

APR 06 1993

Mr. Jerry L. Bellows  
Area Manager  
Department of Energy  
Los Alamos Area Office  
Los Alamos, New Mexico 87544

Re: RFI Workplan for OU 1147  
Los Alamos National Laboratory  
NM0890010515

Dear Mr. Bellows:

The Environmental Protection Agency (EPA) hereby approves your RCRA Facility Investigation (RFI) Phase I Workplan for Operable Unit 1147 (OU 1147) with the enclosed modifications. The approved RFI Workplan consists of the RFI Workplan dated May 20, 1992, the October 15, 1992, Notice of Deficiency (NOD) Response, the March 15, 1993, additional NOD Response, and the enclosed modifications.

You shall immediately initiate the implementation of this approved RFI Workplan, according to the schedule contained in the Workplan. If you have any questions, please contact Barbara Driscoll of my staff at (214) 655-7441.

Sincerely yours,

Allyn M. Davis, Director  
Hazardous Waste Management Division

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~~Modifications~~



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## MODIFICATIONS

1. The final RFI Report should be submitted to EPA within 8 months of receipt of the last sample analysis. This 8 month period allows for data validation time by LANL. LANL should expedite submittal of the RFI Reports, and may want to examine their internal review time.

2. **The Area C Landfill** - LANL will place an additional borehole on the northeast corner of the landfill next to the northeast corner of Pit No. 5. This additional borehole shall extend to 80 feet as the other vertical boreholes, and be sampled every 10 feet for VOAs, SVOCs, and metals. Samples should preferably be collected where field screening indicates possible contamination.

All vertical boreholes shall be placed next to the units of interest and not at the fence boundary. Samples for all the boreholes (vertical and angled) shall be collected and analyzed for VOAs, SVOCs and metals every 10 feet (rather than every 15 feet as indicated in the Workplan) and where contamination is indicated by field screening.

FACT SHEET  
LOS ALAMOS RFI WORK PLAN OU 1147

- \* Operable Unit 1147 (OU 1147) is located in Technical Area 50 (TA 50) on Los Alamos Laboratory property. TA 50 is the site of the current liquid waste treatment facility. The area to be investigated occupies about 21 acres.
  
- \* The primary SWMU of concern is Material Disposal Area C (MDA C) which is a mixed waste landfill consisting of pits and shafts that received solid (and small amounts of liquid) radioactive and hazardous waste.
  
- \* In addition to MDA C, there are 25 SWMUs which will be investigated. The majority of these units are associated with the ongoing liquid and solid waste treatment activities.