EA Engineering, Science, and Technology, Inc.

Airport Professional Park
2350 Post Road
Warwick, Rhode Island 02886
Telephone: 401-736-3440
Fax: 401-736-3423
www.eaest.com

22 December 2008

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

RE: September 2008 Air Sampling Event Comment Letter
Adelaide Avenue School, 333 Adelaide Avenue, Providence, Rhode Island
RIDEM Case No. 2005-029
EA Project No. 14613.01

Dear Mr. Martella:

On behalf of the Providence Department of Public Property (City), EA Engineering, Science, and Technology, Inc. (EA) is providing this summary of the data collected at the referenced Adelaide Avenue School site (the Site) on 30 September 2008.

In accordance with the Order of Approval and amendments (Amended OA) for this Site, your Office was notified via telephone that four compounds, 1,2,4-Trimethylbenzene (157 $\mu g/m^3$), 1,3,5-Trimethylbenzene (18.6 $\mu g/m^3$), n-Butylbenzene (1,090 $\mu g/m^3$), and p-Isopropyltoluene (67 $\mu g/m^3$), were detected within samples collected from Room 152 at concentrations that exceed the State of Connecticut's draft, proposed, Indoor Residential Targeted Air Concentrations (9.3 $\mu g/m^3$, 9.3 $\mu g/m^3$, 73 $\mu g/m^3$, and 67 $\mu g/m^3$, respectively).

Upon receipt of these detections, EA contacted GeoLabs, Inc. to ask them to investigate these detections. The letter issued by Geolabs (Attachment A) explains how high molecular weights of the detected compounds may have contributed to the retainage of said compounds within the summa canister. The laboratory continues to state they "consider the results for these four compounds to be suspect and recommend that they be stricken from the results."

Concurrently, EA immediately reviewed the data set to determine if the detection could be attributed to subslab vapor intrusion. Upon review, the subslab sampling point IMP-2, located directly beneath Room 152, was sampled this round. Analytical results indicate the four compounds, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, n-Butylbenzene, and p-Isopropyltoluene were not detected above laboratory method detection limits in subslab sampling point IMP-2, or in the ambient air sample collected outside.

Based on the factors detailed above, it has become clear that these detections are due to cross contamination and/or are anomalous, and not due to soil vapor intrusion. Therefore, the SSD System continues to operate effectively in accordance with design, and demonstrates that soil vapor intrusion is not occurring within the Adelaide Avenue School. Copies of the Indoor Air

Laboratory Analytical Report and the Subslab Vapor Analytical Report are provided in Attachment B and Attachment C, respectively.

No SSD System modifications or other actions to address current site conditions are warranted or proposed at this time. The next monthly air sampling event for the school will be conducted in November 2008. If you have any questions or require additional information, please contact me at 401-736-3440, Ext. 202.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC.

Mark K. Speer, P.E.
Senior Engineer

MKS/rgm

Figures

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

Attachments

Attachment A: Letter – Geolabs, Inc., 27 October 2008
Attachment B: Indoor Air Analytical Report, 22 October 2008
Attachment C: Subslab Vapor Analytical Report, 22 October 2008

cc: M. Dunham, Prov. School Department
S. Rapport, City of Prov. Law Department
J. Fernandez, City of Prov. Law Department
J. Boehnert, Partridge, Snow, & Hahn
T. Gray, RIDEM Bureau of Env. Protection
L. Hellested, RIDEM OWM
T. Slater, Representative
S. Fischbach, RI Legal Services
Principal Torchon, Adelaide High School
M. Murphy, MacTec
A. Sepe, Prov. Dept. of Public Property
T. Deller, Prov. Redevelopment Agency
J. Ryan, Partridge, Snow, & Hahn
R. Dorr, Neighborhood Resident
J. Langlois, RIDEM Legal Services
K. Owens, RIDEM OWM
J. Pichardo, Senator
Knight Memorial Library Repository
D. Heislein, MacTec
G. Simpson, Textron

