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National Nuclear Security Administration
Los Alamos Site Office, MS A316
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Date: October 27, 2009
Refer To: EP2009-0539

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 September 2009 Groundwater Data



Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on October 13, 2009, to review groundwater data received in September 2009. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards.

The LWSP program manager notified the New Mexico Environment Department Hazardous Waste Bureau about these findings by telephone on October 13th, 2009, and followed up with an email on the same day.

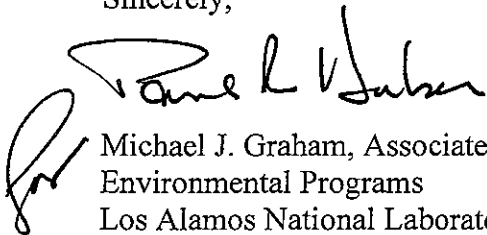
The 1 instance of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) is tabulated in the attached report. Samples collected at this location before June 14, 2007, also contained the same contaminant at concentrations above a standard. This instance was the following:

- Arsenic was found in a filtered sample collected from Pueblo Canyon alluvial monitoring well APCO-1 at 12 $\mu\text{g/L}$; the U.S. Environmental Protection Agency maximum contaminant level is 10 $\mu\text{g/L}$.

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.

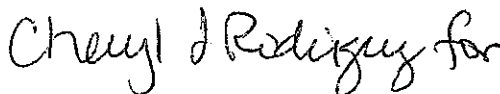
If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

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/PH/AS/DR:sm

Enclosure: Two hard copies with electronic files – Los Alamos National Laboratory Groundwater Data Loaded in September 2009 (LA-UR-09-6565)

Cy: (w/enc.)

Hai Shen, DOE-LASO, MS A316
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)

Ardyth Simmons, EP-LWSP, MS M992
Kristine Smeltz, EP-WES, MS M992

Cy: (w/o enc.)

Laurie King, EPA Region 6, Dallas, TX
Neil Weber, San Ildefonso Pueblo
Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Steve Yanicak, NMED-DOE-OB, MS M894
Annette Russell, DOE-LASO (date-stamped letter emailed)
Paul R. Huber, EP-LWSP, MS M992
David Rogers, EP-LWSP, MS M992
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Alison M. Dorries, EP-WES, MS M996
IRM-RMMSO, MS A150 (date-stamped letter emailed)