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Date: **FEB 22 2010**
Refer To: EP2010-0068

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 January 2010 Groundwater Data

Dear Mr. Bearzi:

Members of the Los Alamos National Laboratory (LANL) Environmental Programs Directorate met on February 16, 2010, to review new groundwater data received in January 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 (NMED) Hazardous Waste Bureau about these findings by telephone on February 16, 2010, and followed up with an email on the same day.

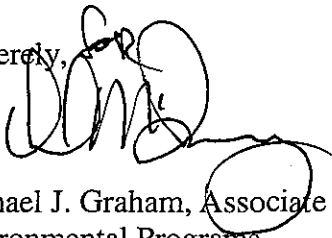
The three instances of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) are tabulated in the attached report. Samples collected at these locations before June 14, 2007, also contained the same contaminants at concentrations above a standard.

As described in our previous letters, the attached report contains fluoride results that are the highest measured at each of the locations. The analytical laboratory made an error in analyzing these data, and the results are being corrected.

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 Ardyth Simmons at (505) 665-3935 (asimmons@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,



David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

MG/DG/DM/AS/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in January 2010 (LA-UR-10-0935)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
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Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM
David Rogers, EP-ENG-TECH, MS M992
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Michael J. Graham, ADEP, MS M991
IRM-RMMSO, MS A150 (date-stamped letter emailed)