

**QUARTERLY MONITORING REPORT
Springfield Street School Complex
Providence, Rhode Island**

**Project No. 081-12152-02
April 2006 Monitoring Round**

Prepared for
Providence School Department
797 Westminster Street
Providence, RI 02903

Prepared by
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May 18, 2006

081-12152-02

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

Subject: Quarterly Monitoring for Springfield Street School Complex, 50 Springfield Street, Providence, RI – April 2006 Monitoring Round

Dear Mr. Crawford:

Quarterly monitoring was conducted during the week of April 24 to 28, 2006, with additional indoor air monitoring on May 4, 2006. 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.

Results of monitoring are provided in the following sections and in the attachments.

COVER MONITORING

LFR conducted a visual survey of the site for evidence of significant soil cover erosion, or for any areas where the orange snow fencing indicator barrier was visible. LFR did not observe any areas where the orange indicator barrier was visible during this monitoring event. We identified a few minor areas of damage to the grass due to plowing, vehicles driving on wet grass, or damage by winter weather. The storm drain in the middle school courtyard has not been repaired yet, and is scheduled to be repaired after school ends in June. These areas will be repaired along with other areas of concern discussed in our letter to RIDEM dated February 10, 2006.

SUB-SLAB VENTILATION SYSTEM

The sub-slab ventilation system was inspected by LFR during the quarterly monitoring on April 27, 2006. All systems were operating upon arrival for the monitoring events.

Influent and effluent air from the two blowers at the elementary school and the two blowers at the middle school was monitored. Samples of influent and effluent gas were collected in

Tedlar bags at each location and screened for methane, carbon dioxide, carbon monoxide, hydrogen sulfide, and volatile organic compounds (VOC). Results are provided in Table 1.

Methane, carbon monoxide and organic vapor concentrations in the subslab ventilation system samples were all measured as zero during this monitoring event. Hydrogen sulfide readings were at 2 or 3. Carbon dioxide readings at the elementary school ranged from 0.2 to 0.3 percent, and carbon dioxide readings at the middle school ranged from 0.1 to 0.2 percent. Five of the seven carbon dioxide readings exceeded the Remedial Action Work Plan Action Level of 1000 ppm (0.1%).

INDOOR AIR MONITORING

Indoor air monitoring was conducted on using a Landtec Gem 2000 landfill gas monitor (methane, carbon dioxide, and oxygen), a VRAE Multigas Monitor (hydrogen sulfide and carbon monoxide) and a Mini Rae photoionization detector (organic vapors). Results of monitoring are provided in the Table 2. Methane, carbon monoxide, hydrogen sulfide and organic vapors concentrations were all measured below the action levels specified in the Remedial Action Work Plan during the indoor air monitoring. Carbon dioxide was detected at 0.2% at one location (on the floor adjacent to a crack, next to the door to the outside near the gym in the middle school. Additional investigation of the carbon dioxide concentrations was performed, as discussed below.

The methane monitors at the middle school and the elementary schools had stickers that indicated they were last calibrated by Diamond Calibration personnel on April 3, 2006. The sensors appeared to be functioning. Readings ranged from 0 to 8% LEL (lower explosive limit) in the Middle School, and 0 to 5 % LEL in the Elementary School. Calibration Certificates from Diamond Calibration indicate that many of the sensors read above 0 when calibrated to the zero gas. This prevents the sensors from giving a fault alarm if the reading drops below zero due to a sudden temperature change, and still provides a conservative measure of protection because the alarm limit is still 10% LEL. The highest reading was for a sensor located in the gymnasium

Diamond Calibration personnel reported that several sensors in the area of the middle school gymnasium (including the sensor which read 8 during the quarterly monitoring) were recently replaced. Problems with sensors near the gymnasium were detected after the February school break; during the break, Aramark personnel had refinished the gym floor. The process utilized several products that contained volatile organic compounds that reacted with the sensor material and reduced the life of the sensors.

ADDITIONAL INDOOR AIR INVESTIGATION

On May 1, 2006, LFR notified RIDEM, via e-mail to Jeffrey Crawford, that exceedances of the carbon dioxide RAWP action level were detected during the April monitoring event. Mr. Crawford asked for additional investigation of the carbon dioxide concentrations, and LFR responded that additional investigation would be performed.

Carbon dioxide concentrations were measured on April 27, 2006 using the Landtec GEM 2000 Gas Analyzer. The Landtec is designed for measuring concentrations of methane, carbon dioxide, oxygen and other gases in landfill gas. The Landtec's resolution for carbon dioxide is 0.1% (1,000 ppm).

On May 4, 2006, LFR personnel used a Metrosonics aq-5000 to measure concentrations of carbon dioxide at selected locations inside and outside the middle school, and in the neighborhood. The metrosonics aq-5000 is designed for measuring carbon dioxide, temperature and relative humidity, with possible additional parameters, in indoor air. The aq-5000's resolution for carbon dioxide is 1 ppm. Results of monitoring performed with the aq-5000 are presented in Table 6.

Carbon dioxide is a normal constituent of atmospheric air. The concentration of carbon dioxide in atmospheric air has reportedly been rising over the last 50 years due to contributions of carbon dioxide to the atmosphere mainly from combustion of fossil fuels. The concentration of carbon dioxide in atmospheric air is expected to be higher in urban areas where more sources of carbon dioxide, such as vehicles, are present.

The major contributor to the concentration of carbon dioxide in indoor air is usually the exhaled breath of the building occupants. Carbon dioxide concentrations in occupied buildings typically increase over the course of the day while the building is occupied. LFR performed measurements in the afternoon of May 4, starting at approximately 12:30 in the afternoon, on a school day while the building was occupied.

Results of additional monitoring are summarized on Table 6. Carbon dioxide concentrations measured inside the school ranged from 480 ppm to 1270 ppm, with an average of 832 ppm. The maximum reading was obtained in a small windowless interior room that was originally designed as a soundproofed music practice room. This room does not have any furniture and does not appear to be occupied on a regular basis. Concentrations in outdoor air at the Site appeared to be similar to the concentrations measured in the neighborhood around the Site. The average concentration of carbon dioxide measured in outdoor air was 403.

All measured concentrations of carbon dioxide were well below the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) of 5,000 ppm. The PEL is a time weighted average concentration that must not be exceeded during an 8 hour work shift.

Concentrations of carbon dioxide in interior air can be used as an indicator to determine if the building ventilation system is providing an adequate volume of outdoor air to the building. The American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) has a guideline that recommends the concentration of carbon dioxide in occupied buildings should not exceed 700 ppm above the concentration of carbon dioxide in ambient exterior air. This guideline is based on comfort of occupants due to odor perception, not health affects. The average indoor concentration detected during this investigation was 832 ppm, and the average exterior concentration was 403 ppm, indicating that this recommendation was being achieved.

GROUNDWATER MONITORING

Five groundwater monitoring wells were sampled by LFR on April 27, 2006. Prior to sampling, the depth to water was gauged, and a volume of water equivalent to approximately three well volumes was removed from each well. Temperature, specific conductance, dissolved oxygen, and pH were measured in the field prior to sampling. Depth to groundwater ranged between 12.41 and 18.26 feet below the ground surface. Groundwater samples were collected in laboratory prepared sample jars and delivered under chain-of-custody protocol to Contest Laboratory in East Longmeadow, Massachusetts for analysis for volatile organic compounds by EPA method 8260. The laboratory report is provided as Attachment A. Results of analysis of groundwater samples are summarized in Table 3.

The laboratory analysis of the five groundwater samples did not detect any target analytes.

SOIL GAS MONITORING

Soil gas monitoring was conducted at 29 locations on April 25 and 26, 2006. The sampling was conducted by placing an air sampling gripper cap on each well and attaching a piece of tubing. A volume of air equivalent to approximately 3 well volumes was removed from each well using an SKC Airchek Sampling pump. Soil gas was then screened using a Landtec Gem 2000 Landfill Gas Analyzer & Extraction Monitor and a MiniRae Photoionization Detector (PID).

Air samples were also collected in new laboratory supplied Tedlar bags using the SKC Airchek Pump from wells WB-2 and MPL-6. The Tedlar bags were submitted to Con-test Analytical Laboratory for analysis for VOC via EPA method TO-14.

Soil Gas Field Monitoring Results

Soil gas samples were screened for methane, carbon monoxide, hydrogen sulfide, carbon dioxide, oxygen, and total VOCs. Soil gas survey results are provided in Table 4.

Methane readings were below the RAWP Action Levels of 0.5% at all locations during the monitoring event.

Carbon monoxide was not detected at any of the monitoring locations. Hydrogen sulfide was detected at concentration below the RAWP Action Level of 10 ppm. Detected concentrations of hydrogen sulfide ranged from 0 to 4 ppm. No hydrogen sulfide odors were detected in the soil gas.

All PID readings were 0.0 during this monitoring round.

Carbon dioxide was detected at 24 locations with detectable concentrations ranging from 0.1% to 7.7% during the April 25 and 26, 2006 monitoring event. The carbon dioxide Remedial Action Work Plan Action Level is 0.1%, and 20 readings exceeded the action

level. The presence of carbon dioxide in soil gas is an indicator of subsurface bacterial activity and does not represent a threat to users of the property. Graphs presenting carbon dioxide, oxygen, and methane concentrations over time for seven representative wells are presented in Attachment B. Concentrations detected during this round of monitoring appear to be consistent with the patterns of rising carbon dioxide concentrations in the summer and fall, and falling carbon dioxide concentrations in the winter and spring. The maximum concentration of carbon dioxide detected is lower than the last quarter.

Soil Gas Laboratory Results

Soil gas samples were collected from soil gas wells MPL-6 and WB-2 in Tedlar bags and submitted to Con-Test Analytical Laboratories for analysis by method TO-14. Results of the analysis are summarized in Table 5, and the laboratory report is provided in Attachment C. Several compounds were detected at low concentrations. The results were typical of the concentrations and compounds which have been detected in previous monitoring events.

The Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs) are provided in Table 5 for comparison purposes even though they are not applicable to soil gas, because it does not represent exposure point concentrations. The PELs are the average concentrations that OSHA allows to be present in a workplace without any respiratory protection or exposure controls. The concentrations detected in soil gas were well below the OSHA PELs.

CONCLUSIONS

Methane, carbon monoxide, hydrogen sulfide and organic vapor concentrations did not exceed RAWP action levels in any soil gas samples, indoor air or subslab ventilation system samples. Carbon dioxide concentrations exceeded the action level at some locations. The detection of carbon dioxide in soil gas is typical of what has been detected during previous monitoring events and appears to be a result of seasonal naturally occurring bacterial activity in the subsurface. Concentrations of carbon dioxide in the site building appeared to be within the range expected for occupied buildings, and were well below PELs.

Inspection of the cap did not reveal any evidence of exposure of the orange barrier or of breaches of the cap that would allow users of the Site to be exposed to the capped soils. However, some areas are in need of reseeding and regrading, and the storm drain in the courtyard of the middle school is in need of repairs. As noted in separate correspondence, these areas will be repaired.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Donna H. Pallister". The signature is fluid and cursive, with a long horizontal stroke at the end.

Donna Holden Pallister, P.E.
Senior Engineer

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

TABLES

Table 1
System Monitoring Notes
Springfield Street School Complex
Providence, Rhode Island
April 27, 2006

Monitoring Location	Methane % by volume Landtec	Carbon Dioxide % by volume	Oxygen % by volume	Carbon Monoxide PPM	Hydrogen Sulfide PPM	Organic Vapors PPM
Elementary School inlet 1	0.0	0.3	20.6	0	3	0.0
Elementary School inlet 2	0.0	0.2	20.6	0	3	0.0
Elementary School Outlet	0.0	0.2	20.8	0	2	0.0
Middle school front shed inlet	0.0	0.1	21.2	0	3	0.0
Middle school front shed after 2 nd carbon	0.0	0.1	21.2	0	3	0.0
Middle school back shed inlet	0.0	0.2	20.9	0	3	0.0
Middle school back shed after 2 nd carbon	0.0	0.2	21.0	0	3	0.0
Remedial Action Work Plan Action Levels	0.5	1,000 ppm (0.1%)	NA	9 ppm	10 ppm	5 ppm

Measurements made with: VRAE Multigas Monitor (H₂S and CO), Landtec Gem 2000 Gas Analyzer (Methane, CO₂, O₂), and MiniRAE 2000 (organic vapors).

