.7
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.7
Chloroethane	ND	0.034	–	ND	0.090	–		1.7
Acetone	8.78	3.40	–	20.8	8.07	–		1.7
Trichlorofluoromethane	0.348	0.085	–	1.96	0.477	–		1.7
Acrylonitrile	ND	0.850	–	ND	1.84	–		1.7
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Methylene chloride	ND	0.850	–	ND	2.95	–		1.7
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
Methyl tert butyl ether	ND	0.034	–	ND	0.122	–		1.7
2-Butanone	1.08	0.850	–	3.19	2.50	–		1.7
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Chloroform	0.070	0.034	–	0.340	0.166	–		1.7
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
1,1,1-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Benzene	0.906	0.170	–	2.89	0.543	–		1.7
Carbon tetrachloride	0.080	0.034	–	0.502	0.214	–		1.7
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.7
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.7
Trichloroethene	0.094	0.034	–	0.502	0.182	–		1.7
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7
4-Methyl-2-pentanone	ND	0.850	–	ND	3.48	–		1.7
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-02 D
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:12
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Toluene	1.59	0.085	–	5.97	0.320	–		1.7
Dibromochloromethane	ND	0.034	–	ND	0.289	–		1.7
1,2-Dibromoethane	ND	0.034	–	ND	0.261	–		1.7
Tetrachloroethene	0.071	0.034	–	0.484	0.230	–		1.7
1,1,1,2-Tetrachloroethane	ND	0.034	–	ND	0.233	–		1.7
Chlorobenzene	ND	0.034	–	ND	0.156	–		1.7
Ethylbenzene	0.231	0.034	–	1.00	0.148	–		1.7
p/m-Xylene	0.600	0.068	–	2.60	0.295	–		1.7
Bromoform	ND	0.034	–	ND	0.351	–		1.7
Styrene	0.053	0.034	–	0.224	0.145	–		1.7
1,1,2,2-Tetrachloroethane	ND	0.034	–	ND	0.233	–		1.7
o-Xylene	0.226	0.034	–	0.981	0.148	–		1.7
Isopropylbenzene	ND	0.850	–	ND	4.18	–		1.7
1,3,5-Trimethybenzene	0.066	0.034	–	0.326	0.167	–		1.7
1,2,4-Trimethylbenzene	0.228	0.034	–	1.12	0.167	–		1.7
1,3-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
1,4-Dichlorobenzene	0.078	0.034	–	0.470	0.204	–		1.7
sec-Butylbenzene	ND	0.850	–	ND	4.66	–		1.7
p-Isopropyltoluene	ND	0.850	–	ND	4.66	–		1.7
1,2-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
n-Butylbenzene	ND	0.850	–	ND	4.66	–		1.7

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-02 D
Client ID: CAFETERIA
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:12
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	84		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-03 D
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 21:54
Analyst: RY

Date Collected: 01/26/11 08:09
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.479	0.085	–	2.37	0.420	–		1.7
Chloromethane	ND	0.850	–	ND	1.75	–		1.7
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.7
Chloroethane	ND	0.034	–	ND	0.090	–		1.7
Acetone	5.31	3.40	–	12.6	8.07	–		1.7
Trichlorofluoromethane	0.291	0.085	–	1.63	0.477	–		1.7
Acrylonitrile	ND	0.850	–	ND	1.84	–		1.7
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Methylene chloride	1.52	0.850	–	5.29	2.95	–		1.7
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
Methyl tert butyl ether	ND	0.034	–	ND	0.122	–		1.7
2-Butanone	0.894	0.850	–	2.64	2.50	–		1.7
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Chloroform	ND	0.034	–	ND	0.166	–		1.7
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
1,1,1-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Benzene	0.802	0.170	–	2.56	0.543	–		1.7
Carbon tetrachloride	0.077	0.034	–	0.481	0.214	–		1.7
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.7
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.7
Trichloroethene	0.080	0.034	–	0.429	0.182	–		1.7
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7
4-Methyl-2-pentanone	ND	0.850	–	ND	3.48	–		1.7
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-03 D
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:09
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Toluene	1.55	0.085	–	5.83	0.320	–		1.7
Dibromochloromethane	ND	0.034	–	ND	0.289	–		1.7
1,2-Dibromoethane	ND	0.034	–	ND	0.261	–		1.7
Tetrachloroethene	0.051	0.034	–	0.346	0.230	–		1.7
1,1,1,2-Tetrachloroethane	ND	0.034	–	ND	0.233	–		1.7
Chlorobenzene	ND	0.034	–	ND	0.156	–		1.7
Ethylbenzene	0.219	0.034	–	0.951	0.148	–		1.7
p/m-Xylene	0.585	0.068	–	2.54	0.295	–		1.7
Bromoform	ND	0.034	–	ND	0.351	–		1.7
Styrene	ND	0.034	–	ND	0.145	–		1.7
1,1,2,2-Tetrachloroethane	ND	0.034	–	ND	0.233	–		1.7
o-Xylene	0.212	0.034	–	0.922	0.148	–		1.7
Isopropylbenzene	ND	0.850	–	ND	4.18	–		1.7
1,3,5-Trimethybenzene	0.060	0.034	–	0.292	0.167	–		1.7
1,2,4-Trimethylbenzene	0.177	0.034	–	0.868	0.167	–		1.7
1,3-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
1,4-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
sec-Butylbenzene	ND	0.850	–	ND	4.66	–		1.7
p-Isopropyltoluene	ND	0.850	–	ND	4.66	–		1.7
1,2-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
n-Butylbenzene	ND	0.850	–	ND	4.66	–		1.7

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L1101200

Project Number: 14687.01 **Report Date:** 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-03 D
Client ID: ROOM 145
Sample Location: PROVIDENCE, RI

Date Collected: 01/26/11 08:09
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	88		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-04 D
Client ID: KITCHEN STORAGE RM
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 22:32
Analyst: RY

Date Collected: 01/26/11 09:42
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.543	0.085	–	2.68	0.422	–		1.707
Chloromethane	ND	0.854	–	ND	1.76	–		1.707
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.707
Chloroethane	ND	0.034	–	ND	0.090	–		1.707
Acetone	12.0	3.41	–	28.5	8.10	–		1.707
Trichlorofluoromethane	0.318	0.085	–	1.78	0.479	–		1.707
Acrylonitrile	ND	0.854	–	ND	1.85	–		1.707
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
Methylene chloride	1.30	0.854	–	4.53	2.96	–		1.707
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.707
Methyl tert butyl ether	ND	0.034	–	ND	0.123	–		1.707
2-Butanone	0.922	0.854	–	2.72	2.52	–		1.707
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
Chloroform	0.072	0.034	–	0.350	0.166	–		1.707
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.707
1,1,1-Trichloroethane	ND	0.034	–	ND	0.186	–		1.707
Benzene	0.915	0.171	–	2.92	0.545	–		1.707
Carbon tetrachloride	0.089	0.034	–	0.558	0.215	–		1.707
1,2-Dichloropropane	ND	0.034	–	ND	0.158	–		1.707
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.707
Trichloroethene	0.106	0.034	–	0.568	0.183	–		1.707
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.707
4-Methyl-2-pentanone	ND	0.854	–	ND	3.49	–		1.707
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.707

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-04 D
Client ID: KITCHEN STORAGE RM
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 09:42
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	--	ND	0.186	--		1.707
Toluene	1.56	0.085	--	5.86	0.321	--		1.707
Dibromochloromethane	ND	0.034	--	ND	0.291	--		1.707
1,2-Dibromoethane	ND	0.034	--	ND	0.262	--		1.707
Tetrachloroethene	0.094	0.034	--	0.636	0.231	--		1.707
1,1,1,2-Tetrachloroethane	ND	0.034	--	ND	0.234	--		1.707
Chlorobenzene	ND	0.034	--	ND	0.157	--		1.707
Ethylbenzene	0.241	0.034	--	1.04	0.148	--		1.707
p/m-Xylene	0.649	0.068	--	2.81	0.296	--		1.707
Bromoform	ND	0.034	--	ND	0.353	--		1.707
Styrene	0.077	0.034	--	0.327	0.145	--		1.707
1,1,2,2-Tetrachloroethane	ND	0.034	--	ND	0.234	--		1.707
o-Xylene	0.230	0.034	--	1.00	0.148	--		1.707
Isopropylbenzene	ND	0.854	--	ND	4.19	--		1.707
1,3,5-Trimethybenzene	0.060	0.034	--	0.293	0.168	--		1.707
1,2,4-Trimethylbenzene	0.205	0.034	--	1.01	0.168	--		1.707
1,3-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.707
1,4-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.707
sec-Butylbenzene	ND	0.854	--	ND	4.68	--		1.707
p-Isopropyltoluene	ND	0.854	--	ND	4.68	--		1.707
1,2-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.707
n-Butylbenzene	ND	0.854	--	ND	4.68	--		1.707

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-04 D
Client ID: KITCHEN STORAGE RM
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 09:42
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	89		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-05 D
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 23:09
Analyst: RY

Date Collected: 01/26/11 08:53
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.538	0.085	–	2.66	0.421	–		1.703
Chloromethane	ND	0.852	–	ND	1.76	–		1.703
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.703
Chloroethane	ND	0.034	–	ND	0.090	–		1.703
Acetone	6.29	3.41	–	14.9	8.08	–		1.703
Trichlorofluoromethane	0.310	0.085	–	1.74	0.478	–		1.703
Acrylonitrile	ND	0.852	–	ND	1.85	–		1.703
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.703
Methylene chloride	ND	0.852	–	ND	2.96	–		1.703
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.703
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.703
Methyl tert butyl ether	ND	0.034	–	ND	0.123	–		1.703
2-Butanone	ND	0.852	–	ND	2.51	–		1.703
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.703
Chloroform	0.049	0.034	–	0.241	0.166	–		1.703
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.703
1,1,1-Trichloroethane	ND	0.034	–	ND	0.186	–		1.703
Benzene	1.03	0.170	–	3.29	0.544	–		1.703
Carbon tetrachloride	0.090	0.034	–	0.567	0.214	–		1.703
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.703
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.703
Trichloroethene	0.112	0.034	–	0.604	0.183	–		1.703
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.703
4-Methyl-2-pentanone	ND	0.852	–	ND	3.48	–		1.703
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.703

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-05 D
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:53
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	--	ND	0.186	--		1.703
Toluene	1.72	0.085	--	6.49	0.321	--		1.703
Dibromochloromethane	ND	0.034	--	ND	0.290	--		1.703
1,2-Dibromoethane	ND	0.034	--	ND	0.261	--		1.703
Tetrachloroethene	0.083	0.034	--	0.566	0.231	--		1.703
1,1,1,2-Tetrachloroethane	ND	0.034	--	ND	0.234	--		1.703
Chlorobenzene	ND	0.034	--	ND	0.157	--		1.703
Ethylbenzene	0.281	0.034	--	1.22	0.148	--		1.703
p/m-Xylene	0.766	0.068	--	3.32	0.296	--		1.703
Bromoform	ND	0.034	--	ND	0.352	--		1.703
Styrene	0.051	0.034	--	0.217	0.145	--		1.703
1,1,2,2-Tetrachloroethane	ND	0.034	--	ND	0.234	--		1.703
o-Xylene	0.266	0.034	--	1.15	0.148	--		1.703
Isopropylbenzene	ND	0.852	--	ND	4.18	--		1.703
1,3,5-Trimethybenzene	0.083	0.034	--	0.410	0.167	--		1.703
1,2,4-Trimethylbenzene	0.245	0.034	--	1.20	0.167	--		1.703
1,3-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.703
1,4-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.703
sec-Butylbenzene	ND	0.852	--	ND	4.67	--		1.703
p-Isopropyltoluene	ND	0.852	--	ND	4.67	--		1.703
1,2-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.703
n-Butylbenzene	ND	0.852	--	ND	4.67	--		1.703

Project Name: ALVAREZ HIGH SCHOOL
Lab Number: L1101200
Project Number: 14687.01
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-05 D
Client ID: ELEVATOR HALLWAY
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:53
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	82		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-06 D
Client ID: ROOM 152
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/11/11 00:23
Analyst: RY

Date Collected: 01/26/11 08:59
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.517	0.085	–	2.56	0.422	–		1.707
Chloromethane	ND	0.854	–	ND	1.76	–		1.707
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.707
Chloroethane	ND	0.034	–	ND	0.090	–		1.707
Acetone	10.1	3.41	–	24.0	8.10	–		1.707
Trichlorofluoromethane	0.348	0.085	–	1.95	0.479	–		1.707
Acrylonitrile	ND	0.854	–	ND	1.85	–		1.707
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
Methylene chloride	ND	0.854	–	ND	2.96	–		1.707
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.707
Methyl tert butyl ether	ND	0.034	–	ND	0.123	–		1.707
2-Butanone	0.920	0.854	–	2.71	2.52	–		1.707
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
Chloroform	0.034	0.034	–	0.166	0.166	–		1.707
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.707
1,1,1-Trichloroethane	ND	0.034	–	ND	0.186	–		1.707
Benzene	1.15	0.171	–	3.66	0.545	–		1.707
Carbon tetrachloride	0.089	0.034	–	0.558	0.215	–		1.707
1,2-Dichloropropane	ND	0.034	–	ND	0.158	–		1.707
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.707
Trichloroethene	0.102	0.034	–	0.550	0.183	–		1.707
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.707
4-Methyl-2-pentanone	1.65	0.854	–	6.76	3.49	–		1.707
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.707

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-06 D
Client ID: ROOM 152
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:59
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	–	ND	0.186	–		1.707
Toluene	1.92	0.085	–	7.23	0.321	–		1.707
Dibromochloromethane	ND	0.034	–	ND	0.291	–		1.707
1,2-Dibromoethane	ND	0.034	–	ND	0.262	–		1.707
Tetrachloroethene	0.085	0.034	–	0.578	0.231	–		1.707
1,1,1,2-Tetrachloroethane	ND	0.034	–	ND	0.234	–		1.707
Chlorobenzene	ND	0.034	–	ND	0.157	–		1.707
Ethylbenzene	0.306	0.034	–	1.32	0.148	–		1.707
p/m-Xylene	0.795	0.068	–	3.45	0.296	–		1.707
Bromoform	ND	0.034	–	ND	0.353	–		1.707
Styrene	0.043	0.034	–	0.182	0.145	–		1.707
1,1,2,2-Tetrachloroethane	ND	0.034	–	ND	0.234	–		1.707
o-Xylene	0.294	0.034	–	1.27	0.148	–		1.707
Isopropylbenzene	ND	0.854	–	ND	4.19	–		1.707
1,3,5-Trimethylbenzene	0.061	0.034	–	0.302	0.168	–		1.707
1,2,4-Trimethylbenzene	0.210	0.034	–	1.03	0.168	–		1.707
1,3-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.707
1,4-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.707
sec-Butylbenzene	ND	0.854	–	ND	4.68	–		1.707
p-Isopropyltoluene	ND	0.854	–	ND	4.68	–		1.707
1,2-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.707
n-Butylbenzene	ND	0.854	–	ND	4.68	–		1.707

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-06 D
Client ID: ROOM 152
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:59
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor

Volatile Organics in Air by SIM - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	83		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-07 D
Client ID: ROOM 118
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/11/11 00:59
Analyst: RY

Date Collected: 01/26/11 08:33
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.435	0.085	–	2.15	0.422	–		1.707
Chloromethane	ND	0.854	–	ND	1.76	–		1.707
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.707
Chloroethane	ND	0.034	–	ND	0.090	–		1.707
Acetone	5.69	3.41	–	13.5	8.10	–		1.707
Trichlorofluoromethane	0.288	0.085	–	1.62	0.479	–		1.707
Acrylonitrile	ND	0.854	–	ND	1.85	–		1.707
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
Methylene chloride	ND	0.854	–	ND	2.96	–		1.707
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.707
Methyl tert butyl ether	ND	0.034	–	ND	0.123	–		1.707
2-Butanone	ND	0.854	–	ND	2.52	–		1.707
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.707
Chloroform	ND	0.034	–	ND	0.166	–		1.707
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.707
1,1,1-Trichloroethane	ND	0.034	–	ND	0.186	–		1.707
Benzene	0.922	0.171	–	2.94	0.545	–		1.707
Carbon tetrachloride	0.075	0.034	–	0.472	0.215	–		1.707
1,2-Dichloropropane	ND	0.034	–	ND	0.158	–		1.707
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.707
Trichloroethene	0.094	0.034	–	0.504	0.183	–		1.707
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.707
4-Methyl-2-pentanone	ND	0.854	–	ND	3.49	–		1.707
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.707

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-07 D
Client ID: ROOM 118
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:33
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	--	ND	0.186	--		1.707
Toluene	1.55	0.085	--	5.84	0.321	--		1.707
Dibromochloromethane	ND	0.034	--	ND	0.291	--		1.707
1,2-Dibromoethane	ND	0.034	--	ND	0.262	--		1.707
Tetrachloroethene	0.065	0.034	--	0.440	0.231	--		1.707
1,1,1,2-Tetrachloroethane	ND	0.034	--	ND	0.234	--		1.707
Chlorobenzene	ND	0.034	--	ND	0.157	--		1.707
Ethylbenzene	0.230	0.034	--	1.00	0.148	--		1.707
p/m-Xylene	0.597	0.068	--	2.59	0.296	--		1.707
Bromoform	ND	0.034	--	ND	0.353	--		1.707
Styrene	0.043	0.034	--	0.182	0.145	--		1.707
1,1,2,2-Tetrachloroethane	ND	0.034	--	ND	0.234	--		1.707
o-Xylene	0.218	0.034	--	0.948	0.148	--		1.707
Isopropylbenzene	ND	0.854	--	ND	4.19	--		1.707
1,3,5-Trimethylbenzene	0.053	0.034	--	0.260	0.168	--		1.707
1,2,4-Trimethylbenzene	0.159	0.034	--	0.780	0.168	--		1.707
1,3-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.707
1,4-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.707
sec-Butylbenzene	ND	0.854	--	ND	4.68	--		1.707
p-Isopropyltoluene	ND	0.854	--	ND	4.68	--		1.707
1,2-Dichlorobenzene	ND	0.034	--	ND	0.205	--		1.707
n-Butylbenzene	ND	0.854	--	ND	4.68	--		1.707

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1101200

Project Number: 14687.01 ***Report Date:*** 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-07 D
Client ID: ROOM 118
Sample Location: PROVIDENCE, RI

Date Collected: 01/26/11 08:33
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**

Volatile Organics in Air by SIM - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-08 D
Client ID: ROOM 110
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/11/11 01:36
Analyst: RY

Date Collected: 01/26/11 08:55
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.523	0.085	–	2.58	0.420	–		1.698
Chloromethane	ND	0.849	–	ND	1.75	–		1.698
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.698
Chloroethane	ND	0.034	–	ND	0.090	–		1.698
Acetone	14.0	3.40	–	33.2	8.06	–		1.698
Trichlorofluoromethane	0.350	0.085	–	1.96	0.477	–		1.698
Acrylonitrile	ND	0.849	–	ND	1.84	–		1.698
1,1-Dichloroethene	ND	0.034	–	ND	0.134	–		1.698
Methylene chloride	ND	0.849	–	ND	2.95	–		1.698
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.134	–		1.698
1,1-Dichloroethane	ND	0.034	–	ND	0.137	–		1.698
Methyl tert butyl ether	ND	0.034	–	ND	0.122	–		1.698
2-Butanone	ND	0.849	–	ND	2.50	–		1.698
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.134	–		1.698
Chloroform	0.037	0.034	–	0.182	0.166	–		1.698
1,2-Dichloroethane	ND	0.034	–	ND	0.137	–		1.698
1,1,1-Trichloroethane	ND	0.034	–	ND	0.185	–		1.698
Benzene	1.07	0.170	–	3.43	0.542	–		1.698
Carbon tetrachloride	0.090	0.034	–	0.566	0.213	–		1.698
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.698
Bromodichloromethane	ND	0.034	–	ND	0.227	–		1.698
Trichloroethene	0.109	0.034	–	0.584	0.182	–		1.698
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.698
4-Methyl-2-pentanone	14.5	0.849	–	59.5	3.48	–		1.698
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.698