Figure 1

Indoor Air Sampling and Methane Monitoring Plan

Methane Sensor Location in West Wing

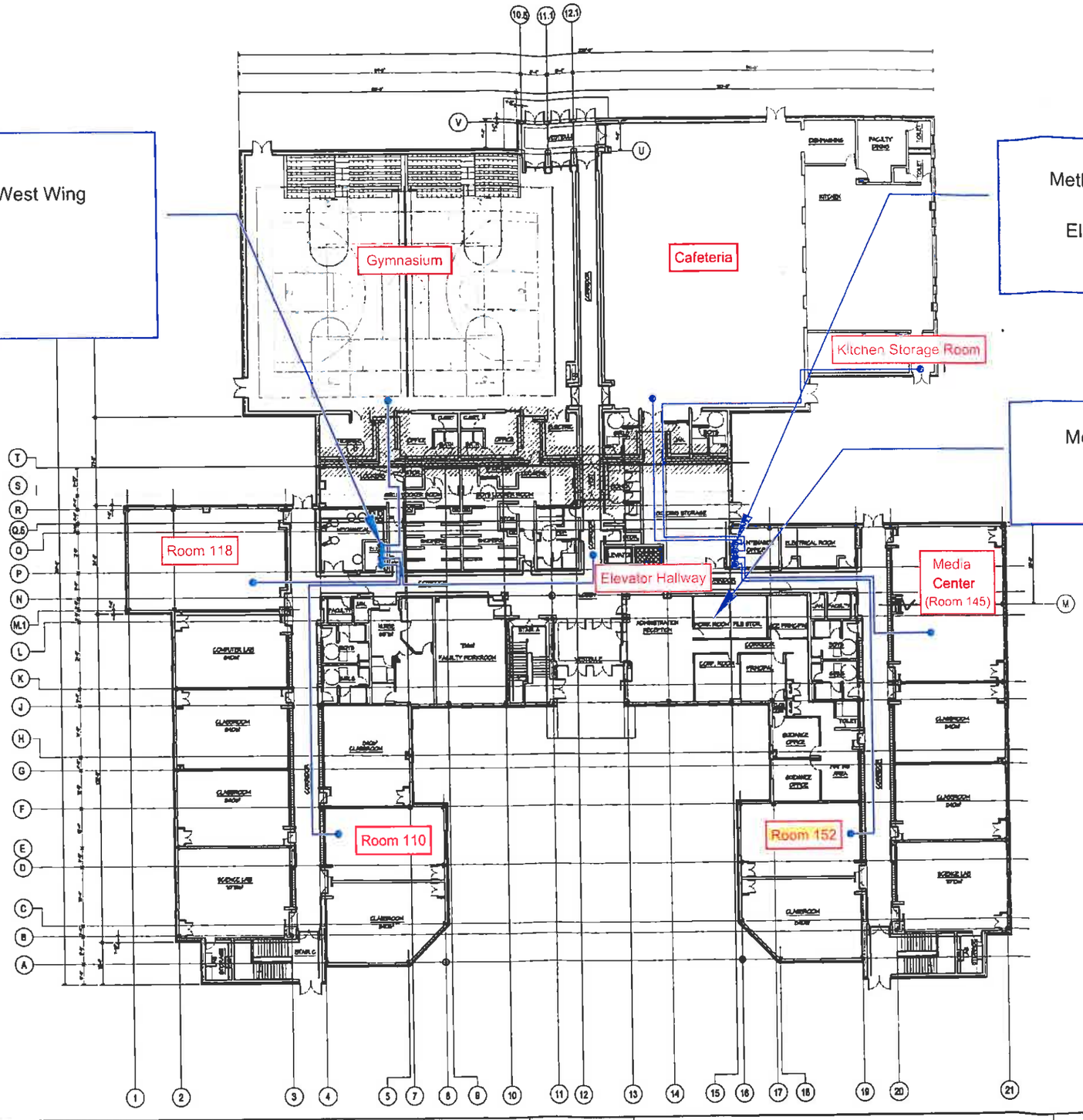
Electrical Room Area

Methane Sensor Location in East Wing

Electrical Room/Maintenance Office Area.