Sampling date: April 27, 2006

Measured by: D. Pallister

Table 2
Indoor Air Monitoring Results
Springfield Street School Complex
Providence, Rhode Island
April 27, 2006

Monitoring Location	Methane % by volume Landtec	Carbon Dioxide % by volume	Oxygen % by volume	Carbon Monoxide PPM	Hydrogen Sulfide PPM	Organic Vapors PPM*
E.S. Front office	0.0	0.0	21.1	0	2	0.0
E.S. Elevator Room	0.0	0.1	21.0	0	2	0.0
E.S. Electrical closet in Mech. Room	0.0	0.0	21.1	0	2	0.0
E.S. Gym storage closet	0.0	0.1	21.0	0	2	0.0
E.S. Room 202	0.0	0.0	21.1	0	2	0.0
E.S. Library	0.0	0.1	20.9	0	2	0.0
E.S. Stairway Stair B	0.0	0.0	21.1	0	2	0.0
E.S. Room 111	0.0	0.0	21.2	0	2	0.0
E.S. Cafeteria	0.0	0.0	21.0	0	2	0.0
E.S. Elevator Shaft	0.0	0.1	21.1	0	2	0.0

Table 2
Indoor Air Monitoring Notes
Springfield Street School Complex
April 27, 2006

Monitoring Location	Methane % by volume Landtec	Carbon Dioxide % by volume	Oxygen % by volume	Carbon Monoxide PPM	Hydrogen Sulfide PPM	Organic Vapors PPM*
M.S. Front Office	0.0	0.1	21.1	0	2	0.0
M.S. Library	0.0	0.1	21.0	0	2	0.0
M.S. Stairway toward Hartford Ave.	0.0	0.0	21.1	0	2	0.0
M.S. Crack near door to outside near gym	0.0	0.2	20.9	0	2	0.0
M.S. Former Music Room	0.0	0.1	20.7	0	2	0.0
M.S. Room 108	0.0	0.0	21.3	0	2	0.0
M.S. Cafeteria	0.0	0.1	21.1	0	2	0.0
M.S. Hall outside cafeteria next to Sensor	0.0	0.1	20.9	0	2	0.0
M.S. Janitor Office	0.0	0.0	21.1	0	2	0.0
M.S. Faculty Work Room	0.0	0.0	21.1	0	2	0.0

Table 2
Indoor Air Monitoring Notes
Springfield Street School Complex
April 27, 2006

Monitoring Location	Methane % by volume Landtec	Carbon Dioxide % by volume	Oxygen % by volume	Carbon Monoxide PPM	Hydrogen Sulfide PPM	Organic Vapors PPM*
M.S. Elevator Shaft	0.0	0.0	21.3	0	2	0.0
Remedial Action Work Plan Action Levels	0.5	1,000 ppm (0.1%)	NA	9 ppm	10 ppm	5 ppm

Notes:

E.S. indicates Elementary School

M.S. indicates Middle School

Measurements made with: VRAE Multigas Monitor (H₂S and CO), Landtec Gem 2000 Gas Analyzer (Methane, CO₂, O₂), and MiniRAE 2000 (organic vapors).

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	
ATC-1	Benzene	6.1	ND	18.9	0.9	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	NA	
	sec-Butylbenzene	1.1	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	
	Ethylbenzene	4.5	ND	12.6	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	NA	
	n-Propylbenzene	ND	ND	5.0	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	5000	
	Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	1.27	ND	ND	ND	ND	ND	1.10	ND	ND	1.3	ND	540	
	Toluene	2.5	ND	8.2	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	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	NA	
	Xylenes	14.6	ND	37	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	ND	1.2	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	NA	
ATC-3	Toluene	ND	ND	ND	ND	NS	ND	ND	ND	ND	3.03	ND	ND	ND	ND	ND	ND	3.0	ND	1700	
ATC-4	Benzene	ND	ND	2.5	0.6	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	140	
	Chlorobenzene	2.6	ND	57.3	2.7	5.18	ND	ND	ND	ND	ND	ND	ND	0.60	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	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	5000	
	1,2,4-Trimethylbenzene	ND	ND	1.7	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	5000	
	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	0.6	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	

*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

Table 4
Soil Gas Survey Field Notes
Springfield Street School Complex
Providence, RI
April 25 & 26, 2006

Monitoring Well	Methane % by volume	Carbon Dioxide % by volume	Oxygen % by volume	Carbon Monoxide PPM	Hydrogen Sulfide PPM	Organic Vapors PPM
WB-1	0.2	1.2	20.0	0	0	0.0
WB-2	0.1	0.2	21.4	0	1	0.0
WB-3	0.0	0.1	21.5	0	0	0.0
WB-4	0.0	0.1	19.9	0	3	0.0
WB-5	0.0	0.1	20.2	0	3	0.0
WB-6	0.0	0.0	20.3	0	2	0.0
WB-7	0.0	0.0	21.1	0	2	0.0
WB-8	0.0	0.1	20.8	0	4	0.0
WB-12	0.0	0.7	20.9	0	2	0.0
WB-13	0.0	1.5	18.8	0	3	0.0
WB-14	0.1	0.4	20.4	0	1	0.0
WB-15	0.0	0.4	20.5	0	3	0.0
EPL-1	0.0	0.3	19.9	0	0	0.0
EPL-2	0.0	1.1	18.9	0	0	0.0
EPL-3	0.0	1.4	18.4	0	0	0.0
EPL-4	0.0	0.0	21.9	0	0	0.0
EPL-5	0.1	3.5	15.7	0	0	0.0
ENE-1	0.1	0.2	21.4	0	0	0.0

Monitoring Well	Methane % by volume	Carbon Dioxide % by volume	Oxygen % by volume	Carbon Monoxide PPM	Hydrogen Sulfide PPM	Organic Vapors PPM
MG1	0.0	0.5	20.1	0	0	0.0
MG2	0.1	1.8	20.5	0	0	0.0
MG3	0.0	0.4	20.9	0	1	0.0
MG4	0.1	0.6	20.6	0	0	0.0
MG5	0.0	0.0	21.8	0	2	0.0
MPL2	0.1	0.0	21.5	0	2	0.0
MPL3	0.1	0.7	10.4	0	1	0.0
MPL5	0.1	3.9	16.5	0	1	0.0
MPL6	0.1	7.7	09.8	0	2	0.0
MPL7	0.2	5.6	13.3	0	2	0.0
MPL8	0.0	1.8	20.1	0	1	0.0
Remedial Action Work Plan Action Levels	0.5%	1,000 PPM	NA	9 PPM	10 PPM	5 PPM

Sampled by: Andrea J. Lang

Weather Conditions: sunny, 50-70⁰'s

Sampling Equipment: VRAE Multigas Monitor (H₂S and CO), Landtec Gem 2000 Gas Analyzer (Methane, CO₂, O₂), and MiniRAE 2000 (organic vapors), SKC pump.

Table 5
Soil Gas Laboratory Analysis Results
Springfield Street School Complex
April 26, 2006

Parameter	OSHA PELs (PPBv)	Results of Analysis in parts per billion by volume (PPBv)	
		MPL-6	WB-2
Benzene		0.6	<0.5
Dichlorodifluoromethane	1,000,000	<0.5	0.6
Ethylbenzene	100,000	0.7	0.5
Methylene Chloride	100,000	<0.5	2.9
Styrene	100,000	0.6	<0.5
Toluene	200,000	5.0	3.9
1,2,4-Trimethylbenzene		1.7	1.3
M/p-Xylene	100,000	2.2	1.7
o-Xylene	100,000	0.9	0.7

Table lists only detected compounds. See laboratory report for full list of analytes.

Occupational Safety and Health Administration (OSHA) PELs = Permissible Exposure Limits from NIOSH Pocket Guide to Chemical Hazards

Table 6
Air Monitoring for Carbon Dioxide
Springfield Street School
April / May 2006

Monitoring Location	Carbon Dioxide % by volume on 4/27/06	Carbon Dioxide (ppm) on 5/4/06	Temperature Degrees Farenheit on 5/4/06	Relative Humidity Percent on 5/4/06	Comments
M.S. Parking Lot	--	398	79	34.9	
M.S. Front Office	0.1	515	78.8	42.5	
M.S. Library	0.1	1040 (12:48 PM) 1045 (1:43 PM)	71.7	49.5	
M.S. Stairway toward Hartford Ave.	0	693	71.4	47.9	
M.S. Crack near door to outside near gym	0.2	572 to 718	81.1	47	Odor from small fire in nearby boy's bathroom on 5/4/2006
M.S. Former Music Room (Practice Room #2)	0.1	1270 (1:37 PM)	74.6	46.2	Small, unoccupied room off main room
M.S. Cafeteria	0.1	1107 (fully occupied) 945 (just after lunch) 685 (1:40 - all students out)	73.1	53	
M.S. Hall outside cafeteria next to Sensor	0.1	910 (12:44 PM) 480 (1:03 PM)	73.1	50.4	12:44 PM - smoke odor in hall due to small fire in boy's bathroom on 5/4/2006. 1:03 PM 5/4/2006 - odor dissipated.
Outside Courtyard near cafeteria	--	365 (1:27 PM) 473 (1:06 PM)	84.3	38.7	
Outside gap in sidewalk at sewer manhole (near janitor office)	--	409	82.7	38.4	

Table 6
Air Monitoring for Carbon Dioxide
Springfield Street School
April / May 2006

Monitoring Location	Carbon Dioxide % by volume on 4/27/06	Carbon Dioxide (ppm) on 5/4/06	Temperature Degrees Fahrenheit on 5/4/06	Relative Humidity Percent on 5/4/06	Comments
Outside behind gymnasium	--	360 - 410	78.9	36.6	
Outside near transformer	--	360 - 370	84.1	33.6	
Corner of Hartford Avenue and Ophelia Street	--	467	78	36.4	Approximately 400 feet northeast of northeast building corner.
Hartford Avenue in front of Family Dollar Plaza	--	386 - 450	82.2	35.3	Approximately 630 feet east of northeast building corner.
Corner of Stella and Hartford Avenue	--	379	77.9	34.3	Approximately 275 feet north of northwest building corner
Minimum Indoor	--	480	--	--	
Average Indoor	--	832	--	--	
Maximum Indoor	--	1270	--	--	
Minimum Outdoor	--	360	--	--	
Average Outdoor	--	403	--	--	
Maximum Outdoor	--	473	--	--	
Remedial Action Work Plan Action Levels	1,000 ppm (0.1%)	1,000 ppm (0.1%)	NA	NA	
OSHA PEL	5,000 ppm	5,000 ppm	NA	NA	
ACGIH TLV	5,000 ppm	5,000 ppm	NA	NA	
NIOSH REL	5,000 ppm	5,000 ppm	NA	NA	

OSHA PEL - U.S. Occupational Safety and Health Administration Permissible Exposure Limits

ACGIH TLV - American Conference of Governmental Industrial Hygienists Threshold Limit Value

NIOSH REL - National Institute for Occupational Safety and Health Recommended Exposure Limit

FIGURE

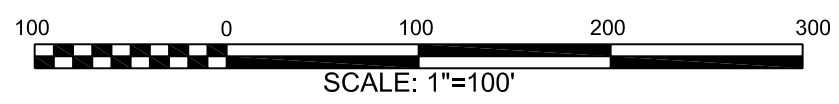
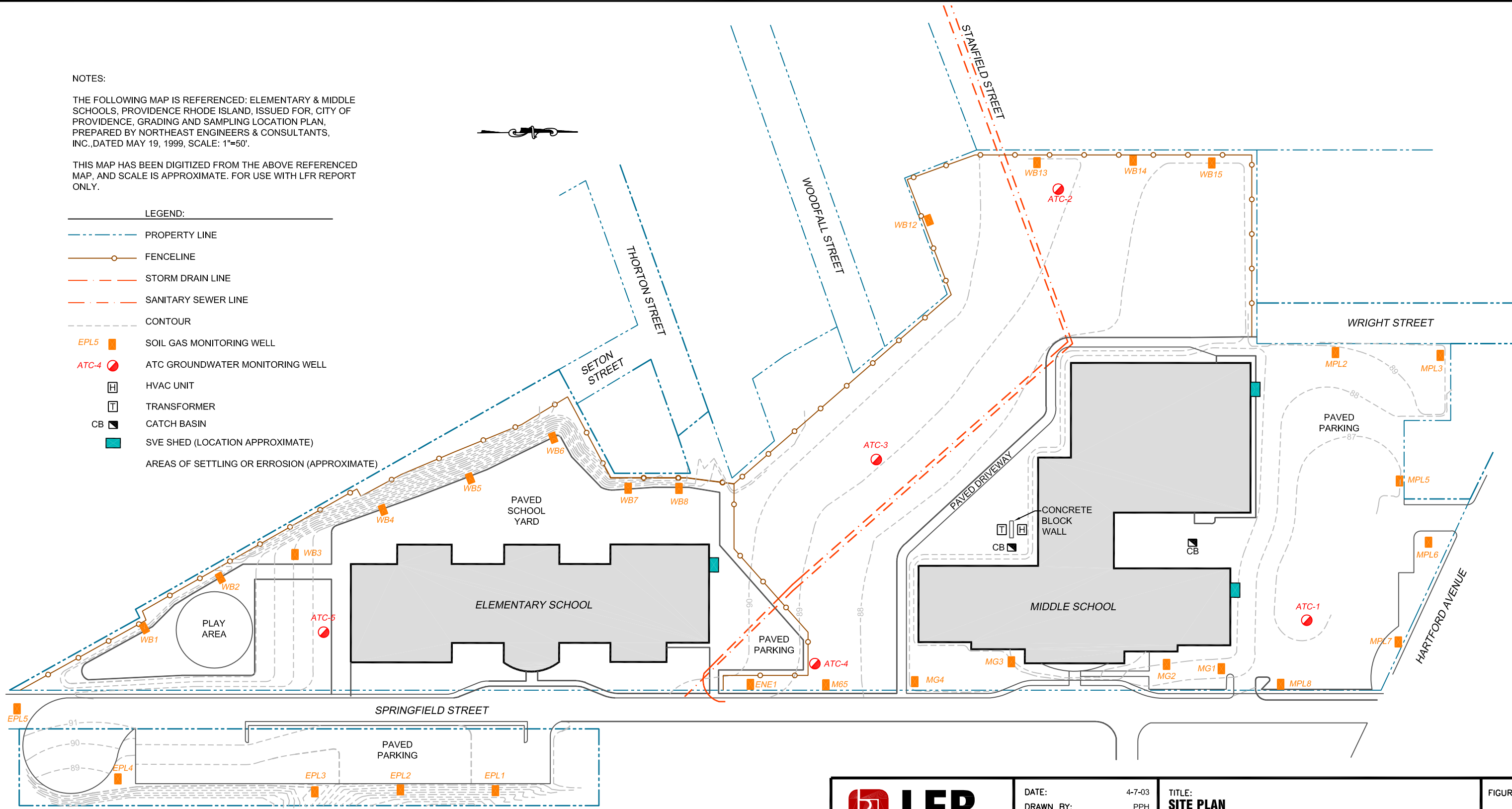
NOTES:

THE FOLLOWING MAP IS REFERENCED: ELEMENTARY & MIDDLE SCHOOLS, PROVIDENCE RHODE ISLAND, ISSUED FOR, CITY OF PROVIDENCE, GRADING AND SAMPLING LOCATION PLAN, PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC., DATED MAY 19, 1999, SCALE: 1"=50'.