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-08 D
Client ID: ROOM 110
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:55
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	--	ND	0.185	--		1.698
Toluene	1.61	0.085	--	6.05	0.320	--		1.698
Dibromochloromethane	ND	0.034	--	ND	0.289	--		1.698
1,2-Dibromoethane	ND	0.034	--	ND	0.261	--		1.698
Tetrachloroethene	0.107	0.034	--	0.725	0.230	--		1.698
1,1,1,2-Tetrachloroethane	ND	0.034	--	ND	0.233	--		1.698
Chlorobenzene	ND	0.034	--	ND	0.156	--		1.698
Ethylbenzene	0.255	0.034	--	1.10	0.147	--		1.698
p/m-Xylene	0.644	0.068	--	2.79	0.295	--		1.698
Bromoform	ND	0.034	--	ND	0.351	--		1.698
Styrene	0.048	0.034	--	0.202	0.144	--		1.698
1,1,2,2-Tetrachloroethane	ND	0.034	--	ND	0.233	--		1.698
o-Xylene	0.238	0.034	--	1.03	0.147	--		1.698
Isopropylbenzene	ND	0.849	--	ND	4.17	--		1.698
1,3,5-Trimethybenzene	0.054	0.034	--	0.267	0.167	--		1.698
1,2,4-Trimethylbenzene	0.187	0.034	--	0.917	0.167	--		1.698
1,3-Dichlorobenzene	ND	0.034	--	ND	0.204	--		1.698
1,4-Dichlorobenzene	0.053	0.034	--	0.316	0.204	--		1.698
sec-Butylbenzene	ND	0.849	--	ND	4.66	--		1.698
p-Isopropyltoluene	ND	0.849	--	ND	4.66	--		1.698
1,2-Dichlorobenzene	ND	0.034	--	ND	0.204	--		1.698
n-Butylbenzene	ND	0.849	--	ND	4.66	--		1.698

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-08 D
Client ID: ROOM 110
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:55
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	83		60-140
chlorobenzene-d5	82		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-09 D
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/11/11 02:13
Analyst: RY

Date Collected: 01/26/11 08:15
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.493	0.085	–	2.44	0.420	–		1.7
Chloromethane	ND	0.850	–	ND	1.75	–		1.7
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.7
Chloroethane	ND	0.034	–	ND	0.090	–		1.7
Acetone	4.15	3.40	–	9.85	8.07	–		1.7
Trichlorofluoromethane	0.318	0.085	–	1.78	0.477	–		1.7
Acrylonitrile	ND	0.850	–	ND	1.84	–		1.7
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Methylene chloride	ND	0.850	–	ND	2.95	–		1.7
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
Methyl tert butyl ether	ND	0.034	–	ND	0.122	–		1.7
2-Butanone	ND	0.850	–	ND	2.50	–		1.7
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Chloroform	ND	0.034	–	ND	0.166	–		1.7
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
1,1,1-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Benzene	1.05	0.170	–	3.35	0.543	–		1.7
Carbon tetrachloride	0.077	0.034	–	0.481	0.214	–		1.7
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.7
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.7
Trichloroethene	0.143	0.034	–	0.767	0.182	–		1.7
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7
4-Methyl-2-pentanone	ND	0.850	–	ND	3.48	–		1.7
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-09 D
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:15
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Toluene	1.91	0.085	–	7.21	0.320	–		1.7
Dibromochloromethane	ND	0.034	–	ND	0.289	–		1.7
1,2-Dibromoethane	ND	0.034	–	ND	0.261	–		1.7
Tetrachloroethene	0.063	0.034	–	0.426	0.230	–		1.7
1,1,1,2-Tetrachloroethane	ND	0.034	–	ND	0.233	–		1.7
Chlorobenzene	ND	0.034	–	ND	0.156	–		1.7
Ethylbenzene	0.299	0.034	–	1.30	0.148	–		1.7
p/m-Xylene	0.802	0.068	–	3.48	0.295	–		1.7
Bromoform	ND	0.034	–	ND	0.351	–		1.7
Styrene	0.044	0.034	–	0.188	0.145	–		1.7
1,1,2,2-Tetrachloroethane	ND	0.034	–	ND	0.233	–		1.7
o-Xylene	0.294	0.034	–	1.28	0.148	–		1.7
Isopropylbenzene	ND	0.850	–	ND	4.18	–		1.7
1,3,5-Trimethylbenzene	0.070	0.034	–	0.342	0.167	–		1.7
1,2,4-Trimethylbenzene	0.202	0.034	–	0.994	0.167	–		1.7
1,3-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
1,4-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
sec-Butylbenzene	ND	0.850	–	ND	4.66	–		1.7
p-Isopropyltoluene	ND	0.850	–	ND	4.66	–		1.7
1,2-Dichlorobenzene	ND	0.034	–	ND	0.204	–		1.7
n-Butylbenzene	ND	0.850	–	ND	4.66	–		1.7

Project Name: ALVAREZ HIGH SCHOOL
Lab Number: L1101200
Project Number: 14687.01
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101200-09 D
Client ID: AMBIENT OUTDOOR
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:15
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 15:40

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG454618-4								
Dichlorodifluoromethane	ND	0.050	–	ND	0.247	–		1
Chloromethane	ND	0.500	–	ND	1.03	–		1
Vinyl chloride	ND	0.020	–	ND	0.051	–		1
Chloroethane	ND	0.020	–	ND	0.053	–		1
Acetone	ND	2.00	–	ND	4.75	–		1
Trichlorofluoromethane	ND	0.050	–	ND	0.281	–		1
Acrylonitrile	ND	0.500	–	ND	1.08	–		1
1,1-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Methylene chloride	ND	0.500	–	ND	1.74	–		1
trans-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
1,1-Dichloroethane	ND	0.020	–	ND	0.081	–		1
Methyl tert butyl ether	ND	0.020	–	ND	0.072	–		1
2-Butanone	ND	0.500	–	ND	1.47	–		1
cis-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Chloroform	ND	0.020	–	ND	0.098	–		1
1,2-Dichloroethane	ND	0.020	–	ND	0.081	–		1
1,1,1-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Benzene	ND	0.100	–	ND	0.319	–		1
Carbon tetrachloride	ND	0.020	–	ND	0.126	–		1
1,2-Dichloropropane	ND	0.020	–	ND	0.092	–		1
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
Trichloroethene	ND	0.020	–	ND	0.107	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 15:40

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG454618-4								
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG454618-3								
Dichlorodifluoromethane	98		-		70-130	-		25
Chloromethane	79		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	90		-		70-130	-		25
Vinyl chloride	90		-		70-130	-		25
1,3-Butadiene	87		-		70-130	-		25
Bromomethane	87		-		70-130	-		25
Chloroethane	85		-		70-130	-		25
Acetone	75		-		70-130	-		25
Trichlorofluoromethane	92		-		70-130	-		25
Acrylonitrile	74		-		70-130	-		25
1,1-Dichloroethene	88		-		70-130	-		25
Methylene chloride	85		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		-		70-130	-		25
Halothane	82		-		70-130	-		25
trans-1,2-Dichloroethene	82		-		70-130	-		25
1,1-Dichloroethane	87		-		70-130	-		25
Methyl tert butyl ether	68	Q	-		70-130	-		25
2-Butanone	74		-		70-130	-		25
cis-1,2-Dichloroethene	81		-		70-130	-		25
Chloroform	87		-		70-130	-		25
1,2-Dichloroethane	81		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG454618-3								
1,1,1-Trichloroethane	90		-		70-130	-		25
Benzene	77		-		70-130	-		25
Carbon tetrachloride	95		-		70-130	-		25
1,2-Dichloropropane	88		-		70-130	-		25
Bromodichloromethane	89		-		70-130	-		25
Trichloroethene	87		-		70-130	-		25
1,4-Dioxane	67	Q	-		70-130	-		25
cis-1,3-Dichloropropene	85		-		70-130	-		25
4-Methyl-2-pentanone	82		-		70-130	-		25
trans-1,3-Dichloropropene	70		-		70-130	-		25
1,1,2-Trichloroethane	92		-		70-130	-		25
Toluene	76		-		70-130	-		25
Dibromochloromethane	92		-		70-130	-		25
1,2-Dibromoethane	89		-		70-130	-		25
Tetrachloroethene	91		-		70-130	-		25
1,1,1,2-Tetrachloroethane	90		-		70-130	-		25
Chlorobenzene	88		-		70-130	-		25
Ethylbenzene	75		-		70-130	-		25
p/m-Xylene	80		-		70-130	-		25
Bromoform	90		-		70-130	-		25
Styrene	77		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG454618-3								
1,1,2,2-Tetrachloroethane	91		-		70-130	-		25
o-Xylene	81		-		70-130	-		25
Isopropylbenzene	80		-		70-130	-		25
1,3,5-Trimethylbenzene	84		-		70-130	-		25
1,2,4-Trimethylbenzene	88		-		70-130	-		25
1,3-Dichlorobenzene	90		-		70-130	-		25
1,4-Dichlorobenzene	87		-		70-130	-		25
sec-Butylbenzene	86		-		70-130	-		25
p-Isopropyltoluene	78		-		70-130	-		25
1,2-Dichlorobenzene	88		-		70-130	-		25
n-Butylbenzene	82		-		70-130	-		25
1,2,4-Trichlorobenzene	86		-		70-130	-		25
Naphthalene	84		-		70-130	-		25
1,2,3-Trichlorobenzene	90		-		70-130	-		25
Hexachlorobutadiene	92		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG454618-5 QC Sample: L1101200-05 Client ID: ELEVATOR HALLWAY						
Dichlorodifluoromethane	0.538	0.489	ppbV	10		25
Chloromethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Acetone	6.29	5.99	ppbV	5		25
Trichlorofluoromethane	0.310	0.286	ppbV	8		25
Acrylonitrile	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.049	0.048	ppbV	4		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	1.03	0.976	ppbV	5		25
Carbon tetrachloride	0.090	0.085	ppbV	6		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG454618-5 QC Sample: L1101200-05 Client ID: ELEVATOR HALLWAY					
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	0.112	0.106	ppbV	6	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	1.72	1.62	ppbV	6	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.083	0.078	ppbV	6	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.281	0.264	ppbV	6	25
p/m-Xylene	0.766	0.717	ppbV	7	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.051	0.048	ppbV	7	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.266	0.249	ppbV	7	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG454618-5 QC Sample: L1101200-05 Client ID: ELEVATOR HALLWAY					
Isopropylbenzene	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	0.083	0.078	ppbV	6	25
1,2,4-Trimethylbenzene	0.245	0.233	ppbV	5	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25

Project Name: ALVAREZ HIGH SCHOOL

Lab Number: L1101200

Project Number: 14687.01

Report Date: 02/11/11

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (In. Hg)	Pressure on Receipt (In. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1101200-01	GYMNASIUM	0283	#90 SV		-	-	70	70	0
L1101200-01	GYMNASIUM	630	6.0L Can	L1100583	-29.4	-18.1	-	-	-
L1101200-02	CAFETERIA	0391	#90 AMVB		-	-	68	69	1
L1101200-02	CAFETERIA	1052	6.0L Can	L1100583	-29.4	-18.5	-	-	-
L1101200-03	ROOM 145	0467	#90 AMB		-	-	66	73	10
L1101200-03	ROOM 145	619	6.0L Can	L1100583	-29.1	-17.5	-	-	-
L1101200-04	KITCHEN STORAGE RM	0211	#30 AMB		-	-	66	70	6
L1101200-04	KITCHEN STORAGE RM	710	6.0L Can	I1100327	-29.1	-18.8	-	-	-
L1101200-05	ELEVATOR HALLWAY	0396	#90 AMB		-	-	72	70	3
L1101200-05	ELEVATOR HALLWAY	962	6.0L Can	I1100005	-29.4	-17.6	-	-	-
L1101200-06	ROOM 152	0076	#90 AMB		-	-	70	72	3
L1101200-06	ROOM 152	1615	6.0L Can	I1100327	-29.4	-16.8	-	-	-
L1101200-07	ROOM 118	0140	#90 AMB		-	-	72	75	4
L1101200-07	ROOM 118	1592	6.0L Can	I1100005	-29.4	-17.0	-	-	-
L1101200-08	ROOM 110	0085	#90 AMB		-	-	66	68	3
L1101200-08	ROOM 110	613	6.0L Can	I1100327	-29.4	-17.8	-	-	-
L1101200-09	AMBIENT OUTDOOR	0194	#90 SV		-	-	66	62	6

Project Name: ALVAREZ HIGH SCHOOL
Lab Number: L1101200

Project Number: 14687.01
Report Date: 02/11/11

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (In. Hg)	Pressure on Receipt (In. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1101200-09	AMBIENT OUTDOOR	1619	6.0L Can	I1100327	-29.4	-16.4	-	-	-

Air Volatiles Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/04/11 20:58
Analyst: BS

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	–	ND	3.47	–		1
3-Chloropropene	ND	0.200	–	ND	0.626	–		1
Carbon disulfide	ND	0.200	–	ND	0.622	–		1
Freon-113	ND	0.200	–	ND	1.53	–		1
trans-1,2-Dichloroethene	ND	0.200	–	ND	0.792	–		1
1,1-Dichloroethane	ND	0.200	–	ND	0.809	–		1
Methyl tert butyl ether	ND	0.200	–	ND	0.720	–		1
Vinyl acetate	ND	0.200	–	ND	0.704	–		1
2-Butanone	ND	0.200	–	ND	0.589	–		1
cis-1,2-Dichloroethene	ND	0.200	–	ND	0.792	–		1
Ethyl Acetate	ND	0.500	–	ND	1.80	–		1
Chloroform	ND	0.200	–	ND	0.976	–		1
Tetrahydrofuran	ND	0.200	–	ND	0.589	–		1
2,2-Dichloropropane	ND	0.200	–	ND	0.923	–		1
1,2-Dichloroethane	ND	0.200	–	ND	0.809	–		1
n-Hexane	ND	0.200	–	ND	0.704	–		1
Diisopropyl ether	ND	0.200	–	ND	0.835	–		1
tert-Butyl Ethyl Ether	ND	0.200	–	ND	0.835	–		1
1,1,1-Trichloroethane	ND	0.200	–	ND	1.09	–		1
1,1-Dichloropropene	ND	0.200	–	ND	0.907	–		1
Benzene	ND	0.200	–	ND	0.638	–		1
Carbon tetrachloride	ND	0.200	–	ND	1.26	–		1
Cyclohexane	ND	0.200	–	ND	0.688	–		1
tert-Amyl Methyl Ether	ND	0.200	–	ND	0.835	–		1
Dibromomethane	ND	0.200	–	ND	1.42	–		1
1,2-Dichloropropane	ND	0.200	–	ND	0.924	–		1
Bromodichloromethane	ND	0.200	–	ND	1.34	–		1
1,4-Dioxane	ND	0.200	–	ND	0.720	–		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor

Volatile Organics in Air (Low Level) - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	80		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/04/11 20:58
Analyst: BS

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
Trichloroethene	ND	0.020	–	ND	0.107	–		1
1,4-Dioxane	ND	0.100	–	ND	0.360	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
1,1,2-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Toluene	ND	0.050	–	ND	0.188	–		1
Dibromochloromethane	ND	0.020	–	ND	0.170	–		1
1,2-Dibromoethane	ND	0.020	–	ND	0.154	–		1
Tetrachloroethene	ND	0.020	–	ND	0.136	–		1
1,1,1,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
Chlorobenzene	ND	0.020	–	ND	0.092	–		1
Ethylbenzene	ND	0.020	–	ND	0.087	–		1
p/m-Xylene	ND	0.040	–	ND	0.174	–		1
Bromoform	ND	0.020	–	ND	0.206	–		1
Styrene	ND	0.020	–	ND	0.085	–		1
1,1,2,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
o-Xylene	ND	0.020	–	ND	0.087	–		1
Isopropylbenzene	ND	0.500	–	ND	2.46	–		1
1,3,5-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,2,4-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,3-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
1,4-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
sec-Butylbenzene	ND	0.500	–	ND	2.74	–		1
p-Isopropyltoluene	ND	0.500	–	ND	2.74	–		1
1,2-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
n-Butylbenzene	ND	0.500	–	ND	2.74	–		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	82		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/08/11 17:24
Analyst: RY

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

	ppbV			ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100327

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01 Date Collected: 01/06/11 00:00

Client ID: CAN 613 SHELF 37 Date Received: 01/06/11

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.622	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.589	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.923	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
Diisopropyl ether	ND	0.200	--	ND	0.835	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.835	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.907	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.835	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.720	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor

Volatile Organics in Air (Low Level) - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	79		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/08/11 17:24
Analyst: RY

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
Trichloroethene	ND	0.020	–	ND	0.107	–		1
1,4-Dioxane	ND	0.100	–	ND	0.360	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
1,1,2-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Toluene	ND	0.050	–	ND	0.188	–		1
Dibromochloromethane	ND	0.020	–	ND	0.170	–		1
1,2-Dibromoethane	ND	0.020	–	ND	0.154	–		1
Tetrachloroethene	ND	0.020	–	ND	0.136	–		1
1,1,1,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
Chlorobenzene	ND	0.020	–	ND	0.092	–		1
Ethylbenzene	ND	0.020	–	ND	0.087	–		1
p/m-Xylene	ND	0.040	–	ND	0.174	–		1
Bromoform	ND	0.020	–	ND	0.206	–		1
Styrene	ND	0.020	–	ND	0.085	–		1
1,1,2,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
o-Xylene	ND	0.020	–	ND	0.087	–		1
Isopropylbenzene	ND	0.500	–	ND	2.46	–		1
1,3,5-Trimethybenzene	ND	0.020	–	ND	0.098	–		1
1,2,4-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,3-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
1,4-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
sec-Butylbenzene	ND	0.500	–	ND	2.74	–		1
p-Isopropyltoluene	ND	0.500	–	ND	2.74	–		1
1,2-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
n-Butylbenzene	ND	0.500	–	ND	2.74	–		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100327

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01 Date Collected: 01/06/11 00:00

Client ID: CAN 613 SHELF 37 Date Received: 01/06/11

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	89		60-140

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1100583

Project Number: Not Specified ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100583-01
Client ID: CAN 619 FC 0467
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/14/11 11:52
Analyst: BS

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified

Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-01
Client ID: CAN 619 FC 0467
Sample Location: PROVIDENCE, RI

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
1,4-Dioxane	ND	0.100	–	ND	0.360	–		1
Trichloroethene	ND	0.020	–	ND	0.107	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
1,1,2-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Toluene	ND	0.050	–	ND	0.188	–		1
Dibromochloromethane	ND	0.020	–	ND	0.170	–		1
1,2-Dibromoethane	ND	0.020	–	ND	0.154	–		1
Tetrachloroethene	ND	0.020	–	ND	0.136	–		1
1,1,1,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
Chlorobenzene	ND	0.020	–	ND	0.092	–		1
Ethylbenzene	ND	0.020	–	ND	0.087	–		1
p/m-Xylene	ND	0.040	–	ND	0.174	–		1
Bromoform	ND	0.020	–	ND	0.206	–		1
Styrene	ND	0.020	–	ND	0.085	–		1
1,1,2,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
o-Xylene	ND	0.020	–	ND	0.087	–		1
Isopropylbenzene	ND	0.500	–	ND	2.46	–		1
1,3,5-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,2,4-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,3-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
1,4-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
sec-Butylbenzene	ND	0.500	–	ND	2.74	–		1
p-Isopropyltoluene	ND	0.500	–	ND	2.74	–		1
1,2-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
n-Butylbenzene	ND	0.500	–	ND	2.74	–		1

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1100583

Project Number: Not Specified ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100583-01 Date Collected: 01/14/11 00:00

Client ID: CAN 619 FC 0467 Date Received: 01/14/11

Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified
Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-01
Client ID: CAN 619 FC 0467
Sample Location: PROVIDENCE, RI
Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	88		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified
Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-02
Client ID: CAN 630 FC 0283
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/14/11 12:30
Analyst: BS

