

TAXI



NEW MEXICO ENVIRONMENT DEPARTMENT



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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 23, 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 MODIFICATION FOR THE STATUS REPORT FOR SUPPLEMENTAL SAMPLING AT MATERIAL DISPOSAL AREA A, TECHNICAL AREA 21, LOS ALAMOS NATIONAL LABORATORY (LANL), EPA ID #NM0890010515 HWB-LANL-07-041

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 LLC's (LANS) (collectively, the Permittees) Status Report for Supplemental Sampling at Material Disposal Area A, Technical Area 21, dated December 2007 and referenced by LA-UR-07-8107/EP2007-0748. NMED has reviewed this document and hereby issues this Approval with the following modification.

Specific Comments:

- 1. Section 3.4.2, MDA A Subsurface Vapor Data, Tritium, page 6, paragraph 2:

Permittees' Statement: "Tritium results from 2007 are over an order of magnitude lower than the levels measured at the same locations in 2006."



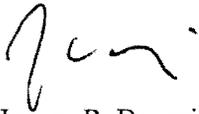
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NMED Comment: Due to the significant variation of detected volatile organic compound (VOC) and tritium concentrations from 2006 to 2007, the Permittees must conduct quarterly vapor-monitoring for VOCs and tritium at the same boreholes (BH-3, BH-5, BH-8, BH-11, BH-12, and BH-15) and from the same sampling intervals as those from the 2006 and 2007 vapor-sampling events. Subsurface vapor samples must be collected in SUMMA canisters for VOC analysis and in silica gel cartridges for tritium analysis using the same methods used in the previous two sampling events. Additional vapor-monitoring data will provide a more accurate assessment of vapor-phase contamination at MDA A, and reveal any trends in contaminant concentrations over time. The Permittees must submit periodic monitoring reports within 45 days of completion of vapor sampling. The Permittees must follow the reporting procedures in accordance with Section XI.D of the March 1, 2005 Order on Consent (Order).

Other than the requirements for vapor-monitoring described above, characterization and investigation activities at MDA A are complete. The Permittees must submit a Corrective Measures Evaluation (CME) Report for MDA A no later than September 1, 2008.

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

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc:

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File: Reading and LANL '08, TA-21 (SWMU 21-014)