



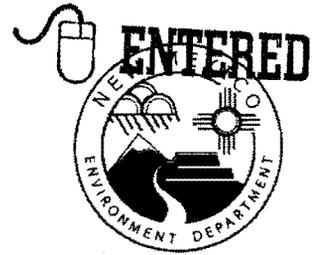
SUSANA MARTINEZ  
Governor

JOHN A. SANCHEZ  
Lieutenant Governor

NEW MEXICO  
ENVIRONMENT DEPARTMENT

*Hazardous Waste Bureau*

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DAVE MARTIN  
Secretary

RAJ SOLOMON, P.E.  
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 13, 2011

George J. Rael, Assistant Manager  
Environmental Projects Office  
U.S. Department of Energy/National  
Nuclear Security Administration  
Los Alamos Site Office  
3747 West Jemez Road, 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 MODIFICATION  
PERIODIC MONITORING REPORT FOR ANCHO WATERSHED,  
SEPTEMBER 9-SEPTEMBER 27, 2010  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID #NM0890010515  
HWB-LANL-11-011**

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 Ancho Watershed, September 9-September 27, 2010* (Report), dated February 2011 and referenced by LA-UR-11-0192/EP2011-0025. NMED has reviewed the Report and hereby issues this approval with the following modification.



Messrs. Rael and Graham

June 13, 2011

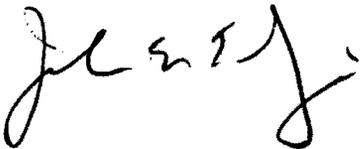
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**1) Appendix A (Field Parameter Results, Including Results from Previous Four Monitoring Evens if Available):**

**NMED Comment:** The table provides dissolved oxygen data for the sampling locations. Surface and groundwater samples reported dissolved oxygen (DO) concentrations of 9.75, 9.92, 8.49, 8.69, 10.96, 10.75, and 10.18. These DO values exceed saturated conditions at sea level. These values are likely the result of a calibration error. Evaluate these values and address this issue and make the appropriate changes in the next periodic monitoring report.

Please contact David Cobrain at (505) 476-6055 if you have any questions.

Sincerely,



John E. Kieling  
Acting Chief  
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB  
N. Dhawan, NMED HWB  
S. Yanicak, NMED DOE OB, MS J993  
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File: 2011 LANL, Periodic Monitoring Report for Ancho Watershed, September 9-September 27, 2010 (dated February 2011)