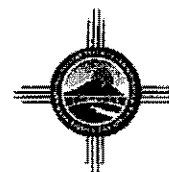




RECEIVED

FEB 27 2008



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: February 29, 2008
Refer To: EP2008-0082

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 2008 Groundwater Data

Dear Mr. Bearzi:

The Los Alamos National Laboratory (LANL) Water Stewardship Project (LWSP) met on February 14, 2008, to review new groundwater data received in January 2008. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards. Because of issues with the database, these data are incomplete; the remaining new data will be reviewed and sent to the New Mexico Environment Department (NMED) in a subsequent report.

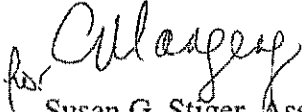
The LWSP deputy program director notified the Hazardous Waste Bureau by telephone on February 14, 2008, and followed up with an email on the same day. The 10 instances of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) are tabulated in the attached report. Samples collected before June 14, 2007, at these locations contained the same contaminant at concentrations above a standard with the following exception:

- Bis(2-ethylhexyl)phthalate was detected at 33.2 $\mu\text{g/L}$ in an unfiltered sample at Cañon de Valle alluvial well CDV-16-02658; 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 Settlement Agreement and Stipulated Final Order signed by NMED, the 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/AS/DB:sm

Enclosure: Report and accompanying tables: "Summary of New Los Alamos National Laboratory Groundwater Data Loaded in January 2008" (EP2008-0082)

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
Steve Yanicak, NMED-OB, White Rock, NM
Mat Johansen, DOE-LASO, MS A316
Ardyth Simmons, EP-LWSP, MS M992
Armand Groffman, EP-LWSP, MS M992
Mei Ding, EES-6, MS J514
Florie Caporuscio, EES-6, MS J514
Peggy Reneau, WES-DO, MS M992
EP-LWSP File, MS M992

Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM
Bonita Eichorst, DOE-LASO (date-stamped letter emailed)
Susan G. Stiger, ADEP, MS M991
Carolyn A. Mangeng, ADEP, MS M991
Alison M. Dorries, WES-DO, MS M992
Paul R. Huber, EP-LWSP, MS M992
Tina Behr-Andres, EP-LWSP, MS M992
IRM-RMMSO, MS A150