THIS MAP HAS BEEN DIGITIZED FROM THE ABOVE REFERENCED MAP, AND SCALE IS APPROXIMATE. FOR USE WITH LFR REPORT ONLY.



- LEGEND:**
- PROPERTY LINE
 - FENCELINE
 - STORM DRAIN LINE
 - SANITARY SEWER LINE
 - CONTOUR
 - EPL5 SOIL GAS MONITORING WELL
 - ATC-4 ATC GROUNDWATER MONITORING WELL
 - HVAC UNIT
 - TRANSFORMER
 - CATCH BASIN
 - SVE SHED (LOCATION APPROXIMATE)
 - AREAS OF SETTLING OR ERROSION (APPROXIMATE)



<p>LFR 250 Centerville Road Building E, Suite 12 Warwick, Rhode Island 02886 Phone: (401) 738-3887 Fax: (401) 732-1686</p>	<p>DATE: 4-7-03 DRAWN BY: PPH REVIEWED BY: DP APPROVED BY: DP SCALE: AS NOTED FILE NO: 081-12027-00 JOB NO: 081-12027-00</p>	<p>TITLE: SITE PLAN</p> <p>LOCATION: SPRINGFIELD STREET SCHOOL COMPLEX SPRINGFIELD STREET PROVIDENCE, RHODE ISLAND</p>	<p>FIGURE: 1</p>
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Attachment A

Laboratory Report for Groundwater



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

REPORT DATE 5/5/2006

LEVINE FRICKE
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886
ATTN: DONNA PALLISTER

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 5131

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-97057
JOB NUMBER: 081-12152-02

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	06B14600	GRND WATER	NOT SPECIFIED	8260 water
ATC-2	06B14601	GRND WATER	NOT SPECIFIED	8260 water
ATC-3	06B14602	GRND WATER	NOT SPECIFIED	8260 water
ATC-4	06B14603	GRND WATER	NOT SPECIFIED	8260 water
ATC-5	06B14604	GRND WATER	NOT SPECIFIED	8260 water
TRIP BLANK	06B14605	WATER OTHE	NOT SPECIFIED	8260 water



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REPORT DATE 5/5/2006

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ANALYTICAL SUMMARY

LIMS BAT #: LIMS-97057
JOB NUMBER: 081-12152-02

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

Comments :

LIMS BATCH NO. : LIMS-97057

IN METHOD 8260 WATER, FOR SAMPLES 06B14600, 14602-04, REPORTED RESULTS ARE ESTIMATED FOR CHLOROMETHANE, ACETONE, FREON 113, 1,4-DIOXANE, BROMOMETHANE, TERT BUTYL ALCOHOL, 2,2-DICHLORO-PROPANE ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD 8260 WATER, FOR SAMPLES 06B14601 + 14605, REPORTED RESULTS ARE ESTIMATED FOR CHLOROMETHANE, CHLOROETHANE, ACETONE, FREON 113, TERT BUTYL ALCOHOL, 2,2-DICHLOROPROPANE AND NAPHTHALENE ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD 8260 WATER, FOR SAMPLES 06B14600, 14602-04, EITHER THE LABORATORY FORTIFIED BLANK OR DUPLICATE RECOVERY WAS OUTSIDE OF CONTROL LIMITS FOR TERT BUTYL ALCOHOL AND CHLOROMETHANE, BUT THE OTHER WAS WITHIN LIMITS. ANALYSIS IS IN CONTROL.

IN METHOD 8260 WATER, FOR SAMPLES 06B14600, 14602-04, THE LABORATORY FORTIFIED BLANK AND DUPLICATE RECOVERY WERE OUTSIDE OF CONTROL LIMITS FOR 1,4-DIOXANE AND MIBK. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THESE COMPOUNDS AND BIAS IS ON THE HIGH SIDE.

IN METHOD 8260 WATER, FOR SAMPLES 06B14601 + 14605, THE LABORATORY FORTIFIED BLANK AND DUPLICATE RECOVERY WERE OUTSIDE OF CONTROL LIMITS FOR MIBK. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

IN METHOD 8260 WATER, FOR SAMPLES 06B14600-14605, THE LABORATORY FORTIFIED BLANK AND DUPLICATE RECOVERY WERE OUTSIDE OF CONTROL LIMITS FOR 2,2-DICHLOROPROPANE. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS 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 5/5/06

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

SIGNATURE

DATE

Edward Denson
Technical Director



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

REPORT DATE 5/5/2006

LEVINE FRICKE
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886
ATTN: DONNA PALLISTER

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 5131

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-97057
JOB NUMBER: 081-12152-02

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

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

DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
 Page 1 of 19

Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-1

Sample ID : 06B14600 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		05/03/06	LBD
Acrylonitrile	ug/l	ND	5.0		05/03/06	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Benzene	ug/l	ND	1.0		05/03/06	LBD
Bromobenzene	ug/l	ND	1.0		05/03/06	LBD
Bromochloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromodichloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromoform	ug/l	ND	2.0		05/03/06	LBD
Bromomethane	ug/l	ND	5.0		05/03/06	LBD
2-Butanone (MEK)	ug/l	ND	20.0		05/03/06	LBD
tert-Butyl Alcohol	ug/l	ND	50.0		05/03/06	LBD
n-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
sec-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Carbon Disulfide	ug/l	ND	3.0		05/03/06	LBD
Carbon Tetrachloride	ug/l	ND	1.0		05/03/06	LBD
Chlorobenzene	ug/l	ND	1.0		05/03/06	LBD
Chlorodibromomethane	ug/l	ND	0.5		05/03/06	LBD
Chloroethane	ug/l	ND	2.0		05/03/06	LBD
Chloroform	ug/l	ND	2.0		05/03/06	LBD
Chloromethane	ug/l	ND	2.0		05/03/06	LBD
2-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
4-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		05/03/06	LBD
1,2-Dibromoethane	ug/l	ND	0.50		05/03/06	LBD
Dibromomethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		05/03/06	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,1-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		05/03/06	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

DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
 Page 2 of 19

Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-1

Sample ID : 06B14600 Sampled : 4/27/2006
 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		05/03/06	LBD
1,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichloropropane	ug/l	ND	0.5		05/03/06	LBD
2,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloropropene	ug/l	ND	2.0		05/03/06	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
Diethyl Ether	ug/l	ND	2.0		05/03/06	LBD
Diisopropyl Ether	ug/l	ND	0.5		05/03/06	LBD
1,4-Dioxane	ug/l	ND	50.0		05/03/06	LBD
Ethyl Benzene	ug/l	ND	1.0		05/03/06	LBD
Hexachlorobutadiene	ug/l	ND	1.0		05/03/06	LBD
2-Hexanone	ug/l	ND	10.0		05/03/06	LBD
Isopropylbenzene	ug/l	ND	1.0		05/03/06	LBD
p-Isopropyltoluene	ug/l	ND	1.0		05/03/06	LBD
MTBE	ug/l	ND	1.0		05/03/06	LBD
Methylene Chloride	ug/l	ND	5.0		05/03/06	LBD
MIBK	ug/l	ND	10.0		05/03/06	LBD
Naphthalene	ug/l	ND	2.0		05/03/06	LBD
n-Propylbenzene	ug/l	ND	1.0		05/03/06	LBD
Styrene	ug/l	ND	1.0		05/03/06	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		05/03/06	LBD
Tetrachloroethylene	ug/l	ND	1.0		05/03/06	LBD
Tetrahydrofuran	ug/l	ND	10.0		05/03/06	LBD
Toluene	ug/l	ND	1.0		05/03/06	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trichlorobenzene	ug/l	ND	2.0		05/03/06	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
Trichloroethylene	ug/l	ND	1.0		05/03/06	LBD
Trichlorofluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		05/03/06	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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

DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-1

Sample ID : 06B14600 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		05/03/06	LBD
m + p Xylene	ug/l	ND	2.0		05/03/06	LBD
o-Xylene	ug/l	ND	1.0		05/03/06	LBD

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DONNA PALLISTER
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Purchase Order No.: 5131

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 Page 4 of 19

Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-2

Sample ID : 06B14601 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		05/02/06	LBD
Acrylonitrile	ug/l	ND	5.0		05/02/06	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		05/02/06	LBD
Benzene	ug/l	ND	1.0		05/02/06	LBD
Bromobenzene	ug/l	ND	1.0		05/02/06	LBD
Bromochloromethane	ug/l	ND	1.0		05/02/06	LBD
Bromodichloromethane	ug/l	ND	1.0		05/02/06	LBD
Bromoform	ug/l	ND	2.0		05/02/06	LBD
Bromomethane	ug/l	ND	5.0		05/02/06	LBD
2-Butanone (MEK)	ug/l	ND	20.0		05/02/06	LBD
tert-Butyl Alcohol	ug/l	ND	50.0		05/02/06	LBD
n-Butylbenzene	ug/l	ND	1.0		05/02/06	LBD
sec-Butylbenzene	ug/l	ND	1.0		05/02/06	LBD
tert-Butylbenzene	ug/l	ND	1.0		05/02/06	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		05/02/06	LBD
Carbon Disulfide	ug/l	ND	3.0		05/02/06	LBD
Carbon Tetrachloride	ug/l	ND	1.0		05/02/06	LBD
Chlorobenzene	ug/l	ND	1.0		05/02/06	LBD
Chlorodibromomethane	ug/l	ND	0.5		05/02/06	LBD
Chloroethane	ug/l	ND	2.0		05/02/06	LBD
Chloroform	ug/l	ND	2.0		05/02/06	LBD
Chloromethane	ug/l	ND	2.0		05/02/06	LBD
2-Chlorotoluene	ug/l	ND	1.0		05/02/06	LBD
4-Chlorotoluene	ug/l	ND	1.0		05/02/06	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		05/02/06	LBD
1,2-Dibromoethane	ug/l	ND	0.50		05/02/06	LBD
Dibromomethane	ug/l	ND	1.0		05/02/06	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		05/02/06	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		05/02/06	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		05/02/06	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		05/02/06	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		05/02/06	LBD
1,1-Dichloroethane	ug/l	ND	1.0		05/02/06	LBD
1,2-Dichloroethane	ug/l	ND	1.0		05/02/06	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		05/02/06	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		05/02/06	LBD

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DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
 Page 5 of 19

Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-2

Sample ID : 06B14601 Sampled : 4/27/2006
 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		05/02/06	LBD
1,2-Dichloropropane	ug/l	ND	1.0		05/02/06	LBD
1,3-Dichloropropane	ug/l	ND	0.5		05/02/06	LBD
2,2-Dichloropropane	ug/l	ND	1.0		05/02/06	LBD
1,1-Dichloropropene	ug/l	ND	2.0		05/02/06	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		05/02/06	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		05/02/06	LBD
Diethyl Ether	ug/l	ND	2.0		05/02/06	LBD
Diisopropyl Ether	ug/l	ND	0.5		05/02/06	LBD
1,4-Dioxane	ug/l	ND	50.0		05/02/06	LBD
Ethyl Benzene	ug/l	ND	1.0		05/02/06	LBD
Hexachlorobutadiene	ug/l	ND	1.0		05/02/06	LBD
2-Hexanone	ug/l	ND	10.0		05/02/06	LBD
Isopropylbenzene	ug/l	ND	1.0		05/02/06	LBD
p-Isopropyltoluene	ug/l	ND	1.0		05/02/06	LBD
MTBE	ug/l	ND	1.0		05/02/06	LBD
Methylene Chloride	ug/l	ND	5.0		05/02/06	LBD
MIBK	ug/l	ND	10.0		05/02/06	LBD
Naphthalene	ug/l	ND	2.0		05/02/06	LBD
n-Propylbenzene	ug/l	ND	1.0		05/02/06	LBD
Styrene	ug/l	ND	1.0		05/02/06	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		05/02/06	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		05/02/06	LBD
Tetrachloroethylene	ug/l	ND	1.0		05/02/06	LBD
Tetrahydrofuran	ug/l	ND	10.0		05/02/06	LBD
Toluene	ug/l	ND	1.0		05/02/06	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		05/02/06	LBD
1,2,4-Trichlorobenzene	ug/l	ND	2.0		05/02/06	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		05/02/06	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		05/02/06	LBD
Trichloroethylene	ug/l	ND	1.0		05/02/06	LBD
Trichlorofluoromethane	ug/l	ND	2.0		05/02/06	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		05/02/06	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		05/02/06	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		05/02/06	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		05/02/06	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

DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-2

Sample ID : 06B14601 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		05/02/06	LBD
m + p Xylene	ug/l	ND	2.0		05/02/06	LBD
o-Xylene	ug/l	ND	1.0		05/02/06	LBD

