



ENVIRONMENTAL MANAGEMENT & CONSULTING ENGINEERING

April 5, 2007

081-12152-03

Mr. Jeffrey Crawford
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, RI 02908-5767

Subject: Results of Groundwater Monitoring performed for February 2007 Monitoring Round

Dear Mr. Crawford:

Quarterly monitoring for soil gas, indoor air and system monitoring was conducted between February 12 and 22, 2007. As was discussed, groundwater samples were not able to be collected during this period due to the presence of thick ice over some of the wells. Groundwater samples were collected on March 27, 2007 and submitted to Con-test Analytical Laboratory for analysis for volatile organic compounds via EPA method 8260.

The monitoring was performed in accordance with the *Long-Term Operation and Maintenance Plan and Site Contingency Plan* (O&M Plan) contained in the *Remedial Action Work Plan* prepared by ATC dated April 2, 1999, revised May 3, 1999 and May 9, 1999. The *Remedial Action Work Plan* (RAWP) was approved by the Rhode Island Department of Environmental Management (RIDEM) in a letter dated June 4, 1999.

Analysis of groundwater samples did not detect any target analytes at concentrations above the method detection limits. Results of groundwater monitoring are summarized on the attached table, and the Laboratory Reports are attached.

If you have any questions or require any additional information, please contact the undersigned at 401-738-3887.

Sincerely,

A handwritten signature in cursive script that reads "Donna Holden Pallister".

Donna Holden Pallister, P.E.
Senior Engineer

cc: A. Sepe, City of Providence
Providence Public Building Authority
S. Tremblay, Providence School Department

Table 3
 Summary of Ground Water Sampling Results
 Springfield Street School Complex
 Springfield Street
 Providence, Rhode Island

Monitoring Wells	Detected Compounds	Sampling Dates and Results in µg/L																				RIDEM GB Groundwater Objective
		2/28/2001	7/20/2001	*9- 12/2001	8/1/2002	8/28/2002	12/19/2002	3/18/2003	7/17/2003	11/5/2003	1/22/2004	5/21/2004	8/17/2004	12/2/2004	4/6/2005	7/27/2005	10/27&28/2005	2/2/2006	4/27/2006	8/31/2006	11/15/2006	
ATC-1	Benzene	6.1	ND	18.9	0.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140
	n-butylbenzene	1.7	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	NA
	sec-Butylbenzene	1.1	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	NA
	Ethylbenzene	4.5	ND	12.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1600
	Isopropylbenzene	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	n-Propylbenzene	ND	ND	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	MTBE	12.4	7.0	28.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5000
	Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	1.27	ND	ND	ND	ND	ND	1.10	ND	ND	1.3	ND	ND	ND	540
	Toluene	2.5	ND	8.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1700
	1,2,4-Trimethylbenzene	2.2	ND	8.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	1,3,5-Trimethylbenzene	3.4	ND	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Xylenes	14.6	ND	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	NA
ATC-2	Chloroform	0.9	ND	ND	1.0	ND	ND	ND	ND	ND	NS	1.1	1.0	ND	ND	ND	ND	ND	ND	ND	ND	NA
ATC-3	Toluene	ND	ND	ND	ND	NS	ND	ND	ND	ND	3.03	ND	ND	ND	ND	ND	3.0	ND	4.5	13.1	ND	1700
ATC-4	Benzene	ND	ND	2.5	0.6	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	140
	Chlorobenzene	2.6	ND	57.3	2.7	5.18	ND	ND	ND	ND	ND	ND	0.60	ND	ND	ND	ND	ND	ND	ND	ND	70
	1,4-dichlorobenzene	4.2	ND	9.2	3.4	3.36	ND	ND	ND	ND	0.80	1.6	2.1	ND	ND	ND	ND	ND	1.2	1.1	ND	NA
	MTBE	ND	ND	ND	ND	ND	ND	ND	1.19	9.55	1.06	2.90	0.6	ND	ND	ND	ND	ND	ND	ND	ND	5000
	1,2,4-Trimethylbenzene	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
ATC-5	MTBE	ND	ND	2.2	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5000
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	NA
Sampled By:		ATC	ATC	ATC	ATC	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	LFR	

*ATC Monitoring Report for September through December 2001 did not list date samples were collected.

