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TA21

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ENVIRONMENT DEPARTMENT

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ENTERED



RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 3, 2009

David Gregory
Federal Project Director
Los Alamos Site Office
Department of Energy
3747 West Jemez Road, Mail Stop A316
Los Alamos, NM 87544

David McInroy
Remediation Services Deputy Project Director
Los Alamos National Laboratory
Environmental Programs, MS M992
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS
VADOSE ZONE SUBSURFACE CHARACTERIZATION AND VAPOR-
MONITORING WELL INSTALLATION WORK PLAN FOR MATERIAL
DISPOSAL AREA V, CONSOLIDATED UNIT 21-018(a)-99
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-08-019**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received the Department of Energy (DOE) and the Los Alamos National Laboratory's, L.L.C.'s (LANS) (collectively, the Permittees) *Response to the Notice of Disapproval for the Vadose Zone Subsurface Characterization and Vapor-Monitoring Well Installation Work Plan for Material Disposal Area V, Consolidated Unit 21-018(a)-99, Revision 1* (Response) dated August 2009 and referenced by LA-UR-09-5022/EP2009-0357 and the *Vadose Zone Subsurface Characterization and Vapor-Monitoring Well Installation Work Plan for Material Disposal Area V, Consolidated Unit 21-018(a)-99, Revision 1* (Plan), dated August 2009 and referenced by LA-UR-09-5021/EP2009-0380. The NMED has reviewed the Response and the Plan and hereby issues this Approval for both documents with the following modification.

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1. Table 1, MDA V Proposed Drilling Schedule, page 9:

NMED Comment: The footnote at the bottom of Table 1 states “[t]he sampling report dates are approximate and depend upon the actual well completion date.” NMED does not approve this ‘floating’ due date. The Permittees must submit the quarterly vapor-monitoring reports for borehole 21-24524 by the dates proposed in Table 1 of the Plan: **1st Quarter – January 2, 2010; 2nd Quarter – April 2, 2010; 3rd Quarter – July 2, 2010; and 4th Quarter – October 2, 2010.** In addition to the current quarter’s sampling data, the Permittees must include analytical data from the three previous monitoring events in each report, when applicable, in accordance with Section XI.D.11 of the March 1, 2005 Order on Consent (Order).

All submittals (including maps) must be in the form of two paper copies and one electronic copy in accordance with Section XI.A of the Order.

Please contact Kathryn Roberts at (505) 476-6041 should you have any questions.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
K. Roberts, NMED HWB
S. Yanicak, NMED DOE OB, MS M894
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File: Reading and LANL 2009 TA-21 (SWMU 21-018(a)-99)