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State of New Mexico  
**ENVIRONMENT DEPARTMENT**

*Hazardous Waste Bureau*  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505-6303  
Telephone (505) 428-2500

Fax (505) 428-2567

[www.nmenv.state.nm.us](http://www.nmenv.state.nm.us)



**BILL RICHARDSON**  
GOVERNOR



**RON CURRY**  
SECRETARY

October 13, 2006

**RE: FINAL DECISION AND RESPONSE TO PUBLIC COMMENT ON THE  
REMEDY SELECTION FOR SOLID WASTE MANAGEMENT UNIT 16-021(c)  
LOS ALAMOS NATIONAL LABORATORY**

Dear Interested Citizen:

On October 13, 2006, the Secretary of the Environment Department (Department) approved a remedy selection for solid waste management unit (SWMU) 16-021(c) at Los Alamos National Laboratory (LANL). The description, history, and details of the remedy for SWMU 16-021(c) can be found in the fact sheet on the Department's web page at [www.nmenv.state.nm.us/hwb/lanlperm.html](http://www.nmenv.state.nm.us/hwb/lanlperm.html).

LANL is owned by the U.S. Department of Energy (DOE), and is co-operated by the DOE and the Los Alamos National Security, LLC (collectively, the "Permittees"). The Permittees' primary contact for this action is: Mr. Lance Woodworth, DOE/National Nuclear Security Administration, Los Alamos Site Office, 528 35<sup>th</sup> Street, Mail Stop A316, Los Alamos, New Mexico, 87544.

The Department issued a public notice with its intent to select a remedy on May 15, 2006, initiating a public comment period that ended on July 14, 2006. Based on the administrative record for this matter, and the comments received during the public comment period, and pursuant to Section VII.D.7 of the March 1, 2005 Compliance Order on Consent ("Order"), the Department selected the following remedy: (1) soil removal and off-site treatment and disposal of contaminated soil and tuff at the outfall source area; (2) pressure injection of a clay-based grout into boreholes that intersect the surge bed and extension of the existing cap in the pond area; and (3) installation of permeable reactive barriers ("PRB") and storm water filters to treat the sediment, surface water, and alluvial groundwater. The Department will require the installation of an initial PRB (i.e., pilot test) to determine its effectiveness before installing the remaining PRBs.

In accordance with Section 20.4.1.901.A(9) NMAC, the Department is issuing its responses to public comment at the same time as the final decision. The Department's responses to public comment are available to the public on the Department's web page at [www.nmenv.state.nm.us/hwb/lanlperm.html](http://www.nmenv.state.nm.us/hwb/lanlperm.html) under SWMU 16-021(c) Remedy Selection. The responses include changes made to the remedy based on public comment.

Sincerely,

A handwritten signature in black ink, appearing to read "James Bearzi".

James Bearzi  
Chief  
Hazardous Waste Bureau



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New Mexico Environment Department  
 Hazardous Waste Bureau  
 2905 Rodeo Park Drive East, Building 1  
 Santa Fe, New Mexico 87505-6303



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10/16/2008

Mailed From 87505

US POSTAGE

Pamela Allen  
 NMED - HWB  
 2905 Rodeo Park Dr. East, Bldg 1  
 Santa Fe, NM 87505



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