



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

**2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone (505) 476-6000 Fax (505) 476-6030
www.nmenv.state.nm.us**



DAVE MARTIN
Secretary

BUTCH TONGATE
Deputy Secretary

JAMES H. DAVIS, Ph.D.
Director
Resource Protection Division
EP2013-5007

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 21, 2012

Peter Maggiore
Assistant Manager, Env. Projects Office
Los Alamos Site Office, DOE
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Jeffrey D. Mousseau, Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATIONS
WORK PLAN TO RECONFIGURE WELL CdV-R-15-3
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-12-022**

Dear Messrs. Maggiore and Mousseau:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C.'s (collectively, the Permittees) document entitled *Work Plan to Reconfigure Well CdV-R-15-3* (Plan) dated November 27, 2012 and referenced by EP2012-0258.

NMED has reviewed the Permittees' Plan, and hereby issues this approval with the following modifications.

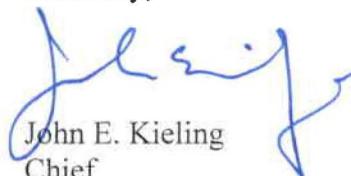
1. In order to provide better hydraulic separation between screens 4 and 5, the Permittees must increase the length of the cement plug an additional 5 feet. The cement plug must be set from 1315 to 1330 feet below ground surface (ft bgs), with 10/20 sand below the figure-K packer set from 1300 to 1315 ft bgs.

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2. In order to provide better hydraulic separation between screens 5 and 6, the Permittees must increase the length of the cement plug an additional 75 feet. The cement plug must be set from 1385 to 1510 ft bgs.
3. After reconfiguring the well, the Permittees must redevelop screen 4 by swabbing and pumping an adequate amount of groundwater so that turbidity and water chemistry at the screened interval are representative of the regional aquifer.

The Permittees are required to complete the reconfiguration of well CdV-R-15-3 no later than June 30, 2013 and submit a summary report of reconfiguration activities no later than **August 31, 2013**. Should you have any questions, please contact Michael Dale of my staff at (505) 661-2673.

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
B. Wear, NMED HWB
J. Kulis, NMED HWB
M. Dale, NMED HWB
T. Skibitski, NMED DOE OB
J. Schoeppner, NMED GWQB
S. Yanicak, NMED DOE OB, MS M894
L. King, EPA 6PD-N
S. Rydeen, San Ildefonso Pueblo
J. Chavarria, Santa Clara Pueblo
M. Everett, EP-ET, MS M992
D. Hickmott, EES-14, MS D462
J. McCann, EP-CAP, MS M992
S. Paris, EP-CAP, MS M992
C. Rodriguez, DOE-LASO, MS A316
H. Shen, DOE-LASO, MSA316
W. Woodworth, DOE-LASO, MS A316

File: Reading and LANL 2012, Work Plan Reconfigure Well CdV-R-15-3

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NAME [Signature]
Z# 099649
DATE 1/2/2013

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State of New Mexico
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Santa Fe, New Mexico 87505-6303

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Los Alamos National Security, LLC
Attn: Jeffrey D. Mousseau, Associate Director
Environment, Safety, Health & Quality
PO BOX 1663, MSM991
Los Alamos, NM 87545 MS-A150

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