



SUSANA MARTINEZ  
Governor

JOHN A. SANCHEZ  
Lieutenant Governor

**NEW MEXICO  
ENVIRONMENT DEPARTMENT**

***Hazardous Waste Bureau***

**2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505-6303  
Phone (505) 476-6000 Fax (505) 476-6030  
[www.nmenv.state.nm.us](http://www.nmenv.state.nm.us)**

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RYAN FLYNN  
Cabinet Secretary

BUTCH TONGATE  
Deputy Secretary

TOM BLAINE, P.E.  
Director  
Environmental Health Division

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

EP2014-5063

March 13, 2014

Peter Maggiore, Assistant Manager  
Environmental Projects Office  
Los Alamos Field Office, DOE  
3747 West Jemez Rd, MS A316  
Los Alamos, NM 87544

Jeffrey D. Mousseau, Associate Director  
Environmental Programs  
Los Alamos National Security, L.L.C.  
P.O. Box 1663, MS M991  
Los Alamos, NM 87545

**RE: SECOND EXTENSION REQUEST FOR WATER APPLICATION TO BERMED  
AREA AND THE INSTALLATION AND INSTRUMENTATION OF SIX  
BOREHOLES AT TECHNICAL AREA 21 FOR VADOSE ZONE MOISTURE  
MONITORING  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID#NM0890010515  
HWB-LANL-14-GW-MISC**

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and Los Alamos National Security, L.L.C.'s (collectively, the Permittees) document entitled *Request for Extension for Water Application to Bermed Area and the Installation and Instrumentation of Six Boreholes at Technical Area 21 for Vadose Zone Moisture Monitoring* (Request) dated January 13, 2014 and referenced by EP2014-003.

The Permittees request the extension to complete the installation and instrumentation of six boreholes to monitor vadose zone moisture content and the water application to the bermed area for the purpose of evaluating water infiltration at Technical Area (TA) 21 in order to continue focusing efforts on accelerating the shipment of aboveground transuranic waste to the Waste Isolation Pilot Plant. This is the second extension to complete the installation and instrumentation of six boreholes to monitor vadose zone

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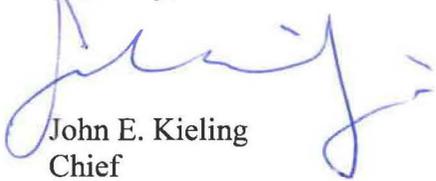
moisture content and the water application to the bermed area for the purpose of evaluating water infiltration at TA 21 (the previous extension was granted on November 21, 2011).

The completion of the water application and the installation of the six boreholes with instrumentation are hereby postponed from January 31 and July 31, 2014 to **June 30 and December 31, 2014**, respectively, as requested.

NMED is concerned over delays that affect the progress of groundwater characterization and remediation; however, NMED is aware of the current uncertainties associated with the allocation of DOE resources to the Permittees to fund groundwater monitoring and cleanup at the Laboratory. The Permittees must notify NMED, within seven days of receipt of such information, should funds become available in the future that allow the water application to the bermed area and the installation of the six boreholes with instrumentation to be completed prior to the specified completion dates. If funding becomes available, NMED may re-evaluate the deadline for completion of this project.

Should you have any questions, please contact Ben Wear of my staff at (505) 476-6041.

Sincerely,



John E. Kieling  
Chief  
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB  
N. Dhawan, NMED HWB  
M. Dale, NMED HWB  
J. Kulis, NMED HWB  
J. Schoepner, NMED GWQB  
S. Yanicak, NMED DOE OB, MS M894  
L. King, EPA 6PD-N  
H. Shen, DOE-LASO, MS A316  
S. Swickley, EP-CAP, MS A992

File: Reading and LANL 2014 – Groundwater, TA-21 Vadose Zone Moisture Monitoring

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New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Bldg.1  
Santa Fe, New Mexico 87505-6030

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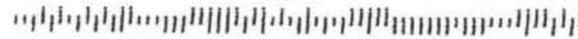
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Jeffrey D. Mousseau, Associate Director  
Environmental Programs  
Los Alamos National Security, LLC  
P.O. Box 1663, MS ~~M991~~  
Los Alamos, New Mexico 87545

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NAME *Laura L. Rice*  
Z# *113017*  
DATE *3-17-14*

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