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National Nuclear Security Administration
Los Alamos Site Office, MS A316
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Date: March 27, 2009
Refer To: EP2009-0145

James P. 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 February 2009 Groundwater Data



Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on March 12, 2009, to review new groundwater data received in February 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 (NMED) Hazardous Waste Bureau about these findings by telephone on March 12, 2009, and followed up with an email on the same day.

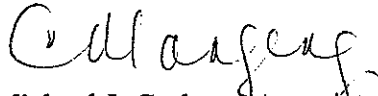
The three instances of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) are tabulated in the attached report. Samples collected at these locations before June 14, 2007, also contained the same contaminants at concentrations above a standard, with the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

- Bis(2-ethylhexyl)phthalate was detected in field duplicate samples at 11.7 $\mu\text{g/L}$ and 11.9 $\mu\text{g/L}$, respectively, collected from Mortandad Canyon regional aquifer monitoring well R-42; the U.S. Environmental Protection Agency maximum contaminant level is 6 $\mu\text{g/L}$.

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. The report identifies data collected since June 14, 2007, which meet these criteria.

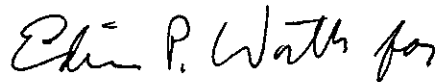
If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

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: Report and accompanying tables: "Summary of New Los Alamos National Laboratory Groundwater Data Loaded in February 2009" (LA-UR-09-1344)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
David Rogers, EP-LWSP, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)

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

Cy: (w/o enc.)

Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Keyana DeAgüero, DOE-LASO (date-stamped letter emailed)
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Florie Caporuscio, EES-6, MS J514
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