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Date: **JUN 08 2011**
Refer To: EP2011-0152

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 Hydrologic Testing Report for Consolidated Unit 16-021(c)-99

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the Hydrologic Testing Report for Consolidated Unit 16-021(c)-99.

This report describes the collection and analysis of aquifer pumping test data during field testing of the perched saturated horizons, located within the vadose zone above the regional aquifer beneath Technical Area 16 at Los Alamos National Laboratory. A series of aquifer pumping tests have been conducted and the results analyzed with the objective of evaluating the hydrogeological properties of the perched zones. The field tests were conducted by pumping CdV-16-4ip (screens 1 and 2) and R-25b.

If you have any questions, please contact John McCann at (505) 665-1091 (jmccann@lanl.gov) or Woody Woodworth at (505) 665-5820 (lwoodworth@doeal.gov).

Sincerely,

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

Sincerely,

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

MG/GR/DM/JM:sm

Enclosures: Two hard copies with electronic files – Hydrologic Testing Report for Consolidated Unit 16-021(c)-99 (LA-UR-11-3072)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Woody Woodworth, DOE-LASO, MS A316
John McCann, EP-CAP, MS M992
RPF, MS M707 (electronic)
Public Reading Room, MS M992 (hard copy)

Cy: (Letter and CD and/or DVD)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Phoolendra Mishra, EES-16, MS T003 (w/ MS Word files on CD)
William Alexander, EP-BPS, MS M992

Cy: (w/o enc.)
Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)
Annette Russell, DOE-LASO (date-stamped letter emailed)
Dave McInroy, EP-CAP, MS M992 (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)