ND is not detected above method detection limit

NS is not sampled

NA= No applicable standard published

MTBE is Methyl tert-Butyl Ether

µg/L = micrograms per liter



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

REPORT DATE 4/3/2007

LFR, INC. - RI
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886
ATTN: DONNA PALLISTER

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 5131

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-04876
JOB NUMBER: 081-12152-03

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

PROJECT LOCATION: SPRINGFIELD STREET SCHOOL

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
ATC-1	07B09854	GRND WATER	NOT SPECIFIED	8260 water
ATC-2	07B09855	GRND WATER	NOT SPECIFIED	8260 water
ATC-3	07B09856	GRND WATER	NOT SPECIFIED	8260 water
ATC-4	07B09857	GRND WATER	NOT SPECIFIED	8260 water
ATC-5	07B09858	GRND WATER	NOT SPECIFIED	8260 water

Comments :

LIMS BATCH NO. : LIMIT-04876

IN METHOD 8260, ANY REPORTED RESULTS FOR TERT BUTYL ETHYL ETHER, TETRAHYDROFURAN, TERT AMYL METHYL ETHER, BROMOMETHANE, TERT BUTYL ALCOHOL, 1,4-DIOXANE, AND CHLOROETHANE ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD 8260, LABORATORY FORTIFIED BLANK RECOVERY FOR TETRAHYDROFURAN, TERT BUTYL ETHYL ETHER, AND TERT AMYL METHYL ETHER IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULTS FOR THESE COMPOUNDS ARE LIKELY TO BE BIASED ON THE LOW SIDE.

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

AIHA 100033	AIHA ELLAP (LEAD) 100033	
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

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.

Edward Denson 4/3/07

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

SIGNATURE

DATE

Edward Denson
Technical Director

* See end of data tabulation for notes and comments pertaining to this sample



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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 3/28/2007

LIMS-BAT #: LIMT-04876
 Job Number: 081-12152-03

Field Sample #: ATC-1

Sample ID: 07B09854 Sampled: 3/27/2007
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		03/30/07	LBD
Acrylonitrile	ug/l	ND	5.0		03/30/07	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Benzene	ug/l	ND	1.0		03/30/07	LBD
Bromobenzene	ug/l	ND	1.0		03/30/07	LBD
Bromochloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromodichloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromoform	ug/l	ND	1.0		03/30/07	LBD
Bromomethane	ug/l	ND	2.0		03/30/07	LBD
2-Butanone (MEK)	ug/l	ND	20.0		03/30/07	LBD
tert-Butyl Alcohol	ug/l	ND	25.0		03/30/07	LBD
n-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
sec-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Carbon Disulfide	ug/l	ND	3.0		03/30/07	LBD
Carbon Tetrachloride	ug/l	ND	1.0		03/30/07	LBD
Chlorobenzene	ug/l	ND	1.0		03/30/07	LBD
Chlorodibromomethane	ug/l	ND	0.5		03/30/07	LBD
Chloroethane	ug/l	ND	2.0		03/30/07	LBD
Chloroform	ug/l	ND	2.0		03/30/07	LBD
Chloromethane	ug/l	ND	2.0		03/30/07	LBD
2-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
4-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		03/30/07	LBD
1,2-Dibromoethane	ug/l	ND	0.50		03/30/07	LBD
Dibromomethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		03/30/07	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,1-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample



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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
 Job Number: 081-12152-03

