

TASO

NEW MEXICO
ENVIRONMENT DEPARTMENT

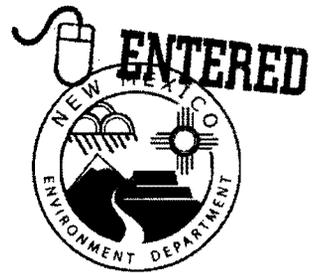
Hazardous Waste Bureau

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Governor

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Lieutenant Governor

RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

October 22, 2010

George J. Rael
Federal Project Director
Environmental Projects Office
US 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 OF PERIODIC MONITORING REPORT FOR WHITE ROCK
WATERSHED, MARCH 22 – MARCH 26, 2010
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-064**

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 White Rock Watershed, March 22 – March 26, 2010* dated August 2010 and referenced by LA-UR-10-4826/EP2010-0323 (PMR). NMED has reviewed the PMR and provides the following comments.

NMED noted that aluminum was detected at 271 µg/L in the unfiltered water sample collected from Spring 4C while aluminum was detected at 1040 µg/L in the filtered water sample collected from the same source. Concentrations of iron, lead, and manganese in the unfiltered and filtered water samples were similarly inverted: 316:1280 µg/L, 0.505:0.987 µg/L, and 6.03:17.5 µg/L respectively. Concentrations of other metals in the unfiltered and filtered water samples were nearly equivalent. The Permittees must verify



Messrs. Rael and Graham
October 22, 2007
Page 2

the sample identification of the two water samples collected at Spring 4C and explain the discrepancy in metal concentrations between filtered and unfiltered water samples collected at that spring. The Permittees' explanations must be included in the next Periodic Monitoring Report submittal. 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 *for*
Program Manager
Permits Management Program
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
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File: Reading and LANL 2010 and Pajarito Watershed PMR