



99-1638

HAZARDOUS MATERIALS
MANAGEMENT DIVISION

SEP 12 10 27 AM '94

September 9, 1994

Mr. Richard Spiese
State of Vermont
Department of Environmental Conservation
Hazardous Materials Management Division
103 South Main St.
Waterbury, VT 05671-0404

RE: Manchester Elementary School

Dear Rich,

The Manchester Elementary School has contracted Griffin International to conduct vapor monitoring and a soil gas survey at the above referenced location. Enclosed is our cost estimate for the project.

The work scope contained in the cost estimate is based on your requests that were made after you visited the site, as I understand them. I will call you next Tuesday to determine if the work scope that you requested is any different than the one we proposed. Also, we need to know the site number at this location so we can include it on our final report.

Your attention to this matter is appreciated.

Sincerely,

Peter M. Murray
Project Hydrogeologist

cc: John Griffin, Manchester School District

encl.



August 30, 1994

Mr. John Griffin
Manchester Elementary School
P.O. Box 1526
Manchester Center, VT 05255

RE: Soil Vapor Probe Installation, Monitoring

Dear Mr. Griffin:

Griffin International, Inc. appreciates the opportunity to provide you with this quote to install two soil vapor monitoring probes and conduct vapor monitoring at the Manchester Elementary School. This quote covers the work scope as I understand it after discussing the project with Mr. Todd Kilburn, of Precision Industrial. Mr. Kilburn indicated that the following will be required by the State of Vermont Department of Environmental Conservation (VTDEC) for a preliminary assessment of subsurface petroleum contamination detected during removal of an underground storage tank (UST) at the school:

- conduct indoor air screening for VOCs in the building in the vicinity of the former UST.
- install two (2) soil vapor probes, approx. six (6) feet deep.
- draw air samples from each probe.
- screen air samples for volatile organic compounds (VOCs) using a portable photo-ionization device.
- prepare written report.

Indoor air screening for VOCs by PID will be conducted in the vicinity of the former UST. Air in both the breathing zone and along the floor will be conducted prior to installation of the two vapor probes.

The two probes will be constructed of 1.25" diameter, perforated, galvanized steel point with drive probes. The lower 30" of the probe will be perforated. The remainder of the probe will be solid pipe extending to six inches below grade. The probes will be protected by flush mounted, six inch diameter manhole covers with bolt down lids. The manhole covers will be permanently set in the concrete floor.

A nearby, ready water source, preferably a garden hose spigot, will be required for this project.

John Griffin
August 31, 1994
Page 2

Prior to conducting any on-site work, Griffin International will prepare a site specific, written Health and Safety Plan, as required by VTDEC.

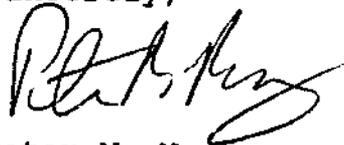
The following is a firm fixed price quote for the above workscope. No additional work will be conducted without the expressed consent of Manchester Elementary School.

Soil Vapor Probe Installation (includes labor, equipment, expenses)	\$640.00
Vapor Probe Materials (includes probes, casing, flush mount manhole cover)	\$470.00
Report Preparation	\$150.00
HASP Preparation/Project Coordination	\$100.00
<hr/> PROJECT TOTAL	<hr/> \$1,360.00

We can begin work on this project within one week of both your approval of this proposal and approval of VTDEC. The report will be completed within three weeks of your and VTDEC approval. This letter will serve as the written work plan and cost estimate required by VTDEC.

Please call me with any questions that you may have regarding this quote.

Sincerely,



Peter M. Murray
Project Hydrogeologist



September 9, 1994

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Your attention to this matter is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter M. Murray". The signature is written in a cursive style and is positioned above the typed name.

Peter M. Murray
Project Hydrogeologist

cc: John Griffin, Manchester School District

encl.



August 30, 1994

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Manchester Elementary School
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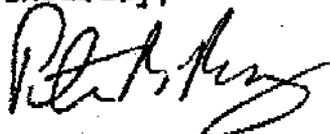
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