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Purchase Order No.: 5131

5/5/2006
 Page 7 of 19

Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-3

Sample ID : 06B14602 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		05/03/06	LBD
Acrylonitrile	ug/l	ND	5.0		05/03/06	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Benzene	ug/l	ND	1.0		05/03/06	LBD
Bromobenzene	ug/l	ND	1.0		05/03/06	LBD
Bromochloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromodichloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromoform	ug/l	ND	2.0		05/03/06	LBD
Bromomethane	ug/l	ND	5.0		05/03/06	LBD
2-Butanone (MEK)	ug/l	ND	20.0		05/03/06	LBD
tert-Butyl Alcohol	ug/l	ND	50.0		05/03/06	LBD
n-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
sec-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Carbon Disulfide	ug/l	ND	3.0		05/03/06	LBD
Carbon Tetrachloride	ug/l	ND	1.0		05/03/06	LBD
Chlorobenzene	ug/l	ND	1.0		05/03/06	LBD
Chlorodibromomethane	ug/l	ND	0.5		05/03/06	LBD
Chloroethane	ug/l	ND	2.0		05/03/06	LBD
Chloroform	ug/l	ND	2.0		05/03/06	LBD
Chloromethane	ug/l	ND	2.0		05/03/06	LBD
2-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
4-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		05/03/06	LBD
1,2-Dibromoethane	ug/l	ND	0.50		05/03/06	LBD
Dibromomethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		05/03/06	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,1-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD

RL = Reporting Limit

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NM = Not Measured

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



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DONNA PALLISTER
LEVINE FRICKE
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
Job Number: 081-12152-02

Field Sample # : ATC-3

Sample ID : 06B14602 Sampled : 4/27/2006
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		05/03/06	LBD
1,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichloropropane	ug/l	ND	0.5		05/03/06	LBD
2,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloropropene	ug/l	ND	2.0		05/03/06	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
Diethyl Ether	ug/l	ND	2.0		05/03/06	LBD
Diisopropyl Ether	ug/l	ND	0.5		05/03/06	LBD
1,4-Dioxane	ug/l	ND	50.0		05/03/06	LBD
Ethyl Benzene	ug/l	ND	1.0		05/03/06	LBD
Hexachlorobutadiene	ug/l	ND	1.0		05/03/06	LBD
2-Hexanone	ug/l	ND	10.0		05/03/06	LBD
Isopropylbenzene	ug/l	ND	1.0		05/03/06	LBD
p-Isopropyltoluene	ug/l	ND	1.0		05/03/06	LBD
MTBE	ug/l	ND	1.0		05/03/06	LBD
Methylene Chloride	ug/l	ND	5.0		05/03/06	LBD
MIBK	ug/l	ND	10.0		05/03/06	LBD
Naphthalene	ug/l	ND	2.0		05/03/06	LBD
n-Propylbenzene	ug/l	ND	1.0		05/03/06	LBD
Styrene	ug/l	ND	1.0		05/03/06	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		05/03/06	LBD
Tetrachloroethylene	ug/l	ND	1.0		05/03/06	LBD
Tetrahydrofuran	ug/l	ND	10.0		05/03/06	LBD
Toluene	ug/l	ND	1.0		05/03/06	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trichlorobenzene	ug/l	ND	2.0		05/03/06	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
Trichloroethylene	ug/l	ND	1.0		05/03/06	LBD
Trichlorofluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		05/03/06	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD

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 WARWICK, RI 02886

Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-3

Sample ID : 06B14602 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		05/03/06	LBD
m + p Xylene	ug/l	ND	2.0		05/03/06	LBD
o-Xylene	ug/l	ND	1.0		05/03/06	LBD

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DONNA PALLISTER
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Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-4

Sample ID : 06B14603 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		05/03/06	LBD
Acrylonitrile	ug/l	ND	5.0		05/03/06	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Benzene	ug/l	ND	1.0		05/03/06	LBD
Bromobenzene	ug/l	ND	1.0		05/03/06	LBD
Bromochloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromodichloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromoform	ug/l	ND	2.0		05/03/06	LBD
Bromomethane	ug/l	ND	5.0		05/03/06	LBD
2-Butanone (MEK)	ug/l	ND	20.0		05/03/06	LBD
tert-Butyl Alcohol	ug/l	ND	50.0		05/03/06	LBD
n-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
sec-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Carbon Disulfide	ug/l	ND	3.0		05/03/06	LBD
Carbon Tetrachloride	ug/l	ND	1.0		05/03/06	LBD
Chlorobenzene	ug/l	ND	1.0		05/03/06	LBD
Chlorodibromomethane	ug/l	ND	0.5		05/03/06	LBD
Chloroethane	ug/l	ND	2.0		05/03/06	LBD
Chloroform	ug/l	ND	2.0		05/03/06	LBD
Chloromethane	ug/l	ND	2.0		05/03/06	LBD
2-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
4-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		05/03/06	LBD
1,2-Dibromoethane	ug/l	ND	0.50		05/03/06	LBD
Dibromomethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		05/03/06	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,1-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD

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Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-4

Sample ID : 06B14603 Sampled : 4/27/2006
 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		05/03/06	LBD
1,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichloropropane	ug/l	ND	0.5		05/03/06	LBD
2,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloropropene	ug/l	ND	2.0		05/03/06	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
Diethyl Ether	ug/l	ND	2.0		05/03/06	LBD
Diisopropyl Ether	ug/l	ND	0.5		05/03/06	LBD
1,4-Dioxane	ug/l	ND	50.0		05/03/06	LBD
Ethyl Benzene	ug/l	ND	1.0		05/03/06	LBD
Hexachlorobutadiene	ug/l	ND	1.0		05/03/06	LBD
2-Hexanone	ug/l	ND	10.0		05/03/06	LBD
Isopropylbenzene	ug/l	ND	1.0		05/03/06	LBD
p-Isopropyltoluene	ug/l	ND	1.0		05/03/06	LBD
MTBE	ug/l	ND	1.0		05/03/06	LBD
Methylene Chloride	ug/l	ND	5.0		05/03/06	LBD
MIBK	ug/l	ND	10.0		05/03/06	LBD
Naphthalene	ug/l	ND	2.0		05/03/06	LBD
n-Propylbenzene	ug/l	ND	1.0		05/03/06	LBD
Styrene	ug/l	ND	1.0		05/03/06	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		05/03/06	LBD
Tetrachloroethylene	ug/l	ND	1.0		05/03/06	LBD
Tetrahydrofuran	ug/l	ND	10.0		05/03/06	LBD
Toluene	ug/l	ND	1.0		05/03/06	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trichlorobenzene	ug/l	ND	2.0		05/03/06	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
Trichloroethylene	ug/l	ND	1.0		05/03/06	LBD
Trichlorofluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		05/03/06	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD

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Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-4

Sample ID : 06B14603 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		05/03/06	LBD
m + p Xylene	ug/l	ND	2.0		05/03/06	LBD
o-Xylene	ug/l	ND	1.0		05/03/06	LBD

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DONNA PALLISTER
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 350 METRO CENTER BLVD., SUITE 250
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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-5

Sample ID : 06B14604 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		05/03/06	LBD
Acrylonitrile	ug/l	ND	5.0		05/03/06	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Benzene	ug/l	ND	1.0		05/03/06	LBD
Bromobenzene	ug/l	ND	1.0		05/03/06	LBD
Bromochloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromodichloromethane	ug/l	ND	1.0		05/03/06	LBD
Bromoform	ug/l	ND	2.0		05/03/06	LBD
Bromomethane	ug/l	ND	5.0		05/03/06	LBD
2-Butanone (MEK)	ug/l	ND	20.0		05/03/06	LBD
tert-Butyl Alcohol	ug/l	ND	50.0		05/03/06	LBD
n-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
sec-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylbenzene	ug/l	ND	1.0		05/03/06	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		05/03/06	LBD
Carbon Disulfide	ug/l	ND	3.0		05/03/06	LBD
Carbon Tetrachloride	ug/l	ND	1.0		05/03/06	LBD
Chlorobenzene	ug/l	ND	1.0		05/03/06	LBD
Chlorodibromomethane	ug/l	ND	0.5		05/03/06	LBD
Chloroethane	ug/l	ND	2.0		05/03/06	LBD
Chloroform	ug/l	ND	2.0		05/03/06	LBD
Chloromethane	ug/l	ND	2.0		05/03/06	LBD
2-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
4-Chlorotoluene	ug/l	ND	1.0		05/03/06	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		05/03/06	LBD
1,2-Dibromoethane	ug/l	ND	0.50		05/03/06	LBD
Dibromomethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		05/03/06	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		05/03/06	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,1-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,2-Dichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		05/03/06	LBD

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Purchase Order No.: 5131

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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-5

Sample ID : 06B14604 Sampled : 4/27/2006
 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		05/03/06	LBD
1,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,3-Dichloropropane	ug/l	ND	0.5		05/03/06	LBD
2,2-Dichloropropane	ug/l	ND	1.0		05/03/06	LBD
1,1-Dichloropropene	ug/l	ND	2.0		05/03/06	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		05/03/06	LBD
Diethyl Ether	ug/l	ND	2.0		05/03/06	LBD
Diisopropyl Ether	ug/l	ND	0.5		05/03/06	LBD
1,4-Dioxane	ug/l	ND	50.0		05/03/06	LBD
Ethyl Benzene	ug/l	ND	1.0		05/03/06	LBD
Hexachlorobutadiene	ug/l	ND	1.0		05/03/06	LBD
2-Hexanone	ug/l	ND	10.0		05/03/06	LBD
Isopropylbenzene	ug/l	ND	1.0		05/03/06	LBD
p-Isopropyltoluene	ug/l	ND	1.0		05/03/06	LBD
MTBE	ug/l	ND	1.0		05/03/06	LBD
Methylene Chloride	ug/l	ND	5.0		05/03/06	LBD
MIBK	ug/l	ND	10.0		05/03/06	LBD
Naphthalene	ug/l	ND	2.0		05/03/06	LBD
n-Propylbenzene	ug/l	ND	1.0		05/03/06	LBD
Styrene	ug/l	ND	1.0		05/03/06	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		05/03/06	LBD
Tetrachloroethylene	ug/l	ND	1.0		05/03/06	LBD
Tetrahydrofuran	ug/l	ND	10.0		05/03/06	LBD
Toluene	ug/l	ND	1.0		05/03/06	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trichlorobenzene	ug/l	ND	2.0		05/03/06	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		05/03/06	LBD
Trichloroethylene	ug/l	ND	1.0		05/03/06	LBD
Trichlorofluoromethane	ug/l	ND	2.0		05/03/06	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		05/03/06	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		05/03/06	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		05/03/06	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		05/03/06	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

DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : ATC-5

Sample ID : 06B14604 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		05/03/06	LBD
m + p Xylene	ug/l	ND	2.0		05/03/06	LBD
o-Xylene	ug/l	ND	1.0		05/03/06	LBD

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



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DONNA PALLISTER
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Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : TRIP BLANK

Sample ID : 06B14605 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Acetone	ug/l	ND	50.0		05/02/06	LBD
Acrylonitrile	ug/l	ND	5.0		05/02/06	LBD
tert-Amylmethyl Ether	ug/l	ND	0.5		05/02/06	LBD
Benzene	ug/l	ND	1.0		05/02/06	LBD
Bromobenzene	ug/l	ND	1.0		05/02/06	LBD
Bromochloromethane	ug/l	ND	1.0		05/02/06	LBD
Bromodichloromethane	ug/l	ND	1.0		05/02/06	LBD
Bromoform	ug/l	2.0	1.0		05/02/06	LBD
Bromomethane	ug/l	ND	5.0		05/02/06	LBD
2-Butanone (MEK)	ug/l	ND	20.0		05/02/06	LBD
tert-Butyl Alcohol	ug/l	ND	50.0		05/02/06	LBD
n-Butylbenzene	ug/l	ND	1.0		05/02/06	LBD
sec-Butylbenzene	ug/l	ND	1.0		05/02/06	LBD
tert-Butylbenzene	ug/l	ND	1.0		05/02/06	LBD
tert-Butylethyl Ether	ug/l	ND	0.5		05/02/06	LBD
Carbon Disulfide	ug/l	ND	3.0		05/02/06	LBD
Carbon Tetrachloride	ug/l	ND	1.0		05/02/06	LBD
Chlorobenzene	ug/l	ND	1.0		05/02/06	LBD
Chlorodibromomethane	ug/l	ND	0.5		05/02/06	LBD
Chloroethane	ug/l	ND	2.0		05/02/06	LBD
Chloroform	ug/l	ND	2.0		05/02/06	LBD
Chloromethane	ug/l	ND	2.0		05/02/06	LBD
2-Chlorotoluene	ug/l	ND	1.0		05/02/06	LBD
4-Chlorotoluene	ug/l	ND	1.0		05/02/06	LBD
1,2-Dibromo-3-Chloropropane	ug/l	ND	5.0		05/02/06	LBD
1,2-Dibromoethane	ug/l	ND	0.50		05/02/06	LBD
Dibromomethane	ug/l	ND	1.0		05/02/06	LBD
1,2-Dichlorobenzene	ug/l	ND	1.0		05/02/06	LBD
1,3-Dichlorobenzene	ug/l	ND	1.0		05/02/06	LBD
1,4-Dichlorobenzene	ug/l	ND	1.0		05/02/06	LBD
trans-1,4-Dichloro-2-Butene	ug/l	ND	2.0		05/02/06	LBD
Dichlorodifluoromethane	ug/l	ND	2.0		05/02/06	LBD
1,1-Dichloroethane	ug/l	ND	1.0		05/02/06	LBD
1,2-Dichloroethane	ug/l	ND	1.0		05/02/06	LBD
1,1-Dichloroethylene	ug/l	ND	1.0		05/02/06	LBD
cis-1,2-Dichloroethylene	ug/l	ND	1.0		05/02/06	LBD

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DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
 Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
 Job Number: 081-12152-02

