ERID-243422

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Date: JUN 19 2013
Refer To: EP2013-0113

John Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

RECEIVED
JUN 19 2013
NMED
Hazardous Waste Bureau

Subject: Review of May 2013 Groundwater Data

Dear Mr. Kieling:

The purpose of this letter is for Los Alamos National Laboratory (LANL) to provide the New Mexico Environment Department written submission that meets notification requirements presented in Section IV.A.3.g, Notification, of the Compliance Order on Consent. Members of LANL's Environmental Programs met on June 12, 2013, to review new groundwater data received in May 2013.

One-Day Notification

The one instance of a contaminant detected in a well screen interval or spring at a concentration that exceeded the New Mexico Water Quality Control Commission or federal water quality standards for the first time (based on samples collected since June 14, 2007) is as follows:

- In a filtered sample collected April 25, 2013, at screen 2 of regional aquifer well R-17, nitrate-nitrite as nitrogen was measured at 326 mg/L, above the 10-mg/L U.S. Environmental Protection Agency maximum contaminant level. However, this nitrate-nitrite as nitrogen concentration was above the 120-mg/L total dissolved solids concentration, indicating that it is the result of a field or analytical laboratory error. A reanalysis from an unpreserved bottle provided a result of 0.316 mg/L, which is similar to earlier results; the higher value will be rejected.

One-day notification of these results occurred by telephone on June 12, 2013.

Fifteen-Day Notification

The required information for the contaminants and other chemical parameters that meet the seven reporting criteria requiring written notification within fifteen days is given in the accompanying report and table.

If you have questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or Hai Shen at (505) 665-5046 (hai.shen@nnsa.doe.gov).

Sincerely,

Jeff Mousseau, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

Peter Maggiore, Assistant Manager
Environmental Projects Office
Los Alamos Field Office

JM/PM/CD/SP/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in May 2013 (LA-UR-13-24321)

Cy: (w/enc.)
Hai Shen, DOE-NA-00-LA, MS A316
Steve Paris, EP-CAP, MS M992
Public Reading Room (hard copy)
RPF (electronic copy)

Cy: (Letter and CD and/or DVD only)
Laurie King, EPA Region 6, Dallas, TX
Steve Rydeen, San Ildefonso Pueblo, NM
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Cy: (w/o enc.)
Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Tom Skibitski, NMED-Resource Protection, Santa Fe, NM (date-stamped letter emailed)
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Annette Russell, DOE-NA-00-LA (date-stamped letter emailed)
David Rogers, EP-ET (date-stamped letter emailed)
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Craig Douglass, EP-CAP (date-stamped letter emailed)
Jeff Mousseau, ADEP (date-stamped letter emailed)