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	–	ND	0.247	–		1
Chloromethane	ND	0.500	–	ND	1.03	–		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	–	ND	0.349	–		1
Vinyl chloride	ND	0.020	–	ND	0.051	–		1
1,3-Butadiene	ND	0.020	–	ND	0.044	–		1
Bromomethane	ND	0.020	–	ND	0.078	–		1
Chloroethane	ND	0.020	–	ND	0.053	–		1
Acetone	ND	2.00	–	ND	4.75	–		1
Trichlorofluoromethane	ND	0.050	–	ND	0.281	–		1
Acrylonitrile	ND	0.500	–	ND	1.08	–		1
1,1-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Methylene chloride	ND	1.00	–	ND	3.47	–		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	–	ND	0.383	–		1
Halothane	ND	0.050	–	ND	0.403	–		1
trans-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
1,1-Dichloroethane	ND	0.020	–	ND	0.081	–		1
Methyl tert butyl ether	ND	0.020	–	ND	0.072	–		1
2-Butanone	ND	0.500	–	ND	1.47	–		1
cis-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Chloroform	ND	0.020	–	ND	0.098	–		1
1,2-Dichloroethane	ND	0.020	–	ND	0.081	–		1
1,1,1-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Benzene	ND	0.100	–	ND	0.319	–		1
Carbon tetrachloride	ND	0.020	–	ND	0.126	–		1
1,2-Dichloropropane	ND	0.020	–	ND	0.092	–		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified

Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-02
Client ID: CAN 630 FC 0283
Sample Location: PROVIDENCE, RI

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1100583

Project Number: Not Specified ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100583-02 Date Collected: 01/14/11 00:00

Client ID: CAN 630 FC 0283 Date Received: 01/14/11

Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified

Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-02
Client ID: CAN 630 FC 0283
Sample Location: PROVIDENCE, RI

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	86		60-140

Project Name: ALVAREZ HIGH SCHOOL
Lab Number: L1100583
Project Number: Not Specified
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-03
Client ID: CAN 1052 FC 0194
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/14/11 13:07
Analyst: BS

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified

Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-03
Client ID: CAN 1052 FC 0194
Sample Location: PROVIDENCE, RI

Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
1,4-Dioxane	ND	0.100	–	ND	0.360	–		1
Trichloroethene	ND	0.020	–	ND	0.107	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
1,1,2-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Toluene	ND	0.050	–	ND	0.188	–		1
Dibromochloromethane	ND	0.020	–	ND	0.170	–		1
1,2-Dibromoethane	ND	0.020	–	ND	0.154	–		1
Tetrachloroethene	ND	0.020	–	ND	0.136	–		1
1,1,1,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
Chlorobenzene	ND	0.020	–	ND	0.092	–		1
Ethylbenzene	ND	0.020	–	ND	0.087	–		1
p/m-Xylene	ND	0.040	–	ND	0.174	–		1
Bromoform	ND	0.020	–	ND	0.206	–		1
Styrene	ND	0.020	–	ND	0.085	–		1
1,1,2,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
o-Xylene	ND	0.020	–	ND	0.087	–		1
Isopropylbenzene	ND	0.500	–	ND	2.46	–		1
1,3,5-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,2,4-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,3-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
1,4-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
sec-Butylbenzene	ND	0.500	–	ND	2.74	–		1
p-Isopropyltoluene	ND	0.500	–	ND	2.74	–		1
1,2-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
n-Butylbenzene	ND	0.500	–	ND	2.74	–		1

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1100583

Project Number: Not Specified ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100583-03 Date Collected: 01/14/11 00:00

Client ID: CAN 1052 FC 0194 Date Received: 01/14/11

Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: Not Specified
Lab Number: L1100583
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100583-03
Client ID: CAN 1052 FC 0194
Sample Location: PROVIDENCE, RI
Date Collected: 01/14/11 00:00
Date Received: 01/14/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	105		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	91		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100327
Report Date: 02/11/11

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1100327-01	Date Collected:	01/06/11 00:00
Client ID:	CAN 613 SHELF 37	Date Received:	01/06/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	01/14/11 11:54		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons In Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	–	1
Methyl tert butyl ether	ND		ug/m3	2.0	–	1
Benzene	ND		ug/m3	2.0	–	1
Toluene	ND		ug/m3	2.0	–	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	–	1
Ethylbenzene	ND		ug/m3	2.0	–	1
p/m-Xylene	ND		ug/m3	4.0	–	1
o-Xylene	ND		ug/m3	2.0	–	1
Naphthalene	ND		ug/m3	2.0	–	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	–	1
C9-C10 Aromatics Total	ND		ug/m3	10	–	1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101200
Report Date: 02/11/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**
Cooler
N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1101200-01A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-02A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-03A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-04A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-05A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-06A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-07A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-08A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101200-09A	Canister - 6 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L1101200

Project Number: 14687.01 **Report Date:** 02/11/11

GLOSSARY

Acronyms

EPA · Environmental Protection Agency.

LCS · Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD · Laboratory Control Sample Duplicate: Refer to LCS.

MDL · Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS · Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD · Matrix Spike Sample Duplicate: Refer to MS.

NA · Not Applicable.

NC · Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI · Not Ignitable.

RL · Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD · Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

A · Spectra identified as "Aldol Condensation Product".

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

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

G · The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

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

I · The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

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

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when

Project Name:	ALVAREZ HIGH SCHOOL	**Lab Number:**	L1101200
Project Number:	14687.01	**Report Date:**	02/11/11

Data Qualifiers

the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

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

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101200
Report Date: 02/11/11

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised July 19, 2010 – Mansfield Facility

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

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

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

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

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

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

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

Air & Emissions (EPA TO-15.)

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

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

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

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

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

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

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

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

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

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

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

Atmospheric Organic Parameters (EPA TO-15)

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

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

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

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

Air & Emissions (EPA TO-15.)

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

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

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

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

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8260, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

U.S. Army Corps of Engineers

Department of Defense Certificate/Lab ID: L2217.01.

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312,3051, 6020, 747A, 7474, 9045C,9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl.

Serial_No:02111115:40

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 1 OF 1

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

Date Rec'd in Lab:

ALPHA Job #: L1101200

Client Information

Client: EA Engineering
Address: 2374 Post Rd Suite 102
Phone: 401-736-3440
Fax:
Email: rmack@eaest.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Alvarez High School
Project Location: Providence, RI
Project #: 14687.01
Project Manager: Frank Postma
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

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

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
1200-01	Gymnasium	1/26/11	741	812	~~29.40~~	18.71	AA	RM		630	0283			X					6 ppb
-02	Cafeteria		~~741~~	812	~~13.60~~	18.62				1052	0391								8
03	Room 145		739	809	29.12	17.75				619	0467								0
04	Kitchen Storage Rm		910	942	13.60	3.46				710	211								11
05	Elevator Hallway		819	853	29.99	18.04				962	396								4
-06	Room 152		823	859	29.38	16.64				1615	0096								179
-07	Room 118		759	833	29.59	17.24				1592	0140								6
-08	Room 110		821	855	29.64	18.03				613	0085								258
-09	Ambient Outdoor		743	815	29.56	17.36				1619	0194								0

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

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	1/26/11 1604	[signature]	1/26/11 1605
[signature]	1/28/11 1715	[signature]	1/28/11 1715

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

ALPHA ANALYTICAL

ANALYTICAL REPORT

Lab Number:	L1101372
Client:	EA Engineering, Science and Tech 2374 Post Road Suite 102 Warwick, RI 02886
ATTN:	Frank Postma
Phone:	(401) 736-3440
Project Name:	ALVAREZ HIGH SCHOOL
Project Number:	14687.01
Report Date:	02/11/11

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

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

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1101372-01	ROOM 149	PROVIDENCE, RI	01/26/11 08:58
L1101372-02	ROOM 234	PROVIDENCE, RI	01/26/11 08:45

Project Name:	ALVAREZ HIGH SCHOOL	**Lab Number:**	L1101372
Project Number:	14687.01	**Report Date:**	02/11/11

Case Narrative

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

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

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

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

The canister certification results are provided as an addendum.

Volatile Organics in Air (SIM)

L1101372-01 and -02: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to low sample volume upon sample receipt. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

The WG454618-3 LCS recovery for Methyl tert butyl ether (68%) is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore the analysis proceeded.

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

Authorized Signature: Kathleen M. O'Brien Kathleen O'Brien

Title: Technical Director/Representative Date: 02/11/11

AIR

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101372
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101372-01 D
Client ID: ROOM 149
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/11/11 02:51
Analyst: RY

Date Collected: 01/26/11 08:58
Date Received: 02/03/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.450	0.085	–	2.23	0.420	–		1.7
Chloromethane	ND	0.850	–	ND	1.75	–		1.7
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.7
Chloroethane	ND	0.034	–	ND	0.090	–		1.7
Acetone	9.04	3.40	–	21.5	8.07	–		1.7
Trichlorofluoromethane	0.265	0.085	–	1.49	0.477	–		1.7
Acrylonitrile	ND	0.850	–	ND	1.84	–		1.7
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Methylene chloride	1.41	0.850	–	4.88	2.95	–		1.7
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
Methyl tert butyl ether	ND	0.034	–	ND	0.122	–		1.7
2-Butanone	ND	0.850	–	ND	2.50	–		1.7
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.7
Chloroform	ND	0.034	–	ND	0.166	–		1.7
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.7
1,1,1-Trichloroethane	ND	0.034	–	ND	0.185	–		1.7
Benzene	0.921	0.170	–	2.94	0.543	–		1.7
Carbon tetrachloride	0.077	0.034	–	0.481	0.214	–		1.7
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.7
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.7
Trichloroethene	0.090	0.034	–	0.484	0.182	–		1.7
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7
4-Methyl-2-pentanone	ND	0.850	–	ND	3.48	–		1.7
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.154	–		1.7

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101372
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101372-01 D
Client ID: ROOM 149
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:58
Date Received: 02/03/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	--	ND	0.185	--		1.7
Toluene	1.50	0.085	--	5.65	0.320	--		1.7
Dibromochloromethane	ND	0.034	--	ND	0.289	--		1.7
1,2-Dibromoethane	ND	0.034	--	ND	0.261	--		1.7
Tetrachloroethene	0.070	0.034	--	0.472	0.230	--		1.7
1,1,1,2-Tetrachloroethane	ND	0.034	--	ND	0.233	--		1.7
Chlorobenzene	ND	0.034	--	ND	0.156	--		1.7
Ethylbenzene	0.228	0.034	--	0.988	0.148	--		1.7
p/m-Xylene	0.622	0.068	--	2.70	0.295	--		1.7
Bromoform	ND	0.034	--	ND	0.351	--		1.7
Styrene	0.041	0.034	--	0.174	0.145	--		1.7
1,1,2,2-Tetrachloroethane	ND	0.034	--	ND	0.233	--		1.7
o-Xylene	0.231	0.034	--	1.00	0.148	--		1.7
Isopropylbenzene	ND	0.850	--	ND	4.18	--		1.7
1,3,5-Trimethybenzene	0.068	0.034	--	0.334	0.167	--		1.7
1,2,4-Trimethylbenzene	0.204	0.034	--	1.00	0.167	--		1.7
1,3-Dichlorobenzene	ND	0.034	--	ND	0.204	--		1.7
1,4-Dichlorobenzene	ND	0.034	--	ND	0.204	--		1.7
sec-Butylbenzene	ND	0.850	--	ND	4.66	--		1.7
p-Isopropyltoluene	ND	0.850	--	ND	4.66	--		1.7
1,2-Dichlorobenzene	ND	0.034	--	ND	0.204	--		1.7
n-Butylbenzene	ND	0.850	--	ND	4.66	--		1.7

Project Name: ALVAREZ HIGH SCHOOL
Lab Number: L1101372
Project Number: 14687.01
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101372-01 D
Client ID: ROOM 149
Sample Location: PROVIDENCE, RI

Date Collected: 01/26/11 08:58
Date Received: 02/03/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101372-02 D
Client ID: ROOM 234
Sample Location: PROVIDENCE, RI
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/11/11 03:30
Analyst: RY

Date Collected: 01/26/11 08:45
Date Received: 02/03/11
Field Prep: Not Specified

	ppbV			ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.501	0.085	–	2.48	0.421	–		1.705
Chloromethane	ND	0.852	–	ND	1.76	–		1.705
Vinyl chloride	ND	0.034	–	ND	0.087	–		1.705
Chloroethane	ND	0.034	–	ND	0.090	–		1.705
Acetone	6.71	3.41	–	15.9	8.09	–		1.705
Trichlorofluoromethane	0.344	0.085	–	1.93	0.478	–		1.705
Acrylonitrile	ND	0.852	–	ND	1.85	–		1.705
1,1-Dichloroethene	ND	0.034	–	ND	0.135	–		1.705
Methylene chloride	ND	0.852	–	ND	2.96	–		1.705
trans-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.705
1,1-Dichloroethane	ND	0.034	–	ND	0.138	–		1.705
Methyl tert butyl ether	ND	0.034	–	ND	0.123	–		1.705
2-Butanone	ND	0.852	–	ND	2.51	–		1.705
cis-1,2-Dichloroethene	ND	0.034	–	ND	0.135	–		1.705
Chloroform	0.034	0.034	–	0.166	0.166	–		1.705
1,2-Dichloroethane	ND	0.034	–	ND	0.138	–		1.705
1,1,1-Trichloroethane	ND	0.034	–	ND	0.186	–		1.705
Benzene	0.892	0.170	–	2.85	0.544	–		1.705
Carbon tetrachloride	0.089	0.034	–	0.557	0.214	–		1.705
1,2-Dichloropropane	ND	0.034	–	ND	0.157	–		1.705
Bromodichloromethane	ND	0.034	–	ND	0.228	–		1.705
Trichloroethene	0.087	0.034	–	0.467	0.183	–		1.705
cis-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.705
4-Methyl-2-pentanone	ND	0.852	–	ND	3.49	–		1.705
trans-1,3-Dichloropropene	ND	0.034	–	ND	0.155	–		1.705

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101372
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101372-02 D
Client ID: ROOM 234
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:45
Date Received: 02/03/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.034	–	ND	0.186	–		1.705
Toluene	1.06	0.085	–	4.00	0.321	–		1.705
Dibromochloromethane	ND	0.034	–	ND	0.290	–		1.705
1,2-Dibromoethane	ND	0.034	–	ND	0.262	–		1.705
Tetrachloroethene	0.063	0.034	–	0.428	0.231	–		1.705
1,1,1,2-Tetrachloroethane	ND	0.034	–	ND	0.234	–		1.705
Chlorobenzene	ND	0.034	–	ND	0.157	–		1.705
Ethylbenzene	0.107	0.034	–	0.466	0.148	–		1.705
p/m-Xylene	0.232	0.068	–	1.01	0.296	–		1.705
Bromoform	ND	0.034	–	ND	0.352	–		1.705
Styrene	ND	0.034	–	ND	0.145	–		1.705
1,1,2,2-Tetrachloroethane	ND	0.034	–	ND	0.234	–		1.705
o-Xylene	0.090	0.034	–	0.392	0.148	–		1.705
Isopropylbenzene	ND	0.852	–	ND	4.19	–		1.705
1,3,5-Trimethybenzene	ND	0.034	–	ND	0.168	–		1.705
1,2,4-Trimethylbenzene	ND	0.034	–	ND	0.168	–		1.705
1,3-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.705
1,4-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.705
sec-Butylbenzene	ND	0.852	–	ND	4.68	–		1.705
p-Isopropyltoluene	ND	0.852	–	ND	4.68	–		1.705
1,2-Dichlorobenzene	ND	0.034	–	ND	0.205	–		1.705
n-Butylbenzene	ND	0.852	–	ND	4.68	–		1.705

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101372
Report Date: 02/11/11

SAMPLE RESULTS

Lab ID: L1101372-02 D
Client ID: ROOM 234
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 08:45
Date Received: 02/03/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor

Volatile Organics in Air by SIM - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	79		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101372
Report Date: 02/11/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 15:40

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-02 Batch: WG454618-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/10/11 15:40

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-02 Batch: WG454618-4								
1,1,2-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Toluene	ND	0.050	–	ND	0.188	–		1
Dibromochloromethane	ND	0.020	–	ND	0.170	–		1
1,2-Dibromoethane	ND	0.020	–	ND	0.154	–		1
Tetrachloroethene	ND	0.020	–	ND	0.136	–		1
1,1,1,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
Chlorobenzene	ND	0.020	–	ND	0.092	–		1
Ethylbenzene	ND	0.020	–	ND	0.087	–		1
p/m-Xylene	ND	0.040	–	ND	0.174	–		1
Bromoform	ND	0.020	–	ND	0.206	–		1
Styrene	ND	0.020	–	ND	0.085	–		1
1,1,2,2-Tetrachloroethane	ND	0.020	–	ND	0.137	–		1
o-Xylene	ND	0.020	–	ND	0.087	–		1
Isopropylbenzene	ND	0.500	–	ND	2.46	–		1
1,3,5-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,2,4-Trimethylbenzene	ND	0.020	–	ND	0.098	–		1
1,3-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
1,4-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
sec-Butylbenzene	ND	0.500	–	ND	2.74	–		1
p-Isopropyltoluene	ND	0.500	–	ND	2.74	–		1
1,2-Dichlorobenzene	ND	0.020	–	ND	0.120	–		1
n-Butylbenzene	ND	0.500	–	ND	2.74	–		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG454618-3								
Dichlorodifluoromethane	98		-		70-130	-		25
Chloromethane	79		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	90		-		70-130	-		25
Vinyl chloride	90		-		70-130	-		25
1,3-Butadiene	87		-		70-130	-		25
Bromomethane	87		-		70-130	-		25
Chloroethane	85		-		70-130	-		25
Acetone	75		-		70-130	-		25
Trichlorofluoromethane	92		-		70-130	-		25
Acrylonitrile	74		-		70-130	-		25
1,1-Dichloroethene	88		-		70-130	-		25
Methylene chloride	85		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		-		70-130	-		25
Halothane	82		-		70-130	-		25
trans-1,2-Dichloroethene	82		-		70-130	-		25
1,1-Dichloroethane	87		-		70-130	-		25
Methyl tert butyl ether	68	Q	-		70-130	-		25
2-Butanone	74		-		70-130	-		25
cis-1,2-Dichloroethene	81		-		70-130	-		25
Chloroform	87		-		70-130	-		25
1,2-Dichloroethane	81		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG454618-3								
1,1,1-Trichloroethane	90		-		70-130	-		25
Benzene	77		-		70-130	-		25
Carbon tetrachloride	95		-		70-130	-		25
1,2-Dichloropropane	88		-		70-130	-		25
Bromodichloromethane	89		-		70-130	-		25
Trichloroethene	87		-		70-130	-		25
1,4-Dioxane	67	Q	-		70-130	-		25
cis-1,3-Dichloropropene	85		-		70-130	-		25
4-Methyl-2-pentanone	82		-		70-130	-		25
trans-1,3-Dichloropropene	70		-		70-130	-		25
1,1,2-Trichloroethane	92		-		70-130	-		25
Toluene	76		-		70-130	-		25
Dibromochloromethane	92		-		70-130	-		25
1,2-Dibromoethane	89		-		70-130	-		25
Tetrachloroethene	91		-		70-130	-		25
1,1,1,2-Tetrachloroethane	90		-		70-130	-		25
Chlorobenzene	88		-		70-130	-		25
Ethylbenzene	75		-		70-130	-		25
p/m-Xylene	80		-		70-130	-		25
Bromoform	90		-		70-130	-		25
Styrene	77		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG454618-3								
1,1,2,2-Tetrachloroethane	91		-		70-130	-		25
o-Xylene	81		-		70-130	-		25
Isopropylbenzene	80		-		70-130	-		25
1,3,5-Trimethylbenzene	84		-		70-130	-		25
1,2,4-Trimethylbenzene	88		-		70-130	-		25
1,3-Dichlorobenzene	90		-		70-130	-		25
1,4-Dichlorobenzene	87		-		70-130	-		25
sec-Butylbenzene	86		-		70-130	-		25
p-Isopropyltoluene	78		-		70-130	-		25
1,2-Dichlorobenzene	88		-		70-130	-		25
n-Butylbenzene	82		-		70-130	-		25
1,2,4-Trichlorobenzene	86		-		70-130	-		25
Naphthalene	84		-		70-130	-		25
1,2,3-Trichlorobenzene	90		-		70-130	-		25
Hexachlorobutadiene	92		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG454618-5 QC Sample: L1101200-05 Client ID: DUP Sample						
Dichlorodifluoromethane	0.538	0.489	ppbV	10		25
Chloromethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Acetone	6.29	5.99	ppbV	5		25
Trichlorofluoromethane	0.310	0.286	ppbV	8		25
Acrylonitrile	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.049	0.048	ppbV	4		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	1.03	0.976	ppbV	5		25
Carbon tetrachloride	0.090	0.085	ppbV	6		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG454618-5 QC Sample: L1101200-05 Client ID: DUP Sample					
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	0.112	0.106	ppbV	6	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	1.72	1.62	ppbV	6	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	0.083	0.078	ppbV	6	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.281	0.264	ppbV	6	25
p/m-Xylene	0.766	0.717	ppbV	7	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.051	0.048	ppbV	7	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.266	0.249	ppbV	7	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG454618-5 QC Sample: L1101200-05 Client ID: DUP Sample					
Isopropylbenzene	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	0.083	0.078	ppbV	6	25
1,2,4-Trimethylbenzene	0.245	0.233	ppbV	5	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25

