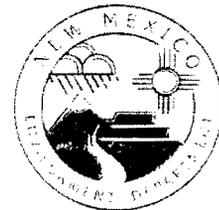


TA21

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau



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Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

February 9, 2009

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 Security, L.L.C.
P.O. Box 1663, MS M992
Los Alamos, NM 87545

**RE: RESPONSE TO
FIFTEEN-DAY SAMPLING NOTIFICATION, SOLID WASTE MANAGEMENT
UNIT 21-014, MATERIAL DISPOSAL AREA A, AND CONSOLIDATED UNIT
21-016(a)-99, MATERIAL DISPOSAL AREA T, AT TECHNICAL AREA 21
EPA ID #NM0890010515
HWB-LANL-08-023**

Dear Messrs. Gregory and McInroy:

The New Mexico Environmental Department (NMED) is in receipt of the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees), letter *Fifteen-Day Sampling Notification, Solid Waste Management Unit 21-014, Material Disposal Area A, and Consolidated Unit 21-06(a)-99, Material Disposal Area T, at Technical Area 21* (Sampling Notification) dated January 26, 2009 and referenced by EP2009-0039. This Response is in regard to the sampling at Material Disposal Area A (MDA A).

NMED required the Permittees to conduct quarterly vapor-monitoring for VOCs and tritium at bore hole 8 (BH-8) (21-26593) in a letter dated February 19, 2008. To date, NMED is unaware that any vapor monitoring has been conducted at MDA A. The Permittees must nevertheless conduct vapor-monitoring in accordance with the procedures outlined in the *Approval with Modification to the Status Report for the Supplemental Sampling at Material Disposal Area A*,

30365



SCANNED

Messrs. Gregory and McInroy
February 9, 2009
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Technical Area 21 (Approval with Modifications) dated January 23, 2008. According to the Sampling Notification, the sampling of BH-8 begins on February 9, 2009. Based on this start date, the Permittees must perform quarterly vapor-monitoring in May 2009, August 2009, November 2009 and every quarter following these dates until otherwise notified by NMED. As per the Approval with Modifications, the Permittees must submit quarterly monitoring reports within 45 days of completion of each quarterly vapor sampling field activity. The Permittees must follow the reporting procedures described in Section XI.D of the March 1, 2005 Order on Consent (Order). The Permittees must submit a report for the first round of quarterly vapor-monitoring to NMED by April 16, 2009. Additionally, the Permittees must clarify where soil samples are to be collected during the February 9, 2009 sampling event either by email or a letter.

NMED will evaluate the need for additional vapor-monitoring locations after review of the revised Corrective Measures Evaluation Report due February 27, 2009. Any vapor-monitoring locations added to MDA A must be included in all subsequent quarterly monitoring.

Please contact Kristen Van Horn (505-476-6046), 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
- M. Graham, ENV MS J591
- file: Reading and LANL'09, TA-21 SWMU 21-014