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National Nuclear Security Administration
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Date: JUN 15 2010
Refer To: EP2010-0280

James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Review of May 2010 Groundwater Data

Dear Mr. Bearzi:

Members of the Los Alamos National Laboratory Environmental Programs staff met on June 9, 2010, to review new groundwater data received in May 2010. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards.

An Environmental Programs staff member notified the New Mexico Environment Department Hazardous Waste Bureau about these findings by telephone on June 9, 2010, and followed up with an email on the same day.

The one instance of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) is tabulated in the attached report. This instance was the following:

- Chromium was found in a filtered sample at regional aquifer well R-50 (the 1077-ft port) at 69.7 $\mu\text{g/L}$; the NM Groundwater Standard is 50 $\mu\text{g/L}$.

This letter is our written submission that indicates in the accompanying report and tables the chemical constituents that meet the seven screening criteria laid out in the Compliance Order on Consent, modified on May 13, 2008.

If you have questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

Sincerely,



Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,



George J. Rael, Manager
Environmental Projects Office
Los Alamos Site Office

MG/DG/DM/SP/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in May 2010 (LA-UR-10-3954)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo, NM
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Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
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