Project Name: ALVAREZ HIGH SCHOOL
Lab Number: L1101372

Project Number: 14687.01
Report Date: 02/11/11

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (In. Hg)	Pressure on Receipt (In. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1101372-01	ROOM 149	0477	#90 SV		-	-	66	72	9
L1101372-01	ROOM 149	968	6.0L Can	I1100005	-29.1	-18.2	-	-	-
L1101372-02	ROOM 234	0155	#90 SV		-	-	70	71	1
L1101372-02	ROOM 234	1667	6.0L Can	I1100327	-29.4	-15.9	-	-	-

Air Volatiles Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/04/11 20:58
Analyst: BS

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	–	ND	3.47	–		1
3-Chloropropene	ND	0.200	–	ND	0.626	–		1
Carbon disulfide	ND	0.200	–	ND	0.622	–		1
Freon-113	ND	0.200	–	ND	1.53	–		1
trans-1,2-Dichloroethene	ND	0.200	–	ND	0.792	–		1
1,1-Dichloroethane	ND	0.200	–	ND	0.809	–		1
Methyl tert butyl ether	ND	0.200	–	ND	0.720	–		1
Vinyl acetate	ND	0.200	–	ND	0.704	–		1
2-Butanone	ND	0.200	–	ND	0.589	–		1
cis-1,2-Dichloroethene	ND	0.200	–	ND	0.792	–		1
Ethyl Acetate	ND	0.500	–	ND	1.80	–		1
Chloroform	ND	0.200	–	ND	0.976	–		1
Tetrahydrofuran	ND	0.200	–	ND	0.589	–		1
2,2-Dichloropropane	ND	0.200	–	ND	0.923	–		1
1,2-Dichloroethane	ND	0.200	–	ND	0.809	–		1
n-Hexane	ND	0.200	–	ND	0.704	–		1
Diisopropyl ether	ND	0.200	–	ND	0.835	–		1
tert-Butyl Ethyl Ether	ND	0.200	–	ND	0.835	–		1
1,1,1-Trichloroethane	ND	0.200	–	ND	1.09	–		1
1,1-Dichloropropene	ND	0.200	–	ND	0.907	–		1
Benzene	ND	0.200	–	ND	0.638	–		1
Carbon tetrachloride	ND	0.200	–	ND	1.26	–		1
Cyclohexane	ND	0.200	–	ND	0.688	–		1
tert-Amyl Methyl Ether	ND	0.200	–	ND	0.835	–		1
Dibromomethane	ND	0.200	–	ND	1.42	–		1
1,2-Dichloropropane	ND	0.200	–	ND	0.924	–		1
Bromodichloromethane	ND	0.200	–	ND	1.34	–		1
1,4-Dioxane	ND	0.200	–	ND	0.720	–		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**

Volatile Organics in Air (Low Level) - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	80		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/04/11 20:58
Analyst: BS

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100005
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01
Client ID: CAN 685 SHELF 51
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100005

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100005-01 Date Collected: 12/30/10 00:00

Client ID: CAN 685 SHELF 51 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor

Volatile Organics in Air by SIM - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	82		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/08/11 17:24
Analyst: RY

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	–	ND	3.47	–		1
3-Chloropropene	ND	0.200	–	ND	0.626	–		1
Carbon disulfide	ND	0.200	–	ND	0.622	–		1
Freon-113	ND	0.200	–	ND	1.53	–		1
trans-1,2-Dichloroethene	ND	0.200	–	ND	0.792	–		1
1,1-Dichloroethane	ND	0.200	–	ND	0.809	–		1
Methyl tert butyl ether	ND	0.200	–	ND	0.720	–		1
Vinyl acetate	ND	0.200	–	ND	0.704	–		1
2-Butanone	ND	0.200	–	ND	0.589	–		1
cis-1,2-Dichloroethene	ND	0.200	–	ND	0.792	–		1
Ethyl Acetate	ND	0.500	–	ND	1.80	–		1
Chloroform	ND	0.200	–	ND	0.976	–		1
Tetrahydrofuran	ND	0.200	–	ND	0.589	–		1
2,2-Dichloropropane	ND	0.200	–	ND	0.923	–		1
1,2-Dichloroethane	ND	0.200	–	ND	0.809	–		1
n-Hexane	ND	0.200	–	ND	0.704	–		1
Diisopropyl ether	ND	0.200	–	ND	0.835	–		1
tert-Butyl Ethyl Ether	ND	0.200	–	ND	0.835	–		1
1,1,1-Trichloroethane	ND	0.200	–	ND	1.09	–		1
1,1-Dichloropropene	ND	0.200	–	ND	0.907	–		1
Benzene	ND	0.200	–	ND	0.638	–		1
Carbon tetrachloride	ND	0.200	–	ND	1.26	–		1
Cyclohexane	ND	0.200	–	ND	0.688	–		1
tert-Amyl Methyl Ether	ND	0.200	–	ND	0.835	–		1
Dibromomethane	ND	0.200	–	ND	1.42	–		1
1,2-Dichloropropane	ND	0.200	–	ND	0.924	–		1
Bromodichloromethane	ND	0.200	–	ND	1.34	–		1
1,4-Dioxane	ND	0.200	–	ND	0.720	–		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100327

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01 Date Collected: 01/06/11 00:00

Client ID: CAN 613 SHELF 37 Date Received: 01/06/11

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	–	ND	1.28	–		1
2-Chlorotoluene	ND	0.200	–	ND	1.03	–		1
n-Propylbenzene	ND	0.200	–	ND	0.982	–		1
4-Chlorotoluene	ND	0.200	–	ND	1.03	–		1
4-Ethyltoluene	ND	0.200	–	ND	0.982	–		1
1,3,5-Trimethybenzene	ND	0.200	–	ND	0.982	–		1
tert-Butylbenzene	ND	0.200	–	ND	1.10	–		1
1,2,4-Trimethylbenzene	ND	0.200	–	ND	0.982	–		1
Decane	ND	0.200	–	ND	1.16	–		1
Benzyl chloride	ND	0.200	–	ND	1.03	–		1
1,3-Dichlorobenzene	ND	0.200	–	ND	1.20	–		1
1,4-Dichlorobenzene	ND	0.200	–	ND	1.20	–		1
sec-Butylbenzene	ND	0.200	–	ND	1.10	–		1
p-Isopropyltoluene	ND	0.200	–	ND	1.10	–		1
1,2-Dichlorobenzene	ND	0.200	–	ND	1.20	–		1
n-Butylbenzene	ND	0.200	–	ND	1.10	–		1
1,2-Dibromo-3-chloropropane	ND	0.200	–	ND	1.93	–		1
Undecane	ND	0.200	–	ND	1.28	–		1
Dodecane	ND	0.200	–	ND	1.39	–		1
1,2,4-Trichlorobenzene	ND	0.200	–	ND	1.48	–		1
Naphthalene	ND	0.200	–	ND	1.05	–		1
1,2,3-Trichlorobenzene	ND	0.200	–	ND	1.48	–		1
Hexachlorobutadiene	ND	0.200	–	ND	2.13	–		1

Project Name:	BATCH CANISTER CERTIFICATION	***Lab Number:***	L1100327
Project Number:	CANISTER QC BAT	***Report Date:***	02/11/11

Air Canister Certification Results

Lab ID:	L1100327-01	Date Collected:	01/06/11 00:00
Client ID:	CAN 613 SHELF 37	Date Received:	01/06/11
Sample Location:		Field Prep:	Not Specified

Volatile Organics in Air (Low Level) - Mansfield Lab

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	79		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/08/11 17:24
Analyst: RY

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	–	ND	0.247	–		1
Chloromethane	ND	0.500	–	ND	1.03	–		1
Freon-114	ND	0.050	–	ND	0.349	–		1
Vinyl chloride	ND	0.020	–	ND	0.051	–		1
1,3-Butadiene	ND	0.020	–	ND	0.044	–		1
Bromomethane	ND	0.020	–	ND	0.078	–		1
Chloroethane	ND	0.020	–	ND	0.053	–		1
Acetone	ND	2.00	–	ND	4.75	–		1
Trichlorofluoromethane	ND	0.050	–	ND	0.281	–		1
Acrylonitrile	ND	0.500	–	ND	1.08	–		1
1,1-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Methylene chloride	ND	1.00	–	ND	3.47	–		1
Freon-113	ND	0.050	–	ND	0.383	–		1
Halothane	ND	0.050	–	ND	0.403	–		1
trans-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
1,1-Dichloroethane	ND	0.020	–	ND	0.081	–		1
Methyl tert butyl ether	ND	0.020	–	ND	0.072	–		1
2-Butanone	ND	0.500	–	ND	1.47	–		1
cis-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Chloroform	ND	0.020	–	ND	0.098	–		1
1,2-Dichloroethane	ND	0.020	–	ND	0.081	–		1
1,1,1-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Benzene	ND	0.100	–	ND	0.319	–		1
Carbon tetrachloride	ND	0.020	–	ND	0.126	–		1
1,2-Dichloropropane	ND	0.020	–	ND	0.092	–		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:
Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100327

Project Number: CANISTER QC BAT ***Report Date:*** 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01 Date Collected: 01/06/11 00:00

Client ID: CAN 613 SHELF 37 Date Received: 01/06/11

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100327
Report Date: 02/11/11

Air Canister Certification Results

Lab ID: L1100327-01
Client ID: CAN 613 SHELF 37
Sample Location:

Date Collected: 01/06/11 00:00
Date Received: 01/06/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor

Volatile Organics in Air by SIM - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	89		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Lab Number: L1100327
Project Number: CANISTER QC BAT
Report Date: 02/11/11

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1100327-01	Date Collected:	01/06/11 00:00
Client ID:	CAN 613 SHELF 37	Date Received:	01/06/11
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	01/14/11 11:54		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101372
Report Date: 02/11/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**
Cooler
N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1101372-01A	Canister - 6 Liter	N/A	NA		NA	Absent	TO15-SIM(30)
L1101372-02A	Canister - 6 Liter	N/A	NA		NA	Absent	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L1101372

Project Number: 14687.01 **Report Date:** 02/11/11

GLOSSARY

Acronyms

EPA · Environmental Protection Agency.

LCS · Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD · Laboratory Control Sample Duplicate: Refer to LCS.

MDL · Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS · Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD · Matrix Spike Sample Duplicate: Refer to MS.

NA · Not Applicable.

NC · Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI · Not Ignitable.

RL · Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD · Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

A · Spectra identified as "Aldol Condensation Product".

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

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

G · The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

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

I · The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

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

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when

Project Name:	ALVAREZ HIGH SCHOOL	**Lab Number:**	L1101372
Project Number:	14687.01	**Report Date:**	02/11/11

Data Qualifiers

the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

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

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101372
Report Date: 02/11/11

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised July 19, 2010 – Mansfield Facility

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

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

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

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

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

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

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

Air & Emissions (EPA TO-15.)

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

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

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

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

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

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

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

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

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

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

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

Atmospheric Organic Parameters (EPA TO-15)

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

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

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

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

Air & Emissions (EPA TO-15.)

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

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

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

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

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8260, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

U.S. Army Corps of Engineers

Department of Defense Certificate/Lab ID: L2217.01.

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312,3051, 6020, 747A, 7474, 9045C,9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab:

ALPHA Job #: L1101372

Client Information

Client: EA ENGINEERING
Address: 2374 POST RD., SUITE 102
WARWICK RI 02886
Phone:
Fax:
Email: rmack@eaest.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ALVAREZ HIGH SCHOOL
Project Location: PROVIDENCE, RI
Project #: 14687.01
Project Manager: FRANK POSTMA
ALPHA Quote #:

Turn-Around Time

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

Report Information - Data Deliverables

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

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria
CT	TARGET INDOOR AIR CONCENTRATIONS	

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
1392-01	Room 149	1/26/11	825	858	29.57	18.78	AA	RM		968	0477			X					20 ppb
-02	Room 234	1/26/11	809	~~858~~ 845	29.77	16.19	AA	RM		1667	0155			X					8 ppb

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

Container Type

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

Relinquished By:	Date/Time	Received By:	Date/Time:
	2/3/11 - 955		2/3/11 9:55

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

ATTACHMENT B

Indoor Air Analytical Report
Con-Test Laboratory
26 January 2011

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

February 8, 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: 11A0614

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

Sincerely,

Holly L. Folsom
Project Manager

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

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

REPORT DATE: 2/8/2011

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 14687.01

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11A0614

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	11A0614-01	Indoor air		EPA TO-15	
Cafeteria	11A0614-02	Indoor air		EPA TO-15	
Room 145	11A0614-03	Indoor air		EPA TO-15	

con-test®
ANALYTICAL LABORATORY

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

CASE NARRATIVE SUMMARY

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

EPA TO-15

Qualifications:

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

Analyte & Samples(s) Qualified:

Ethanol, Vinyl Acetate

11A0614-01[Gymnasium], 11A0614-02[Cafeteria], 11A0614-03[Room 145], B025581-BLK1, B025581-BS1

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

Michael A. Erickson
Laboratory Director

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

ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 1/28/2011
Field Sample #: Gymnasium
Sample ID: 11A0614-01
Sample Matrix: Indoor air
Sampled: 1/26/2011 08:12

Sample Description/Location:
Sub Description/Location:
Canister ID: 1038
Canister Size: 6 liter
Flow Controller ID: 4081
Sample Type: 30 min

Work Order: 11A0614
Initial Vacuum(in Hg): NA
Final Vacuum(in Hg): NA
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	6.2	0.50		15	1.2	1	2/1/11 20:51	WSD
Benzene	1.2	0.050		3.8	0.16	1	2/1/11 20:51	WSD
Benzyl chloride	ND	0.050		ND	0.26	1	2/1/11 20:51	WSD
Bromodichloromethane	ND	0.050		ND	0.34	1	2/1/11 20:51	WSD
Bromoform	ND	0.050		ND	0.52	1	2/1/11 20:51	WSD
Bromomethane	ND	0.050		ND	0.19	1	2/1/11 20:51	WSD
1,3-Butadiene	ND	0.050		ND	0.11	1	2/1/11 20:51	WSD
2-Butanone (MEK)	0.72	0.050		2.1	0.15	1	2/1/11 20:51	WSD
Carbon Disulfide	ND	0.050		ND	0.16	1	2/1/11 20:51	WSD
Carbon Tetrachloride	0.079	0.050		0.50	0.31	1	2/1/11 20:51	WSD
Chlorobenzene	ND	0.050		ND	0.23	1	2/1/11 20:51	WSD
Chloroethane	ND	0.050		ND	0.13	1	2/1/11 20:51	WSD
Chloroform	ND	0.050		ND	0.24	1	2/1/11 20:51	WSD
Chloromethane	0.50	0.050		1.0	0.10	1	2/1/11 20:51	WSD
Cyclohexane	ND	0.050		ND	0.17	1	2/1/11 20:51	WSD
Dibromochloromethane	ND	0.050		ND	0.43	1	2/1/11 20:51	WSD
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	1	2/1/11 20:51	WSD
1,2-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 20:51	WSD
1,3-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 20:51	WSD
1,4-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 20:51	WSD
Dichlorodifluoromethane (Freon 12)	0.54	0.050		2.7	0.25	1	2/1/11 20:51	WSD
1,1-Dichloroethane	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD
1,2-Dichloroethane	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD
1,1-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD
1,2-Dichloropropane	ND	0.050		ND	0.23	1	2/1/11 20:51	WSD
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	1	2/1/11 20:51	WSD
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	1	2/1/11 20:51	WSD
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050		ND	0.35	1	2/1/11 20:51	WSD
Ethanol	10	0.50	L-03	19	0.94	1	2/1/11 20:51	WSD
Ethyl Acetate	ND	0.050		ND	0.18	1	2/1/11 20:51	WSD
Ethylbenzene	0.43	0.050		1.8	0.22	1	2/1/11 20:51	WSD
4-Ethyltoluene	0.14	0.050		0.66	0.25	1	2/1/11 20:51	WSD
Heptane	0.32	0.050		1.3	0.20	1	2/1/11 20:51	WSD
Hexachlorobutadiene	ND	0.050		ND	0.53	1	2/1/11 20:51	WSD
Hexane	0.79	0.050		2.8	0.18	1	2/1/11 20:51	WSD
2-Hexanone (MBK)	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 1/28/2011
Field Sample #: Gymnasium
Sample ID: 11A0614-01
Sample Matrix: Indoor air
Sampled: 1/26/2011 08:12

Sample Description/Location:
Sub Description/Location:
Canister ID: 1038
Canister Size: 6 liter
Flow Controller ID: 4081
Sample Type: 30 min

Work Order: 11A0614
Initial Vacuum(in Hg): NA
Final Vacuum(in Hg): NA
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Isopropanol	0.96	0.050		2.4	0.12	1	2/1/11 20:51	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.050		ND	0.18	1	2/1/11 20:51	WSD
Methylene Chloride	0.49	0.10		1.7	0.35	1	2/1/11 20:51	WSD
4-Methyl-2-pentanone (MIBK)	ND	0.050		ND	0.20	1	2/1/11 20:51	WSD
Propene	ND	0.50		ND	0.86	1	2/1/11 20:51	WSD
Styrene	0.087	0.050		0.37	0.21	1	2/1/11 20:51	WSD
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	1	2/1/11 20:51	WSD
Tetrachloroethylene	0.072	0.050		0.49	0.34	1	2/1/11 20:51	WSD
Tetrahydrofuran	ND	0.050		ND	0.15	1	2/1/11 20:51	WSD
Toluene	2.2	0.050		8.4	0.19	1	2/1/11 20:51	WSD
1,2,4-Trichlorobenzene	ND	0.050		ND	0.37	1	2/1/11 20:51	WSD
1,1,1-Trichloroethane	ND	0.050		ND	0.27	1	2/1/11 20:51	WSD
1,1,2-Trichloroethane	ND	0.050		ND	0.27	1	2/1/11 20:51	WSD
Trichloroethylene	0.11	0.050		0.60	0.27	1	2/1/11 20:51	WSD
Trichlorofluoromethane (Freon 11)	0.36	0.050		2.1	0.28	1	2/1/11 20:51	WSD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.082	0.050		0.63	0.38	1	2/1/11 20:51	WSD
1,2,4-Trimethylbenzene	0.43	0.050		2.1	0.25	1	2/1/11 20:51	WSD
1,3,5-Trimethylbenzene	0.14	0.050		0.70	0.25	1	2/1/11 20:51	WSD
Vinyl Acetate	ND	0.050	L-03	ND	0.18	1	2/1/11 20:51	WSD
Vinyl Chloride	ND	0.050		ND	0.13	1	2/1/11 20:51	WSD
m&p-Xylene	1.2	0.10		5.1	0.43	1	2/1/11 20:51	WSD
o-Xylene	0.44	0.050		1.9	0.22	1	2/1/11 20:51	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	111	70-130	2/1/11 20:51

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 1/28/2011
Field Sample #: Cafeteria
Sample ID: 11A0614-02
Sample Matrix: Indoor air
Sampled: 1/26/2011 08:12

Sample Description/Location:
Sub Description/Location:
Canister ID: 1496
Canister Size: 6 liter
Flow Controller ID: 4098
Sample Type: 30 min

