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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**

August 2, 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  
SECOND QUARTER FISCAL YEAR 2011  
LOS ALAMOS NATIONAL LABORATORY (LANL)  
EPA ID #NM0890010515  
HWB-LANL-11-051**

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, Second Quarter Fiscal Year 2011*, dated July 2011 and referenced by LA-UR-11-3839/EP2011-0216 (PMR).

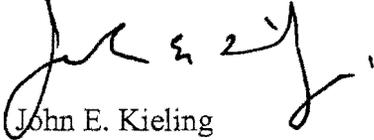
The data in the PMR indicate that volatile organic compounds and tritium continue to be present in the subsurface. The Permittees must continue quarterly sampling of all ports in all vapor monitoring wells at MDA T per the requirements outlined in the *MDA T Subsurface Vapor-Monitoring Plan for Material Disposal Area T at Technical Area 21* and the associated NMED approval with modifications (LANL 2007, 098944; NMED 2007, 098946) and the approved *MDA T Phase III Investigation Work Plan for Material Disposal Area T, Consolidated Unit 21-016(a)-99* and associated NMED correspondence (LANL 2009, 105645; NMED 2009, 105691; NMED 2009, 106455) 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,



John E. Kieling  
Acting Chief  
Hazardous Waste Bureau

cc:

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  
B. Wedgeworth, EP-TA-21, MS C349  
E. Worth, DOE-LASO, MS A316  
P. Maggiore, DOE-LASO, MS A316  
File: LANL '11, TA-21, MDA T