



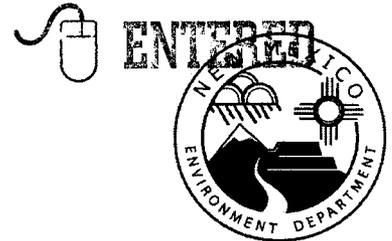
SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

21
**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

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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

March 13, 2014

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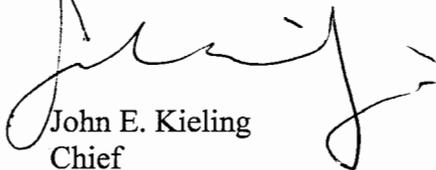
moisture content and the water application to the bermed area for the purpose of evaluating water infiltration at TA 21 (the previous extension was granted on November 21, 2011).

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