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Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 11, 2008

David Gregory
Federal Project Director
Los Alamos Site Office
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

David McInroy
Remediation Services Deputy Project Director
Los Alamos National Laboratory
P.O. Box 1663, MS M992
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS
WORK PLAN FOR THE IMPLEMENTATION OF AN IN SITU SOIL-VAPOR
EXTRACTION PILOT STUDY AT TECHNICAL AREA 54, MATERIAL
DISPOSAL AREA G, REVISION 1
LOS ALAMOS NATIONAL LABORATORY (LANL),
EPA ID #NM0890010515
HWB-LANL-MISC**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Work Plan for Implementation of an In Situ Soil-Vapor Extraction Pilot Study at Technical Area 54, Material Disposal Area G, Revision 1*, dated May 2008 and referenced by LA-UR-08-3174/EP2008-0236. NMED has reviewed this document and hereby issues this approval with the following modifications.

1) Section 3.0, SVE Pilot Study Scope, page 8, paragraph 5:

Permittees' Statement: "After completion of the SVE pilot test, the shallow and deep extraction boreholes will be abandoned with a type II Portland cement and bentonite slurry per EP-ERSS-5034."

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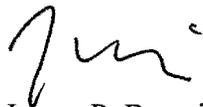
NMED Comment: The extraction boreholes must remain open following the SVE pilot tests unless abandonment is approved by NMED. These extraction boreholes could potentially be used for vapor-extraction or monitoring in the future. Additionally, the Permittees must ensure that boreholes are covered so that surface water run-on cannot infiltrate the open borehole.

2) Section 5.0, Schedule, page 9:

NMED Comment: NMED agrees with the Permittees proposed schedule for submittal of a status report for the second pilot test 14 days following completion of fieldwork conducted from August 1, 2008 through September 30, 2008. However, because the results of the SVE pilot test from August 1, 2008 through August 30, 2008 are crucial to the evaluation of the Corrective Measures Evaluation (CME) for MDA G, the Permittees must submit a status report documenting the results of the SVE pilot test conducted from August 1, 2008 through August 30, 2008 no later than September 15, 2008. Results of the VOC concentration rebound after the second pilot test may be included in the final MDA G Pilot Test Report. Additionally, the Permittees must submit a status report for the first pilot test no later than August 15, 2008.

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 J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
G. Rael, DOE LASO, MS A316
S. Stiger, ENV MS J591
file: Reading and LANL'08, TA-54 (SWMU 54-013(b)-99)