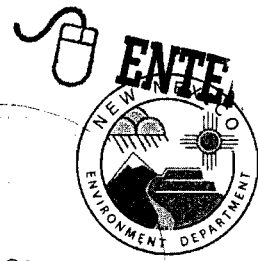




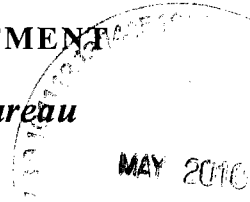
BILL RICHARDSON
Governor
DIANE DENISH
Lieutenant Governor

T A 35
NEW MEXICO
ENVIRONMENT DEPARTMENT
Ground Water Quality Bureau

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 COTTRELL
Deputy Secretary



CERTIFIED MAIL – RETURN RECEIPT REQUESTED

May 14, 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# 2010-255 Occurring at Monitoring Well MCO-2, discovered on March 24, 2010

Dear Messrs. Casalina and Hjeresen:

On March 24, 2010, representatives of Los Alamos National Security, LLC (LANS) 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 recently confirmed alluvial aquifer ground water with detection levels of fluoride at 8.75 mg/L and 8.48 mg/L which exceed the WQCC standard of 1.6 mg/L as well as detection levels of chloride at 3,300 mg/L and 2,750 mg/L which exceed the WQCC standard of 250 mg/L. The source of the exceedance is believed to be a result of snowmelt treatment on Pajarito Road. The depth at which the exceedance was confirmed in ground water is approximately two feet below ground surface (bgs). Monitoring well MCO-2 is located within Mortandad Canyon, Technical Area 35, 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

33596



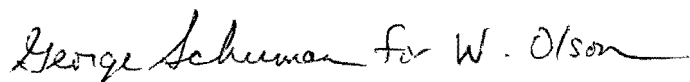
Messrs. Jeffrey Casalina and Denny Hjeresen
May 14, 2010
p. 2

LANS to GWQB on March 31, 2010 in accordance with 20.6.2.1203 NMAC, and because corrective actions are being coordinated with the HWB under the Consent Order, no further action is required at this time for release ID#2010-255. 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 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,



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
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Dave Cobrain, NMED/HWB
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Erik Galloway, NMED/DOE/OB