Methane System Controller Location

Adminstration Work Room



NOTE: NOT TO SCALE

PROJECT NORTH

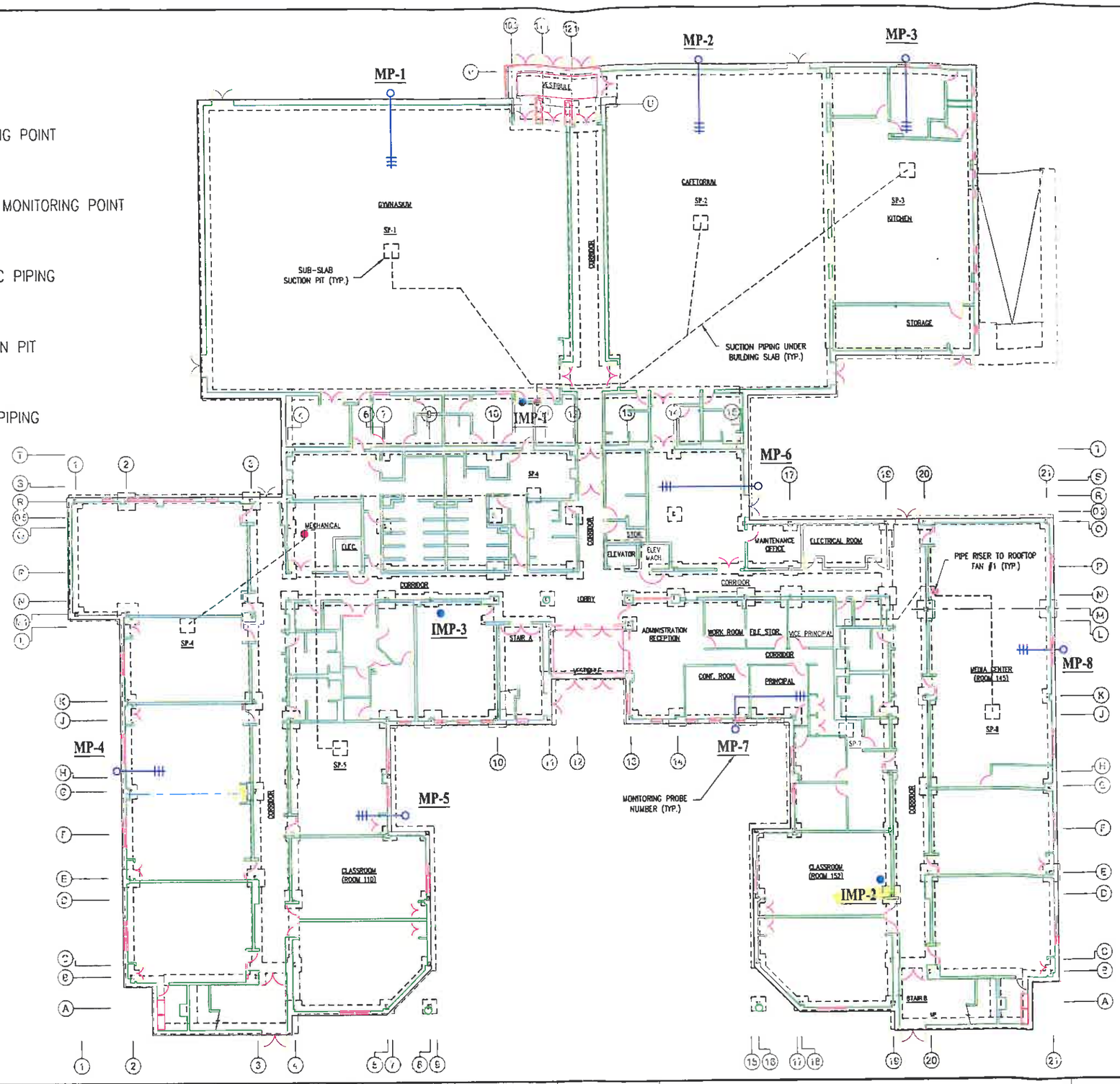
DESIGNED BY: PMG	DRAWN BY: PMG	DATE: 4-3-07	PROJECT NO.: 61965.01	FILE NAME: Gorham Layout	INDOOR AIR SAMPLING AND METHANE MONITORING SYSTEM DIAGRAM - GORHAM HIGH SCHOOL PROVIDENCE, RHODE ISLAND
CHECKED BY: PMG	PROJECT MGR.: PMG	SCALE: NTS	DRAWING NO.: –	FIGURE: N/A	QUARTERLY STATUS REPORT APPENDIX B

