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RON CURRY  
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JON GOLDSTEIN  
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 13, 2009

David Gregory  
Federal Project Director  
Los Alamos Site Office  
Department of Energy  
528 35<sup>th</sup> Street, Mail Stop A316  
Los Alamos, NM 87544

David McInroy  
Remediation Services Deputy Project Director  
Los Alamos National Laboratory  
P.O. Box 1663, MS M992  
Los Alamos, NM 87545

**RE: PERIODIC MONITORING REPORT FOR  
PAJARITO WATERSHED; JUNE 9-JUNE 25, 2008  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID #NM0890010515  
HWB-LANL-08-056**

Dear Messrs. Gregory and McInroy:

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 Pajarito Watershed, June 9 – June 25, 2008* (PMR), dated November 2008 and referenced by LA-UR-08-7191 and EP2008-0599.

NMED noted elevated nitrate concentrations in water samples from below the confluences of the South and North Anchor East Basin. elevated 1,1-dichloroethylene, 1,1,1-trichloroethylene and 1,4-dioxane concentrations at well 03-B-10, elevated 1,1,1-trichloroethylene and 1,4-dioxan concentrations at well 03-B-13 and elevated bis(2-ethylhexyl)phthalate concentrations in the groundwater sample obtained from well R-32. The concentrations of these constituents are at, or greatly exceed, applicable water quality standards.

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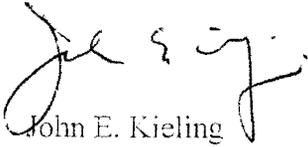


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NMED also noted that concentration versus time graphs for 1,1-dichloroethylene at well 03-B-10 (Figure 4.2-1) appear to be mislabeled since the same compound is illustrated on two different graphs for well 03-B-10 and the concentration axes of the graphs are different from each other. The Permittees must provide careful review of data used to present future Pajarito Watershed PMRs so that the documents accurately reflect site conditions.

Please contact Daniel Comeau at (505) 476-6043, should you have any questions.

Sincerely,



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

cc: D. Cobrain, NMED HWB  
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File: LANL Pajarito Canyon PMR June 2008