Work Order: 11A0614
Initial Vacuum(in Hg): NA
Final Vacuum(in Hg): NA
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	7.2	0.50		17	1.2	1	2/1/11 21:32	WSD
Benzene	1.1	0.050		3.6	0.16	1	2/1/11 21:32	WSD
Benzyl chloride	ND	0.050		ND	0.26	1	2/1/11 21:32	WSD
Bromodichloromethane	ND	0.050		ND	0.34	1	2/1/11 21:32	WSD
Bromoform	ND	0.050		ND	0.52	1	2/1/11 21:32	WSD
Bromomethane	ND	0.050		ND	0.19	1	2/1/11 21:32	WSD
1,3-Butadiene	ND	0.050		ND	0.11	1	2/1/11 21:32	WSD
2-Butanone (MEK)	0.76	0.050		2.3	0.15	1	2/1/11 21:32	WSD
Carbon Disulfide	ND	0.050		ND	0.16	1	2/1/11 21:32	WSD
Carbon Tetrachloride	0.086	0.050		0.54	0.31	1	2/1/11 21:32	WSD
Chlorobenzene	ND	0.050		ND	0.23	1	2/1/11 21:32	WSD
Chloroethane	ND	0.050		ND	0.13	1	2/1/11 21:32	WSD
Chloroform	0.078	0.050		0.38	0.24	1	2/1/11 21:32	WSD
Chloromethane	0.53	0.050		1.1	0.10	1	2/1/11 21:32	WSD
Cyclohexane	0.23	0.050		0.81	0.17	1	2/1/11 21:32	WSD
Dibromochloromethane	ND	0.050		ND	0.43	1	2/1/11 21:32	WSD
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	1	2/1/11 21:32	WSD
1,2-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 21:32	WSD
1,3-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 21:32	WSD
1,4-Dichlorobenzene	0.12	0.050		0.74	0.30	1	2/1/11 21:32	WSD
Dichlorodifluoromethane (Freon 12)	0.56	0.050		2.8	0.25	1	2/1/11 21:32	WSD
1,1-Dichloroethane	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD
1,2-Dichloroethane	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD
1,1-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD
1,2-Dichloropropane	ND	0.050		ND	0.23	1	2/1/11 21:32	WSD
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	1	2/1/11 21:32	WSD
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	1	2/1/11 21:32	WSD
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050		ND	0.35	1	2/1/11 21:32	WSD
Ethanol	34	0.50	L-03	65	0.94	1	2/1/11 21:32	WSD
Ethyl Acetate	0.27	0.050		0.98	0.18	1	2/1/11 21:32	WSD
Ethylbenzene	0.37	0.050		1.6	0.22	1	2/1/11 21:32	WSD
4-Ethyltoluene	0.11	0.050		0.54	0.25	1	2/1/11 21:32	WSD
Heptane	0.33	0.050		1.3	0.20	1	2/1/11 21:32	WSD
Hexachlorobutadiene	ND	0.050		ND	0.53	1	2/1/11 21:32	WSD
Hexane	0.75	0.050		2.6	0.18	1	2/1/11 21:32	WSD
2-Hexanone (MBK)	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 1/28/2011
Field Sample #: Cafeteria
Sample ID: 11A0614-02
Sample Matrix: Indoor air
Sampled: 1/26/2011 08:12

Sample Description/Location:
Sub Description/Location:
Canister ID: 1496
Canister Size: 6 liter
Flow Controller ID: 4098
Sample Type: 30 min

Work Order: 11A0614
Initial Vacuum(in Hg): NA
Final Vacuum(in Hg): NA
Receipt Vacuum(in Hg): -4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Isopropanol	1.2	0.050		3.1	0.12	1	2/1/11 21:32	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.050		ND	0.18	1	2/1/11 21:32	WSD
Methylene Chloride	0.71	0.10		2.5	0.35	1	2/1/11 21:32	WSD
4-Methyl-2-pentanone (MIBK)	ND	0.050		ND	0.20	1	2/1/11 21:32	WSD
Propene	ND	0.50		ND	0.86	1	2/1/11 21:32	WSD
Styrene	0.12	0.050		0.51	0.21	1	2/1/11 21:32	WSD
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	1	2/1/11 21:32	WSD
Tetrachloroethylene	0.086	0.050		0.58	0.34	1	2/1/11 21:32	WSD
Tetrahydrofuran	ND	0.050		ND	0.15	1	2/1/11 21:32	WSD
Toluene	2.0	0.050		7.7	0.19	1	2/1/11 21:32	WSD
1,2,4-Trichlorobenzene	ND	0.050		ND	0.37	1	2/1/11 21:32	WSD
1,1,1-Trichloroethane	ND	0.050		ND	0.27	1	2/1/11 21:32	WSD
1,1,2-Trichloroethane	ND	0.050		ND	0.27	1	2/1/11 21:32	WSD
Trichloroethylene	0.11	0.050		0.57	0.27	1	2/1/11 21:32	WSD
Trichlorofluoromethane (Freon 11)	0.42	0.050		2.3	0.28	1	2/1/11 21:32	WSD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.079	0.050		0.61	0.38	1	2/1/11 21:32	WSD
1,2,4-Trimethylbenzene	0.38	0.050		1.9	0.25	1	2/1/11 21:32	WSD
1,3,5-Trimethylbenzene	0.12	0.050		0.59	0.25	1	2/1/11 21:32	WSD
Vinyl Acetate	ND	0.050	L-03	ND	0.18	1	2/1/11 21:32	WSD
Vinyl Chloride	ND	0.050		ND	0.13	1	2/1/11 21:32	WSD
m&p-Xylene	0.98	0.10		4.3	0.43	1	2/1/11 21:32	WSD
o-Xylene	0.37	0.050		1.6	0.22	1	2/1/11 21:32	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	112	70-130	2/1/11 21:32

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 1/28/2011
Field Sample #: Room 145
Sample ID: 11A0614-03
Sample Matrix: Indoor air
Sampled: 1/26/2011 08:09

Sample Description/Location:
Sub Description/Location:
Canister ID: 1649
Canister Size: 6 liter
Flow Controller ID: 4100
Sample Type: 30 min

Work Order: 11A0614
Initial Vacuum(in Hg): NA
Final Vacuum(in Hg): NA
Receipt Vacuum(in Hg): -5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	pphv Results	pphv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Acetone	5.0	0.50		12	1.2	1	2/1/11 22:14	WSD
Benzene	1.2	0.050		3.8	0.16	1	2/1/11 22:14	WSD
Benzyl chloride	ND	0.050		ND	0.26	1	2/1/11 22:14	WSD
Bromodichloromethane	ND	0.050		ND	0.34	1	2/1/11 22:14	WSD
Bromoform	ND	0.050		ND	0.52	1	2/1/11 22:14	WSD
Bromomethane	ND	0.050		ND	0.19	1	2/1/11 22:14	WSD
1,3-Butadiene	ND	0.050		ND	0.11	1	2/1/11 22:14	WSD
2-Butanone (MEK)	0.53	0.050		1.6	0.15	1	2/1/11 22:14	WSD
Carbon Disulfide	ND	0.050		ND	0.16	1	2/1/11 22:14	WSD
Carbon Tetrachloride	0.080	0.050		0.50	0.31	1	2/1/11 22:14	WSD
Chlorobenzene	ND	0.050		ND	0.23	1	2/1/11 22:14	WSD
Chloroethane	ND	0.050		ND	0.13	1	2/1/11 22:14	WSD
Chloroform	ND	0.050		ND	0.24	1	2/1/11 22:14	WSD
Chloromethane	0.50	0.050		1.0	0.10	1	2/1/11 22:14	WSD
Cyclohexane	ND	0.050		ND	0.17	1	2/1/11 22:14	WSD
Dibromochloromethane	ND	0.050		ND	0.43	1	2/1/11 22:14	WSD
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	1	2/1/11 22:14	WSD
1,2-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 22:14	WSD
1,3-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 22:14	WSD
1,4-Dichlorobenzene	ND	0.050		ND	0.30	1	2/1/11 22:14	WSD
Dichlorodifluoromethane (Freon 12)	0.52	0.050		2.6	0.25	1	2/1/11 22:14	WSD
1,1-Dichloroethane	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD
1,2-Dichloroethane	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD
1,1-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD
1,2-Dichloropropane	ND	0.050		ND	0.23	1	2/1/11 22:14	WSD
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	1	2/1/11 22:14	WSD
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	1	2/1/11 22:14	WSD
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.050		ND	0.35	1	2/1/11 22:14	WSD
Ethanol	10	0.50	L-03	19	0.94	1	2/1/11 22:14	WSD
Ethyl Acetate	0.076	0.050		0.27	0.18	1	2/1/11 22:14	WSD
Ethylbenzene	0.42	0.050		1.8	0.22	1	2/1/11 22:14	WSD
4-Ethyltoluene	0.12	0.050		0.58	0.25	1	2/1/11 22:14	WSD
Heptane	0.34	0.050		1.4	0.20	1	2/1/11 22:14	WSD
Hexachlorobutadiene	ND	0.050		ND	0.53	1	2/1/11 22:14	WSD
Hexane	0.87	0.050		3.1	0.18	1	2/1/11 22:14	WSD
2-Hexanone (MBK)	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD

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ANALYTICAL RESULTS

Project Location: Alvarez High School
Date Received: 1/28/2011
Field Sample #: Room 145
Sample ID: 11A0614-03
Sample Matrix. Indoor air
Sampled: 1/26/2011 08:09

Sample Description/Location:
Sub Description/Location:
Canister ID: 1649
Canister Size: 6 liter
Flow Controller ID. 4100
Sample Type: 30 min

Work Order: 11A0614
Initial Vacuum(in Hg): NA
Final Vacuum(in Hg): NA
Receipt Vacuum(in Hg): -5
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv Results	ppbv RL	Flag	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Isopropanol	1.1	0.050		2.7	0.12	1	2/1/11 22:14	WSD
Methyl tert-Butyl Ether (MTBE)	ND	0.050		ND	0.18	1	2/1/11 22:14	WSD
Methylene Chloride	0.46	0.10		1.6	0.35	1	2/1/11 22:14	WSD
4-Methyl-2-pentanone (MIBK)	ND	0.050		ND	0.20	1	2/1/11 22:14	WSD
Propene	ND	0.50		ND	0.86	1	2/1/11 22:14	WSD
Styrene	0.088	0.050		0.37	0.21	1	2/1/11 22:14	WSD
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	1	2/1/11 22:14	WSD
Tetrachloroethylene	0.071	0.050		0.48	0.34	1	2/1/11 22:14	WSD
Tetrahydrofuran	ND	0.050		ND	0.15	1	2/1/11 22:14	WSD
Toluene	2.2	0.050		8.3	0.19	1	2/1/11 22:14	WSD
1,2,4-Trichlorobenzene	ND	0.050		ND	0.37	1	2/1/11 22:14	WSD
1,1,1-Trichloroethane	ND	0.050		ND	0.27	1	2/1/11 22:14	WSD
1,1,2-Trichloroethane	ND	0.050		ND	0.27	1	2/1/11 22:14	WSD
Trichloroethylene	0.11	0.050		0.60	0.27	1	2/1/11 22:14	WSD
Trichlorofluoromethane (Freon 11)	0.37	0.050		2.1	0.28	1	2/1/11 22:14	WSD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.087	0.050		0.67	0.38	1	2/1/11 22:14	WSD
1,2,4-Trimethylbenzene	0.40	0.050		2.0	0.25	1	2/1/11 22:14	WSD
1,3,5-Trimethylbenzene	0.13	0.050		0.63	0.25	1	2/1/11 22:14	WSD
Vinyl Acetate	ND	0.050	L-03	ND	0.18	1	2/1/11 22:14	WSD
Vinyl Chloride	ND	0.050		ND	0.13	1	2/1/11 22:14	WSD
m&p-Xylene	1.1	0.10		4.9	0.43	1	2/1/11 22:14	WSD
o-Xylene	0.43	0.050		1.9	0.22	1	2/1/11 22:14	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	110	70-130	2/1/11 22:14

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
11A0614-01 [Gymnasium]	B025581	1	1	N/A	1000	400	400	02/01/11
11A0614-02 [Cafeteria]	B025581	1	1	N/A	1000	400	400	02/01/11
11A0614-03 [Room 145]	B025581	1	1	N/A	1000	400	400	02/01/11

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B025581 - TO-15 Prep											
Blank (B025581-BLK1)					Prepared & Analyzed: 02/01/11						
Acetone	ND	0.035									
Benzene	ND	0.035									
Benzyl chloride	ND	0.035									
Bromodichloromethane	ND	0.035									
Bromoform	ND	0.035									
Bromomethane	ND	0.035									
1,3-Butadiene	ND	0.035									
2-Butanone (MEK)	ND	0.035									
Carbon Disulfide	ND	0.035									
Carbon Tetrachloride	ND	0.035									
Chlorobenzene	ND	0.035									
Chloroethane	ND	0.035									
Chloroform	ND	0.035									
Chloromethane	ND	0.035									
Cyclohexane	ND	0.035									
Dibromochloromethane	ND	0.035									
1,2-Dibromoethane (EDB)	ND	0.035									
1,2-Dichlorobenzene	ND	0.035									
1,3-Dichlorobenzene	ND	0.035									
1,4-Dichlorobenzene	ND	0.035									
Dichlorodifluoromethane (Freon 12)	ND	0.035									
1,1-Dichloroethane	ND	0.035									
1,2-Dichloroethane	ND	0.035									
1,1-Dichloroethylene	ND	0.035									
cis-1,2-Dichloroethylene	ND	0.035									
trans-1,2-Dichloroethylene	ND	0.035									
1,2-Dichloropropane	ND	0.035									
cis-1,3-Dichloropropene	ND	0.035									
trans-1,3-Dichloropropene	ND	0.035									
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035									
Ethanol	ND	0.035									L-03
Ethyl Acetate	ND	0.035									
Ethylbenzene	ND	0.035									
4-Ethyltoluene	ND	0.035									
Heptane	ND	0.035									
Hexachlorobutadiene	ND	0.035									
Hexane	ND	0.035									
2-Hexanone (MBK)	ND	0.035									
Isopropanol	ND	0.035									
Methyl tert-Butyl Ether (MTBE)	ND	0.035									
Methylene Chloride	ND	0.035									
4-Methyl-2-pentanone (MIBK)	ND	0.035									
Propene	ND	0.035									
Styrene	ND	0.035									
1,1,2,2-Tetrachloroethane	ND	0.035									
Tetrachloroethylene	ND	0.035									

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B025581 - TO-15 Prep											
Blank (B025581-BLK1)					Prepared & Analyzed: 02/01/11						
Tetrahydrofuran	ND	0.035									
Toluene	ND	0.035									
1,2,4-Trichlorobenzene	ND	0.035									
1,1,1-Trichloroethane	ND	0.035									
1,1,2-Trichloroethane	ND	0.035									
Trichloroethylene	ND	0.035									
Trichlorofluoromethane (Freon 11)	ND	0.035									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.035									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
Vinyl Acetate	ND	0.035									L-03
Vinyl Chloride	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
Surrogate 4-Bromofluorobenzene (1)	*9.11*				*8.00*		*114*	*70-130*			
LCS (B025581-BS1)					Prepared & Analyzed: 02/01/11						
Acetone	5.14				5.00		103	50-150			
Benzene	4.35				5.00		87.0	70-130			
Benzyl chloride	4.40				5.00		88.1	70-130			
Bromodichloromethane	4.67				5.00		93.3	70-130			
Bromoform	5.70				5.00		114	70-130			
Bromomethane	4.91				5.00		98.2	70-130			
1,3-Butadiene	4.48				5.00		89.5	70-130			
2-Butanone (MEK)	4.28				5.00		85.5	70-130			
Carbon Disulfide	4.86				5.00		97.2	70-130			
Carbon Tetrachloride	5.10				5.00		102	70-130			
Chlorobenzene	4.65				5.00		92.9	70-130			
Chloroethane	4.60				5.00		92.0	70-130			
Chloroform	5.41				5.00		108	70-130			
Chloromethane	4.52				5.00		90.3	70-130			
Cyclohexane	4.12				5.00		82.4	50-150			
Dibromochloromethane	5.07				5.00		101	70-130			
1,2-Dibromoethane (EDB)	4.66				5.00		93.3	70-130			
1,2-Dichlorobenzene	5.12				5.00		102	70-130			
1,3-Dichlorobenzene	5.20				5.00		104	70-130			
1,4-Dichlorobenzene	5.14				5.00		103	70-130			
Dichlorodifluoromethane (Freon 12)	5.19				5.00		104	70-130			
1,1-Dichloroethane	5.02				5.00		100	70-130			
1,2-Dichloroethane	5.26				5.00		105	70-130			
1,1-Dichloroethylene	5.02				5.00		100	70-130			
cis-1,2-Dichloroethylene	5.07				5.00		101	70-130			
trans-1,2-Dichloroethylene	5.10				5.00		102	70-130			
1,2-Dichloropropane	4.25				5.00		85.0	70-130			
cis-1,3-Dichloropropene	4.77				5.00		95.3	70-130			
trans-1,3-Dichloropropene	4.20				5.00		83.9	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B025581 - TO-15 Prep											
LCS (B025581-BS1)					Prepared & Analyzed: 02/01/11						
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.44				5.00		88.7	70-130			
Ethanol	2.32				5.00		46.4	50-150			L-03
Ethyl Acetate	4.44				5.00		88.8	50-150			
Ethylbenzene	4.54				5.00		90.8	70-130			
4-Ethyltoluene	4.64				5.00		92.7	50-150			
Heptane	4.22				5.00		84.4	50-150			
Hexachlorobutadiene	5.41				5.00		108	70-130			
Hexane	4.74				5.00		94.8	70-130			
2-Hexanone (MBK)	3.38				5.00		67.7	50-150			
Isopropanol	2.90				5.00		58.1	50-150			
Methyl tert-Butyl Ether (MTBE)	5.05				5.00		101	70-130			
Methylene Chloride	4.53				5.00		90.6	70-130			
4-Methyl-2-pentanone (MIBK)	4.04				5.00		80.9	70-130			
Propene	5.02				5.00		100	50-150			
Styrene	4.65				5.00		92.9	70-130			
1,1,2,2-Tetrachloroethane	4.51				5.00		90.2	70-130			
Tetrachloroethylene	5.23				5.00		105	70-130			
Tetrahydrofuran	4.65				5.00		93.0	50-150			
Toluene	4.46				5.00		89.1	70-130			
1,2,4-Trichlorobenzene	5.22				5.00		104	70-130			
1,1,1-Trichloroethane	4.79				5.00		95.9	70-130			
1,1,2-Trichloroethane	4.61				5.00		92.2	70-130			
Trichloroethylene	4.70				5.00		94.0	70-130			
Trichlorofluoromethane (Freon 11)	5.33				5.00		107	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.51				5.00		110	70-130			
1,2,4-Trimethylbenzene	4.70				5.00		93.9	70-130			
1,3,5-Trimethylbenzene	4.72				5.00		94.4	70-130			
Vinyl Acetate	3.35				5.00		67.0	70-130			L-03
Vinyl Chloride	4.59				5.00		91.9	70-130			
m&p-Xylene	9.20				10.0		92.0	70-130			
o-Xylene	4.55				5.00		91.0	70-130			
Surrogate 4-Bromofluorobenzene (1)	*9.24*				*8.00*		*115*	*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA
Benzene	AIHA,FL,NJ,NY
Benzyl chloride	AIHA,FL,NJ,NY
Bromodichloromethane	AIHA,NJ
Bromoform	AIHA,NJ
Bromomethane	AIHA,FL,NJ,NY
1,3-Butadiene	AIHA,NJ
2-Butanone (MEK)	AIHA,FL,NJ,NY
Carbon Disulfide	AIHA,NJ
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
Cyclohexane	AIHA,NJ
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
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY
trans-1,3-Dichloropropene	AIHA
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY
Hexachlorobutadiene	AIHA,NJ,NY
Hexane	AIHA,FL,NJ,NY
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY
Methylene Chloride	AIHA,FL,NJ,NY
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY
Propene	AIHA
Styrene	AIHA,FL,NJ,NY
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY
Tetrachloroethylene	AIHA,FL,NJ,NY
Tetrahydrofuran	AIHA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Toluene	AIHA,FL,NJ,NY
1,2,4-Trichlorobenzene	AIHA,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
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY
1,2,4-Trimethylbenzene	AIHA,NJ
1,3,5-Trimethylbenzene	AIHA,NJ
Vinyl Acetate	AIHA,FL,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY
m&p-Xylene	AIHA,FL,NJ,NY
o-Xylene	AIHA,FL,NJ,NY

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

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
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	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

11A0614

Company Name: EA ENGINEERING
Address: 2374 POST RD. SUITE 102
WARWICK RI 02886
Attention: RON MACK
Project Location: ALVAREZ HIGH SCHOOL
Sampled By: RON MACK
Telephone:( )
Project # 14687.01
Client PO #

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

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

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED VOC SIM-OL	" Hg Initial pressure	" Hg Final pressure	Lab Receipt pressure	Summa Canister ID	Flow Controller ID
01	GYNASIUM	S		1/26/11 741	1/26/11 812				IA	X			-4	1038	4081
02	CAFETERIA	↓		1/26/11 741	1/26/11 812				↓	↓			-4	1496	4078
03	ROOM 145	↓		1/26/11 739	1/26/11 809				↓	↓			-5	649	4100

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

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.

