



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

December 15, 2003

Alan Sepe, Director
Division of City Property
City Hall
25 Dorrance Street
Providence, R.I. 02903

RE: Comments concerning the November 2003 Quarterly Monitoring Report results by LFR at Springfield Street Schools- (Received at DEM December 11, 2003)
Case #99-018

Dear Mr. Sepe:

The Department is in receipt of the November 2003 correspondence from your consultant LFR, Inc. received on December 11, 2003 at RIDEM. The correspondence concerns the November 2003 Quarterly Monitoring Report. Based upon the results outlined in the report, the Department has listed below several comments and observations that need to be addressed:

There continues to be several locations on the property where holes and depressed areas were observed. Has the city addressed these areas and if so, submit documentation and photographs supporting the observations that the areas were addressed. These and other locations have been previously cited by LFR.

Sub-slab Ventilation Systems for Elementary School and Middle School:

LFR reports that there are organic vapor PID readings from at least one of the influent and effluent sampling points of the sub-slab system in the Elementary School and Middle School that exceeded the Action Level. These systems should be immediately checked. A determination should be made when then carbon vessels were last changed and immediate arrangements made to change the carbon and properly dispose of the waste carbon.

Indoor Air Monitoring

LFR reports that there were at least two (2) methane monitors whose sensors were not working at the time of their inspection. What is the status of repairing these items and getting them back into service?

Springfield Street Schools
Response to November 2003 Quarterly Monitoring

Groundwater

LFR is reporting that the groundwater is GB compliant.

Soils Gas Monitoring

LFR reports that Methane in these wells is all below action levels.

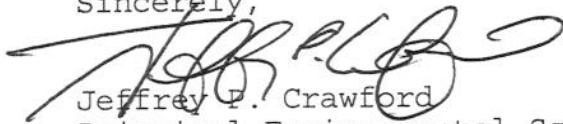
LFR reports that there is some Carbon Dioxide present above the action levels in some of the perimeter soil gas wells, but has previously stated that this is from decomposition.

LFR reports the presence of Carbon Monoxide (10 of 29 wells) and low Hydrogen Sulfide (29 wells) in several of the perimeter soil gas wells.

Please respond in writing by January 5, 2004 as to what steps the City of Providence is taking to address the interior methane monitors and sub-slab systems deficiencies.

Should you have any questions, please feel free to contact me by telephone at (401) 222-2797 x7102 or by e-mail jcrawfor@dem.state.ri.us .

Sincerely,



Jeffrey P. Crawford
Principal Environmental Scientist
Office of Waste Management

cc: Terrence Gray, Associate Director
Leo Hellested P.E., Chief OWM
Kelly Owens, Supervising Engineer OWM
Brian Wagner, Esq. -DEM Legal Services
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