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Governor

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NEW MEXICO
ENVIRONMENT DEPARTMENT



ENTERED



DAVE MARTIN
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Deputy Secretary

Hazardous Waste Bureau

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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 8, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office, DOE
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Michael J. Graham
Associate Director, Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS
COMPLETON REPORT FOR REGIONAL AQUIFER WELL R-53
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-10-073**

Dear Messrs Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and the Los Alamos National Security (LANS), L.L.C.'s (collectively, the Permittees) document entitled *Completion Report for Regional Aquifer Well R-53* (Report) dated August 2010 and referenced by EP2010-0305. NMED hereby approves the Report with the following modifications.

- Section 8.1.1, Well Development Field Parameters, page 10, first paragraph:**
The Permittees collected field parameters without the use of a flow-through cell, allowing the samples to be exposed to the atmosphere. In the future, the Permittees must use a flow-through cell when measuring field parameters.
- Appendix B, Section B-1.2.1, Well Development, page B-2:**
The Permittees state that field measurements of specific conductivity for the upper screen and turbidity for the lower screen are likely inaccurate due to suspected instrument malfunctions. In the future, either increase the frequency of calibration

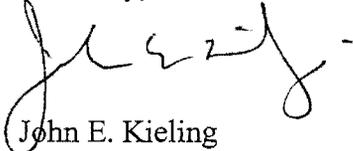


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checks for field instruments or measure field parameters simultaneously with two instruments in order to assure the accuracy of all measurements.

No revision of the Report is necessary. Should you have any questions or comments, please contact Jerzy Kulis at (505) 476-6039.

Sincerely,



John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
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