

2282 T/A 54  
AUG 25 1993

Mr. Joseph C. Vozella, Chief  
Environment, Safety and Health Branch  
Department of Energy  
Los Alamos Area Office  
Los Alamos, New Mexico 87544

Re: Pilot Extraction Study Plan for the Organic Vapor Plume  
Los Alamos National Laboratory  
NM0890010515

Dear Mr. Vozella:

The Environmental Protection Agency (EPA) has reviewed and approves your Pilot Extraction Study Plan for the Organic Vapor Plume at MDA-L. Please include progress reports on this project in your quarterly reports, as required under the HSWA permit.

Should you have any questions, please contact Barbara Driscoll at (214) 655-7441.

Sincerely,

William K. Honker, P.E.  
Chief  
RCRA Permits Branch (6H-P)

cc: Benito Garcia, NMED  
Al Tiedman, LANL, MS-A120

6H-PN: BDRISCOLL:BD:A:DISK:x6785:LANLVCA.APR FILE:TECH

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Fact Sheet  
Pilot Extraction Study Plan for the Organic  
Vapor Plume at MDA-L  
Los Alamos National Laboratory

- \* Material Disposal Area L (MDA L) is located in Technical Area 54 at the Los Alamos Laboratory. MDA L is the location of one of the past primary chemical disposal areas at Los Alamos.
- \* Due to past waste disposal practices there was no containment of chemicals disposed in this MDA which has resulted an organic vapor plume.
- \* Los Alamos is proposing a pilot extraction study plan to determine the extent of the plume and to design a full scale vapor extraction system. The objective of this system will be to retract the vapor plume to the vicinity of the disposal shafts that are the source of the plume.
- \* In addition, the study will help Los Alamos design a passive venting system for long-term control of the source region. The study is anticipated to continue until 1999 when a full scale volatile extraction system will be in operation.