



SUSANA MARTINEZ  
Governor

JOHN A. SANCHEZ  
Lieutenant Governor

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**NEW MEXICO  
ENVIRONMENT DEPARTMENT**

*Hazardous Waste Bureau*

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DAVE MARTIN  
Cabinet Secretary

RAJ SOLOMON, P.E.  
Deputy Secretary

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

January 24, 2011

George J. Rael, Assistant Manager  
Environmental Projects Office  
Los Alamos Site Office  
U.S. Department of Energy  
3747 West Jemez Road, MS A316  
Los Alamos, NM 87544

Michael Graham  
Associate Director Environmental Programs  
Los Alamos National Security, L.L.C.  
P.O. Box 1663, MS 991  
Los Alamos, NM 87545

**RE: PERIODIC MONITORING REPORT FOR VAPOR-SAMPLING  
ACTIVITIES AT MATERIAL DISPOSAL AREA T  
CONSOLIDATED UNIT 21-016(a)-99, AT TECHNICAL AREA 21  
JANUARY TO MARCH 2010  
LOS ALAMOS NATIONAL LABORATORY (LANL)  
EPA ID #NM0890010515  
HWB-LANL-10-050**

Dear Messrs. Rael and Graham:

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) *Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area T, Consolidated Unit 21-016(a)-99, at Technical Area 21, January to March 2010*, dated July 2010 and referenced by LA-UR-10-3952/EP2010-0291 (PMR).

The data in the PMR indicate that volatile organic compounds and tritium continue to be present in the subsurface. The Permittees must continue the quarterly sampling schedule for all ports in all vapor monitoring wells until a final remedy is selected. NMED will reevaluate the monitoring frequency at MDA T at that time.

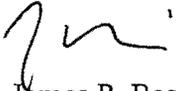
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Please contact Ben Wear at (505) 476-6041 should you have any questions.

Sincerely,



James P. Bearzi  
Chief  
Hazardous Waste Bureau

cc:

J. Kieling, NMED HWB  
D. Cobrain, NMED HWB  
N. Dhawan, NMED HWB  
B. Wear, NMED HWB  
S. Yanicak, NMED DOE OB, MS J993  
T. Skibitski, NMED DOE OB  
L. King, EPA 6PD-N  
V. George, EP-CAP, MS M992  
L. Woodworth, DOE-LASO, MS A316

File: LANL '10, MDA T