Field Sample # : TRIP BLANK

Sample ID : 06B14605 Sampled : 4/27/2006
 NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
trans-1,2-Dichloroethylene	ug/l	ND	1.0		05/02/06	LBD
1,2-Dichloropropane	ug/l	ND	1.0		05/02/06	LBD
1,3-Dichloropropane	ug/l	ND	0.5		05/02/06	LBD
2,2-Dichloropropane	ug/l	ND	1.0		05/02/06	LBD
1,1-Dichloropropene	ug/l	ND	2.0		05/02/06	LBD
cis-1,3-Dichloropropene	ug/l	ND	0.5		05/02/06	LBD
trans-1,3-Dichloropropene	ug/l	ND	0.5		05/02/06	LBD
Diethyl Ether	ug/l	ND	2.0		05/02/06	LBD
Diisopropyl Ether	ug/l	ND	0.5		05/02/06	LBD
1,4-Dioxane	ug/l	ND	50.0		05/02/06	LBD
Ethyl Benzene	ug/l	ND	1.0		05/02/06	LBD
Hexachlorobutadiene	ug/l	ND	1.0		05/02/06	LBD
2-Hexanone	ug/l	ND	10.0		05/02/06	LBD
Isopropylbenzene	ug/l	ND	1.0		05/02/06	LBD
p-Isopropyltoluene	ug/l	ND	1.0		05/02/06	LBD
MTBE	ug/l	ND	1.0		05/02/06	LBD
Methylene Chloride	ug/l	ND	5.0		05/02/06	LBD
MIBK	ug/l	ND	10.0		05/02/06	LBD
Naphthalene	ug/l	ND	2.0		05/02/06	LBD
n-Propylbenzene	ug/l	ND	1.0		05/02/06	LBD
Styrene	ug/l	ND	1.0		05/02/06	LBD
1,1,1,2-Tetrachloroethane	ug/l	ND	1.0		05/02/06	LBD
1,1,2,2-Tetrachloroethane	ug/l	ND	0.5		05/02/06	LBD
Tetrachloroethylene	ug/l	ND	1.0		05/02/06	LBD
Tetrahydrofuran	ug/l	ND	10.0		05/02/06	LBD
Toluene	ug/l	ND	1.0		05/02/06	LBD
1,2,3-Trichlorobenzene	ug/l	ND	5.0		05/02/06	LBD
1,2,4-Trichlorobenzene	ug/l	ND	2.0		05/02/06	LBD
1,1,1-Trichloroethane	ug/l	ND	1.0		05/02/06	LBD
1,1,2-Trichloroethane	ug/l	ND	1.0		05/02/06	LBD
Trichloroethylene	ug/l	ND	1.0		05/02/06	LBD
Trichlorofluoromethane	ug/l	ND	2.0		05/02/06	LBD
1,2,3-Trichloropropane	ug/l	ND	2.0		05/02/06	LBD
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	5.0		05/02/06	LBD
1,2,4-Trimethylbenzene	ug/l	ND	1.0		05/02/06	LBD
1,3,5-Trimethylbenzene	ug/l	ND	1.0		05/02/06	LBD

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DONNA PALLISTER
LEVINE FRICKE
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886

Purchase Order No.: 5131

5/5/2006
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Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 4/28/2006

LIMS-BAT #: LIMS-97057
Job Number: 081-12152-02

Field Sample # : TRIP BLANK

Sample ID : 06B14605 Sampled : 4/27/2006
NOT SPECIFIED

Sample Matrix: WATER OTHER

	Units	Results	RL	Method	Date Analyzed	Analyst
8260 water				SW846 8260		
Vinyl Chloride	ug/l	ND	2.0		05/02/06	LBD
m + p Xylene	ug/l	ND	2.0		05/02/06	LBD
o-Xylene	ug/l	ND	1.0		05/02/06	LBD

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350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886

Purchase Order No.: 5131

Project Location: SPRINGFIELD STREET SCHOOL
Date Received: 4/28/2006

5/5/2006
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LIMS-BAT #: LIMS-97057
Job Number: 081-12152-02

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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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: 5/5/2006

Lims Bat # : LIMS-97057

Page 1 of 4

QC Batch Number: GCMS/VOL-14507

Sample Id	Analysis	QC Analysis	Values	Units	Limits
06B14600	1,2-Dichloroethane-d4	Surrogate Recovery	96.8	%	70-130
	Toluene-d8	Surrogate Recovery	98.2	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.9	%	70-130
06B14601	1,2-Dichloroethane-d4	Surrogate Recovery	96.9	%	70-130
	Toluene-d8	Surrogate Recovery	94.0	%	70-130
	Bromofluorobenzene	Surrogate Recovery	92.7	%	70-130
06B14602	1,2-Dichloroethane-d4	Surrogate Recovery	96.4	%	70-130
	Toluene-d8	Surrogate Recovery	95.5	%	70-130
	Bromofluorobenzene	Surrogate Recovery	95.2	%	70-130
06B14603	1,2-Dichloroethane-d4	Surrogate Recovery	97.9	%	70-130
	Toluene-d8	Surrogate Recovery	97.9	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.0	%	70-130
06B14604	1,2-Dichloroethane-d4	Surrogate Recovery	97.6	%	70-130
	Toluene-d8	Surrogate Recovery	97.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.6	%	70-130
06B14605	1,2-Dichloroethane-d4	Surrogate Recovery	98.7	%	70-130
	Toluene-d8	Surrogate Recovery	94.3	%	70-130
	Bromofluorobenzene	Surrogate Recovery	90.5	%	70-130
BLANK-87747	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	

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: 5/5/2006

Lims Bat # : LIMS-97057

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QC Batch Number: GCMS/VOL-14507

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-87747					
	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	
	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	<5.0	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	<2.0	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	<2.0	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	



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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: 5/5/2006

Lims Bat # : LIMS-97057

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QC Batch Number: GCMS/VOL-14507

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-87747					
	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	
	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	<50.0	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	



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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: 5/5/2006 Lims Bat #: LIMS-97057 Page 4 of 4

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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SAMPLE RECEIPT CHECKLIST

CLIENT NAME: LFR

RECEIVED BY: MAR DATE: 4/28/06

- 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: 3.0°C

- 5. Are there any on hold samples? YES NO

- 6. Laboratory analysts notified? YES NO

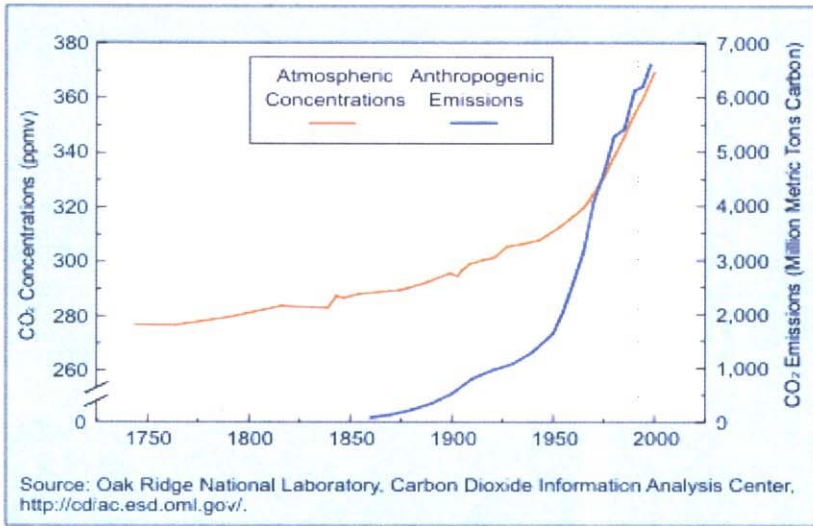
Who MAR Time 1715 Date 4/28/06

- 7. Location where samples are stored: 2D

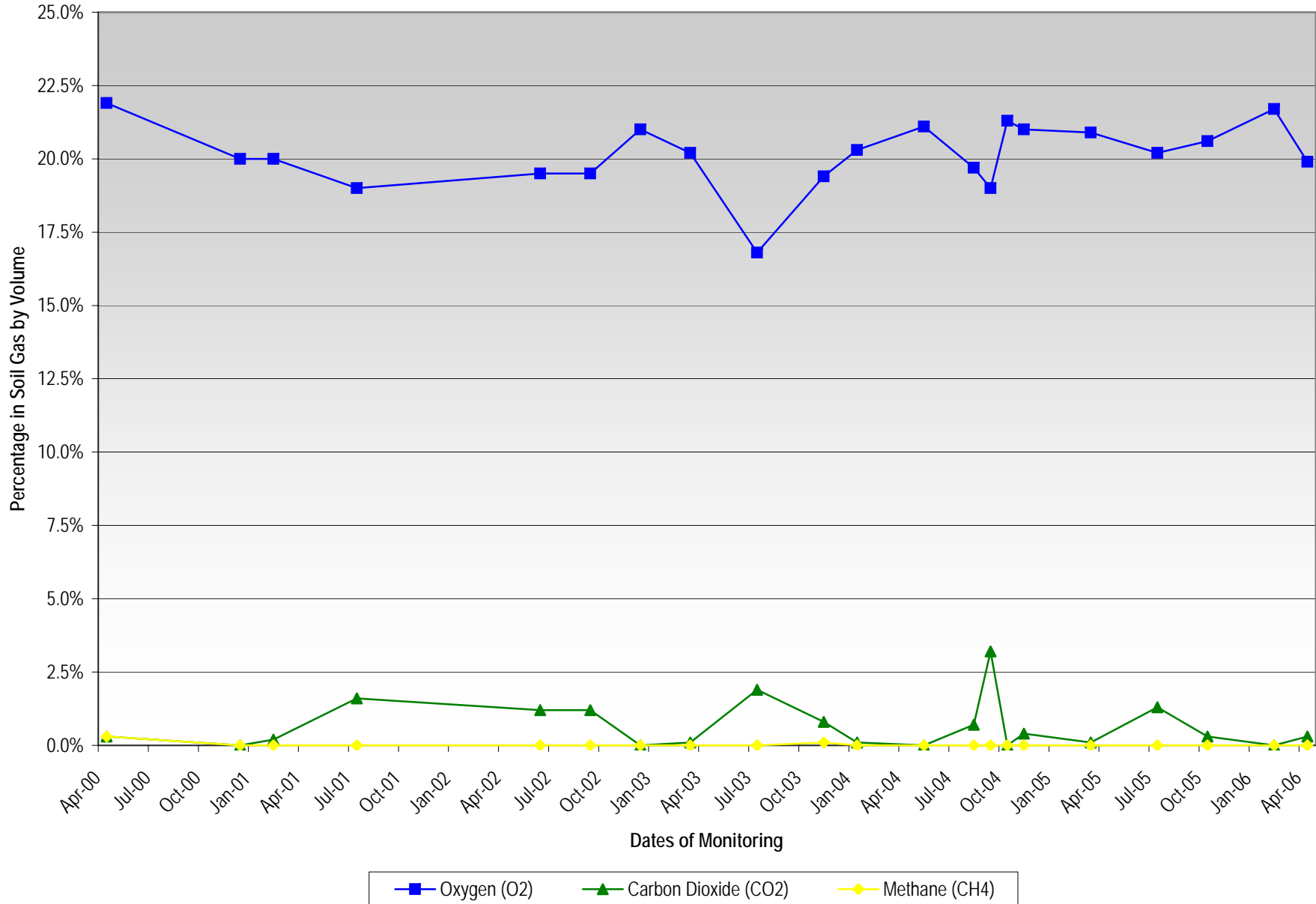
CONTAINERS SENT IN TO CON-TEST	# of containers	CONTAINERS SENT TO CON-TEST	# of containers
1 liter amber		Air Cassettes	
500 ml amber		8 oz clear jar	
250 ml amber (8oz. Amber)		4 oz clear jar	
1 liter plastic		2 oz clear jar	
500 ml plastic		Plastic bag	
250 ml plastic		Encore	
40 ml vial	<u>15 18</u>	Brass Sleeves	
Colisure bottle		Tubes	
Dissolved oxygen bottle		Summa cans	
Flashpoint bottle		Other	

Laboratory comments:

