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Date: February 27, 2009
Refer To: EP2009-0075

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 January 2009 Groundwater Data

Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on February 12, 2009, to review new groundwater data received in January 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 February 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:

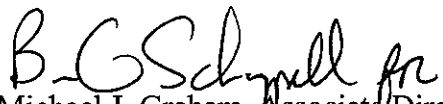
- Antimony was detected in filtered and unfiltered samples at 24.8 $\mu\text{g/L}$ and 7.7 $\mu\text{g/L}$, respectively, collected from a Pajarito Canyon alluvial groundwater monitoring location named TW-1.72 Spring; the U.S. Environmental Protection Agency maximum contaminant level is 6 $\mu\text{g/L}$.

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, that meet these criteria.

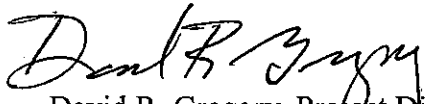
In our December 26, 2008, letter (EP2008-0650) we notified NMED that we had not correctly identified data that meet the criteria 5 and 6 of the Consent Order, modified on May 13, 2008. We have corrected this error and the current report (for data received in January 2009) includes new data that meet these criteria. We are preparing an additional report that includes results meeting these criteria for data received between September 2007 and December 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: Report and accompanying tables: "Summary of New Los Alamos National Laboratory Groundwater Data Loaded in January 2009" (LA-UR-09-0678)

Cy: (w/enc.)

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