



GARY E. JOHNSON  
GOVERNOR

State of New Mexico  
**ENVIRONMENT DEPARTMENT**  
Ground Water Protection and Remediation Bureau

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MARK E. WEIDLER  
SECRETARY

EDGAR T. THORNTON, III  
DEPUTY SECRETARY

June 6, 1996

Mr. Pierce L. Chandler, Jr.  
Project Manager  
Black & Veatch  
5728 LBJ Freeway, Suite 300  
Dallas, Texas 75240

Dear Mr. Chandler:

Notwithstanding the fact that NMED does not consider Sparton's proposal to install a single nest of vapor probes as adequate to perform a valid and complete soil-vapor investigation, NMED will qualify and conditionally approve a single nest of vapor probes if Sparton agrees to comply with the following conditions as set forth below.

1. In our telephone conversation of May 30, 1996, you clarified that the proposed location of the vapor probe nest would be near the sump and west pond, one of the four locations originally proposed by NMED. You will need to send NMED an amended map indicating the location as we agreed during our phone conversation.

2. You also sent three vapor-probe construction options to me by facsimile on May 30, 1996. NMED is concerned about Sparton's proposed use of metal or PVC pipe instead of flexible tubing. Your fax did not indicate how the pipe joints would be coupled to preclude any leakage that could provide false positive or negatives depending on the circumstances. Flexible tubing, as was proposed by NMED, is much more reliable to generate valid, leak-free data. You will need to submit exact construction specifications of the vapor-probe that address NMED's concerns.

3. NMED will not require Sparton to perform soil-matrix sampling during this probe-nest installation. However, NMED will sample for analysis of VOCs and chromium.

4. Regarding worker health and safety, NMED has encountered vapor hazards during investigation of source areas similar to Sparton's. NMED requires that 29 CFR 1910.120 be complied with, and your letter indicates that it will. You will need to provide NMED with a copy of your plan prior to mobilization and as a condition of our

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qualified approval.

5. If Sparton complies with the requirements of this letter and proceeds with the installation of a single nest of vapor-probes, Sparton understands that NMED's conditional and qualified approval for the first phase of Sparton's soil-vapor investigation does not relieve Sparton of any of its obligations and responsibilities under state and federal laws and regulations.

6. If Sparton complies with the requirements of this letter and proceeds with the installation of a nested vapor-probe, Sparton will understand that NMED's requirements and qualified approvals under the New Mexico Water Quality Act are parallel to and complement the ongoing administrative process currently being conducted by EPA.

NMED will address our differing positions on monitor well locations under separate cover after consulting with the other governmental entities.

Sincerely,



Dennis McQuillan  
Remediation Manager  
Ground Water Quality Bureau

cc: Mark Weidler, NMED Secretary  
Ed Kelley, Director, Water and Waste Management Division  
Richard Mertz, General Counsel  
Ana Marie Ortiz, Assistant General Counsel  
Benito Garcia, Hazardous and Radioactive Materials Bureau  
Ron Kern, Hazardous and Radioactive Materials Bureau  
Steve Cary, Office of the Natural Resources Trustee  
Vincent Malott, EPA  
Evan Pearson, EPA  
Norman Gaume, Albuquerque Public Works  
Curt Montman, Albuquerque Environmental Health  
Gary O'Dea, Albuquerque City Attorney's Office  
Richard Brusuelas, Bernalillo County Environmental Health  
Jan Appel, Sparton  
Jim Harris, Thompson and Knight

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