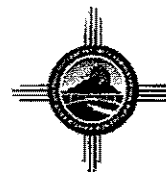
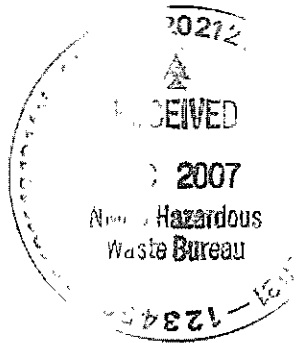




Environmental Programs
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National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: December 21, 2007
Refer To: EP2007-0785

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 November 2007 Groundwater Data

Dear Mr. Bearzi:

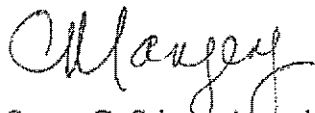
The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on December 13, 2007, to review new groundwater data received in November 2007. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water-quality standards. The LWSP deputy program director notified the Hazardous Waste Bureau by telephone on December 14, 2007, and followed up with an email on the same day. The seven 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, contained the same contaminant at concentrations above a standard, with the following two exceptions:

- Mercury was detected at 6.7 $\mu\text{g/L}$ in an unfiltered sample at Pajarito Canyon alluvial well 18-MW-11; the U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL) is 2 $\mu\text{g/L}$.
- Bis(2-ethylhexyl)phthalate was detected at 19.5 $\mu\text{g/L}$ in Pajarito Canyon intermediate well 03-B-9; the EPA MCL is 6 $\mu\text{g/L}$. This was the first sample event for this well.

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 Settlement Agreement and Stipulated Final Order signed by the New Mexico Environment Department, U.S. Department of Energy, and Los Alamos National Security, LLC, on June 14, 2007. The report identifies data collected since June 14, 2007, that meet these criteria.

If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or Mat Johansen at (505) 665-5046 (mjohansen@doeal.gov).

Sincerely,



Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,



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

SG/DR/PR/AM/DB:sm

Enclosure: Report and accompanying tables: "Summary of New Los Alamos National Laboratory Groundwater Data Loaded in November 2007" (EP2007-0785)

Cy: (w/enc.)

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