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time: 1-26-11	13:29
Received by: (signature)	Date/Time: 1-28-11	1329
Relinquished by: (signature)	Date/Time: 1-28-11	1750
Received by: (signature)	Date/Time: 1.28.11	1750

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

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

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

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

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

AIHA, NELAC & WBF/DBF Certified

con-test ANALYTICAL LABORATORY

www.contestlabs.com

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East Longmeadow, MA
Phone: 1-413-525-2332
Fax: 1-413-525-6405

AIR ONLY RECEIPT CHECKLIST

CLIENT NAME: EA Engineering
RECEIVED BY: PB DATE: 1.29.11

1. Was chain of custody relinquished and signed? (YES) NO
2. Does Chain agree with samples? (YES) NO

If not, explain:

3. All Samples in good condition? (YES) NO

If not, explain:

4. Are there any on hold samples? YES (NO) STORED WHERE:

5. ARE THERE ANY RUSH OR SHORT HOLDING TIME SAMPLES? WHO WAS NOTIFIED?_____ DATE_____ TIME_____

Location where samples are stored: Air Lab

Permission to sub-contract samples? Yes No (circle)
(Walk in clients only) if not already approved.
Client Signature_____

CONTAINERS SENT TO CON-TEST		# of containers
Summa cans	6 Lit	3
Tedlar Bags		
Regulators	30min	3
Restrictors		
Tubes		
Other		

1. Was all media (used & unused) checked into the WASP asset management program?
2. Were all returned summa cans, restrictors, & regulators documented as returned in the AIR Lab Outbound excel sheet?
3. Were the Lab ID's documented in the Air Lab Outbound excel sheet?
4. Was the job documented in the Air Lab Log-In Access Database?

Laboratory comments:

ATTACHMENT C

Indoor Air Analytical Report
RIDEM
26 January 2011

ppb	outdoors 01/26/11 01261dm1.D can 107	school gym 01/26/11 01261dm2.D can 12654	classroom 01/26/11 01261dm3.D can 1444	cafeteria 01/26/11 01261dm4.D can 12665
1-chloro-1,1-difluoroethane				2-8 ppb?
Benzene, 1-chloro-4-(trifluoromethyl)-		1 ppb	1 ppb	2 ppb
2,2-dimethylpropane				.5 ppb?
1,1,1,2-tetrafluoroethane		10-20 ppb?		
chloromethane	0.557	0.529	0.490	0.589
vinyl chloride	0.003	0.003	0.003	0.003
1,3-butadiene	0.361	0.322	0.297	0.331
1,1-dichloroethene	0.000	0.000	0.000	0.000
dichloromethane	0.141	0.157	0.145	0.183
carbon disulfide				
1,1-dichloroethane	0.001	0.001	0.001	0.003
chloroform	0.027	0.028	0.024	0.071
1,2-dichloroethane	0.015	0.014	0.014	0.016
1,1,1-trichloroethane	0.008	0.008	0.007	0.008
carbon tetrachloride	0.058	0.061	0.053	0.060
1,2-dichloropropane	0.005	0.006	0.006	0.006
trichloroethylene	0.163	0.090	0.091	0.096
cis-1,3-dichloropropene	0.000	0.000	0.000	0.000
trans-1,3-dichloropropene	0.000	0.000	0.000	0.000
dibromoethane	0.000	0.000	0.000	0.000
tetrachloroethylene	0.056	0.056	0.048	0.071
chlorobenzene	0.001	0.001	0.001	0.002
1,1,2,2-tetrachloroethane	0.000	0.000	0.000	0.000
alpha-pinene	0.041	0.072	0.046	0.079
p-dichlorobenzene	0.025	0.032	0.023	0.077
acetaldehyde	3.447	2.786	3.452	4.682
acetonitrile	0.295	0.223	0.224	0.281
acrolein	0.466	0.487	0.519	0.614
acetone	2.876	4.367	3.869	7.813
acrylonitrile	0.000	0.000	0.000	0.000
methyl-t-butyl-ether	0.000	0.006	0.000	0.000
methyl ethyl ketone	0.671	0.628	0.636	0.640
ethyl acetate	0.071	0.083	0.074	0.263
benzaldehyde				
ethylene oxide				
ethylene	12.321	13.769	10.607	17.201
acetylene	8.434	9.328	7.655	10.424
ethane	14.910	21.404	14.098	57.134
propene	2.590	2.335	2.196	2.711
propane	7.633	11.227	8.264	216.050
isobutane	2.522	2.371	2.098	5.979
1-butene	1.267	1.082	1.039	1.103
butane	4.577	5.709	4.295	201.845
trans-2-butene	0.305	0.239	0.231	0.286
cis-2-butene	0.242	0.183	0.182	0.206
isopentane	2.982	2.664	2.395	3.998
1-pentene	0.150	0.139	0.116	0.147
pentane	3.018	3.648	2.747	4.747
isoprene	0.107	0.117	0.097	0.399

ppb	outdoors 01/26/11 01261dm1.D can 107	school gym 01/26/11 01261dm2.D can 12654	classroom 01/26/11 01261dm3.D can 1444	cafeteria 01/26/11 01261dm4.D can 12665
trans-2-pentene	0.207	0.169	0.167	0.172
cis-2-pentene	0.103	0.087	0.085	0.085
2,2-dimethylbutane	0.127	0.109	0.102	0.114
cyclopentane	0.342	0.340	0.330	0.385
2,3-dimethylbutane	0.271	0.230	0.221	0.230
2-methylpentane	1.144	0.945	0.902	0.948
3-methylpentane	0.762	0.609	0.593	0.606
hexane	1.057	0.854	0.927	0.864
methylcyclopentane	0.595	0.481	0.474	0.474
2,4-dimethylpentane	0.136	0.120	0.118	0.117
benzene	1.557	1.391	1.362	1.357
cyclohexane	0.364	0.300	0.289	0.314
2-methylhexane	0.451	0.363	0.350	0.352
2,3-dimethylpentane	0.203	0.178	0.171	0.174
3-methylhexane	0.543	0.454	0.449	0.450
2,2,4-trimethylpentane	0.453	0.428	0.415	0.389
heptane	0.442	0.371	0.377	0.380
methylcyclohexane	0.247	0.212	0.206	0.218
2,3,4-trimethylpentane	0.166	0.159	0.160	0.142
toluene	2.783	2.351	2.261	2.170
2-methylheptane	0.195	0.151	0.156	0.141
3-methylheptane	0.303	0.237	0.247	0.207
octane	0.217	0.186	0.200	0.161
ethylbenzene	0.632	0.510	0.475	0.431
p&m xylenes	1.658	1.328	1.206	1.090
styrene	0.090	0.082	0.074	0.120
o-xylene	0.586	0.463	0.432	0.402
nonane	0.118	0.224	0.102	0.132
isopropylbenzene	0.035	0.033	0.029	0.030
n-propylbenzene	0.100	0.091	0.072	0.072
m-ethyltoluene	0.333	0.309	0.240	0.231
p-ethyltoluene	0.153	0.141	0.110	0.100
1,3,5-trimethylbenzene	0.144	0.153	0.109	0.106
o-ethyltoluene	0.125	0.128	0.095	0.093
1,2,4-trimethylbenzene	0.454	0.453	0.348	0.315
decane	0.071	1.755	0.089	0.417
1,2,3-trimethylbenzene	0.097	0.174	0.083	0.092
m-diethylbenzene	0.020	0.033	0.019	0.018
p-diethylbenzene	0.060	0.126	0.066	0.060
undecane	0.043	11.102	0.093	1.913
dodecane	0.020	1.730	0.051	0.185
methanol				
ethanol				
isopropanol				
MS bromofluorobenzene				
FID bromofluorobenzene				
FID Hexane D14				
sum of MS PAMS cpds				
sum of C2s from FID				
sum of PAMS cpds	291.8	467.4	254.9	2152.0
TNMOC	386	569	351	1938
ratio (sum of PAMS/TNMO	0.76	0.82	0.73	1.11

ug/m3	outdoors 01/26/11 01261dm1.D can 107	school gym 01/26/11 01261dm2.D can 12654	classroom 01/26/11 01261dm3.D can 1444	cafeteria 01/26/11 01261dm4.D can 12665
chloromethane	1.15	1.10	1.01	1.22
vinyl chloride	0.007	0.008	0.008	0.009
1,3-butadiene	0.80	0.71	0.66	0.73
1,1-dichloroethene	0.000	0.000	0.000	0.000
dichloromethane	0.49	0.55	0.50	0.63
carbon disulfide	0.000	0.000	0.000	0.000
1,1-dichloroethane	0.004	0.005	0.004	0.011
chloroform	0.13	0.13	0.12	0.35
1,2-dichloroethane	0.06	0.06	0.06	0.07
1,1,1-trichloroethane	0.04	0.04	0.04	0.05
carbon tetrachloride	0.36	0.38	0.33	0.38
1,2-dichloropropane	0.02	0.03	0.03	0.03
trichloroethylene	0.87	0.48	0.49	0.51
cis-1,3-dichloropropene	0.000	0.000	0.000	0.000
trans-1,3-dichloropropene	0.000	0.000	0.000	0.000
dibromoethane	0.000	0.000	0.000	0.000
tetrachloroethylene	0.38	0.38	0.33	0.48
chlorobenzene	0.005	0.005	0.004	0.009
1,1,2,2-tetrachloroethane	0.000	0.000	0.000	0.000
alpha-pinene	0.23	0.40	0.26	0.44
p-dichlorobenzene	0.15	0.19	0.14	0.46
acetaldehyde	6.20	5.01	6.21	8.43
acetonitrile	0.50	0.37	0.38	0.47
acrolein	1.07	1.12	1.19	1.41
acetone	6.85	10.39	9.21	18.60
acrylonitrile	0.000	0.000	0.000	0.000
methyl-t-butyl-ether	0.000	0.020	0.000	0.000
methyl ethyl ketone	1.98	1.85	1.88	1.89
ethyl acetate	0.26	0.30	0.27	0.95
benzaldehyde	0.000	0.000	0.000	0.000
ethylene oxide	0.000	0.000	0.000	0.000
ethylene	14.17	15.83	12.20	19.78
acetylene	8.98	9.93	8.15	11.10
ethane	18.34	26.33	17.34	70.28
propene	4.45	4.02	3.78	4.66
propane	13.74	20.21	14.88	388.89
isobutane	6.00	5.64	4.99	14.23
1-butene	2.90	2.48	2.38	2.53
butane	10.89	13.59	10.22	480.39
trans-2-butene	0.70	0.55	0.53	0.66
cis-2-butene	0.55	0.42	0.42	0.47
isopentane	8.80	7.86	7.07	11.79
1-pentene	0.43	0.40	0.33	0.42
pentane	8.90	10.76	8.10	14.00
isoprene	0.30	0.33	0.27	1.11

ug/m3	outdoors 01/26/11 01261dm1.D can 107	school gym 01/26/11 01261dm2.D can 12654	classroom 01/26/11 01261dm3.D can 1444	cafeteria 01/26/11 01261dm4.D can 12665
trans-2-pentene	0.59	0.48	0.48	0.49
cis-2-pentene	0.30	0.25	0.24	0.25
2,2-dimethylbutane	0.45	0.38	0.36	0.40
cyclopentane	0.98	0.98	0.95	1.11
2,3-dimethylbutane	0.95	0.81	0.78	0.81
2-methylpentane	4.03	3.33	3.18	3.34
3-methylpentane	2.68	2.14	2.09	2.13
hexane	3.73	3.02	3.27	3.05
methylcyclopentane	2.05	1.65	1.63	1.63
2,4-dimethylpentane	0.56	0.49	0.48	0.48
benzene	4.97	4.44	4.35	4.33
cyclohexane	1.25	1.03	0.99	1.08
2-methylhexane	1.85	1.49	1.43	1.44
2,3-dimethylpentane	0.95	0.83	0.80	0.81
3-methylhexane	2.23	1.86	1.84	1.84
2,2,4-trimethylpentane	2.10	1.98	1.92	1.80
heptane	1.78	1.49	1.51	1.53
methylcyclohexane	0.99	0.85	0.83	0.88
2,3,4-trimethylpentane	0.78	0.74	0.75	0.66
toluene	10.49	8.86	8.52	8.18
2-methylheptane	0.91	0.71	0.73	0.66
3-methylheptane	1.41	1.11	1.16	0.97
octane	1.01	0.87	0.93	0.75
ethylbenzene	2.74	2.21	2.06	1.87
p&m xylenes	7.31	5.86	5.32	4.81
styrene	0.38	0.35	0.32	0.51
o-xylene	2.59	2.04	1.90	1.77
nonane	0.62	1.18	0.54	0.69
isopropylbenzene	0.17	0.16	0.14	0.15
n-propylbenzene	0.49	0.45	0.35	0.36
m-ethyltoluene	1.64	1.52	1.18	1.14
p-ethyltoluene	0.75	0.69	0.54	0.49
1,3,5-trimethylbenzene	0.71	0.75	0.53	0.52
o-ethyltoluene	0.61	0.63	0.47	0.46
1,2,4-trimethylbenzene	2.24	2.23	1.71	1.55
decane	0.41	10.22	0.52	2.43
1,2,3-trimethylbenzene	0.48	0.85	0.41	0.45
m-diethylbenzene	0.11	0.18	0.10	0.10
p-diethylbenzene	0.33	0.69	0.36	0.33
undecane	0.27	70.94	0.60	12.22
dodecane	0.14	12.06	0.35	1.29
methanol	0.000	0.000	0.000	0.000
ethanol	0.000	0.000	0.000	0.000
isopropanol	0.000	0.000	0.000	0.000
MS bromofluorobenzene	0.00	0.00	0.00	0.00
FID bromofluorobenzene	0.00	0.00	0.00	0.00
FID Hexane D14	0.00	0.00	0.00	0.00
sum of MS PAMS cpds	0.00	0.00	0.00	0.00
sum of C2s from FID	0.00	0.00	0.00	0.00
sum of PAMS cpds	0.00	0.00	0.00	0.00
TNMOC	0.00	0.00	0.00	0.00
ratio (sum of PAMS/TNMOC)	0.00	0.00	0.00	0.00

ATTACHMENT D

Subslab Vapor Analytical Report
Alpha Analytical
26 January 2011

ALPHA ANALYTICAL

ANALYTICAL REPORT

Lab Number:	L1101203
Client:	EA Engineering, Science and Tech 2374 Post Road Suite 102 Warwick, RI 02886
ATTN:	Frank Postma
Phone:	(401) 736-3440
Project Name:	ALVAREZ HIGH SCHOOL
Project Number:	14687.01
Report Date:	02/04/11

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

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

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1101203-01	MP-1	PROVIDENCE, RI	01/26/11 12:40
L1101203-02	MP-2	PROVIDENCE, RI	01/26/11 12:46
L1101203-03	MP-3	PROVIDENCE, RI	01/26/11 12:59
L1101203-04	MP-4	PROVIDENCE, RI	01/26/11 13:06
L1101203-05	MP-6	PROVIDENCE, RI	01/26/11 13:28
L1101203-06	MP-8	PROVIDENCE, RI	01/26/11 13:11
L1101203-07	IMP-1	PROVIDENCE, RI	01/26/11 12:09
L1101203-08	IMP-2	PROVIDENCE, RI	01/26/11 12:07

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Case Narrative

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

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

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

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

The canister certification results are provided as an addendum.

Login Narrative

The sample canister identified as "MP-3" was received empty and therefore, the analysis was cancelled.

L1101203-02 The RPD of the pre- and post-flow controller calibration check (26% RPD) was outside acceptable limits (< or = 20% RPD).
L1101203-04 The RPD of the pre- and post-flow controller calibration check (30% RPD) was outside acceptable limits (< or = 20% RPD).

Volatile Organics in Air (SIM)

L1101203-01 and WG453571-5 Duplicate have elevated detection limits due to the dilution required by the

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L1101203
Project Number: 14687.01 **Report Date:** 02/04/11

Case Narrative (continued)

elevated concentrations of target compounds in the sample.

L1101203-01, -04, -06, -08 and WG453571-5 Duplicate: results for Chloromethane should be considered estimated due to co-elution with a non-target peak.

L1101203-05 through -08 have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

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

Authorized Signature: Kathleen O'Brien

Title: Technical Director/Representative Date: 02/04/11

AIR

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-01 D
Client ID: MP-1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/02/11 23:28
Analyst: BS

Date Collected: 01/26/11 12:40
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		10
Chloromethane	ND	5.00	--	ND	10.3	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
Chloroethane	ND	0.200	--	ND	0.527	--		10
Acetone	48.1	20.0	--	114	47.5	--		10
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		10
Acrylonitrile	ND	5.00	--	ND	10.8	--		10
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		10
2-Butanone	319	5.00	--	940	14.7	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		10
Chloroform	0.570	0.200	--	2.78	0.976	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Benzene	ND	1.00	--	ND	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Bromodichloromethane	ND	0.200	--	ND	1.34	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		10

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-01 D
Client ID: MP-1
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 12:40
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Toluene	1.61	0.500	--	6.06	1.88	--		10
Dibromochloromethane	ND	0.200	--	ND	1.70	--		10
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		10
Tetrachloroethene	ND	0.200	--	ND	1.36	--		10
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
Chlorobenzene	ND	0.200	--	ND	0.920	--		10
Ethylbenzene	0.290	0.200	--	1.26	0.868	--		10
p/m-Xylene	0.710	0.400	--	3.08	1.74	--		10
Bromoform	ND	0.200	--	ND	2.06	--		10
Styrene	ND	0.200	--	ND	0.851	--		10
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		10
o-Xylene	0.250	0.200	--	1.08	0.868	--		10
Isopropylbenzene	ND	5.00	--	ND	24.6	--		10
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		10
1,2,4-Trimethylbenzene	0.250	0.200	--	1.23	0.982	--		10
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
sec-Butylbenzene	ND	5.00	--	ND	27.4	--		10
p-Isopropyltoluene	ND	5.00	--	ND	27.4	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
n-Butylbenzene	ND	5.00	--	ND	27.4	--		10

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-01 D
Client ID: MP-1
Sample Location: PROVIDENCE, RI

Date Collected: 01/26/11 12:40
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	96		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-02
Client ID: MP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/11 00:42
Analyst: BS

Date Collected: 01/26/11 12:46
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.446	0.050	–	2.20	0.247	–		1
Chloromethane	ND	0.500	–	ND	1.03	–		1
Vinyl chloride	ND	0.020	–	ND	0.051	–		1
Chloroethane	ND	0.020	–	ND	0.053	–		1
Acetone	11.3	2.00	–	26.8	4.75	–		1
Trichlorofluoromethane	0.206	0.050	–	1.16	0.281	–		1
Acrylonitrile	ND	0.500	–	ND	1.08	–		1
1,1-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Methylene chloride	ND	1.00	–	ND	3.47	–		1
trans-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
1,1-Dichloroethane	ND	0.020	–	ND	0.081	–		1
Methyl tert butyl ether	ND	0.020	–	ND	0.072	–		1
2-Butanone	7 56	0.500	–	22.3	1.47	–		1
cis-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Chloroform	0.025	0.020	–	0.122	0.098	–		1
1,2-Dichloroethane	ND	0.020	–	ND	0.081	–		1
1,1,1-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Benzene	0.779	0.100	–	2.49	0.319	–		1
Carbon tetrachloride	0.066	0.020	–	0.415	0.126	–		1
1,2-Dichloropropane	ND	0.020	–	ND	0.092	–		1
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
Trichloroethene	0.304	0.020	–	1.63	0.107	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-02
Client ID: MP-2
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 12:46
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.81	0.050	--	6.82	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.102	0.020	--	0.691	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.374	0.020	--	1.62	0.087	--		1
p/m-Xylene	0.978	0.040	--	4.24	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	0.038	0.020	--	0.162	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.347	0.020	--	1.50	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	0.089	0.020	--	0.437	0.098	--		1
1,2,4-Trimethylbenzene	0.286	0.020	--	1.40	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1101203