Field Sample # : ATC-1

Sample ID : 07B09854 Sampled : 3/27/2007
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
trans-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichloropropane	ug/l	ND	0.5		03/30/07	LBD
2,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloropropene	ug/l	ND	2.0		03/30/07	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
Diethyl Ether	ug/l	ND	2.0		03/30/07	LBD
Diisopropyl Ether	ug/l	ND	0.5		03/30/07	LBD
1,4-Dioxane	ug/l	ND	50.0		03/30/07	LBD
Ethyl Benzene	ug/l	ND	1.0		03/30/07	LBD
Hexachlorobutadiene	ug/l	ND	1.0		03/30/07	LBD
2-Hexanone	ug/l	ND	10.0		03/30/07	LBD
Isopropylbenzene	ug/l	ND	1.0		03/30/07	LBD
p-Isopropyltoluene	ug/l	ND	1.0		03/30/07	LBD
MTBE	ug/l	ND	1.0		03/30/07	LBD
Methylene Chloride	ug/l	ND	5.0		03/30/07	LBD
MIBK	ug/l	ND	10.0		03/30/07	LBD
Naphthalene	ug/l	ND	2.0		03/30/07	LBD
n-Propylbenzene	ug/l	ND	1.0		03/30/07	LBD
Styrene	ug/l	ND	1.0		03/30/07	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		03/30/07	LBD
Tetrachloroethylene	ug/l	ND	1.0		03/30/07	LBD
Tetrahydrofuran	ug/l	ND	10.0		03/30/07	LBD
Toluene	ug/l	ND	1.0		03/30/07	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
Trichloroethylene	ug/l	ND	1.0		03/30/07	LBD
Trichlorofluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		03/30/07	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD

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WARWICK, RI 02886

Purchase Order No.: 5131

4/3/2007

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Project Location: SPRINGFIELD STREET SCHOOL

Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876

Job Number: 081-12152-03

Field Sample #: ATC-1

Sample ID: 07B09854

Sampled: 3/27/2007

NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		03/30/07	LBD
m + p Xylene	ug/l	ND	2.0		03/30/07	LBD
o-Xylene	ug/l	ND	1.0		03/30/07	LBD

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
 Job Number: 081-12152-03

Field Sample #: ATC-2

Sample ID: 07B09855 Sampled: 3/27/2007
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		03/30/07	LBD
Acrylonitrile	ug/l	ND	5.0		03/30/07	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Benzene	ug/l	ND	1.0		03/30/07	LBD
Bromobenzene	ug/l	ND	1.0		03/30/07	LBD
Bromochloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromodichloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromofom	ug/l	ND	1.0		03/30/07	LBD
Bromomethane	ug/l	ND	2.0		03/30/07	LBD
2-Butanone (MEK)	ug/l	ND	20.0		03/30/07	LBD
tert-Butyl Alcohol	ug/l	ND	25.0		03/30/07	LBD
n-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
sec-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Carbon Disulfide	ug/l	ND	3.0		03/30/07	LBD
Carbon Tetrachloride	ug/l	ND	1.0		03/30/07	LBD
Chlorobenzene	ug/l	ND	1.0		03/30/07	LBD
Chlorodibromomethane	ug/l	ND	0.5		03/30/07	LBD
Chloroethane	ug/l	ND	2.0		03/30/07	LBD
Chloroform	ug/l	ND	2.0		03/30/07	LBD
Chloromethane	ug/l	ND	2.0		03/30/07	LBD
2-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
4-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		03/30/07	LBD
1,2-Dibromoethane	ug/l	ND	0.50		03/30/07	LBD
Dibromomethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		03/30/07	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,1-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD

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Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
Job Number: 081-12152-03

