



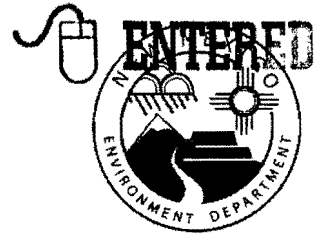
BILL RICHARDSON
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1403
**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

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RON CURRY
Secretary

SARAH COTTRELL
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 8, 2010

George J. Rael
Environmental Operations Manager
Los Alamos Site Office, Department of Energy
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Los Alamos, NM 87544

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

**RE: APPROVAL WITH MODIFICATION
DRILLING WORK PLAN FOR REGIONAL AQUIFER WELL R-62
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-MISC-GW**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and Los Alamos National Security, L.L.C.'s (collectively, the Permittees) document entitled *Drilling Work Plan for Regional Aquifer Well R-62* (Plan) dated October 29, 2010 and referenced by EP2010-0483.

NMED has reviewed the Plan and hereby issues this Approval with the following modifications.

1. If perched intermediate water is encountered during drilling of well R-62 in volume sufficient for sample collection, the Permittees must collect a groundwater screening sample and analyze it for metals and major ions. The preliminary results of the analyses must be provided to NMED within two business days after they become available.



2. In the Plan, the Permittees propose to install well R-62 as a single-screen well, which represents a deviation from the Sandia Canyon Phase II Investigation Work Plan (EP2010-0290) that states that well R-62 will be a double-screen well. The Permittees must install well R-62 as a double-screen well, in conformance with the Sandia Canyon Phase II Investigation Work Plan, with the upper screen located just below the water table and the lower screen located approximately 100 feet below the upper screen. The double-screen configuration will provide additional information on potential deep contaminant pathways, vertical hydraulic gradient, and hydrologic properties of different aquifer zones.

Well R-62 must be completed by **June 30, 2011**, as proposed in the Plan.

Should you have any questions, please contact Jerzy Kulis of my staff at (505) 476-6039.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:jk

cc: J. Kieling, NMED HWB
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