Figure 2

As-Built Subslab Monitoring and
Sampling Locations Plan

LEGEND :

MP-1	SUB-SLAB MONITORING POINT
IMP-1	INTERIOR SUB-SLAB MONITORING POINT
——#——	SLOTTED 1 INCH PVC PIPING
SP-1 ⬚	SSD SYSTEM SUCTION PIT
--------	SOLID 4 INCH PVC PIPING



DESIGNED BY: PMG	DRAWN BY: DMA	DATE: AUG 27 2007	PROJECT NO.: 61965.01	FILE NAME: AS-BUILT08-07	AS-BUILT SUB SLAB MONITORING AND SAMPLING LOCATIONS ADELAIDE AVE HIGH SCHOOL PROVIDENCE, RHODE ISLAND
CHECKED BY: PMG	PROJECT MGR.: PMG	SCALE: NTS	DRAWING NO.: 2 OF 3	FIGURE: N/A	QUARTERLY STATUS REPORT APPENDIX C

Attachment A

Letter – Geolabs, Inc.
27 October 2008

GeoLabs, Inc.

Environmental Laboratories
45 Johnson Lane, Braintree, MA 02184
Phone: (781)-848-7844 Fax: (781)-848-7811

October 27, 2008

Mark Speer
EA Engineering, Science and Technology
2350 Post Road
Warwick, RI 02886

Dear Mark,

At your request, GeoLabs, Inc. has investigated the results of the air sample from room 152, collected on September 30, 2008. This sample had unexpectedly high results for 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, n-Butylbenzene and p-Isopropyltoluene. These compounds have relatively high molecular weights and have a tendency of being retained in the summa canisters and in the testing equipment, even after a normal cleaning routine. Under normal conditions, with normal detection limits, this potential condition should not cause an errant finding.

Due to the long history of no detection at this location, the extremely low detection limits that were required, and the phenomenon listed above, we consider the results for these four compounds to be suspect and recommend that they be stricken from the results, unless your own investigation unveils the introduction of the contaminates to the area in the form of a glue or other agent that contains solvents.

Sincerely,

David Kohler

President

Attachment B

Indoor Air Analytical Report
22 October 2008

GeoLabs, Inc. **Date:** *22-Oct-08*

CLIENT: EA Engineering
Project: 61965.01
Lab Order: 0810022

CASE NARRATIVE

Physical Condition of Samples

The project was received by the laboratory in satisfactory condition. The sample(s) were received undamaged, in appropriate containers with the correct preservation.

Project Documentation

The project was accompanied by satisfactory Chain of Custody documentation.

Analysis of Sample(s)

All extractable samples were extracted and analyzed and any Volatile samples were analyzed within method specified holding times and according to GeoLabs documented Standard Operating Procedure. No analytical anomalies or non-conformances were noted by the laboratory during the processing of these samples.

Wednesday, October 22, 2008

GeoLabs, Inc.
45 Johnson Lane
Braintree MA 02184
Tele: 781 848 7844
Fax: 781 848 7811

Ron Mack
EA Engineering
2350 Post Road
Warwick, RI 02886

TEL: (401) 736-3440
FAX: (401) 736-3423

Project: 61965.01
Location: Adelaide Avenue School

Order No.: 0810022

Dear Ron Mack:

GeoLabs, Inc. received 9 sample(s) on 10/1/2008 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications, except when noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Jim Chen
Laboratory Director

For current certifications, please visit our website at www.geolabs.com

Certifications:

