



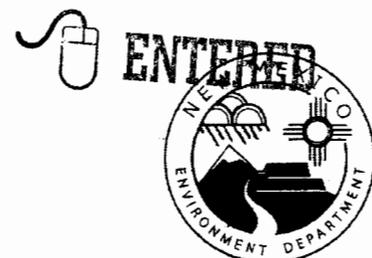
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21  
NEW MEXICO  
ENVIRONMENT DEPARTMENT

*Hazardous Waste Bureau*

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DAVE MARTIN  
Secretary

BUTCH TONGATE  
Deputy Secretary

JAMES H. DAVIS, Ph.D.  
Director  
Resource Protection Division

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 31, 2012

Peter Maggiore  
Assistant Manager, Env. Projects Office  
Los Alamos Site Office, DOE  
3747 West Jemez Rd, MS A316  
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 MODIFICATIONS  
PLUGGING AND ABANDONMENT SUMMARY REPORTS FOR 14 WELLS  
AND BOREHOLES AT LOS ALAMOS NATIONAL LABORATORY FOR 2011  
COMMITMENT  
EPA ID#NM0890010515  
HWB-LANL-12-021**

Dear Messrs Maggiore and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and Los Alamos National Security, L.L.C.'s (collectively, the Permittees) documents entitled *Plugging and Abandonment Summary Report for Wells and Boreholes SHB-1, SHB-, 3 SHB- 4, TH-5, TH-6, Beta Hole, H-19, TA-21 Distillation Hole, TW-3, and USGS Test Hole and Plugging and Abandonment Summary Report for Test Holes TH-1, TH-2, TH-3, and TH-5 at Technical Area 49* (Reports) dated March 2012 and referenced by EP2012-0059 and March 2012 and referenced by EP2012-0076, respectively. The Reports were received on April 2, 2012. NMED has reviewed the Reports, and hereby issues this approval with the following modifications.



**1. General Comment:**

The Permittees' cover letter, referencing the Reports, states that the remaining 10 wells and boreholes to be plugged and abandoned are planned to be completed in calendar year 2012. NMED approves the completion of the remaining wells and boreholes in calendar year 2012. With respect to documenting the plugging and abandonment of the 10 remaining wells and boreholes, the Permittees must submit completion summary reports (one combined document) to NMED by **March 29, 2013**.

**2. Plugging and Abandonment Summary Report for Wells and Boreholes SHB-1, SHB-3, SHB- 4, TH-5, TH-6, Beta Hole, H-19, TA-21 Distillation Hole, TW-3, and USGS Test Hole, Section 3.5 TA-21 Distillation Hole, Second Paragraph, Page 7:**

As stated in this section, water samples were collected from the TA-21 Distillation Hole and submitted for laboratory analyses. Based on these data, it was determined that the source of the water was precipitation runoff. These data were not included in the Report. The Permittees must submit these data in table format (hard copies with electronic files) in a letter to NMED by **August 17, 2012**.

Messrs. Maggiore and Graham  
July 31, 2012  
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Please contact Michael Dale at (505) 661-2673 if you have questions.

Sincerely,



John E. Kieling  
Chief  
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB  
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File: Reading and LANL 2012 – Summary Reports P & A of Wells and Boreholes