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NEW MEXICO  
ENVIRONMENT DEPARTMENT



ENTERED



*Hazardous Waste Bureau*

2905 Rodeo Park Drive East, Building 1

Santa Fe, New Mexico 87505-6303

Phone (505) 476-6000 Fax (505) 476-6030

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

BILL RICHARDSON  
Governor

DIANE DENISH  
Lieutenant Governor

RON CURRY  
Secretary

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Deputy Secretary

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

September 22, 2010

George J. Rael  
Federal Project Director  
Los Alamos Site Office  
Department of Energy, NNSA  
3747 West Jemez Road  
Los Alamos, NM 87544

Michael J. Graham  
Associate Director Environmental Programs  
Los Alamos National Security, L.L.C.  
P.O. Box 1663, MS M991  
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFCATIONS  
INVESTIGATION REPORT FOR SITES AT TECHNICAL AREA 49 OUTSIDE  
THE NUCLEAR ENVIRONMENTAL SITE BOUNDARY, REVISION 1  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID #NM0890010515  
HWB-LANL-09-020**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C. (LANS) (collectively, the Permittees) *Response to the Notice of Disapproval (NOD) and the Investigation Report for Sites at Technical Area 49 Outside the Nuclear Environmental Site Boundary, Revision 1* (Report), dated September 2010 and referenced by LA-UR-10-6033/EP2010-0377. NMED has reviewed the Permittees NOD response and revised Report, and hereby issues this Approval with the following modifications.

1. As referenced on page 1 of the NOD, Permittees' Response to NMED Comment #1, the Permittees must submit a work plan to determine background concentrations of inorganic chemicals in stratigraphic unit Qbt 4 by **December 17, 2010**.

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2. The Permittees propose to submit a Phase II work plan for additional field investigation activities at AOC 49-002, SWMU 49-005(a), and SWMU 49-004 (see pages 64 – 65 of the Report). The Permittees must submit the work plan no later than **February 28, 2011**.

Please contact Dave Cobrain of my staff at (505) 476-6055 should you have any questions.

Sincerely,



James P. Bearzi  
Chief  
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB  
D. Cobrain, NMED HWB  
N. Dhawan, NMED HWB  
M. Dale, NMED HWB  
T. Skibitski, NMED DOE OB  
S. Yanicak, NMED DOE OB, MS J993  
L. King, EPA 6PD-N  
S. Veenis, EP-CAP, MS M992  
D. Rhodes, DOE LASO, MS A316

File: LANL, IR for Sites TA-49 Outside the NES Boundary, Rev 1, Sept 2010