CT (PH-0148) - MA (M-MA015) - NH (2508) - NJ (MA009) - NY (11796) - RI (LA000252)

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-001
SAMPLE LOCATION: Gymnasium

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	**0.050**	**0.300**	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-001
SAMPLE LOCATION: Gymnasium

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.064**	**0.404**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.600**	**1.10**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-001
SAMPLE LOCATION: Gymnasium

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	**0.700**	**2.50**	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	**0.050**	**0.200**	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	**0.050**	**0.130**	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**3.20**	**7.60**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-002
SAMPLE LOCATION: Cafeteria

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-002
SAMPLE LOCATION: Cafeteria

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.071**	**0.446**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.600**	**1.30**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	**0.600**	**2.70**	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-002
SAMPLE LOCATION: Cafeteria

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**4.40**	**10.4**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-003
SAMPLE LOCATION: Kitchen Storage Room

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/02/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-003
SAMPLE LOCATION: Kitchen Storage Room

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.078**	**0.489**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.700**	**1.40**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	**0.500**	**2.50**	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-003
SAMPLE LOCATION: Kitchen Storage Room

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**16.6**	**39.4**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-004
SAMPLE LOCATION: Elevator Hallway

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-004
SAMPLE LOCATION: Elevator Hallway

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.079**	**0.497**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.700**	**1.40**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-004
SAMPLE LOCATION: Elevator Hallway

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**4.70**	**11.2**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-005
SAMPLE LOCATION: Room 145

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER:	0810022-005
SAMPLE LOCATION:	Room 145

	RESULTS		**DETECTION LIMIT**	
	(ppbv)	**(µg/m³)**	**(ppbv)**	**(µg/m³)**
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.078**	**0.491**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.800**	**1.60**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	**0.600**	**2.80**	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-005
SAMPLE LOCATION: Room 145

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**8.30**	**19.6**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-006
SAMPLE LOCATION: Room 152

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	**32.0**	**157**	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	**3.80**	**18.6**	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-006
SAMPLE LOCATION: Room 152

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.084**	**0.531**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	**3.60**	**15.5**	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	**5.10**	**22.0**	1.00	4.30
o-Xylene	**0.600**	**2.60**	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-006
SAMPLE LOCATION: Room 152

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	**0.600**	**2.30**	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	**199**	**1090**	5.00	27.4
sec-Butylbenzene	**10.3**	**56.6**	1.00	5.50
Isopropylbenzene	**2.60**	**12.7**	1.00	4.90
p-Isopropyltoluene	**25.2**	**138**	5.00	27.4
Acetone	**23.5**	**55.6**	1.00	2.40
2-Butanone	**2.10**	**6.10**	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-007
SAMPLE LOCATION: Room 118

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	**1.40**	**6.80**	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-007
SAMPLE LOCATION: Room 118

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.073**	**0.461**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-007
SAMPLE LOCATION: Room 118

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	**1.30**	**5.00**	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	**4.30**	**23.3**	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	**1.20**	**6.40**	1.00	5.50
Acetone	**18.9**	**44.8**	1.00	2.40
2-Butanone	**0.800**	**2.20**	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-008
SAMPLE LOCATION: Room 110

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-008
SAMPLE LOCATION: Room 110

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	ND	ND	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.800**	**1.70**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	**0.600**	**2.90**	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-008
SAMPLE LOCATION: Room 110

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**12.6**	**29.9**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-009
SAMPLE LOCATION: Ambient

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-009
SAMPLE LOCATION: Ambient

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.087**	**0.547**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	**0.600**	**1.20**	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Avenue Schoc
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810022-009
SAMPLE LOCATION: Ambient

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**2.90**	**6.80**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

CHAIN OF CUSTODY RECORD

GeoLabs, Inc. Environmental Laboratories
45 Johnson Lane, Braintree, MA 02184
p 781.848.7844 • f 781.848.7811
www.geolabs.com

Sample Handling: circle choice
Filtration: Done / (Not Needed) / Lab to do
Preservation: Lab to do Y/N

Special Instructions
ENSURE ANALYTE LIST MATCHES COMPOUNDS LISTED on ATTACHED ANALYTICAL REPORT
0810072