Project Number: 14687.01 ***Report Date:*** 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-02 Date Collected: 01/26/11 12:46

Client ID: MP-2 Date Received: 01/28/11

Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor

Volatile Organics in Air by SIM - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	100		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-04
Client ID: MP-4
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/11 01:19
Analyst: BS

Date Collected: 01/26/11 13:06
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.534	0.050	–	2.64	0.247	–		1
Chloromethane	ND	0.500	–	ND	1.03	–		1
Vinyl chloride	ND	0.020	–	ND	0.051	–		1
Chloroethane	0.029	0.020	–	0.077	0.053	–		1
Acetone	22.9	2.00	–	54.4	4.75	–		1
Trichlorofluoromethane	2.46	0.050	–	13.8	0.281	–		1
Acrylonitrile	ND	0.500	–	ND	1.08	–		1
1,1-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Methylene chloride	ND	1.00	–	ND	3.47	–		1
trans-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
1,1-Dichloroethane	ND	0.020	–	ND	0.081	–		1
Methyl tert butyl ether	ND	0.020	–	ND	0.072	–		1
2-Butanone	5.59	0.500	–	16.5	1.47	–		1
cis-1,2-Dichloroethene	ND	0.020	–	ND	0.079	–		1
Chloroform	0.033	0.020	–	0.161	0.098	–		1
1,2-Dichloroethane	ND	0.020	–	ND	0.081	–		1
1,1,1-Trichloroethane	ND	0.020	–	ND	0.109	–		1
Benzene	0.770	0.100	–	2.46	0.319	–		1
Carbon tetrachloride	0.066	0.020	–	0.415	0.126	–		1
1,2-Dichloropropane	ND	0.020	–	ND	0.092	–		1
Bromodichloromethane	ND	0.020	–	ND	0.134	–		1
Trichloroethene	1.85	0.020	–	9.94	0.107	–		1
cis-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1
4-Methyl-2-pentanone	ND	0.500	–	ND	2.05	–		1
trans-1,3-Dichloropropene	ND	0.020	–	ND	0.091	–		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-04
Client ID: MP-4
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 13:06
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	1.81	0.050	--	6.82	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.187	0.020	--	1.27	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	0.383	0.020	--	1.66	0.087	--		1
p/m-Xylene	1.01	0.040	--	4.37	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	0.042	0.020	--	0.179	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.355	0.020	--	1.54	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethybenzene	0.096	0.020	--	0.472	0.098	--		1
1,2,4-Trimethylbenzene	0.326	0.020	--	1.60	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-04
Client ID: MP-4
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 13:06
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-05 D
Client ID: MP-6
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/11 01:54
Analyst: BS

Date Collected: 01/26/11 13:28
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.400	0.250	–	1.98	1.24	–		5
Chloromethane	ND	2.50	–	ND	5.16	–		5
Vinyl chloride	ND	0.100	–	ND	0.255	–		5
Chloroethane	ND	0.100	–	ND	0.264	–		5
Acetone	14.5	10.0	–	34.4	23.7	–		5
Trichlorofluoromethane	ND	0.250	–	ND	1.40	–		5
Acrylonitrile	ND	2.50	–	ND	5.42	–		5
1,1-Dichloroethene	ND	0.100	–	ND	0.396	–		5
Methylene chloride	ND	5.00	–	ND	17.4	–		5
trans-1,2-Dichloroethene	ND	0.100	–	ND	0.396	–		5
1,1-Dichloroethane	ND	0.100	–	ND	0.404	–		5
Methyl tert butyl ether	ND	0.100	–	ND	0.360	–		5
2-Butanone	ND	2.50	–	ND	7.37	–		5
cis-1,2-Dichloroethene	ND	0.100	–	ND	0.396	–		5
Chloroform	ND	0.100	–	ND	0.488	–		5
1,2-Dichloroethane	ND	0.100	–	ND	0.404	–		5
1,1,1-Trichloroethane	ND	0.100	–	ND	0.545	–		5
Benzene	ND	0.500	–	ND	1.60	–		5
Carbon tetrachloride	ND	0.100	–	ND	0.629	–		5
1,2-Dichloropropane	ND	0.100	–	ND	0.462	–		5
Bromodichloromethane	ND	0.100	–	ND	0.670	–		5
Trichloroethene	ND	0.100	–	ND	0.537	–		5
cis-1,3-Dichloropropene	ND	0.100	–	ND	0.453	–		5
4-Methyl-2-pentanone	ND	2.50	–	ND	10.2	–		5
trans-1,3-Dichloropropene	ND	0.100	–	ND	0.453	–		5

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-05 D
Client ID: MP-6
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 13:28
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.100	--	ND	0.545	--		5
Toluene	1.26	0.250	--	4.74	0.941	--		5
Dibromochloromethane	ND	0.100	--	ND	0.851	--		5
1,2-Dibromoethane	ND	0.100	--	ND	0.768	--		5
Tetrachloroethene	ND	0.100	--	ND	0.678	--		5
1,1,1,2-Tetrachloroethane	ND	0.100	--	ND	0.686	--		5
Chlorobenzene	ND	0.100	--	ND	0.460	--		5
Ethylbenzene	0.290	0.100	--	1.26	0.434	--		5
p/m-Xylene	0.705	0.200	--	3.06	0.868	--		5
Bromoform	ND	0.100	--	ND	1.03	--		5
Styrene	ND	0.100	--	ND	0.426	--		5
1,1,2,2-Tetrachloroethane	ND	0.100	--	ND	0.686	--		5
o-Xylene	0.255	0.100	--	1.11	0.434	--		5
Isopropylbenzene	ND	2.50	--	ND	12.3	--		5
1,3,5-Trimethybenzene	ND	0.100	--	ND	0.491	--		5
1,2,4-Trimethylbenzene	0.260	0.100	--	1.28	0.491	--		5
1,3-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
1,4-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
sec-Butylbenzene	ND	2.50	--	ND	13.7	--		5
p-Isopropyltoluene	ND	2.50	--	ND	13.7	--		5
1,2-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
n-Butylbenzene	ND	2.50	--	ND	13.7	--		5

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1101203

Project Number: 14687.01 ***Report Date:*** 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-05 D Date Collected: 01/26/11 13:28

Client ID: MP-6 Date Received: 01/28/11

Sample Location: PROVIDENCE, RI Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	102		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-06 D
Client ID: MP-8
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/11 02:31
Analyst: BS

Date Collected: 01/26/11 13:11
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.520	0.250	–	2.57	1.24	–		5
Chloromethane	ND	2.50	–	ND	5.16	–		5
Vinyl chloride	ND	0.100	–	ND	0.255	–		5
Chloroethane	ND	0.100	–	ND	0.264	–		5
Acetone	14.9	10.0	–	35.4	23.7	–		5
Trichlorofluoromethane	ND	0.250	–	ND	1.40	–		5
Acrylonitrile	ND	2.50	–	ND	5.42	–		5
1,1-Dichloroethene	ND	0.100	–	ND	0.396	–		5
Methylene chloride	ND	5.00	–	ND	17.4	–		5
trans-1,2-Dichloroethene	ND	0.100	–	ND	0.396	–		5
1,1-Dichloroethane	ND	0.100	–	ND	0.404	–		5
Methyl tert butyl ether	ND	0.100	–	ND	0.360	–		5
2-Butanone	17.1	2.50	–	50.4	7.37	–		5
cis-1,2-Dichloroethene	ND	0.100	–	ND	0.396	–		5
Chloroform	ND	0.100	–	ND	0.488	–		5
1,2-Dichloroethane	ND	0.100	–	ND	0.404	–		5
1,1,1-Trichloroethane	ND	0.100	–	ND	0.545	–		5
Benzene	0.580	0.500	–	1.85	1.60	–		5
Carbon tetrachloride	ND	0.100	–	ND	0.629	–		5
1,2-Dichloropropane	ND	0.100	–	ND	0.462	–		5
Bromodichloromethane	ND	0.100	–	ND	0.670	–		5
Trichloroethene	0.115	0.100	–	0.617	0.537	–		5
cis-1,3-Dichloropropene	ND	0.100	–	ND	0.453	–		5
4-Methyl-2-pentanone	ND	2.50	–	ND	10.2	–		5
trans-1,3-Dichloropropene	ND	0.100	–	ND	0.453	–		5

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-06 D
Client ID: MP-8
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 13:11
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.100	–	ND	0.545	–		5
Toluene	1.58	0.250	–	5.95	0.941	–		5
Dibromochloromethane	ND	0.100	–	ND	0.851	–		5
1,2-Dibromoethane	ND	0.100	–	ND	0.768	–		5
Tetrachloroethene	0.120	0.100	–	0.813	0.678	–		5
1,1,1,2-Tetrachloroethane	ND	0.100	–	ND	0.686	–		5
Chlorobenzene	ND	0.100	–	ND	0.460	–		5
Ethylbenzene	0.280	0.100	–	1.21	0.434	–		5
p/m-Xylene	0.730	0.200	–	3.17	0.868	–		5
Bromoform	ND	0.100	–	ND	1.03	–		5
Styrene	ND	0.100	–	ND	0.426	–		5
1,1,2,2-Tetrachloroethane	ND	0.100	–	ND	0.686	–		5
o-Xylene	0.265	0.100	–	1.15	0.434	–		5
Isopropylbenzene	ND	2.50	–	ND	12.3	–		5
1,3,5-Trimethybenzene	ND	0.100	–	ND	0.491	–		5
1,2,4-Trimethylbenzene	0.275	0.100	–	1.35	0.491	–		5
1,3-Dichlorobenzene	ND	0.100	–	ND	0.601	–		5
1,4-Dichlorobenzene	ND	0.100	–	ND	0.601	–		5
sec-Butylbenzene	ND	2.50	–	ND	13.7	–		5
p-Isopropyltoluene	ND	2.50	–	ND	13.7	–		5
1,2-Dichlorobenzene	ND	0.100	–	ND	0.601	–		5
n-Butylbenzene	ND	2.50	–	ND	13.7	–		5

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-06 D
Client ID: MP-8
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 13:11
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	100		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-07 D
Client ID: IMP-1
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/11 03:09
Analyst: BS

Date Collected: 01/26/11 12:09
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.670	0.250	--	3.31	1.24	--		5
Chloromethane	ND	2.50	--	ND	5.16	--		5
Vinyl chloride	ND	0.100	--	ND	0.255	--		5
Chloroethane	ND	0.100	--	ND	0.264	--		5
Acetone	10.7	10.0	--	25.3	23.7	--		5
Trichlorofluoromethane	0.305	0.250	--	1.71	1.40	--		5
Acrylonitrile	ND	2.50	--	ND	5.42	--		5
1,1-Dichloroethene	ND	0.100	--	ND	0.396	--		5
Methylene chloride	ND	5.00	--	ND	17.4	--		5
trans-1,2-Dichloroethene	ND	0.100	--	ND	0.396	--		5
1,1-Dichloroethane	ND	0.100	--	ND	0.404	--		5
Methyl tert butyl ether	ND	0.100	--	ND	0.360	--		5
2-Butanone	ND	2.50	--	ND	7.37	--		5
cis-1,2-Dichloroethene	ND	0.100	--	ND	0.396	--		5
Chloroform	ND	0.100	--	ND	0.488	--		5
1,2-Dichloroethane	ND	0.100	--	ND	0.404	--		5
1,1,1-Trichloroethane	ND	0.100	--	ND	0.545	--		5
Benzene	0.565	0.500	--	1.80	1.60	--		5
Carbon tetrachloride	ND	0.100	--	ND	0.629	--		5
1,2-Dichloropropane	ND	0.100	--	ND	0.462	--		5
Bromodichloromethane	ND	0.100	--	ND	0.670	--		5
Trichloroethene	0.230	0.100	--	1.23	0.537	--		5
cis-1,3-Dichloropropene	ND	0.100	--	ND	0.453	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	0.100	--	ND	0.453	--		5

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-07 D
Client ID: IMP-1
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 12:09
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.100	--	ND	0.545	--		5
Toluene	3.22	0.250	--	12.1	0.941	--		5
Dibromochloromethane	ND	0.100	--	ND	0.851	--		5
1,2-Dibromoethane	ND	0.100	--	ND	0.768	--		5
Tetrachloroethene	0.315	0.100	--	2.13	0.678	--		5
1,1,1,2-Tetrachloroethane	ND	0.100	--	ND	0.686	--		5
Chlorobenzene	ND	0.100	--	ND	0.460	--		5
Ethylbenzene	0.955	0.100	--	4.14	0.434	--		5
p/m-Xylene	2.66	0.200	--	11.5	0.868	--		5
Bromoform	ND	0.100	--	ND	1.03	--		5
Styrene	0.100	0.100	--	0.426	0.426	--		5
1,1,2,2-Tetrachloroethane	ND	0.100	--	ND	0.686	--		5
o-Xylene	0.995	0.100	--	4.32	0.434	--		5
Isopropylbenzene	ND	2.50	--	ND	12.3	--		5
1,3,5-Trimethylbenzene	0.405	0.100	--	1.99	0.491	--		5
1,2,4-Trimethylbenzene	1.41	0.100	--	6.93	0.491	--		5
1,3-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
1,4-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
sec-Butylbenzene	ND	2.50	--	ND	13.7	--		5
p-Isopropyltoluene	ND	2.50	--	ND	13.7	--		5
1,2-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
n-Butylbenzene	ND	2.50	--	ND	13.7	--		5

Project Name: ALVAREZ HIGH SCHOOL ***Lab Number:*** L1101203

Project Number: 14687.01 ***Report Date:*** 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-07 D
Client ID: IMP-1
Sample Location: PROVIDENCE, RI

Date Collected: 01/26/11 12:09
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	86		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	85		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-08 D
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/11 03:46
Analyst: BS

Date Collected: 01/26/11 12:07
Date Received: 01/28/11
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.655	0.250	–	3.24	1.24	–		5
Chloromethane	ND	2.50	–	ND	5.16	–		5
Vinyl chloride	ND	0.100	–	ND	0.255	–		5
Chloroethane	ND	0.100	–	ND	0.264	–		5
Acetone	14.0	10.0	–	33.3	23.7	–		5
Trichlorofluoromethane	4.64	0.250	–	26.0	1.40	–		5
Acrylonitrile	ND	2.50	–	ND	5.42	–		5
1,1-Dichloroethene	ND	0.100	–	ND	0.396	–		5
Methylene chloride	ND	5.00	–	ND	17.4	–		5
trans-1,2-Dichloroethene	ND	0.100	–	ND	0.396	–		5
1,1-Dichloroethane	ND	0.100	–	ND	0.404	–		5
Methyl tert butyl ether	ND	0.100	–	ND	0.360	–		5
2-Butanone	ND	2.50	–	ND	7.37	–		5
cis-1,2-Dichloroethene	ND	0.100	–	ND	0.396	–		5
Chloroform	ND	0.100	–	ND	0.488	–		5
1,2-Dichloroethane	ND	0.100	–	ND	0.404	–		5
1,1,1-Trichloroethane	0.155	0.100	–	0.845	0.545	–		5
Benzene	0.595	0.500	–	1.90	1.60	–		5
Carbon tetrachloride	ND	0.100	–	ND	0.629	–		5
1,2-Dichloropropane	ND	0.100	–	ND	0.462	–		5
Bromodichloromethane	ND	0.100	–	ND	0.670	–		5
Trichloroethene	5.05	0.100	–	27.1	0.537	–		5
cis-1,3-Dichloropropene	ND	0.100	–	ND	0.453	–		5
4-Methyl-2-pentanone	ND	2.50	–	ND	10.2	–		5
trans-1,3-Dichloropropene	ND	0.100	–	ND	0.453	–		5

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-08 D
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 12:07
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,2-Trichloroethane	ND	0.100	--	ND	0.545	--		5
Toluene	3.17	0.250	--	11.9	0.941	--		5
Dibromochloromethane	ND	0.100	--	ND	0.851	--		5
1,2-Dibromoethane	ND	0.100	--	ND	0.768	--		5
Tetrachloroethene	1.22	0.100	--	8.30	0.678	--		5
1,1,1,2-Tetrachloroethane	ND	0.100	--	ND	0.686	--		5
Chlorobenzene	ND	0.100	--	ND	0.460	--		5
Ethylbenzene	1.08	0.100	--	4.68	0.434	--		5
p/m-Xylene	3.14	0.200	--	13.6	0.868	--		5
Bromoform	ND	0.100	--	ND	1.03	--		5
Styrene	0.145	0.100	--	0.617	0.426	--		5
1,1,2,2-Tetrachloroethane	ND	0.100	--	ND	0.686	--		5
o-Xylene	1.19	0.100	--	5.16	0.434	--		5
Isopropylbenzene	ND	2.50	--	ND	12.3	--		5
1,3,5-Trimethybenzene	0.585	0.100	--	2.87	0.491	--		5
1,2,4-Trimethylbenzene	2.12	0.100	--	10.4	0.491	--		5
1,3-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
1,4-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
sec-Butylbenzene	ND	2.50	--	ND	13.7	--		5
p-Isopropyltoluene	ND	2.50	--	ND	13.7	--		5
1,2-Dichlorobenzene	ND	0.100	--	ND	0.601	--		5
n-Butylbenzene	ND	2.50	--	ND	13.7	--		5

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

SAMPLE RESULTS

Lab ID: L1101203-08 D
Client ID: IMP-2
Sample Location: PROVIDENCE, RI
Date Collected: 01/26/11 12:07
Date Received: 01/28/11
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	102		60-140

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/02/11 20:48

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-02,04-08 Batch: WG453571-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/02/11 20:48

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-02,04-08 Batch: WG453571-4								
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02,04-08 Batch: WG453571-3								
Dichlorodifluoromethane	98		-		70-130	-		25
Chloromethane	82		-		70-130	-		25
Vinyl chloride	95		-		70-130	-		25
Chloroethane	92		-		70-130	-		25
Acetone	82		-		70-130	-		25
Trichlorofluoromethane	98		-		70-130	-		25
Acrylonitrile	83		-		70-130	-		25
1,1-Dichloroethene	95		-		70-130	-		25
Methylene chloride	88		-		70-130	-		25
trans-1,2-Dichloroethene	89		-		70-130	-		25
1,1-Dichloroethane	96		-		70-130	-		25
Methyl tert butyl ether	86		-		70-130	-		25
2-Butanone	93		-		70-130	-		25
cis-1,2-Dichloroethene	99		-		70-130	-		25
Chloroform	99		-		70-130	-		25
1,2-Dichloroethane	93		-		70-130	-		25
1,1,1-Trichloroethane	97		-		70-130	-		25
Benzene	85		-		70-130	-		25
Carbon tetrachloride	99		-		70-130	-		25
1,2-Dichloropropane	95		-		70-130	-		25
Bromodichloromethane	94		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02,04-08 Batch: WG453571-3								
Trichloroethene	96		-		70-130	-		25
cis-1,3-Dichloropropene	97		-		70-130	-		25
4-Methyl-2-pentanone	93		-		70-130	-		25
trans-1,3-Dichloropropene	81		-		70-130	-		25
1,1,2-Trichloroethane	100		-		70-130	-		25
Toluene	87		-		70-130	-		25
Dibromochloromethane	101		-		70-130	-		25
1,2-Dibromoethane	101		-		70-130	-		25
Tetrachloroethene	104		-		70-130	-		25
1,1,1,2-Tetrachloroethane	103		-		70-130	-		25
Chlorobenzene	101		-		70-130	-		25
Ethylbenzene	93		-		70-130	-		25
p/m-Xylene	96		-		70-130	-		25
Bromoform	100		-		70-130	-		25
Styrene	97		-		70-130	-		25
1,1,2,2-Tetrachloroethane	103		-		70-130	-		25
o-Xylene	97		-		70-130	-		25
Isopropylbenzene	97		-		70-130	-		25
1,3,5-Trimethylbenzene	101		-		70-130	-		25
1,2,4-Trimethylbenzene	106		-		70-130	-		25
1,3-Dichlorobenzene	106		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02,04-08 Batch: WG453571-3								
1,4-Dichlorobenzene	104		-		70-130	-		25
sec-Butylbenzene	102		-		70-130	-		25
p-Isopropyltoluene	96		-		70-130	-		25
1,2-Dichlorobenzene	105		-		70-130	-		25
n-Butylbenzene	99		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02,04-08 QC Batch ID: WG453571-5 QC Sample: L1101203-01 Client ID: MP-1