Field Sample #: ATC-3

Sample ID: 07B09856 Sampled: 3/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		03/30/07	LBD
Acrylonitrile	ug/l	ND	5.0		03/30/07	LBD
tert-Amyl methyl Ether	ug/l	ND	0.5		03/30/07	LBD
Benzene	ug/l	ND	1.0		03/30/07	LBD
Bromobenzene	ug/l	ND	1.0		03/30/07	LBD
Bromochloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromodichloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromoform	ug/l	ND	1.0		03/30/07	LBD
Bromomethane	ug/l	ND	2.0		03/30/07	LBD
2-Butanone (MEK)	ug/l	ND	20.0		03/30/07	LBD
tert-Butyl Alcohol	ug/l	ND	25.0		03/30/07	LBD
n-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
sec-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Carbon Disulfide	ug/l	ND	3.0		03/30/07	LBD
Carbon Tetrachloride	ug/l	ND	1.0		03/30/07	LBD
Chlorobenzene	ug/l	ND	1.0		03/30/07	LBD
Chlorodibromomethane	ug/l	ND	0.5		03/30/07	LBD
Chloroethane	ug/l	ND	2.0		03/30/07	LBD
Chloroform	ug/l	ND	2.0		03/30/07	LBD
Chloromethane	ug/l	ND	2.0		03/30/07	LBD
2-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
4-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		03/30/07	LBD
1,2-Dibromoethane	ug/l	ND	0.50		03/30/07	LBD
Dibromomethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		03/30/07	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,1-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD

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NM = Not Measured

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DONNA PALLISTER
 LFR, INC. - RI
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
 Job Number: 081-12152-03

Field Sample #: ATC-3

Sample ID: 07B09856 Sampled: 3/27/2007
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
trans-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichloropropane	ug/l	ND	0.5		03/30/07	LBD
2,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloropropene	ug/l	ND	2.0		03/30/07	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
Diethyl Ether	ug/l	ND	2.0		03/30/07	LBD
Diisopropyl Ether	ug/l	ND	0.5		03/30/07	LBD
1,4-Dioxane	ug/l	ND	50.0		03/30/07	LBD
Ethyl Benzene	ug/l	ND	1.0		03/30/07	LBD
Hexachlorobutadiene	ug/l	ND	1.0		03/30/07	LBD
2-Hexanone	ug/l	ND	10.0		03/30/07	LBD
Isopropylbenzene	ug/l	ND	1.0		03/30/07	LBD
p-Isopropyltoluene	ug/l	ND	1.0		03/30/07	LBD
MTBE	ug/l	ND	1.0		03/30/07	LBD
Methylene Chloride	ug/l	ND	5.0		03/30/07	LBD
MIBK	ug/l	ND	10.0		03/30/07	LBD
Naphthalene	ug/l	ND	2.0		03/30/07	LBD
n-Propylbenzene	ug/l	ND	1.0		03/30/07	LBD
Styrene	ug/l	ND	1.0		03/30/07	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		03/30/07	LBD
Tetrachloroethylene	ug/l	ND	1.0		03/30/07	LBD
Tetrahydrofuran	ug/l	ND	10.0		03/30/07	LBD
Toluene	ug/l	ND	1.0		03/30/07	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
Trichloroethylene	ug/l	ND	1.0		03/30/07	LBD
Trichlorofluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		03/30/07	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD

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DONNA PALLISTER
 LFR, INC. - RI
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 3/28/2007

LIMS-BAT #: LIMT-04876
 Job Number: 081-12152-03

Field Sample #: ATC-4

Sample ID: 07B09857 Sampled: 3/27/2007
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
trans-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichloropropane	ug/l	ND	0.5		03/30/07	LBD
2,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloropropene	ug/l	ND	2.0		03/30/07	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
Diethyl Ether	ug/l	ND	2.0		03/30/07	LBD
Diisopropyl Ether	ug/l	ND	0.5		03/30/07	LBD
1,4-Dioxane	ug/l	ND	50.0		03/30/07	LBD
Ethyl Benzene	ug/l	ND	1.0		03/30/07	LBD
Hexachlorobutadiene	ug/l	ND	1.0		03/30/07	LBD
2-Hexanone	ug/l	ND	10.0		03/30/07	LBD
Isopropylbenzene	ug/l	ND	1.0		03/30/07	LBD
p-Isopropyltoluene	ug/l	ND	1.0		03/30/07	LBD
MTBE	ug/l	ND	1.0		03/30/07	LBD
Methylene Chloride	ug/l	ND	5.0		03/30/07	LBD
MIBK	ug/l	ND	10.0		03/30/07	LBD
Naphthalene	ug/l	ND	2.0		03/30/07	LBD
n-Propylbenzene	ug/l	ND	1.0		03/30/07	LBD
Styrene	ug/l	ND	1.0		03/30/07	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		03/30/07	LBD
Tetrachloroethylene	ug/l	ND	1.0		03/30/07	LBD
Tetrahydrofuran	ug/l	ND	10.0		03/30/07	LBD
Toluene	ug/l	ND	1.0		03/30/07	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
Trichloroethylene	ug/l	ND	1.0		03/30/07	LBD
Trichlorofluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		03/30/07	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD

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DONNA PALLISTER
LFR, INC. - RI
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886

Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
Job Number: 081-12152-03

Field Sample #: ATC-4

Sample ID : 07B09857 Sampled : 3/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		03/30/07	LBD
m + p Xylene	ug/l	ND	2.0		03/30/07	LBD
o-Xylene	ug/l	ND	1.0		03/30/07	LBD

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Purchase Order No.: 5131

Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 3/28/2007

LIMS-BAT #: LIMT-04876
Job Number: 081-12152-03

Field Sample # : ATC-5

Sample ID : 07B09858 Sampled : 3/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		03/30/07	LBD
Acrylonitrile	ug/l	ND	5.0		03/30/07	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Benzene	ug/l	ND	1.0		03/30/07	LBD
Bromobenzene	ug/l	ND	1.0		03/30/07	LBD
Bromochloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromodichloromethane	ug/l	ND	1.0		03/30/07	LBD
Bromoform	ug/l	ND	1.0		03/30/07	LBD
Bromomethane	ug/l	ND	2.0		03/30/07	LBD
2-Butanone (MEK)	ug/l	ND	20.0		03/30/07	LBD
tert-Butyl Alcohol	ug/l	ND	25.0		03/30/07	LBD
n-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
sec-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylbenzene	ug/l	ND	1.0		03/30/07	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		03/30/07	LBD
Carbon Disulfide	ug/l	ND	3.0		03/30/07	LBD
Carbon Tetrachloride	ug/l	ND	1.0		03/30/07	LBD
Chlorobenzene	ug/l	ND	1.0		03/30/07	LBD
Chlorodibromomethane	ug/l	ND	0.5		03/30/07	LBD
Chloroethane	ug/l	ND	2.0		03/30/07	LBD
Chloroform	ug/l	ND	2.0		03/30/07	LBD
Chloromethane	ug/l	ND	2.0		03/30/07	LBD
2-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
4-Chlorotoluene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		03/30/07	LBD
1,2-Dibromoethane	ug/l	ND	0.50		03/30/07	LBD
Dibromomethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		03/30/07	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,1-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD

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DONNA PALLISTER
 LFR, INC. - RI
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 WARWICK, RI 02886

Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
 Job Number: 081-12152-03

Field Sample #: ATC-5

Sample ID : 07B09858 Sampled : 3/27/2007
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
trans-1,2-Dichloroethylene	ug/l	ND	1.0		03/30/07	LBD
1,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,3-Dichloropropane	ug/l	ND	0.5		03/30/07	LBD
2,2-Dichloropropane	ug/l	ND	1.0		03/30/07	LBD
1,1-Dichloropropene	ug/l	ND	2.0		03/30/07	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		03/30/07	LBD
Diethyl Ether	ug/l	ND	2.0		03/30/07	LBD
Diisopropyl Ether	ug/l	ND	0.5		03/30/07	LBD
1,4-Dioxane	ug/l	ND	50.0		03/30/07	LBD
Ethyl Benzene	ug/l	ND	1.0		03/30/07	LBD
Hexachlorobutadiene	ug/l	ND	1.0		03/30/07	LBD
2-Hexanone	ug/l	ND	10.0		03/30/07	LBD
Isopropylbenzene	ug/l	ND	1.0		03/30/07	LBD
p-Isopropyltoluene	ug/l	ND	1.0		03/30/07	LBD
MTBE	ug/l	ND	1.0		03/30/07	LBD
Methylene Chloride	ug/l	ND	5.0		03/30/07	LBD
MIBK	ug/l	ND	10.0		03/30/07	LBD
Naphthalene	ug/l	ND	2.0		03/30/07	LBD
n-Propylbenzene	ug/l	ND	1.0		03/30/07	LBD
Styrene	ug/l	ND	1.0		03/30/07	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		03/30/07	LBD
Tetrachloroethylene	ug/l	ND	1.0		03/30/07	LBD
Tetrahydrofuran	ug/l	ND	10.0		03/30/07	LBD
Toluene	ug/l	ND	1.0		03/30/07	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trichlorobenzene	ug/l	ND	1.0		03/30/07	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		03/30/07	LBD
Trichloroethylene	ug/l	ND	1.0		03/30/07	LBD
Trichlorofluoromethane	ug/l	ND	2.0		03/30/07	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		03/30/07	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		03/30/07	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		03/30/07	LBD

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DONNA PALLISTER
LFR, INC. - RI
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886

Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
Job Number: 081-12152-03

Field Sample #: ATC-5

Sample ID : 07B09858 Sampled : 3/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		03/30/07	LBD
m + p Xylene	ug/l	ND	2.0		03/30/07	LBD
o-Xylene	ug/l	ND	1.0		03/30/07	LBD

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Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 3/28/2007

LIMS-BAT #: LIMIT-04876
Job Number: 081-12152-03

** END OF REPORT **

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

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 4/3/2007

Lims Bat #: LIMIT-04876

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QC Batch Number: GCMS/VOL-16596

Sample Id	Analysis	QC Analysis	Values	Units	Limits
07B09854	1,2-Dichloroethane-d4	Surrogate Recovery	91.0	%	70-130
	Toluene-d8	Surrogate Recovery	95.9	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.3	%	70-130
07B09855	1,2-Dichloroethane-d4	Surrogate Recovery	92.0	%	70-130
	Toluene-d8	Surrogate Recovery	96.9	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.3	%	70-130
07B09856	1,2-Dichloroethane-d4	Surrogate Recovery	91.2	%	70-130
	Toluene-d8	Surrogate Recovery	97.6	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.4	%	70-130
07B09857	1,2-Dichloroethane-d4	Surrogate Recovery	90.7	%	70-130
	Toluene-d8	Surrogate Recovery	97.0	%	70-130
	Bromofluorobenzene	Surrogate Recovery	95.8	%	70-130
07B09858	1,2-Dichloroethane-d4	Surrogate Recovery	90.8	%	70-130
	Toluene-d8	Surrogate Recovery	97.5	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.8	%	70-130
BLANK-100029	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Naphthalene	Blank	<2.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<5.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
1,3-Dichlorobenzene	Blank	<1.0	ug/l		
1,1-Dichloroethane	Blank	<1.0	ug/l		
1,1-Dichloroethylene	Blank	<1.0	ug/l		



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 4/3/2007

Lims Bat # : LIMT-04876

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QC Batch Number: GCMS/VOL-16596

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-100029	1,4-Dioxane	Blank	<50.0	ug/l	
	MTBE	Blank	<1.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<2.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<0.5	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	
	Bromoform	Blank	<1.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<1.0	ug/l	
	Hexachlorobutadiene	Blank	<1.0	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	p-Isopropyltoluene	Blank	<1.0	ug/l	
	n-Propylbenzene	Blank	<1.0	ug/l	
	sec-Butylbenzene	Blank	<1.0	ug/l	
	tert-Butylbenzene	Blank	<1.0	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<1.0	ug/l	
	1,3,5-Trimethylbenzene	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<2.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<1.0	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<1.0	ug/l	
	1,2,3-Trichloropropane	Blank	<2.0	ug/l	
	n-Butylbenzene	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Bromochloromethane	Blank	<1.0	ug/l	
	Bromobenzene	Blank	<1.0	ug/l	
	Acrylonitrile	Blank	<5.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<2.0	ug/l	



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Method Blanks

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QC Batch Number: GCMS/VOL-16596

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-100029	Diethyl Ether	Blank	<2.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Tetrahydrofuran	Blank	<10.0	ug/l	
	tert-Butyl Alcohol	Blank	<25.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
LFBLANK-61190	Acetone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.9	ug/l	
		Lab Fort Blk. % Rec.	129.2	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.4	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.5	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.6	ug/l	
		Lab Fort Blk. % Rec.	76.5	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.4	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.8	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.1	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.8	%	40-160
	MIBK	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.2	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.1	%	40-130
Styrene	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	10.3	ug/l		
	Lab Fort Blk. % Rec.	103.0	%	70-130	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-61190	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.0	%	70-160
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.8	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.3	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.1	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.5	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.3	%	70-160
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.5	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	19.9	ug/l	
		Lab Fort Blk. % Rec.	99.8	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.4	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.5	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.9	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.7	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	50.3	ug/l	
		Lab Fort Blk. % Rec.	100.7	%	40-130
	MTBE	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	15.1	ug/l	
		Lab Fort Blk. % Rec.	75.6	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-61190	trans-1,2-Dichloroethylene	Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.0	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.9	ug/l	
	Methylene Chloride	Lab Fort Blk. % Rec.	79.5	%	40-160
		Lab Fort Blank Amt.	10.0	ug/l	
	Chlorobenzene	Lab Fort Blk. Found	7.8	ug/l	
		Lab Fort Blk. % Rec.	78.7	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
	Chloromethane	Lab Fort Blk. % Rec.	101.3	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	Bromomethane	Lab Fort Blk. Found	6.8	ug/l	
		Lab Fort Blk. % Rec.	68.8	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.8	ug/l	
	Chloroethane	Lab Fort Blk. % Rec.	118.7	%	40-160
		Lab Fort Blank Amt.	10.0	ug/l	
	Chloroethane	Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.3	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
	cis-1,3-Dichloropropene	Lab Fort Blk. % Rec.	85.5	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	trans-1,3-Dichloropropene	Lab Fort Blk. Found	7.9	ug/l	
		Lab Fort Blk. % Rec.	79.1	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
	Chlorodibromomethane	Lab Fort Blk. % Rec.	104.3	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	1,1,2-Trichloroethane	Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.9	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
	Bromoform	Lab Fort Blk. % Rec.	86.2	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	1,1,2,2-Tetrachloroethane	Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.	91.5	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
	2-Chlorotoluene	Lab Fort Blk. % Rec.	96.8	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
	Hexachlorobutadiene	Lab Fort Blk. Found	9.7	ug/l	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-61190	Hexachlorobutadiene	Lab Fort Blk. % Rec.	97.5	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
	Isopropylbenzene	Lab Fort Blk. % Rec.	100.4	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
	p-Isopropyltoluene	Lab Fort Blk. % Rec.	98.6	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
	n-Propylbenzene	Lab Fort Blk. % Rec.	100.3	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
	sec-Butylbenzene	Lab Fort Blk. % Rec.	98.5	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
	tert-Butylbenzene	Lab Fort Blk. % Rec.	106.6	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
	1,2,3-Trichlorobenzene	Lab Fort Blk. % Rec.	89.4	%	70-130
		Lab Fort Blank Amt.	10.0	ug/l	
Lab Fort Blk. Found		9.0	ug/l		
1,2,4-Trichlorobenzene	Lab Fort Blk. % Rec.	90.3	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	9.5	ug/l		
1,2,4-Trimethylbenzene	Lab Fort Blk. % Rec.	95.6	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	10.1	ug/l		
1,3,5-Trimethylbenzene	Lab Fort Blk. % Rec.	101.2	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	8.8	ug/l		
Dibromomethane	Lab Fort Blk. % Rec.	88.3	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	8.4	ug/l		
cis-1,2-Dichloroethylene	Lab Fort Blk. % Rec.	84.2	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	9.8	ug/l		
4-Chlorotoluene	Lab Fort Blk. % Rec.	98.6	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	8.3	ug/l		
1,1-Dichloropropene	Lab Fort Blk. % Rec.	83.5	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	8.6	ug/l		
1,2-Dichloropropane	Lab Fort Blk. % Rec.	86.8	%	70-130	
	Lab Fort Blank Amt.	10.0	ug/l		
	Lab Fort Blk. Found	8.6	ug/l		



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-61190	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.2	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.6	ug/l	
		Lab Fort Blk. % Rec.	66.5	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.4	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.2	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.2	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.7	ug/l	
		Lab Fort Blk. % Rec.	67.1	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.8	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.1	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.1	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.7	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.7	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.5	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.6	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.6	ug/l	
		Lab Fort Blk. % Rec.	86.4	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	



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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-61190	1,2-Dibromo-3-Chloropropane	Lab Fort Blk. Found	7.7	ug/l	
		Lab Fort Blk. % Rec.	77.5	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	9.17	ug/l	
		Lab Fort Blk. % Rec.	91.70	%	70-130
		Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l
	Lab Fort Blk. Found		6.1	ug/l	
		Lab Fort Blk. % Rec.	61.1	%	70-130
		tert-Butyl Alcohol	Lab Fort Blank Amt.	50.0	ug/l
	Lab Fort Blk. Found		32.9	ug/l	
		Lab Fort Blk. % Rec.	65.8	%	40-160
		Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l
	Lab Fort Blk. Found		7.9	ug/l	
		Lab Fort Blk. % Rec.	79.9	%	70-130
		tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l
	Lab Fort Blk. Found		6.6	ug/l	
		Lab Fort Blk. % Rec.	66.5	%	70-160
		tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l
Lab Fort Blk. Found	6.2		ug/l		
	Lab Fort Blk. % Rec.	62.7	%	70-130	



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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

LIMITS Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount Amount of analyte found in a sample.

Blank Method Blank that has been taken though all the steps of the analysis.

LFBLANK Laboratory Fortified Blank (a control sample)

STDADD Standard Added (a laboratory control sample)

Matrix Spk Amt Added Amount of analyte spiked into a sample
MS Amt Measured Amount of analyte found including amount that was spiked
Matrix Spike % Rec. % Recovery of spiked amount in sample.

Duplicate Value The result from the Duplicate analysis of the sample.
Duplicate RPD The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID) Surrogate Recovery on the Photoionization Detector.

Standard Measured Amount measured for a laboratory control sample
Standard Amt Added Known value for a laboratory control sample
Standard % Recovery % recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec. Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured Matrix Spike Duplicate Amount Measured
MSD % Recovery Matrix Spike Duplicate % Recovery
MSD Range Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



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

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: LEFR
RECEIVED BY: [signature] DATE: 3/28/07

- 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. Were samples received in compliance with Temperature 0-6 degrees C? YES NO Degrees: 40

- 5. Are there any dissolved samples for the lab to filter? YES NO

Who was notified? _____ Date: _____ Time: _____

- 6. Are there any on hold samples? YES NO STORED WHERE:

- 7. Are there any short holding time samples and who was notified? MAM Date: 3/28/07 Time: 18:35

- 8. Location where samples are stored: LB

CONTAINERS SENT IN TO CON-TEST	# of container
1 liter amber	
500 ml amber	
250 ml amber (8oz. Amber)	
1 liter plastic	
500 ml plastic	
250 ml plastic	
40 ml vial—which kind—list below	<u>10</u>
Colisure bottle	
Dissolved oxygen bottle	
Flashpoint bottle	

CONTAINERS SENT TO CON-TEST	# of containers
Air Cassettes	
8 oz clear jar	
4 oz clear jar	
2 oz clear jar	
Plastic bag	
Encore	
Brass Sleeves	
Tubes	
Summa cans	
Other	

Laboratory comments:

of HCL Vial 10 # of Methanol vials _____ # of Sodium Bisulfate vials _____
of DI water(to be frozen) vials _____ Time and Date when frozen _____