Turnaround: circle one
1-day 3-day
2-day (5 / 7-days)

Data Delivery: circle choice (s)
Fax (email)
Format:
Excel (PDF)

Requirements: circle choice (s)
GW-1 MCP Methods CT RCP (Reasonable Confidence Protocols)
S-1 DEP State / Fed Program - Criteria _____
QC (Other) ATTACHED CT TARGET INDOOR AIR CONCENTRATIONS

Client: EA ENGINEERING
Address: 2350 POST ROAD WARWICK, RI 02886
Contact: RON MACK

Phone: (401) 736-3440 x. 218
Fax: (401) 736-3423
email: rmack@eaest.com

Project: ADELAIDE AVENUE SCHOOL
Project PO: 61965.01
Invoice to *:

Preserative:

COLLECTION DATE	COLLECTION TIME	SAMPLED BY	SAMPLE LOCATION / ID	CONTAINER TYPE	CONTAINER QUANTITY	MATRIX	COMP	GRAB	GeoLabs SAMPLE NUMBER	Analysis Requested: TO-15								TEMPERATURE	LAB pH
9/30/08	10:31	RGM	GYMNASIUM	S	1	A		✓	0022-001										
	10:32		CAFETERIA						002										
	13:40		KITCHEN STORAGE Rm						003										
	14:20		ELEVATOR HALLWAY						004										
	10:19		Room 145						005										
	10:20		Room 152						006										
	10:25		Room 118						007										
	10:26		Room 110						008										
↓	14:01	↓	AMBIENT	↓	↓	↓		↓	009										

Matrix Codes:
GW = Ground Water DW = Drinking Water S = Soil A = Air
WW = Waste Water SL = Sludge O = Oil OT = Other

Received on Ice ☐

Preservatives
1 = Hcl 3 = H2SO4 5 = NaOH 7 = Other
2 = HNO3 4 = Na2S2O3 6 = MEOH

Containers:
A = Amber B = Bag O = Other
G = Glass P = Plastic
S = Summa V = Voa

Relinquished by: [signature] Date / Time: 10/1/08 -

Received by: [signature] Date / Time: 10/1/08
R. B. 10-1-08

* Terms: Payment due within 30 days unless other arrangements are made. Past due balances subject to interest and collection cost.
Note: Homeowners and Law Firms must pay when dropping off samples. We accept cash, check and credit cards.

CT (PH-0148) NY(11796) MA (MA - 015) PA (68-03417) NH (2508) NJ (MA-009) RI (LA000252)

Attachment C

Subslab Vapor Analytical Report
22 October 2008

Wednesday, October 22, 2008

GeoLabs, Inc.
45 Johnson Lane
Braintree MA 02184
Tele: 781 848 7844
Fax: 781 848 7811

Ron Mack
EA Engineering
2350 Post Road
Warwick, RI 02886

TEL: (401) 736-3440
FAX: (401) 736-3423

Project: 61965.01
Location: Adelaide Ave School

Order No.: 0810016

Dear Ron Mack:

GeoLabs, Inc. received 4 sample(s) on 10/1/2008 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications, except when noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Jim Chen
Laboratory Director

GeoLabs, Inc. **Date:** *22-Oct-08*

CLIENT: EA Engineering
Project: 61965.01
Lab Order: 0810016

CASE NARRATIVE

Physical Condition of Samples

The project was received by the laboratory in satisfactory condition. The sample(s) were received undamaged, in appropriate containers with the correct preservation.

Project Documentation

The project was accompanied by satisfactory Chain of Custody documentation.

Analysis of Sample(s)

All extractable samples were extracted and analyzed and any Volatile samples were analyzed within method specified holding times and according to GeoLabs documented Standard Operating Procedure. No analytical anomalies or non-conformances were noted by the laboratory during the processing of these samples.

