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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
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DALLAS, TX 75202-2733

Received at LAAO  
NOV. 14, 1994

11-4-94

Mr. Joseph C. Vozella  
Assistant Area Manager  
Environment, Safety and Health Branch  
Department of Energy  
Los Alamos Field Office  
Los Alamos, NM 87544

Re: Sampling Plan for SWMU 0-039, OU 1071  
Los Alamos National Laboratory (NM0890010515)

Dear Mr. Vozella:

The Environmental Protection Agency (EPA) has reviewed the sampling plan dated October 20, 1994, for Solid Waste Management Unit (SWMU) 0-039, and found it to be deficient. Enclosed is a list of deficiencies which need to be addressed within twenty (20) days of receipt of this letter. EPA realizes that the New Mexico Environment Department (NMED) Underground Storage Tank (UST) Bureau is interested in completing the investigation by December 15, 1994; therefore, EPA suggests a conference call to resolve any questions concerning the deficiencies.

If you have any questions, please feel free to contact Barbara Driscoll of my staff at (214) 665-7441.

Sincerely,

*David J. Honker*  
William K. Honker, P.E., Chief  
RCRA Permits Branch

cc: Mr. Benito Garcia  
Bureau Chief, Hazardous and Radioactive Materials Bureau  
New Mexico Environment Department  
Mr. Jorg Jansen  
Program Manager, Environmental Restoration Program  
Los Alamos National Laboratory, M992  
1.4.2.6.1.4.1.2



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**List of Deficiencies**  
**Solid Waste Management Unit 0-039**  
**Operable Unit 1071**

1. **5.19.5.3.2 Shallow Soil Sampling, p. 11** - LANL needs to elaborate on how confirmation sampling locations will be chosen, and how many samples will be selected.
2. **5.19.5.4 Task 4 - Exploratory Boring, Core Sampling, and Soil Vapor Investigation, p. 12** - LANL may not composite core samples for chemical analysis.
3. **5.19.5.4.1.1 Collection of Composite Core Samples for Chemical Analysis, p. 14** -
  - a. What level of analytical data may be obtained by using the Chem-Van?
  - b. Depending on the response to deficiency 3(a), LANL may be able to submit the discrete samples from each core which have the highest readings for laboratory analysis. In addition, a sample should be collected ten feet below the deepest sample for which there is no reading from the Chem Van, and this sample should be submitted for laboratory analysis.
4. LANL needs to provide a sampling schedule for fieldwork and for submittal of an RFI report.