



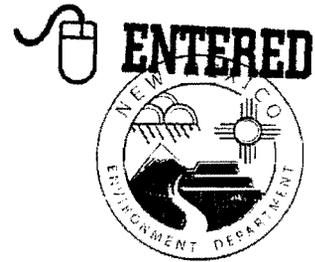
BILL RICHARDSON
Governor

DIANE DENISH
Lieutenant Governor

TASY
NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 29, 2009

David Gregory
Federal Project Director
Los Alamos Site Office
Department of Energy
3747 West Jemez Rd, MS 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: REVIEW OF THE PERIODIC MONITORING REPORT FOR VAPOR-SAMPLING ACTIVITIES AT MATERIAL DISPOSAL AREA H, SOLID WASTE MANAGEMENT UNIT 54-004, AT TECHNICAL AREA 54, THIRD QUARTER FISCAL YEAR 2009
LOS ALAMOS NATIONAL LABORATORY EPA ID No: NM0890010515
HWB-LANL-09-043**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) has received the United States Department of Energy and the Los Alamos National Security, LLC (collectively, the Permittees) *Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area H, Third Quarter Fiscal Year 2009* (PMR), dated September, 2009 and referenced by LA-UR-09-5447/EP2009-0411.

Volatile organic compounds continue to be present in the subsurface at Material Disposal Area (MDA) H. Toluene was detected at higher concentrations in borehole 54-15462 during the second and third quarters of fiscal year (FY) 2009 as compared to the two previous quarters. Detected concentrations of tritium were significantly higher in borehole 54-01023 during the third quarter FY 2009 than were observed during previous three monitoring events.



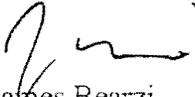
Messrs. Gregory and McInroy

September 29, 2009

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The Permittees must continue to collect quarterly subsurface vapor samples from the three existing boreholes at MDA H. Please contact Neelam Dhawan of my staff at (505) 476-6042 should you have any questions.

Sincerely,



James Bearzi

Chief

Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
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File: Reading and LANL/TA 54/54-004, 2009