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-001
SAMPLE LOCATION: MP-4

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	**1.20**	**7.20**	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	**0.080**	**0.520**	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-001
SAMPLE LOCATION: MP-4

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.081**	**0.511**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	**0.500**	**3.50**	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-001
SAMPLE LOCATION: MP-4

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	ND	ND	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	**10.5**	**56.2**	0.50	2.70
Trichlorofluoromethane	**9.60**	**53.8**	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**13.8**	**32.8**	1.00	2.40
2-Butanone	**34.3**	**101**	2.50	7.40
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-002
SAMPLE LOCATION: MP-8

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	ND	ND	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-002
SAMPLE LOCATION: MP-8

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.092**	**0.577**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-002
SAMPLE LOCATION: MP-8

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	**1.60**	**6.10**	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	ND	ND	0.15	0.80
Trichlorofluoromethane	ND	ND	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**18.6**	**44.1**	10.0	23.7
2-Butanone	**66.0**	**194**	5.00	14.7
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-003
SAMPLE LOCATION: IMP-2

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	**1.10**	**6.80**	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	**0.040**	**0.230**	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-003
SAMPLE LOCATION: IMP-2

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.072**	**0.451**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	ND	ND	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	**0.900**	**6.10**	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-003
SAMPLE LOCATION: IMP-2

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	**2.00**	**7.50**	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	**4.20**	**22.7**	0.50	2.70
Trichlorofluoromethane	**2.60**	**14.5**	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**4.00**	**9.40**	1.00	2.40
2-Butanone	**0.700**	**2.00**	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-004
SAMPLE LOCATION: IMP-3

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
1,1,1-Trichloroethane	ND	ND	0.50	2.70
1,1,1,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2,2-Tetrachloroethane	ND	ND	0.02	0.14
1,1,2-Trichloroethane	ND	ND	0.02	0.11
1,1-Dichloroethane	ND	ND	0.50	2.00
1,1-Dichloroethene	ND	ND	0.50	2.00
1,2,4-Trimethylbenzene	ND	ND	0.50	2.50
1,2-Dibromoethane (EDB)	ND	ND	0.02	0.15
1,2-Dichlorobenzene	ND	ND	0.50	3.00
1,2-Dichloroethane	ND	ND	0.02	0.08
1,2-Dichloropropane	ND	ND	0.02	0.09
1,3,5-Trimethylbenzene	ND	ND	0.50	2.50
1,3-Dichlorobenzene	ND	ND	0.50	3.00
1,4-Dichlorobenzene	**0.900**	**5.60**	0.50	3.00
Benzene	ND	ND	0.500	1.60
Bromodichloromethane	ND	ND	0.020	0.13

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-004
SAMPLE LOCATION: IMP-3

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Bromoform	ND	ND	0.04	0.41
Carbon Tetrachloride	**0.075**	**0.469**	0.04	0.25
Chlorobenzene	ND	ND	0.50	2.30
Chloroethane	ND	ND	0.50	1.30
Chloroform	ND	ND	0.10	0.49
Chloromethane	ND	ND	0.50	1.00
cis-1,2-Dichloroethene	ND	ND	1.50	5.90
cis-1,3-Dichloropropene	ND	ND	0.04	0.18
Dibromochloromethane	ND	ND	0.50	4.20
Dichlorodifluoromethane	**0.600**	**2.70**	0.50	2.50
Ethylbenzene	ND	ND	0.50	2.20
Methylene Chloride	ND	ND	0.50	1.70
Methyl Tert-Butyl Ether	ND	ND	0.50	1.80
m,p-Xylene	ND	ND	1.00	4.30
o-Xylene	ND	ND	0.50	2.20
Styrene	ND	ND	0.50	2.10
Tetrachloroethylene	ND	ND	0.50	3.40

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

GeoLabs, Inc.
Environmental Laboratories

CLIENT NAME:	**EA Engineering**	PROJECT ID:	Adelaide Ave School
SAMPLE TYPE:	AIR	REPORT DATE:	10/22/08
COLLECTION DATE:	09/30/08	ANALYZED BY:	M-RI010
REC'D BY LAB:	10/01/08	ANALYSIS DATE:	10/17/08
COLLECTED BY:	CLIENT	DIGESTION DATE:	N/A