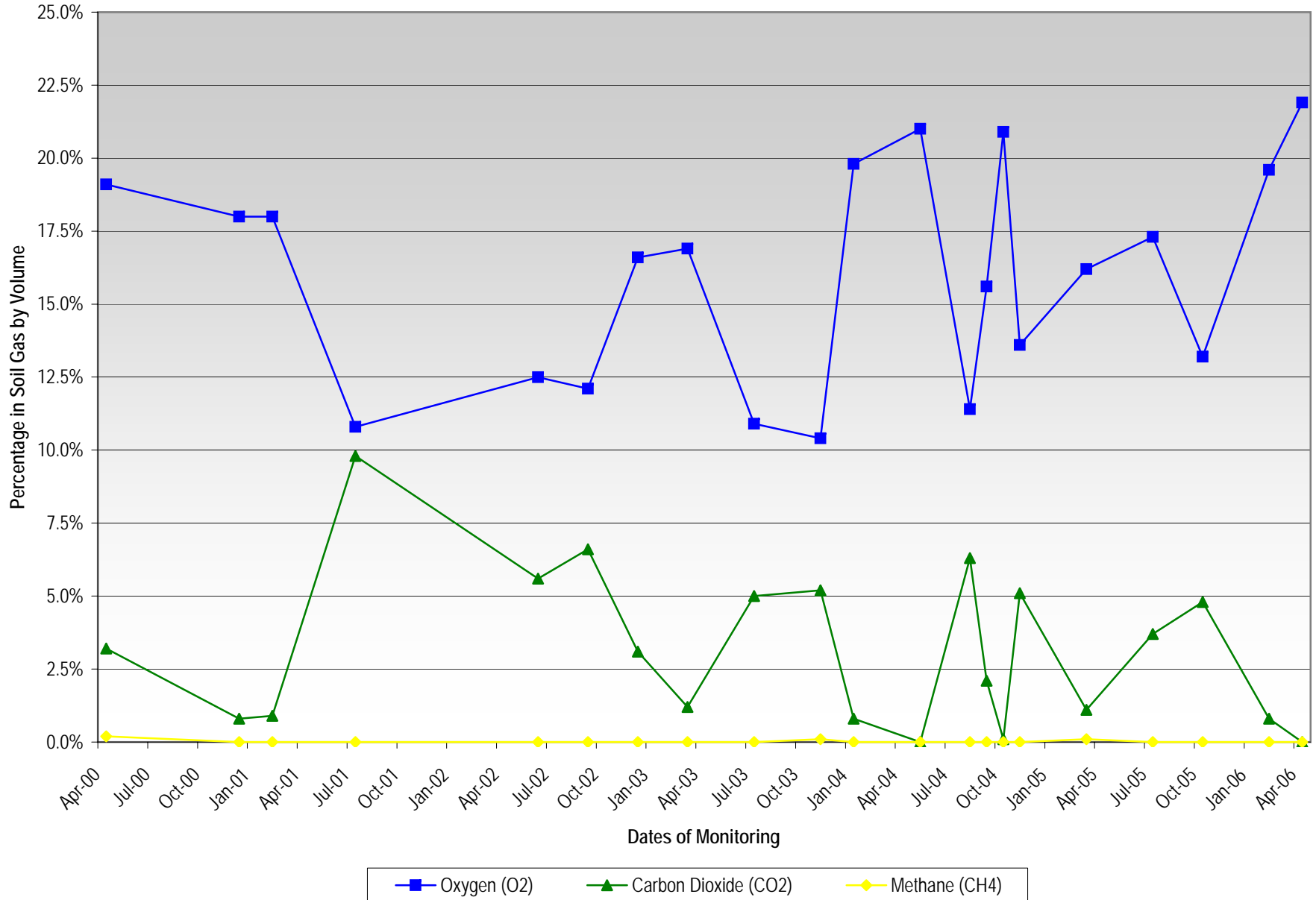
Attachment B
Soil Gas Graphs



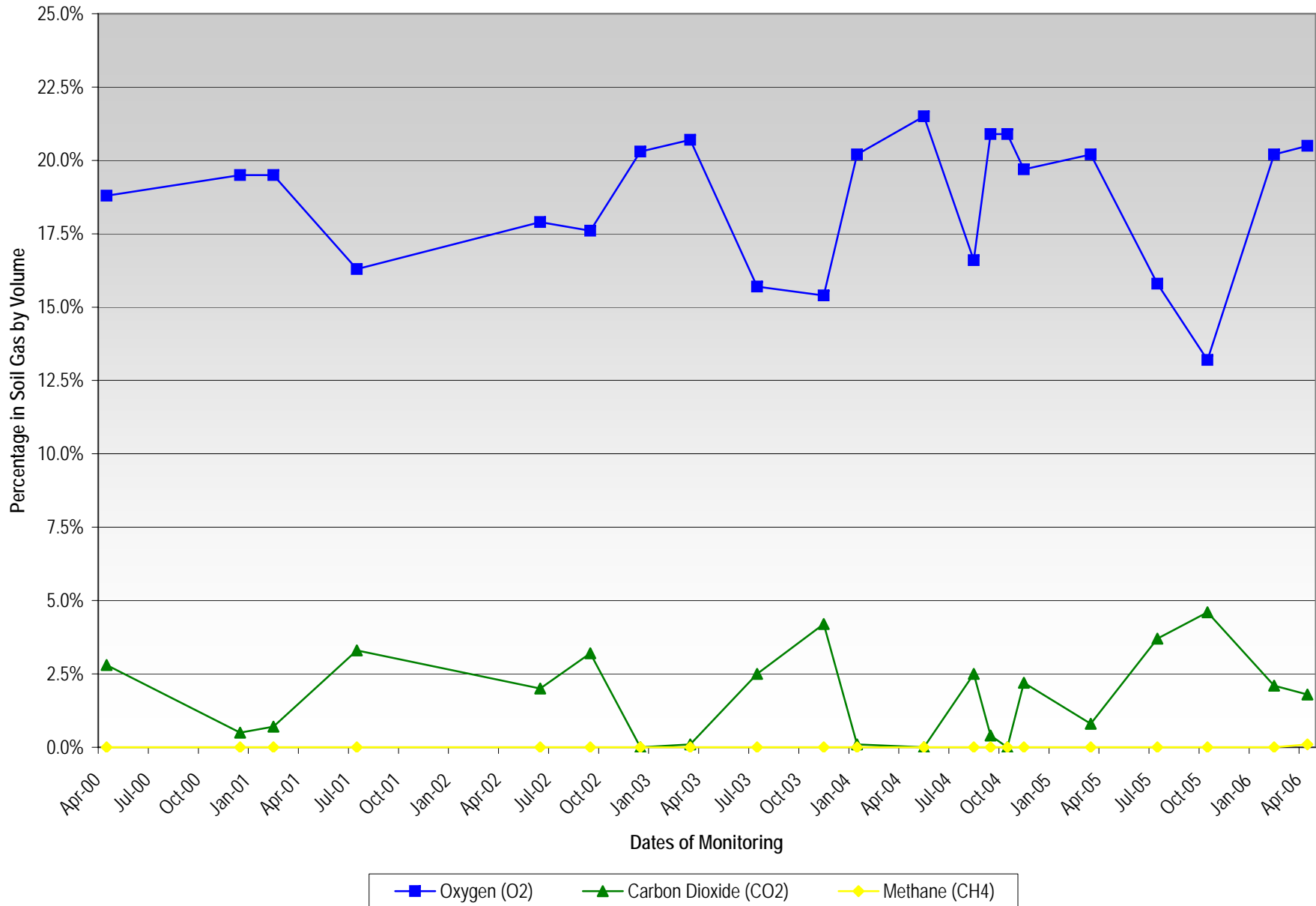
Soil Gas Well EPL1
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



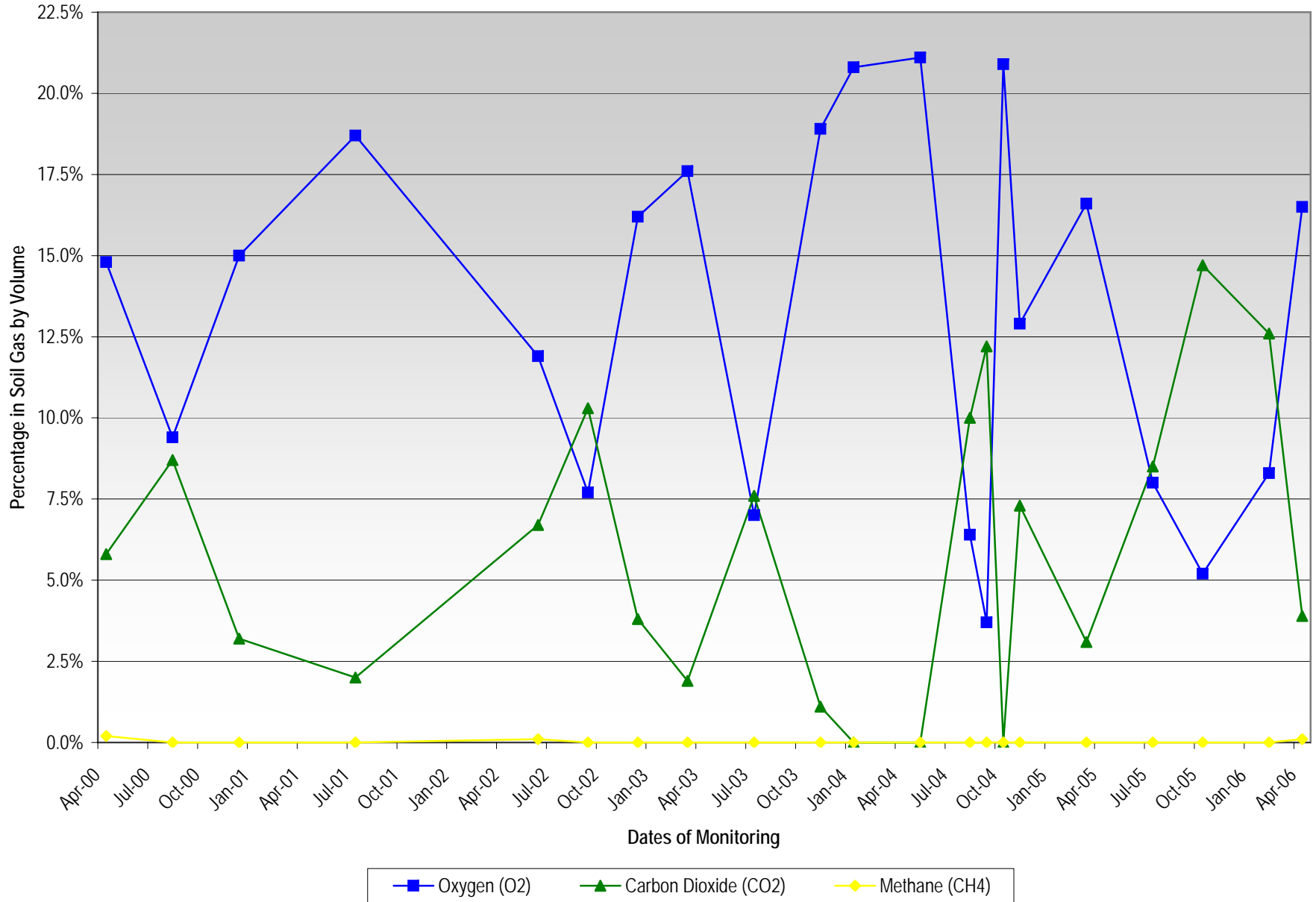
Soil Gas Well EPL4
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



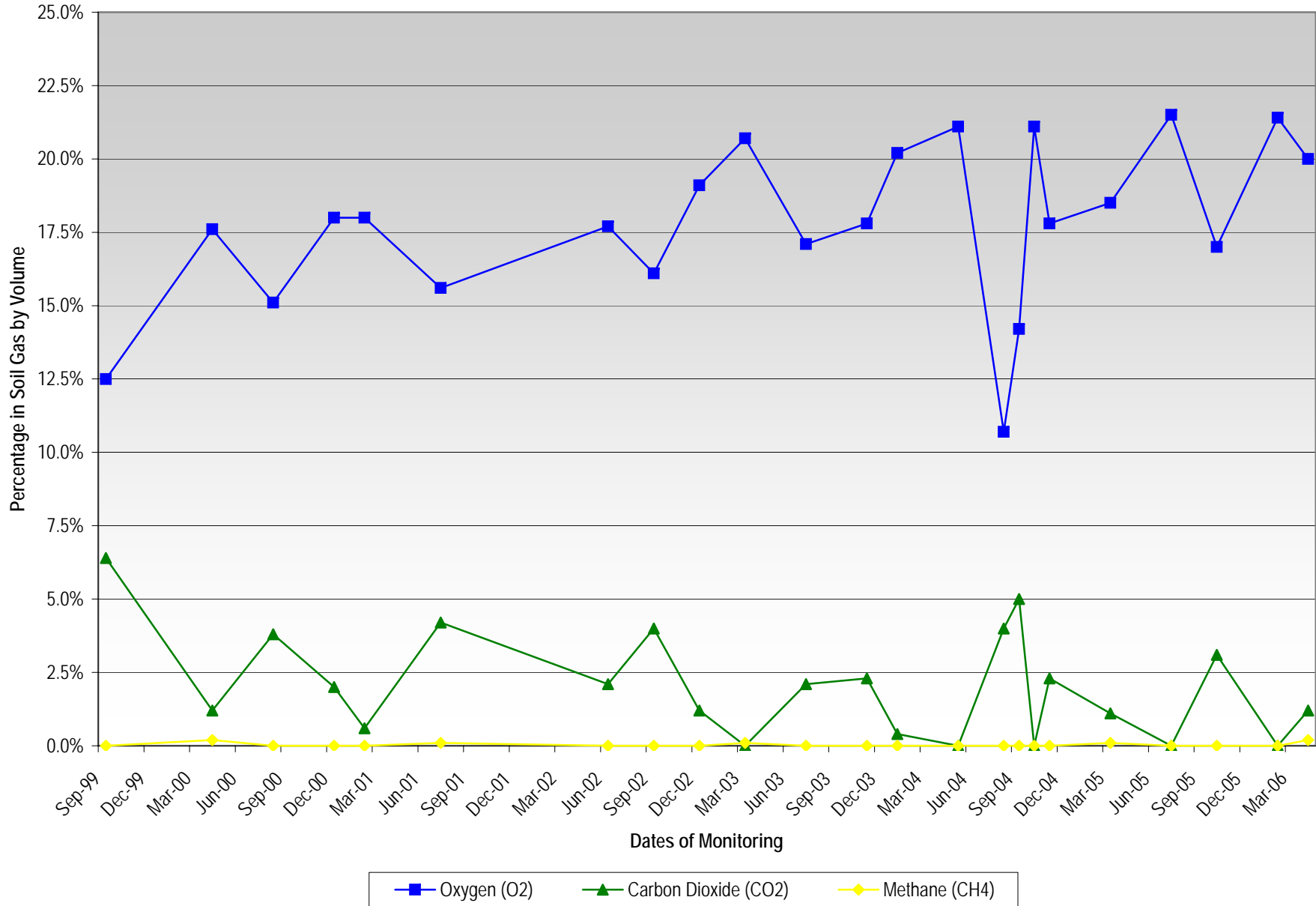
Soil Gas Well MG2
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



