

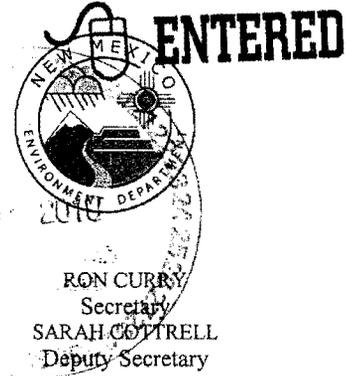


BILL RICHARDSON
Governor
DIANE DENISH
Lieutenant Governor

TASY
NEW MEXICO
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau

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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# 2010-253 Occurring at Monitoring Well R-40, discovered on March 15, 2010

Dear Messrs. Casalina and Hjeresen:

On March 16, 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 intermediate aquifer ground water with detection levels of manganese at 400 µg/L (0.400 mg/L) which is in exceedance of the WQCC standard of 0.2 mg/L. The source of the exceedance is unknown at this time but is believed by LANS to be completely contained within the intermediate aquifer and did not surface, cross over any Solid Waste Management Units nor did it enter any waterways. The depth at which the exceedance was confirmed in ground water is approximately 750 feet below ground surface (bgs). Monitoring well R-40 is located within Pajarito Canyon, Technical Area 54, 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

33597



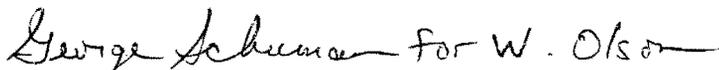
Messrs. Jeffrey Casalina and Denny Hjeresen
May 14, 2010
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LANS to GWQB on March 22, 2010 in accordance with 20.6.2.1203 NMAC, and because corrective actions are being coordinated with the HWB under the Consent Order, no further action is required at this time for release ID#2010-253. 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,



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
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