



TA36

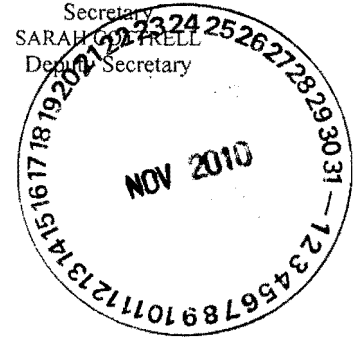
NEW MEXICO
ENVIRONMENT DEPARTMENT
Ground Water Quality Bureau



BILL RICHARDSON
Governor
DIANE DENISH
Lieutenant Governor

1190 St. Francis Drive
P.O. Box 5469, Santa Fe, NM 87502
Phone (505) 827-2918 Fax (505) 827-2965
www.nmenv.state.nm.us

RON CURRY
Secretary
SARAH G. PRELL
Deputy Secretary



CERTIFIED MAIL – RETURN RECEIPT REQUESTED

November 10, 2010

Jeffrey M. Casalina
Deputy Designated Federal Official (DDFO)
Office of Environmental Operations (OEO)
U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road MS A316
Los Alamos, NM 87544

Denny Hjeresen,
Acting ENV Division Director
Los Alamos National Security, LLC.
Los Alamos National Laboratory
P.O. Box 1663, MS J978
Los Alamos, NM 87544

SUBJECT: Spill Response Assessment and Closure of Release ID# 2010-278 Occurring at Monitoring Well R-54, reported to NMED on September 16, 2010

Dear Messrs. Casalina and Hjeresen:

On September 16, 2010, representatives of Los Alamos National Security, LLC (LANS) verbally reported an unauthorized discharge to the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) as required by 20.6.2.1203 NMAC of the Water Quality Control Commission (WQCC) Regulations. The report identified ground water in monitoring well R-54 with recently confirmed detection levels of iron at 1.94 mg/L which exceeds the WQCC standard of 1.0 mg/L and manganese at 0.216 mg/L which exceeds the WQCC standard of 0.200 mg/L. According to the report submitted by LANS, the source and extent for these exceedances is undetermined at this time. The depth at which the exceedances were confirmed in ground water is approximately 815 feet below ground surface (bgs). Monitoring well R-54 is associated with Pajarito Canyon, TA-36, at Los Alamos National Laboratory.

Corrective actions to address this release are being coordinated with the NMED Hazardous Waste Bureau (HWB) in accordance with the Compliance Order on Consent (Consent Order) proceeding under the New Mexico Hazardous Waste Act § 74-4-10 and the New Mexico Solid Waste Act § 74-9-36(D) between NMED and the United States Department of Energy and the Regents of the University of California for Los Alamos National Laboratory. Based on the information in the Release/Discharge Notification submitted by LANS to GWQB on September 22, 2010 in accordance with 20.6.2.1203 NMAC, and



Messrs. Jeffrey Casalina and Denny Hjeresen

November 10, 2010

p. 2

because corrective actions are being coordinated with the HWB under the Consent Order, no further action is required at this time for release ID#2010-278. Please continue to coordinate any additional corrective actions related to the release with the HWB.

The GWQB reserves the right to require additional corrective actions not already being required should LANS fail to complete corrective actions to the satisfaction of the HWB. Furthermore, nothing in this letter shall be construed as relieving the United States Department of Energy or LANS, of its obligation to comply with all other applicable federal, state, and local laws, regulations, permits or orders.

If you have any questions, please contact either Jennifer Fullam at (505) 827-2909 or George Schuman, Program Manager of the Ground Water Pollution Prevention Section, at (505) 827-2945.

Sincerely,

George Schuman for W. Olson

William C. Olson, Chief
Ground Water Quality Bureau

WO:JF

cc: Mr. Gene Turner, DOE/AIP/POC, U.S. Department of Energy, Los Alamos Site Office,
MS 16 528 35th Street, Los Alamos, NM 87545
Ms. Tori George, LANS/LANL-EP-RS, LLC P.O. Box 1663 MS M992 Los Alamos, New
Mexico 87545-0001
Tina Sandoval, LANS/ENV-RCRA/WQ, P.O. Box 1663, MS K490, Los Alamos, New
Mexico 87545-0001
Jake Meadows, LANS/ENV-RCRA/WQ, P.O. Box 1663, MS K490, Los Alamos, New
Mexico 87545-0001
Sonia Hall, U.S. EPA-R6, Water Enforcement Branch (6EN-WC), 1445 Ross Ave., Suite
1200, Dallas, TX 75202-2733
Jennifer Fullam, NMED/GWQB
Richard Powell, NMED/SWQB
Dave Cobrain, NMED/HWB
Steve Yanicak, NMED/DOE/OB
Erik Galloway, NMED/DOE/OB