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Acetone	48.1	47.0	ppbV	2		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Acrylonitrile	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	319	288	ppbV	10		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	0.570	0.570	ppbV	0		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02,04-08 QC Batch ID: WG453571-5 QC Sample: L1101203-01 Client ID: MP-1					
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	1.61	1.58	ppbV	2	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	ND	ND	ppbV	NC	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.290	0.290	ppbV	0	25
p/m-Xylene	0.710	0.670	ppbV	6	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.250	0.240	ppbV	4	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02,04-08 QC Batch ID: WG453571-5 QC Sample: L1101203-01 Client ID: MP-1					
Isopropylbenzene	ND	ND	ppbV	NC	25
1,3,5-Trimethybenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.250	0.230	ppbV	8	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
sec-Butylbenzene	ND	ND	ppbV	NC	25
p-Isopropyltoluene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
n-Butylbenzene	ND	ND	ppbV	NC	25

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L1101203

Project Number: 14687.01 **Report Date:** 02/04/11

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Cleaning Batch ID	Initial Pressure (In. Hg)	Pressure on Receipt (In. Hg)	Flow Out mL/min	Flow In mL/min	% RSD
L1101203-01	MP-1	0037	#30 SV		-	-	70	73	4
L1101203-01	MP-1	235	2.7L Can	L1100021	-29.4	-1.6	-	-	-
L1101203-02	MP-2	0265	#90 SV		-	-	69	90	26
L1101203-02	MP-2	469	2.7L Can	I1020563	-29.4	1.9	-	-	-
L1101203-03	MP-3	0014	#90 SV		-	-	69	67	3
L1101203-03	MP-3	371	2.7L Can	L1100021	-29.4	-27.8	-	-	-
L1101203-04	MP-4	0271	#90 SV		-	-	72	53	30
L1101203-04	MP-4	399	2.7L Can	L1100021	-29.4	1.7	-	-	-
L1101203-05	MP-6	0446	#90 SV		-	-	66	66	0
L1101203-05	MP-6	355	2.7L Can	L1100021	-29.4	-5.0	-	-	-
L1101203-06	MP-8	0412	#90 SV		-	-	72	72	0
L1101203-06	MP-8	401	2.7L Can	L1100021	-29.1	-1.9	-	-	-
L1101203-07	IMP-1	0332	#90 SV		-	-	68	72	6
L1101203-07	IMP-1	554	2.7L Can	L1100021	-28.2	-0.2	-	-	-
L1101203-08	IMP-2	0045	#90 SV		-	-	70	75	7
L1101203-08	IMP-2	241	2.7L Can	I1020563	-29.4	-0.3	-	-	-

Air Volatiles Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/29/10 18:47
Analyst: BS

Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

	ppbV			ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:

Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.622	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.589	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.923	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
Diisopropyl ether	ND	0.200	--	ND	0.835	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.835	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.907	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.835	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.720	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:
Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:

Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	--	ND	1.28	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
n-Propylbenzene	ND	0.200	--	ND	0.982	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.03	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.982	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.982	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.982	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.03	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1020563

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01 Date Collected: 12/27/10 00:00

Client ID: CAN 213 SHELF 2 Date Received: 12/27/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/29/10 18:47
Analyst: BS

Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:
Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1020563
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01
Client ID: CAN 213 SHELF 2
Sample Location:

Date Collected: 12/27/10 00:00
Date Received: 12/27/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1020563

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1020563-01 Date Collected: 12/27/10 00:00

Client ID: CAN 213 SHELF 2 Date Received: 12/27/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	109		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100021
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01
Client ID: CAN 258 SHELF 8
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/05/11 19:06
Analyst: RY

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.606	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.988	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.776	--		1
Chloroethane	ND	0.200	--	ND	0.527	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.841	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.14	--		1
Acetone	ND	1.00	--	ND	2.37	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100021

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01 Date Collected: 12/30/10 00:00

Client ID: CAN 258 SHELF 8 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				Dilution
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Factor**
Volatile Organics in Air (Low Level) - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.622	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.720	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.589	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.792	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.976	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.589	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.923	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.704	--		1
Diisopropyl ether	ND	0.200	--	ND	0.835	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.835	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.907	--		1
Benzene	ND	0.200	--	ND	0.638	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.835	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.720	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100021

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01 Date Collected: 12/30/10 00:00

Client ID: CAN 258 SHELF 8 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				Dilution
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-1-pentene	ND	0.500	--	ND	2.29	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.819	--		1
2,4,4-trimethyl-2-pentene	ND	0.500	--	ND	2.29	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.907	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.753	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.923	--		1
2-Hexanone	ND	0.200	--	ND	0.819	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.37	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.920	--		1
Ethylbenzene	ND	0.200	--	ND	0.868	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.06	--		1
Styrene	ND	0.200	--	ND	0.851	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.868	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.982	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1100021

Project Number: CANISTER QC BAT **Report Date:** 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01 Date Collected: 12/30/10 00:00

Client ID: CAN 258 SHELF 8 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air (Low Level) - Mansfield Lab								
Bromobenzene	ND	0.200	–	ND	1.28	–		1
2-Chlorotoluene	ND	0.200	–	ND	1.03	–		1
n-Propylbenzene	ND	0.200	–	ND	0.982	–		1
4-Chlorotoluene	ND	0.200	–	ND	1.03	–		1
4-Ethyltoluene	ND	0.200	–	ND	0.982	–		1
1,3,5-Trimethybenzene	ND	0.200	–	ND	0.982	–		1
tert-Butylbenzene	ND	0.200	–	ND	1.10	–		1
1,2,4-Trimethylbenzene	ND	0.200	–	ND	0.982	–		1
Decane	ND	0.200	–	ND	1.16	–		1
Benzyl chloride	ND	0.200	–	ND	1.03	–		1
1,3-Dichlorobenzene	ND	0.200	–	ND	1.20	–		1
1,4-Dichlorobenzene	ND	0.200	–	ND	1.20	–		1
sec-Butylbenzene	ND	0.200	–	ND	1.10	–		1
p-Isopropyltoluene	ND	0.200	–	ND	1.10	–		1
1,2-Dichlorobenzene	ND	0.200	–	ND	1.20	–		1
n-Butylbenzene	ND	0.200	–	ND	1.10	–		1
1,2-Dibromo-3-chloropropane	ND	0.200	–	ND	1.93	–		1
Undecane	ND	0.200	–	ND	1.28	–		1
Dodecane	ND	0.200	–	ND	1.39	–		1
1,2,4-Trichlorobenzene	ND	0.200	–	ND	1.48	–		1
Naphthalene	ND	0.200	–	ND	1.05	–		1
1,2,3-Trichlorobenzene	ND	0.200	–	ND	1.48	–		1
Hexachlorobutadiene	ND	0.200	–	ND	2.13	–		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1100021
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01
Client ID: CAN 258 SHELF 8
Sample Location:

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor

Volatile Organics in Air (Low Level) - Mansfield Lab

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1100021
Report Date: 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01
Client ID: CAN 258 SHELF 8
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/05/11 19:06
Analyst: RY

Date Collected: 12/30/10 00:00
Date Received: 12/30/10
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.403	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100021

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01 Date Collected: 12/30/10 00:00

Client ID: CAN 258 SHELF 8 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.206	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100021

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01 Date Collected: 12/30/10 00:00

Client ID: CAN 258 SHELF 8 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	–	ND	0.371	–		1
Naphthalene	ND	0.050	–	ND	0.262	–		1
1,2,3-Trichlorobenzene	ND	0.050	–	ND	0.371	–		1
Hexachlorobutadiene	ND	0.050	–	ND	0.533	–		1

Project Name: BATCH CANISTER CERTIFICATION ***Lab Number:*** L1100021

Project Number: CANISTER QC BAT ***Report Date:*** 02/04/11

Air Canister Certification Results

Lab ID: L1100021-01 Date Collected: 12/30/10 00:00

Client ID: CAN 258 SHELF 8 Date Received: 12/30/10

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	116		60-140
chlorobenzene-d5	83		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION
Lab Number: L1100021
Project Number: CANISTER QC BAT
Report Date: 02/04/11

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1100021-01	Date Collected:	12/30/10 00:00
Client ID:	CAN 258 SHELF 8	Date Received:	12/30/10
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	01/05/11 20:41		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	–	1
Methyl tert butyl ether	ND		ug/m3	2.0	–	1
Benzene	ND		ug/m3	2.0	–	1
Toluene	ND		ug/m3	2.0	–	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	–	1
Ethylbenzene	ND		ug/m3	2.0	–	1
p/m-Xylene	ND		ug/m3	4.0	–	1
o-Xylene	ND		ug/m3	2.0	–	1
Naphthalene	ND		ug/m3	2.0	–	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	–	1
C9-C10 Aromatics Total	ND		ug/m3	10	–	1

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01

Lab Number: L1101203
Report Date: 02/04/11

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**
Cooler
N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1101203-01A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101203-02A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101203-03A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	CANCELLED()
L1101203-04A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101203-05A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101203-06A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101203-07A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)
L1101203-08A	Canister - 2.7 Liter	N/A	NA		NA	Present/Intact	TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name: ALVAREZ HIGH SCHOOL **Lab Number:** L1101203

Project Number: 14687.01 **Report Date:** 02/04/11

GLOSSARY

Acronyms

EPA · Environmental Protection Agency.

LCS · Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD · Laboratory Control Sample Duplicate: Refer to LCS.

MDL · Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS · Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD · Matrix Spike Sample Duplicate: Refer to MS.

NA · Not Applicable.

NC · Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI · Not Ignitable.

RL · Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD · Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

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

Data Qualifiers

A · Spectra identified as "Aldol Condensation Product".

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

D · Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

G · The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

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

I · The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.

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

Q · The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when

Project Name:	ALVAREZ HIGH SCHOOL	**Lab Number:**	L1101203
Project Number:	14687.01	**Report Date:**	02/04/11

Data Qualifiers

the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

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

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: ALVAREZ HIGH SCHOOL
Project Number: 14687.01
Lab Number: L1101203
Report Date: 02/04/11

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised July 19, 2010 – Mansfield Facility

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

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

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

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

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

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

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

Air & Emissions (EPA TO-15.)

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

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

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

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

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

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

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

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

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

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

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

Atmospheric Organic Parameters (EPA TO-15)

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

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

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

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

Air & Emissions (EPA TO-15.)

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

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

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

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

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8260, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

U.S. Army Corps of Engineers

Department of Defense Certificate/Lab ID: L2217.01.

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312,3051, 6020, 747A, 7474, 9045C,9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl.

Serial_No:02041112:27

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd In Lab:

ALPHA Job #: L1101203

Client Information

Client: EA Engineering
Address: 2374 Post Rd Suite 102
Phone: 401-736-3440
Fax:
Email: rmack@eaest.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Alvarez
Project Location: Providence, RI
Project #: 14687.01
Project Manager: Frank Postma
ALPHA Quote #:

Turn-Around Time

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

Report Information - Data Deliverables

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

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
	~~Gymnasium~~	~~1-26-11~~	~~741~~	~~812~~		~~18.91~~													
	~~Cafeteria~~	~~1-26-11~~	~~741~~	~~810~~		~~11.68~~													
	~~Room 145~~	~~1-26-11~~	~~739~~	~~809~~	~~29.18~~	~~17.75~~													
1203-01	MP-1	1-26-11	1207	1240	29.09	2.97	SV	KM/MT		235	0037			X					4263 ppb
-02	MP-2	1-26-11	1218	1246	28.49	0	SV			469	0265			X					0 ppb
-03	MP-3	1-26-11	1229	1259	28.91	27.16	SV			371	0014			X					NA
-04	MP-4	1-26-11	1232	1306	28.81	0	SV			399	0271			X					NA
-05	MP-6	1-26-11	1259	1328	28.84	5.90	SV			355	0446			X					NA
-06	MP-8	1-26-11	1239	1311	28.90	3.39	SV			401	0412			X					NA
-07	IMP-1	1-26-11	1131	1209	27.81	0	SV	↓		554	0339			X					4030 ppb

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

Container Type

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

Relinquished By:	Date/Time	Received By:	Date/Time:
	1/28/11 1604		1/28/11 1605
	1/28/11 1715		1/28/11 17:15

Serial_No:02041112:27

AIR ANALYSIS

PAGE 2 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd In Lab:

ALPHA Job #: L1101203

Client Information

Client: EA Engineering
Address: 2374 Post Rd
Suite 102
Phone: 401-736-3440
Fax:
Email: rmack@eaest.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Alvarez
Project Location: Providence, RI
Project #: 14687.01
Project Manager: Frank Postma
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

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

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
1203-08	IMP-2	1-26-11	1122	1207	29.54	0	SV	RM/MT		241	0045			X					4312

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

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	1/28/11 1607	[signature]	1/28/11 1605
[signature]	1/28/11 1715	[signature]	1/28/11 17:15

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

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

ATTACHMENT E

Alpha HVAC Letter

November 9, 2010

Frank Postma
EA Engineering, Science & Technology
2374 Post Road
Warwick, RI 02886

RE: Methylene Chloride reported for L1010918 & L1016363

Frank;

Per your discussion with Joe Foley (sales representative, Alpha Analytical), you had questioned detections of methylene chloride in the laboratory reports recently issued by Alpha, job# L1010918 and L1016363. Methylene Chloride is indeed used in the facility in the organic preparation lab to perform extractions for semivolatile analyses, and we have put a number of controls in place to eliminate any contamination of air samples due to the use of this compound in the facility.

- The laboratory areas in which canisters are cleaned, prepared for shipment, and analyzed is kept under positive pressure to control air from the prep lab infiltrating the canister preparation room and air analysis laboratory.

- The opening of canisters is minimized, and only done in the rooms under positive pressure to avoid potential impacts of laboratory air.

With these controls in place, however, we have observed an increase in detection of methylene chloride in samples over the past few months. The standard laboratory quality control analyses, i.e. method blanks, have not detected this compound at significant levels, and therefore we have no reason, other than intuition, to question the methylene chloride results. In addition, we will be making a significant investment (i.e. $250K) in HVAC controls by the end of this year in order to further reduce any potential for methylene chloride contamination.

If it is of any assistance, Alpha has agreed to provide analytical services at no additional cost for any re-sampling needed to confirm the presence of this compound. If you have any questions, or would like to discuss this matter further, please feel free to contact myself or Joe Foley.

Regards,

Andy Rezendes
Product Line Manager-Air Testing
Alpha Analytical, Inc.
508-844-4181 direct line

ATTACHMENT F

RIDEM Air Resources Comment Letter
28 February 2011

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

INTEROFFICE MEMO

TO: Joseph Martella, Sr. Sanitary Engineer DATE: 28 Feb. 2011
RI Department of Environmental Management
Office of Waste Management

FROM: Barbara Morin, Supervising Environmental Scientist BMM
RI Department of Environmental Management
Office of Air Resources

SUBJECT: Alvarez High School Air Samples

As you are aware, the Office of Air Resources (OAR) collected air samples at the Alvarez High School, 333 Adelaide Ave., Providence on January 26, 2011. Thirty minute samples were collected in evacuated canisters beginning at 7:39 AM at three locations inside the school: in the gymnasium, in the library classroom and in the cafeteria. A sample was also collected concurrently outside the building. The OAR canisters were co-located with EA samplers in order to verify the results of EA's samples.

The OAR results, in units of ppb and $\mu g/m^3$, are attached. Note that outdoor air pollutant levels were elevated throughout the Providence metropolitan area on January 26th, and this occurrence of dirty air was reflected in elevated levels of certain pollutants in both the indoor and outdoor samples. However, since the indoor and outdoor levels of most of the pollutants measured, including the chlorinated solvents associated with this site, were similar, there is no indication that vapor intrusion or other site-specific sources had a significant impact on indoor levels. Note in particular that methylene chloride levels in the indoor and outdoor samples were similar. This finding is not consistent with the elevated levels of methylene chloride seen in some of the EA samples taken on January 26th and on previous sampling days and indicates that some of the sampling devices used by EA may be contaminated with methylene chloride.

If you have any questions, feel free to contact me.

ATTACHMENT G

Reporting Limits Letter
Alpha Analytical
11 February 2011

February 11, 2011

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

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

Re: TO15 SIM Reporting Limits

Dear Ron,

As we communicated prior to the TO-15 SIM analyses completed for the Alvarez High School air samples collected on January 26, 2011; the SIM Reporting Limits achieved for the following compounds are the lowest that we can currently achieve at Alpha. Please note that these reporting limits are above the Draft Proposed CT RSR (Residential) Criteria for these compounds:

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

Please don't hesitate to contact me at 508-844-4156 if you have any questions.

Best Regards,

Katie O'Brien

ATTACHMENT H

Operation and Maintenance Form
21 April 2010

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

Date of O&M: 4/21/2010 Performed by: RGM/PT

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

Date of Last Methane Sensor Filter Replacement: Feb 2010 Replaced this O&M Visit? No (yes/no)

General Status of SSD System: On-line

General Status of Methane Monitoring System: On-line

Eng. Cap/Fence Inspection Performed/Notes: Buffing and Cleaning Floors

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	462.0	0	0	0	424	0090	0923	-30	0950	-8	
Cafeteria	NA	NA	56.0	0	0	0	1721	0252	0921	-29	0951	-1	
Kitchen Storage Room	NA	NA	0.0	0	0	0	1508	0360	0942	-29	1013	-1	
Elevator Hallway	NA	NA	0.0	0	0	0	546	0042	0924	-30+	0953	-8	
Room 145	NA	NA	4.0	0	0	0	478	0130	0926	-30+	0958	-5	
Room 152	NA	NA	2.0	0	0	0	372	0451	0928	-26	0958	-4	
Room 118	NA	NA	11.0	0	0	0	132	0124	0930	-30+	1003	-10.5	
Room 110	NA	NA	14.0	0	0	0	121	0173	0930	-30+	1005	-4	
MP-1	-0.06	NA	1.4 ppm	NA	0.2	4.0	—						
MP-2	-0.05	NA	12.0 ppm	NA	0	0.0	131	0463	1058	-30+	1129	-9	
MP-3	-0.04	NA	974.0	NA	0.3	6.0	—						
MP-4	-0.05	NA	2.6 ppm	NA	0.2	4.0	—						
MP-5	-0.05	NA	1.2	NA	0.1	2.0	1735	0449	1126	-28	1155	-7	
MP-6	-0.09	NA	3.0 ppm	NA	0.2	4.0	—						
MP-7	-0.15	NA	2.0 ppm	NA	0	0.0	360	0062	1115	-30+	1170	-7	
MP-8	-0.14	NA	11.3 ppm	NA	0.1	2.0	506	0330	1139	-30+	1210	-9	
IMP-1	-0.02	NA	53.0	NA	0	0.0	450	0486	949	-29.5	1018	-6	Water in annulus
IMP-2	-0.02	NA	14.0	NA	0	0.0	—						
IMP-3	-0.02	NA	49.0	NA	0	0.0	147	0368	0957	-29	1030	-1	
Roof-Top Fan 1	2.00	1725	309.0	NA	0.3	6.0	—						
Roof-Top Fan 2	1.90	2355	392.0	NA	0.2	4.0	—						
Roof-Top Fan 3	2.20	2375	116.0	NA	0	0.0	—						
Ambient Outdoor Air	NA	NA	11.0	NA	0.2	4.0	1717	0398	1103	-30+	1140	-4	

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