

**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: FEB 29 2012  
Refer To: EP2012-0042

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

**Subject: Submittal of the Periodic Monitoring Reports for Mortandad and Sandia, Pajarito, White Rock Canyon, Water Canyon/Cañon de Valle, and Ancho Watersheds**

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the periodic monitoring reports (PMRs) for Mortandad and Sandia, Pajarito, White Rock Canyon, Water Canyon/Cañon de Valle, and Ancho Watersheds. Submittal of these reports fulfills the reporting requirements of Section IV.A.3.b of the Compliance Order on Consent.

These PMRs contain tritium results from ARS Laboratory that have recently been under review and have since been corrected (see the Los Alamos National Laboratory's letter to the New Mexico Environment Department dated, February 28, 2012). The tritium results in these PMRs represent the results in the database at the time of the formal pull for these reports. Database updates are underway, and future PMRs will reflect the corrected values.

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,

Michael J. Graham, Associate Director  
Environmental Programs  
Los Alamos National Laboratory

Sincerely,

George J. Rael, Assistant Manager  
Environmental Projects Office  
Los Alamos Site Office

MG/GR/CD/SP/DR:sm

Enclosures: Two hard copies with electronic files:

- (1) Periodic Monitoring Report for Mortandad and Sandia Watersheds, August 1–August 19, 2011 (LA-UR-12-0603)
- (2) Periodic Monitoring Report for Pajarito Watershed, July 8–July 29, 2011 (LA-UR-12-0604)
- (3) Periodic Monitoring Report for White Rock Watershed, October 3–October 14, 2011 (LA-UR-12-0601)
- (4) Periodic Monitoring Report for Water Canyon/Cañon de Valle Watershed, September 6–September 22, 2011 (LA-UR-12-0602)
- (5) Periodic Monitoring Report for Ancho Watershed, June 10–June 15 and September 6–September 22, 2011 (LA-UR-12-0600)

Cy: (w/enc.)  
Steve Paris, EP-CAP, MS M992  
RPF, MS M707 (electronic copy)  
Public Reading Room, MS M992 (hard copy)

Cy: (Letter and CD only)  
Laurie King, EPA Region 6, Dallas, TX  
Neil Weber, San Ildefonso Pueblo  
Joe Chavarria, Santa Clara Pueblo  
Steve Yanicak, NMED-DOE-OB, MS M894  
Hai Shen, DOE-LASO, MS A316 (all PMRs)  
Woody Woodworth, DOE-LASO, MS A316 (White Rock, Water, Ancho)  
Ed Worth, DOE-LASO, MS A316 (Pajarito)  
Cheryl Rodriguez, DOE-LASO, MS A316 (Mortandad and Sandia)  
Ramoncita Massey, DOE-LASO, MS A316 (Mortandad and Sandia)  
David Rogers, EP-ET, MS M992  
William Alexander, EP-BPS, MS M992

Cy: (w/o enc.)  
Tom Skibitski, NMED-OB, Santa Fe, NM  
Annette Russell, DOE-LASO (date-stamped letter emailed)  
Cassandra Begay, DOE-LASO, MS A316 (date-stamped letter emailed)  
Craig Douglass, EP-CAP, MS M996 (date-stamped letter emailed)  
Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)