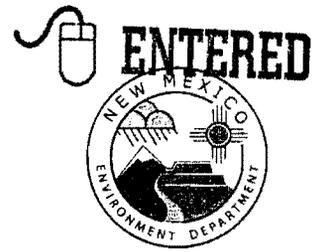




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NEW MEXICO  
ENVIRONMENT DEPARTMENT



*Ground Water Quality Bureau*

SUSANA MARTINEZ  
Governor

JOHN A. SANCHEZ  
Lieutenant Governor

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DAVE MARTIN  
Secretary

RAJ SOLOMON, P.E.  
Deputy Secretary

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

May 27, 2011

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

MAY 2011

**SUBJECT: Spill Response Assessment and Closure of Release ID# 2011-302 Occurring at Monitoring Well R-60, reported to NMED on April 11, 2011**

Dear Messrs. Casalina and Hjeresen:

On April 11, 2011, 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 ground water with recently confirmed detection levels of benzo(a)pyrene at 0.000851 mg/L which exceeds the WQCC standard of 0.0007 mg/L in regional aquifer monitoring well R-60 (located in Mortandad Canyon within Los Alamos National Laboratory with a depth to water of 1,330 feet). The source(s) of the exceedance was not identified in the report.

**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 April 15, 2011 in accordance with 20.6.2.1203 NMAC, and because corrective actions are being coordinated with the HWB under the Consent Order, no**

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Messrs. Jeffrey Casalina and Denny Hjeresen

May 27, 2011

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**further action is required at this time for release ID#2011-302. 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 35<sup>th</sup> 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