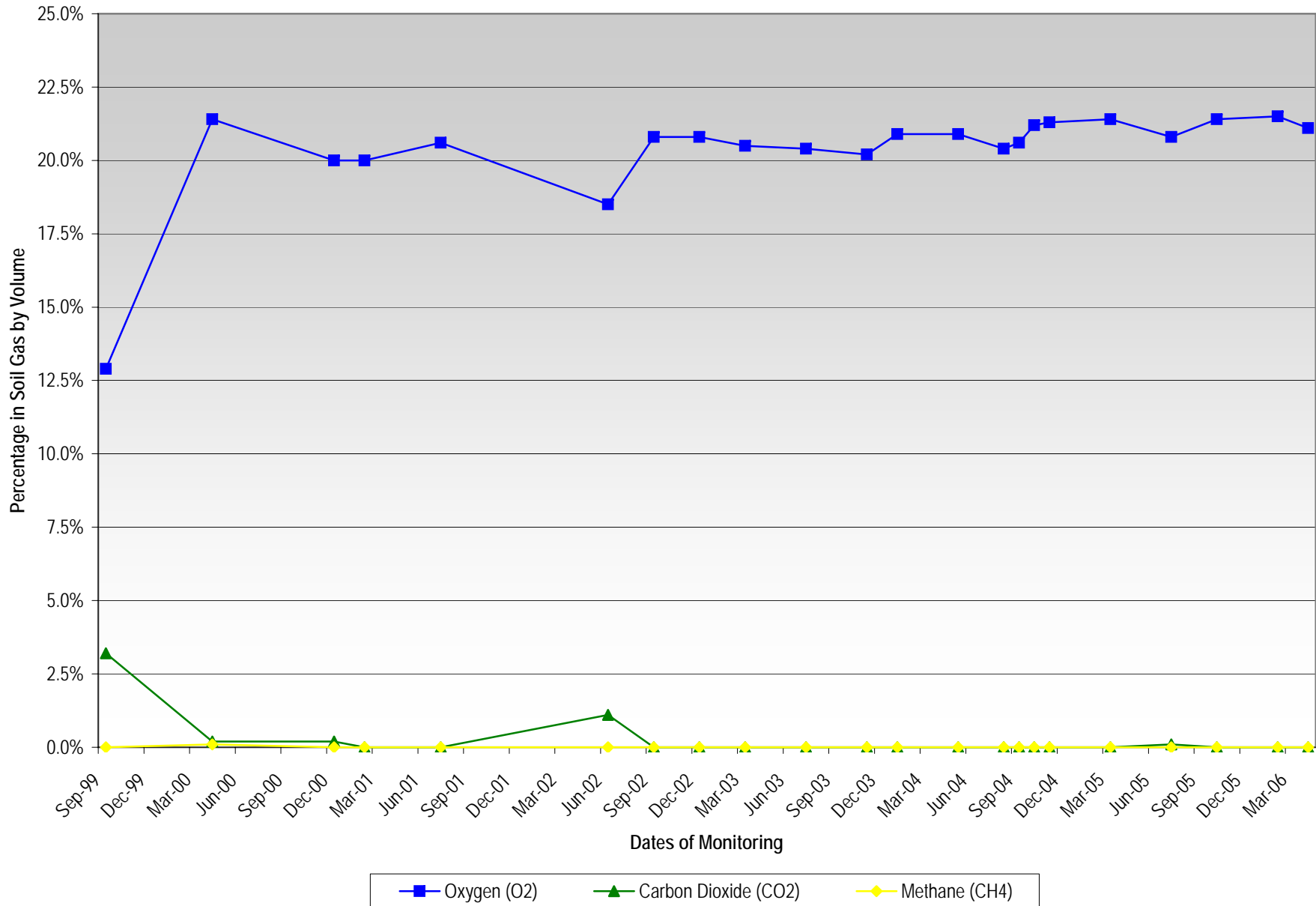
Soil Gas Well MPL5
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



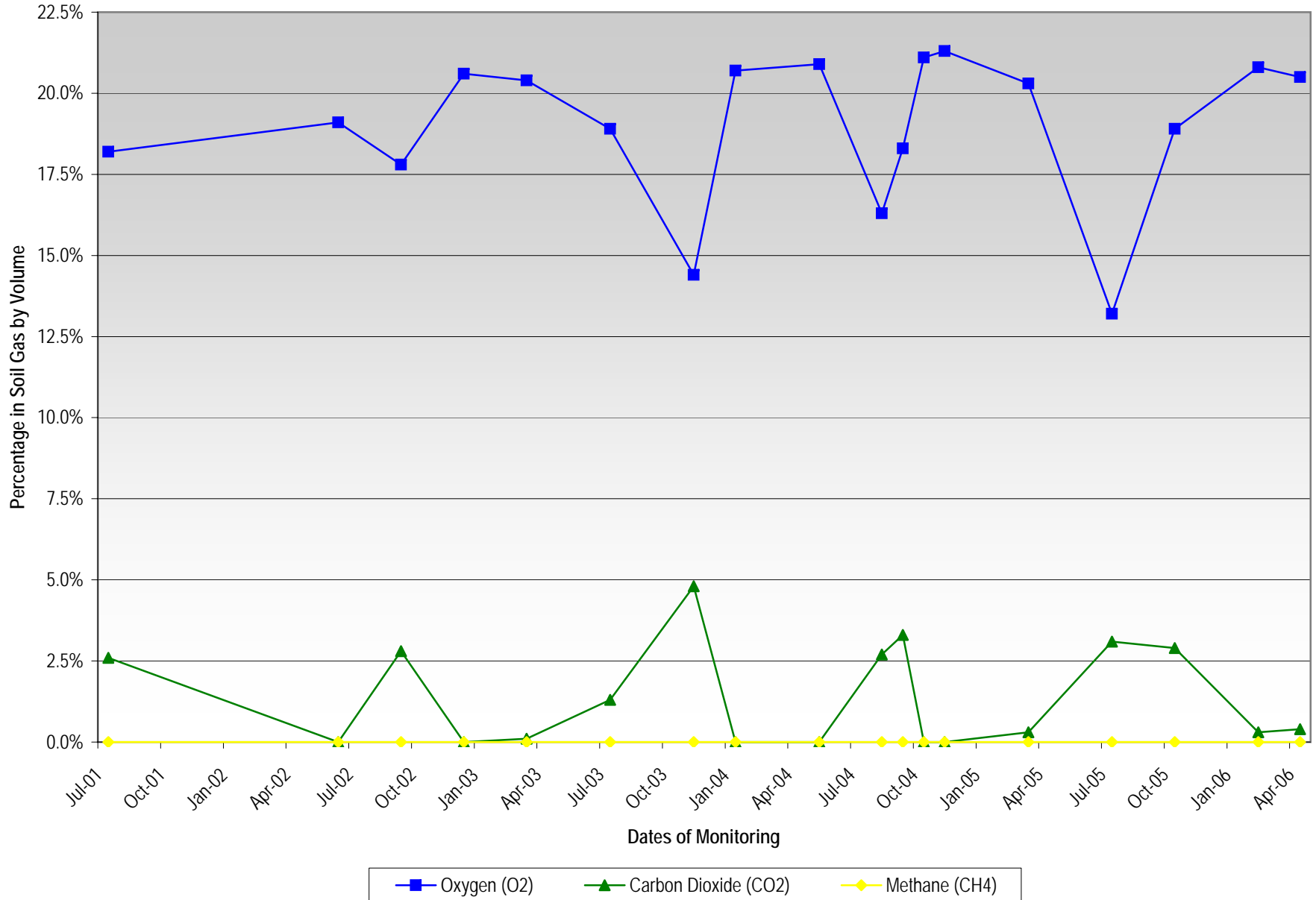
Soil Gas Well WB1
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



Soil Gas Well WB7
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



Soil Gas Well WB15
 Fluctuation in Methane, Oxygen, and Carbon Dioxide Percentages over Time
 Springfield Street School Complex
 Providence, Rhode Island



Attachment C

Laboratory Report for Soil Gas



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

REPORT DATE 5/3/2006

LEVINE FRICKE
350 METRO CENTER BLVD., SUITE 250
WARWICK, RI 02886
ATTN: DONNA PALLISTER

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER: 081-12152-02

ANALYTICAL SUMMARY

LIMS BAT #: LIMS-97040
JOB NUMBER: 081-12152-02

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

PROJECT LOCATION: SPRINGFIELD ST SCHOOL

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
MPL-6	06B14523	AIR	NOT SPECIFIED	to-14 ppbv
MPL-6	06B14523	AIR	NOT SPECIFIED	to-14 ug/m3
WB-2	06B14524	AIR	NOT SPECIFIED	to-14 ppbv
WB-2	06B14524	AIR	NOT SPECIFIED	to-14 ug/m3

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 5/3/06

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

SIGNATURE

DATE

Edward Denson
Technical Director

DONNA PALLISTER
 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
 WARWICK, RI 02886

Purchase Order No.:

5/3/2006

Page 1 of 9

Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Project Number: 081-12152-02
 LIMS-BAT #: LIMS-97040
 Job Number: 081-12152-02

Field Sample #: MPL-6

Sample ID: 06B14523

Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Benzene	PPBv	0.6	04/29/06	TPH	0.5			
Bromomethane	PPBv	ND	04/29/06	TPH	0.5			
Carbon Tetrachloride	PPBv	ND	04/29/06	TPH	0.5			
Chlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
Chloroethane	PPBv	ND	04/29/06	TPH	0.5			
Chloroform	PPBv	ND	04/29/06	TPH	0.5			
Chloromethane	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dibromoethane	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
1,3-Dichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
1,4-Dichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
Dichlorodifluoromethane	PPBv	ND	04/29/06	TPH	0.5			
1,1-Dichloroethane	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichloroethane	PPBv	ND	04/29/06	TPH	0.5			
1,1-Dichloroethylene	PPBv	ND	04/29/06	TPH	0.5			
cis-1,2-Dichloroethylene	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichloropropane	PPBv	ND	04/29/06	TPH	0.5			
cis-1,3-Dichloropropene	PPBv	ND	04/29/06	TPH	0.5			
trans-1,3-Dichloropropene	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	04/29/06	TPH	0.5			
Ethylbenzene	PPBv	0.7	04/29/06	TPH	0.5			
Hexachlorobutadiene	PPBv	ND	04/29/06	TPH	0.5			
Methylene Chloride	PPBv	ND	04/29/06	TPH	0.5			
Styrene	PPBv	0.6	04/29/06	TPH	0.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	04/29/06	TPH	0.5			
Tetrachloroethylene	PPBv	ND	04/29/06	TPH	0.5			
Toluene	PPBv	5.0	04/29/06	TPH	0.5			
1,2,4-Trichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
1,1,1-Trichloroethane	PPBv	ND	04/29/06	TPH	0.5			
1,1,2-Trichloroethane	PPBv	ND	04/29/06	TPH	0.5			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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

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 LEVINE FRICKE
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5/3/2006

Page 2 of 9

Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Purchase Order No.:

Project Number: 081-12152-02

LIMS-BAT #: LIMS-97040

Job Number: 081-12152-02

Field Sample #: MPL-6

Sample ID: 06B14523

Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Trichloroethylene	PPBv	ND	04/29/06	TPH	0.5			
Trichlorofluoromethane (Freon 11)	PPBv	ND	04/29/06	TPH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	04/29/06	TPH	0.5			
1,2,4-Trimethylbenzene	PPBv	1.7	04/29/06	TPH	0.5			
1,3,5-Trimethylbenzene	PPBv	ND	04/29/06	TPH	0.5			
Vinyl Chloride	PPBv	ND	04/29/06	TPH	0.5			
m/p-Xylene	PPBv	2.2	04/29/06	TPH	1.0			
o-Xylene	PPBv	0.9	04/29/06	TPH	0.5			

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.:

5/3/2006

Page 3 of 9

Project Location: SPRINGFIELD ST SCHOOL

Project Number: 081-12152-02

Date Received: 4/28/2006

LIMS-BAT #: LIMS-97040

Job Number: 081-12152-02

Field Sample #: **WB-2**

Sample ID: **06B14524**

Sampled: 4/27/2006

NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Benzene	PPBv	ND	04/29/06	TPH	0.5			
Bromomethane	PPBv	ND	04/29/06	TPH	0.5			
Carbon Tetrachloride	PPBv	ND	04/29/06	TPH	0.5			
Chlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
Chloroethane	PPBv	ND	04/29/06	TPH	0.5			
Chloroform	PPBv	ND	04/29/06	TPH	0.5			
Chloromethane	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dibromoethane	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
1,3-Dichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
1,4-Dichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
Dichlorodifluoromethane	PPBv	0.6	04/29/06	TPH	0.5			
1,1-Dichloroethane	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichloroethane	PPBv	ND	04/29/06	TPH	0.5			
1,1-Dichloroethylene	PPBv	ND	04/29/06	TPH	0.5			
cis-1,2-Dichloroethylene	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichloropropane	PPBv	ND	04/29/06	TPH	0.5			
cis-1,3-Dichloropropene	PPBv	ND	04/29/06	TPH	0.5			
trans-1,3-Dichloropropene	PPBv	ND	04/29/06	TPH	0.5			
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	04/29/06	TPH	0.5			
Ethylbenzene	PPBv	0.5	04/29/06	TPH	0.5			
Hexachlorobutadiene	PPBv	ND	04/29/06	TPH	0.5			
Methylene Chloride	PPBv	2.9	04/29/06	TPH	0.5			
Styrene	PPBv	ND	04/29/06	TPH	0.5			
1,1,2,2-Tetrachloroethane	PPBv	ND	04/29/06	TPH	0.5			
Tetrachloroethylene	PPBv	ND	04/29/06	TPH	0.5			
Toluene	PPBv	3.9	04/29/06	TPH	0.5			
1,2,4-Trichlorobenzene	PPBv	ND	04/29/06	TPH	0.5			
1,1,1-Trichloroethane	PPBv	ND	04/29/06	TPH	0.5			
1,1,2-Trichloroethane	PPBv	ND	04/29/06	TPH	0.5			