VOLATILE ORGANICS

SAMPLE NUMBER: 0810016-004
SAMPLE LOCATION: IMP-3

	RESULTS (ppbv)	RESULTS ($\mu g/m^3$)	DETECTION LIMIT (ppbv)	DETECTION LIMIT ($\mu g/m^3$)
Toluene	**2.30**	**8.60**	0.50	1.90
trans-1,2-Dichloroethene	ND	ND	0.50	2.00
trans-1,3-Dichloropropene	ND	ND	0.04	0.18
Trichloroethylene	**0.740**	**3.95**	0.15	0.80
Trichlorofluoromethane	**1.90**	**10.4**	0.50	2.80
Vinyl chloride	ND	ND	0.04	0.10
Acrylonitrile	ND	ND	1.00	2.20
n-Butylbenzene	ND	ND	1.00	5.50
sec-Butylbenzene	ND	ND	1.00	5.50
Isopropylbenzene	ND	ND	1.00	4.90
p-Isopropyltoluene	ND	ND	1.00	5.50
Acetone	**5.40**	**12.8**	1.00	2.40
2-Butanone	ND	ND	0.50	1.50
4-Methyl-2-Pentanone	ND	ND	0.50	2.00

ND = NOT DETECTED

Method Reference:

EPA T015 by SIM

CHAIN OF CUSTODY RECORD

GeoLabs, Inc. Environmental Laboratories
45 Johnson Lane, Braintree, MA 02184
p 781.848.7844 • f 781.848.7811
www.geolabs.com

Sample Handling: circle choice
Filtration: Done / Not Needed / Lab to do
Preservation: Lab to do (Y) (N)

Special Instructions
ENSURE ANALYTE LIST MATCHES COMPOUNDS LISTED ON ATTACHED ANALYTICAL REPORT.
08100016

Turnaround: circle one
1-day 3-day
2-day (5-7-days)

Data Delivery: circle choice (s)
Fax (email)
Format:
Excel (PDF)

Requirements: circle choice (s)
GW-1 MCP Methods CT RCP (Reasonable Confidence Protocols)
S-1 DEP State / Fed Program - Criteria
QC (Other) ATTACHED CT TARGET INDOOR AIR CONCENTRATIONS

Client: EA ENGINEERING
Address: 2350 POST ROAD
WARWICK RI 02886
Contact: RON MACK

Phone: (401) 736-3440 x.218
Fax: (401) 736-3423
email: rmack@eaest.com

Project: ADELAIDE AVE SCHOOL
Project PO: 61965.01
Invoice to *:

COLLECTION				CONTAINER						Preserative:									
										Analysis Requested									
DATE	TIME	SAMPLED BY	SAMPLE LOCATION / ID	TYPE	QUANITY	MATRIX	COMP	GRAB	GeoLabs SAMPLE NUMBER	TO-15								TEMPERATURE	LAB PH
9/30/08	10:02	RAM	MP-4	S	1	A		✓	0016-001	✓									
	11:50		MP-8						002										
	11:29		IMP-2						003										
↓	11:22	↓	IMP-3	↓	↓	↓		↓	004	↓									

Matrix Codes:
GW = Ground Water DW = Drinking Water S = Soil A = Air
WW = Waste Water SL = Sludge O = Oil OT = Other

Received on Ice ☐

Preservatives
1 = Hcl 3 = H2SO4 5 = NaOH 7 = Other
2 = HNO3 4 = Na2S2O3 6 = MEOH

Containers:
A = Amber B = Bag O = Other
G = Glass P = Plastic
S = Summa V = Voa

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	10/1/08 -	[signature]	10/1/08
		R.B.	10-1-08

280598.J&P.C of CR.08/19/08

* Terms: Payment due within 30 days unless other arrangements are made. Past due balances subject to interest and collection cost.
Note: Homeowners and Law Firms must pay when dropping off samples. We accept cash, check and credit cards.

CT (PH-0148) NY(11796) MA (MA - 015) PA (68-03417) NH (2508) NJ (MA-009) RI (LA000252)