



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**

ERID-524775



RYAN FLYNN
Cabinet Secretary

BUTCH TONGATE
Deputy Secretary

TOM BLAINE, P.E.
Director
Environmental Health Division

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

EP2014-5101

April 25, 2014

Peter Maggiore
Assistant Manager, Env. Projects Office
Los Alamos Field 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
WELL RECONFIGURATION OF CdV-R-37-2 FIELD SUMMARY REPORT
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-13-056**

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 "Well Reconfiguration of CdV-R-37-2 Field Summary Report" (Report) dated September 2013 and referenced by EP2013-0185. The Report was received on September 27, 2013. NMED has reviewed the Report and hereby issues this approval with the following modifications.

Hydrochemical and water-quality results (e.g., elevated iron and manganese) and field-parameter measurements (e.g., low dissolved oxygen) obtained from CdV-R-37-2 screen 2 during the first post-reconfiguration sampling event on September 20, 2013, indicate that the well screen does not produce representative samples or associated water-quality data. In its current condition, regional well CdV-R-37-2 cannot be used for contaminant detection monitoring or be included as part of the Technical Area 16 groundwater monitoring network. Therefore, the Permittees must submit a work plan to rehabilitate or restore the well screen so that representative samples

U1401335

and water-quality data can be collected. The Permittees must submit the required work plan to NMED by **June 12, 2014**.

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
J. Schoepner, NMED GWQB
T. Skibitski, NMED DOE OB
S. Yanicak, NMED DOE OB, MS M894
P. Longmire, NMED DOE OB, MS M894
L. King, EPA 6PD-N
R. Martinez, San Ildefonso Pueblo
J. Chavarria, Santa Clara Pueblo
J. McCann, EP-CAP, MS M992
W. Woodworth, DOE-NA-00-LA, MS A316
H. Shen, DOE-LASO, MSA316

File: Reading and LANL 2014, Groundwater, CdV-R-37-2

U1401335

From: [Schreiber, Arleen T](#) on behalf of [Mousseau, Jeffrey D](#)
To: [locatesteam](#)
Subject: FW: Letters to Messrs. Maggiore and Mousseau
Date: Monday, April 28, 2014 3:54:55 PM
Attachments: [LANL 2014 Groundwater, TA -16-260 CdV-16-4ip.pdf](#)
[LANL 2014 Groundwater CdV-R-37-2.pdf](#)

Please process for the record.

Thank you,

Arleen Schreiber
Environmental Programs
ADEP/BPS/REG/ET/ITP
63-0121-129 MS K788
665-3229
Arleen@lanl.gov

From: Martinez, Cynthia, NMENV [mailto:cynthia.martinez1@state.nm.us]
Sent: Monday, April 28, 2014 1:58 PM
To: pmaggiore@doeal.gov; Mousseau, Jeffrey D
Cc: Kieling, John, NMENV; Cobrain, Dave, NMENV; Dhawan, Neelam, NMENV; Wear, Benjamin, NMENV; Dale, Michael, NMENV; Schoeppner, Jerry, NMENV; Skibitski, Thomas, NMENV; Yanicak, Stephen M; Longmire, Patrick, NMENV; king.laurie@epa.gov; rmartinez@SanIpueblo.org; jchavarria@santaclarapueblo.org; McCann, John P; Woodworth, Woody; Shen, Hai
Subject: Letters to Messrs. Maggiore and Mousseau

Good Afternoon All,
Please see attachment.

Cynthia Martinez
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Bldg.1
Santa Fe, New Mexico 87505
Phone 505-476-6000

U1401335