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National Nuclear Security Administration
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Date: **JAN 28 2010**
Refer To: EP2010-0017

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 December 2009 Groundwater Data

Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Environmental Programs Directorate met on January 13, 2010, to review new groundwater data received in December 2009. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards.

The New Mexico Environment Department (NMED) Hazardous Waste Bureau was notified about these findings by telephone on January 13, 2010, and followed up with an email on the same day.

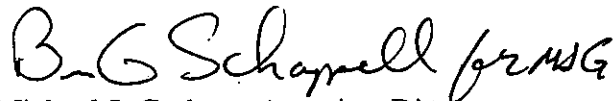
The one instance of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) is tabulated in the attached report. Samples collected at this location before June 14, 2007, also contained the same contaminants at concentrations above a standard.

As described in our previous letter, the attached report contains a large number of fluoride results that are the highest measured at each of the locations. We discovered that the analytical laboratory made an error in analyzing these data, and we are having the results 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.

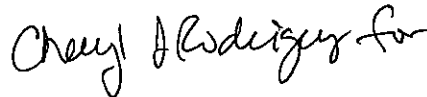
If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

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 December 2009 (LA-UR-10-0272)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
Hai Shen, DOE-LASO, MS A316
Steve Paris, EP-CAP, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

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Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
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Cy: (w/o enc.)

Pete Padilla, Los Alamos County Utility Department
Annette Russell, DOE-LASO (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM
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IRM-RMMSO, MS A150 (date-stamped letter emailed)