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Mr. Jeffrey P. Crawford
Principal Environmental Scientist
Office of Waste Management
RIDEM
235 Promenade Street
Providence, RI 02908

Subject: Additional Screening of Subslab Ventilation System,
Springfield Street School Complex, Case 99-018

Dear Mr. Crawford:

On January 12, 2005, LFR visited the elementary and middle school at the Springfield Street School Complex to rescreen inlet and outlet air from the subslab ventilation system for organic vapors using a photoionization detector (PID). The results of the screening are attached. Screening was performed by collecting an air sample in a Tedlar bag, then allowing the PID internal pump to withdraw air from the bag. We used two different PIDs as a quality check. As you can see, the results were much lower during this screening event. All results were below the Remedial Action Work Plan Action Level.

During the January 25 meeting of the City of Providence Board of Contract and Supply approved a bid by Service Tech to replace the carbon in the subslab ventilation system at the schools. This work will be completed in the near future, and we will notify you when it is complete.

Please contact me if you have any questions.

Sincerely,

Donna H. Pallister, P.E.
Senior Engineer

CC: A. Sepe, City of Providence
S. Tremblay, Providence School Department

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System Monitoring Notes
Springfield Street School Complex
Providence, Rhode Island

January 12, 2005

Monitoring Location	Relative Humidity %	Organic Vapors measured with Mini Rae 2000 in ppm as isobutylene	Organic Vapors measured with HNU PI101 in ppm as isobutylene
Elementary School inlet 1	--	2.2	0.6
Elementary School inlet 2	--	0.8	0.2
Elementary School Outlet	26.7	1.0	0.0
Middle school front shed inlet	--	1.2	0.2
Middle school front shed after 2nd carbon	38.3	0.9	0.0
Middle school back shed inlet	--	1.6	0.0
Middle school back shed after 2nd carbon	77.4	2.1	0.6
Remedial Action Work Plan Action Levels		**5 ppm**	**5 ppm**

"--" indicates not measured