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 LEVINE FRICKE
 350 METRO CENTER BLVD., SUITE 250
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5/3/2006
 Page 4 of 9

Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Purchase Order No.:

Project Number: 081-12152-02
 LIMS-BAT #: LIMS-97040
 Job Number: 081-12152-02

Field Sample #: **WB-2**

Sample ID: **06B14524** Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Trichloroethylene	PPBv	ND	04/29/06	TPH	0.5			
Trichlorofluoromethane (Freon 11)	PPBv	ND	04/29/06	TPH	0.5			
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	04/29/06	TPH	0.5			
1,2,4-Trimethylbenzene	PPBv	1.3	04/29/06	TPH	0.5			
1,3,5-Trimethylbenzene	PPBv	ND	04/29/06	TPH	0.5			
Vinyl Chloride	PPBv	ND	04/29/06	TPH	0.5			
m/p-Xylene	PPBv	1.7	04/29/06	TPH	1.0			
o-Xylene	PPBv	0.7	04/29/06	TPH	0.5			

Analytical Method:
 EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Purchase Order No.:

5/3/2006

Page 5 of 9

Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Project Number: 081-12152-02
 LIMS-BAT #: LIMS-97040
 Job Number: 081-12152-02

Field Sample #: MPL-6

Sample ID: 06B14523

Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Benzene	ug/m3	1.9	04/29/06	TPH	1.6			
Bromomethane	ug/m3	ND	04/29/06	TPH	1.9			
Carbon Tetrachloride	ug/m3	ND	04/29/06	TPH	3.1			
Chlorobenzene	ug/m3	ND	04/29/06	TPH	2.3			
Chloroethane	ug/m3	ND	04/29/06	TPH	1.3			
Chloroform	ug/m3	ND	04/29/06	TPH	2.4			
Chloromethane	ug/m3	ND	04/29/06	TPH	1.0			
1,2-Dibromoethane	ug/m3	ND	04/29/06	TPH	3.8			
1,2-Dichlorobenzene	ug/m3	ND	04/29/06	TPH	3.0			
1,3-Dichlorobenzene	ug/m3	ND	04/29/06	TPH	3.0			
1,4-Dichlorobenzene	ug/m3	ND	04/29/06	TPH	3.0			
Dichlorodifluoromethane	ug/m3	ND	04/29/06	TPH	2.5			
1,1-Dichloroethane	ug/m3	ND	04/29/06	TPH	2.0			
1,2-Dichloroethane	ug/m3	ND	04/29/06	TPH	2.0			
1,1-Dichloroethylene	ug/m3	ND	04/29/06	TPH	2.0			
cis-1,2-Dichloroethylene	ug/m3	ND	04/29/06	TPH	2.0			
1,2-Dichloropropane	ug/m3	ND	04/29/06	TPH	2.3			
cis-1,3-Dichloropropene	ug/m3	ND	04/29/06	TPH	2.3			
trans-1,3-Dichloropropene	ug/m3	ND	04/29/06	TPH	2.3			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	04/29/06	TPH	3.5			
Ethylbenzene	ug/m3	2.9	04/29/06	TPH	2.2			
Hexachlorobutadiene	ug/m3	ND	04/29/06	TPH	5.3			
Methylene Chloride	ug/m3	ND	04/29/06	TPH	1.7			
Styrene	ug/m3	2.5	04/29/06	TPH	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	04/29/06	TPH	3.4			
Tetrachloroethylene	ug/m3	ND	04/29/06	TPH	3.4			
Toluene	ug/m3	19.	04/29/06	TPH	1.9			
1,2,4-Trichlorobenzene	ug/m3	ND	04/29/06	TPH	3.7			
1,1,1-Trichloroethane	ug/m3	ND	04/29/06	TPH	2.7			
1,1,2-Trichloroethane	ug/m3	ND	04/29/06	TPH	2.7			

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 WARWICK, RI 02886

5/3/2006

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Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Purchase Order No.:

Project Number: 081-12152-02

LIMS-BAT #: LIMS-97040

Job Number: 081-12152-02

Field Sample #: MPL-6

Sample ID: 06B14523

Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Trichloroethylene	ug/m3	ND	04/29/06	TPH	2.7		
Trichlorofluoromethane	ug/m3	ND	04/29/06	TPH	2.8		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	04/29/06	TPH	3.8		
1,2,4-Trimethylbenzene	ug/m3	8.5	04/29/06	TPH	2.5		
1,3,5-Trimethylbenzene	ug/m3	ND	04/29/06	TPH	2.5		
Vinyl Chloride	ug/m3	ND	04/29/06	TPH	1.3		
m/p-Xylene	ug/m3	9.8	04/29/06	TPH	4.3		
o-Xylene	ug/m3	4.0	04/29/06	TPH	2.2		

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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 WARWICK, RI 02886

5/3/2006

Page 7 of 9

Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Purchase Order No.:

Project Number: 081-12152-02
 LIMS-BAT #: LIMS-97040
 Job Number: 081-12152-02

Field Sample #: **WB-2**

Sample ID: **06B14524**

Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Benzene	ug/m3	ND	04/29/06	TPH	1.6			
Bromomethane	ug/m3	ND	04/29/06	TPH	1.9			
Carbon Tetrachloride	ug/m3	ND	04/29/06	TPH	3.1			
Chlorobenzene	ug/m3	ND	04/29/06	TPH	2.3			
Chloroethane	ug/m3	ND	04/29/06	TPH	1.3			
Chloroform	ug/m3	ND	04/29/06	TPH	2.4			
Chloromethane	ug/m3	ND	04/29/06	TPH	1.0			
1,2-Dibromoethane	ug/m3	ND	04/29/06	TPH	3.8			
1,2-Dichlorobenzene	ug/m3	ND	04/29/06	TPH	3.0			
1,3-Dichlorobenzene	ug/m3	ND	04/29/06	TPH	3.0			
1,4-Dichlorobenzene	ug/m3	ND	04/29/06	TPH	3.0			
Dichlorodifluoromethane	ug/m3	3.0	04/29/06	TPH	2.5			
1,1-Dichloroethane	ug/m3	ND	04/29/06	TPH	2.0			
1,2-Dichloroethane	ug/m3	ND	04/29/06	TPH	2.0			
1,1-Dichloroethylene	ug/m3	ND	04/29/06	TPH	2.0			
cis-1,2-Dichloroethylene	ug/m3	ND	04/29/06	TPH	2.0			
1,2-Dichloropropane	ug/m3	ND	04/29/06	TPH	2.3			
cis-1,3-Dichloropropene	ug/m3	ND	04/29/06	TPH	2.3			
trans-1,3-Dichloropropene	ug/m3	ND	04/29/06	TPH	2.3			
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	04/29/06	TPH	3.5			
Ethylbenzene	ug/m3	ND	04/29/06	TPH	2.2			
Hexachlorobutadiene	ug/m3	ND	04/29/06	TPH	5.3			
Methylene Chloride	ug/m3	10.	04/29/06	TPH	1.7			
Styrene	ug/m3	ND	04/29/06	TPH	2.1			
1,1,2,2-Tetrachloroethane	ug/m3	ND	04/29/06	TPH	3.4			
Tetrachloroethylene	ug/m3	ND	04/29/06	TPH	3.4			
Toluene	ug/m3	15.	04/29/06	TPH	1.9			
1,2,4-Trichlorobenzene	ug/m3	ND	04/29/06	TPH	3.7			
1,1,1-Trichloroethane	ug/m3	ND	04/29/06	TPH	2.7			
1,1,2-Trichloroethane	ug/m3	ND	04/29/06	TPH	2.7			

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5/3/2006

Page 8 of 9

Project Location: SPRINGFIELD ST SCHOOL
 Date Received: 4/28/2006

Purchase Order No.:

Project Number: 081-12152-02

LIMS-BAT #: LIMS-97040

Job Number: 081-12152-02

Field Sample #: **WB-2**

Sample ID: **06B14524**

Sampled: 4/27/2006
 NOT SPECIFIED

Sample Matrix: AIR

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Trichloroethylene	ug/m3	ND	04/29/06	TPH	2.7			
Trichlorofluoromethane	ug/m3	ND	04/29/06	TPH	2.8			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	04/29/06	TPH	3.8			
1,2,4-Trimethylbenzene	ug/m3	6.4	04/29/06	TPH	2.5			
1,3,5-Trimethylbenzene	ug/m3	ND	04/29/06	TPH	2.5			
Vinyl Chloride	ug/m3	ND	04/29/06	TPH	1.3			
m/p-Xylene	ug/m3	7.5	04/29/06	TPH	4.3			
o-Xylene	ug/m3	3.1	04/29/06	TPH	2.2			

Analytical Method:

EPA TO-14A

SAMPLES ARE TAKEN IN SUMMA CANISTERS AND ANALYZED BY GAS CHROMATOGRAPHY WITH MASS SPECTROMETRY DETECTION. (GC/MS)

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Project Location: SPRINGFIELD ST SCHOOL
Date Received: 4/28/2006

Purchase Order No.:

5/3/2006

Page 9 of 9

Project Number: 081-12152-02

LIMS-BAT #: LIMS-97040

Job Number: 081-12152-02

** END OF REPORT **

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

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



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: 5/3/2006

Lims Bat # : LIMS-97040

Page 1 of 2

QC Batch Number: BATCH-10872

Sample Id	Analysis	QC Analysis	Values	Units	Limits
06B14523	4-Bromofluorobenzene	Surrogate Recovery	86.9	%	70-130
06B14524	4-Bromofluorobenzene	Surrogate Recovery	95.8	%	70-130
BLANK-87618	Benzene	Blank	<1.6	ug/m3	
	Carbon Tetrachloride	Blank	<3.1	ug/m3	
	Chloroform	Blank	<2.4	ug/m3	
	1,2-Dichloroethane	Blank	<2.0	ug/m3	
	1,4-Dichlorobenzene	Blank	<3.0	ug/m3	
	Ethylbenzene	Blank	<2.2	ug/m3	
	Styrene	Blank	<2.1	ug/m3	
	Tetrachloroethylene	Blank	<3.4	ug/m3	
	Toluene	Blank	<1.9	ug/m3	
	1,1,1-Trichloroethane	Blank	<2.7	ug/m3	
	Trichloroethylene	Blank	<2.7	ug/m3	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<3.8	ug/m3	
	Trichlorofluoromethane	Blank	<2.8	ug/m3	
	o-Xylene	Blank	<2.2	ug/m3	
	m/p-Xylene	Blank	<4.3	ug/m3	
	1,2-Dichlorobenzene	Blank	<3.0	ug/m3	
	1,3-Dichlorobenzene	Blank	<3.0	ug/m3	
	1,1-Dichloroethane	Blank	<2.0	ug/m3	
	1,1-Dichloroethylene	Blank	<2.0	ug/m3	
	Vinyl Chloride	Blank	<1.3	ug/m3	
	Methylene Chloride	Blank	<1.7	ug/m3	
	Chlorobenzene	Blank	<2.3	ug/m3	
	Chloromethane	Blank	<1.0	ug/m3	
	Bromomethane	Blank	<1.9	ug/m3	
	Chloroethane	Blank	<1.3	ug/m3	
	cis-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	trans-1,3-Dichloropropene	Blank	<2.3	ug/m3	
	1,1,2-Trichloroethane	Blank	<2.7	ug/m3	
	1,1,2,2-Tetrachloroethane	Blank	<3.4	ug/m3	
	Hexachlorobutadiene	Blank	<5.3	ug/m3	
	1,2,4-Trichlorobenzene	Blank	<3.7	ug/m3	
	1,2,4-Trimethylbenzene	Blank	<2.5	ug/m3	
	1,3,5-Trimethylbenzene	Blank	<2.5	ug/m3	
	cis-1,2-Dichloroethylene	Blank	<2.0	ug/m3	
	1,2-Dichloropropane	Blank	<2.3	ug/m3	
	Dichlorodifluoromethane	Blank	<2.5	ug/m3	
	1,2-Dibromoethane	Blank	<3.8	ug/m3	
	1,2-Dichlorotetrafluoroethane (114)	Blank	<3.5	ug/m3	



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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: 5/3/2006 Lims Bat #: LIMS-97040 Page 2 of 2

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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SAMPLE RECEIPT CHECKLIST

CLIENT NAME: LFR

RECEIVED BY: TPH DATE: 4-28-06

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: N/A

5. Are there any on hold samples? YES NO

6. Laboratory analysts notified? YES NO

Who _____ Time _____ Date _____

7. Location where samples are stored: AIR LAB

CONTAINERS SENT IN TO CON-TEST	# of containers	CONTAINERS SENT TO CON-TEST	# of containers
1 liter amber		Air Cassettes	
500 ml amber		8 oz clear jar	
250 ml amber (8oz. Amber)		4 oz clear jar	
1 liter plastic		2 oz clear jar	
500 ml plastic		Plastic bag	
250 ml plastic		Encore	
40 ml vial		Brass Sleeves	
Colisure bottle		Tubes	
Dissolved oxygen bottle		Summa cans	
Flashpoint bottle		Other <u> Tedlar </u>	<u> 2 </u>

Laboratory comments: