



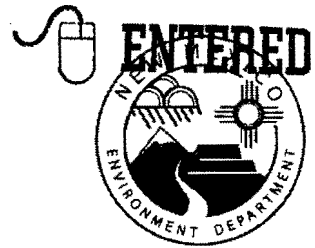
SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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DAVE MARTIN
Cabinet Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 14, 2011

George J. Rael
Assistant Manager
U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
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: REVIEW
PERIODIC MONITORING REPORT FOR MORTANDAD AND SANDIA
WATERSHEDS, MAY 3 – MAY 19, 2010
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-094**

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 Mortandad and Sandia Watersheds, May 3 – May 19, 2010* dated November 2010 and referenced by LA-UR-10-6041 / EP2010-0394 (Report). NMED has reviewed the Report and provides the following comments.

1. NMED noted that the Permittees provided explanations for NMED's comments on previous Periodic Monitoring Reports as requested.
2. NMED noted a substantially elevated value for filtered specific conductance (19,600 $\mu\text{S}/\text{cm}$), sampled on May 3, 2010, compared to historical values for

34237

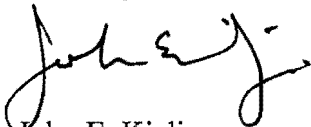


Messrs. Rael and Graham
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specific conductance (270-333 $\mu\text{S}/\text{cm}$) at location TS-1W. The Permittees must evaluate the reported result and provide an explanation for the elevated value in the next Periodic Monitoring Report.

The next submittal must reference this Report and all applicable page and table numbers. Please contact Pat Stewart at (505) 476-6059 should you have any questions.

Sincerely,



John E. Kieling
Program Manager
Permits Management Program
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
M. Dale, NMED HWB
J. Kulis, NMED HWB
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L. King, EPA 6PD-N
File: Reading and LANL 2010 – Mortandad and Sandia Watersheds PMR