



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 Field Office, MS A316
 Environmental Projects Office
 Los Alamos, New Mexico 87544
 (505) 667-4255/FAX (505) 606-2132



Date: NOV 19 2013
 Refer To: EP2013-0264

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

Subject: Monthly Notification of Groundwater Data Reviewed in November 2013

Dear Mr. Kieling:

This letter is Los Alamos National Laboratory's (LANL's) 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 November 13, 2013, to review new groundwater data received in October 2013.

1-Day Notification

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

- In a filtered sample collected September 23 from alluvial well FLC-16-25280, manganese was measured at 345 $\mu\text{g/L}$, above the 200- $\mu\text{g/L}$ NMWQCC groundwater standard. Concentrations in four other samples collected from this well since 2008 have a median value of 68 $\mu\text{g/L}$. This well is often dry, and samples have high turbidity; the turbidity for this sample event was 91 nephelometric turbidity units.
- In a filtered sample collected September 17 from intermediate Martin Spring, iron was measured at 1860 $\mu\text{g/L}$, above the 1000- $\mu\text{g/L}$ NMWQCC groundwater standard. Concentrations in five other samples collected from Martin Spring since 1997 (but before June 14, 2007) have been above the standard.

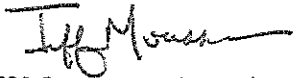
One-day notification of these results by telephone occurred on November 13, 2013.

15-Day Notification

The required information for the contaminants and other chemical parameters that meet the seven reporting criteria requiring written notification within 15 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 Groundwater Data Reviewed in November 2013 That Meet Notification Requirements (LA-UR-13-28542)

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/DVD only)

Laurie King, USEPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Steve Rydeen, San Ildefonso Pueblo, NM
Joe Chavarria, Santa Clara Pueblo, NM
Jake Meadows, ENV-RCRA, MS K490
Wendy Staples, EP-REG (date-stamped letter emailed)

Cy: (w/o enc.)

Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Tom Skibitski, NMED-DOE-OB, Santa Fe, NM (date-stamped letter emailed)
lasomailbox@nnsa.doe.gov
Annette Russell, DOE-NA-00-LA (date-stamped letter emailed)
David Rhodes, DOE-NA-00-LA (date-stamped letter emailed)
David Rogers, EP-ET (date-stamped letter emailed)
Mei Ding, EES-6 (date-stamped letter emailed)
Craig Douglass, EP-CAP (date-stamped letter emailed)
Jeff Mousseau, ADEP (date-stamped letter emailed)