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**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

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JAMES H. DAVIS, Ph.D.
Director
Resource Protection Division

EP2012-5158

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 25, 2012

Peter Maggiore
Assistant Manager, Env. Projects Office
Los Alamos Site Office, DOE
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: REGIONAL AQUIFER WELL R-64
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-11-090**

Dear Messrs Maggiore 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 *Response to Approval with Modification for the Completion Report for Regional Aquifer Well R-64* (Response) dated May 18, 2012 and referenced by EP2012-0101. The Response was received on April 18, 2012.

In response to NMED's approval with modification (Approval) to the R-64 well completion report, letter dated March 30, 2012, the Permittees initiated the redevelopment at R-64 as an alternative to submittal of a rehabilitation work plan as directed in NMED's Approval. High turbidity at R-64 was the cause for these corrective actions. Data collected during redevelopment suggests that turbidity problems at R-64 may have been corrected and that the submittal of the rehabilitation work plan may not be necessary.

As a result of the redevelopment, the Permittees propose to place R-64 back on schedule for four additional full-suite characterization rounds of sampling starting June 2012.

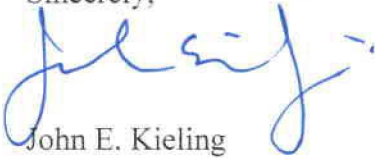
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Messrs. Maggiore and Graham
June 25, 2012
Page 2

NMED has reviewed the data collected during redevelopment and agrees with the Permittees' proposal to place R-64 back on schedule. The initial data from the well indicates that bentonite is likely present within the formation and filter pack, which may act as adsorption sites for trace metals, radionuclides, and organic compounds. In light of this, the Permittees' full-suite characterization sampling at R-64 must demonstrate that the well is capable of producing representative samples.

Please contact Michael Dale at (505) 661-2673 if you have questions.

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
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File: Reading and LANL 2012 – R-64 LANL Response to Approval Completion Report

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NAME Gavin L. Rice
Z# 113617
DATE 6.26.12

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