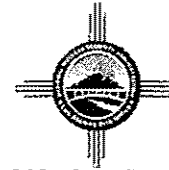


Environmental Programs
P.O. Box 1663, MS M991
Los Alamos, New Mexico 87545
(505) 606-2337/FAX (505) 665-1812



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: July 30, 2008
Refer To: EP2008-0392

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 May and June 2008 Groundwater Data

Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on July 15, 2008, to review new groundwater data received in May and June 2008. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards. Because of database issues, this report includes new data received by LANL from May and June 2008. Thus, the data reviewed in this letter are current.

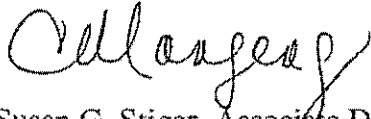
The LWSP program manager notified the New Mexico Environment Department (NMED) Hazardous Waste Bureau about these findings by telephone on July 15, 2008, and followed up with an email on the same day. The 15 instances of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) are tabulated in the attached report. Many of the samples collected at these locations before June 14, 2007, also contained the same contaminants at concentrations above a standard, with the following 2 exceptions:

- Dioxane[1,4-] was detected at 1190 $\mu\text{g/L}$ in an unfiltered sample collected at Pajarito Canyon alluvial well PCO-3; the U.S. Environmental Protection Agency tap water screening level is 61.1 $\mu\text{g/L}$.
- Total dissolved solids of 1230 mg/L was measured at Pajarito Canyon intermediate well 03-B-13; the New Mexico groundwater standard is 1000 mg/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 May 13, 2008. The report identifies data collected since June 14, 2007, that meet these criteria.

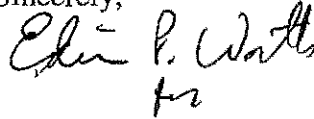
If you have questions, please contact Ardyth Simmons at (505) 665-3935 (asimmons@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

Sincerely,



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

Sincerely,



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

SS/DG/PH/DR:sm

Enclosure: Report and accompanying tables: "Summary of New Los Alamos National Laboratory Groundwater Data Loaded in May and June 2008" (EP2008-0392)

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)

Laurie King, EPA Region 6, Dallas, TX
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Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM
Alison Bennett, DOE-LASO (date-stamped letter emailed)
Susan G. Stiger, ADEP, MS M991
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Paul R. Huber, EP-LWSP, MS M992
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