



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: July 6, 2009
 Refer To: EP2009-0301

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: Submittal of Work Plan to Plug and Abandon Wells 03-B-09 and 03-B-10

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Work Plan to Plug and Abandon Wells 03-B-09 and 03-B-10. Los Alamos National Laboratory (the Laboratory) is requesting approval to plug and abandon these two wells, which are located in an emergency lane behind the SM-30 warehouse at Technical Area 03. As stated in the letter sent to your office February 20, 2009, wells 03-B-09 and 03-B-10 have been subject to damage by snow-removal equipment because of their location within the emergency lane. In addition, well 03-B-09 is often dry or purged dry during sampling efforts because of its location near the edge of the saturated zone.

Also enclosed is a copy of a white paper in which the Laboratory evaluates the hydrology and geochemistry of these wells, which were installed to monitor the impacts to groundwater from Solid Waste Management Unit 03-010(a) and Area of Concern 03-001(e). The evidence presented in the white paper, resulting from 11 rounds of sampling, indicates that well 03-B-13 is optimally located within the perched zone to yield water consistently and provide representative hydrologic and geochemical data. The Laboratory plans to rehabilitate well 03-B-13, which is out of the way of vehicular traffic, as an aboveground well with protective bollards to ensure its continued integrity.

If you have any questions, please contact Becky Coel-Roback at (505) 665-5011 (becky_cr@lanl.gov) or Suzy Schulman at (505) 606-1962 (SSchulman@doeal.gov).

Sincerely,

B-G Schryver for MSG
 Michael J. Graham, Associate Director
 Environmental Programs
 Los Alamos National Laboratory

Sincerely,

Ed P. Wirth for
 David R. Gregory, Project Director
 Environmental Operations
 Los Alamos Site Office

MG/DG/SM/PB:sm

- Enclosures: 1) Two hard copies with electronic files – Work Plan to Plug and Abandon Wells 03-B-09 and 03-B-10 (LA-UR-09-3324)
2) White Paper: Hydrology and Geochemistry of Perched Saturation at Solid Waste Management Unit 03-010(a) and Area of Concern 03-001(e) (LA-UR-09-4061)

Cy: (w/enc.)
Becky Coel-Roback, EP-CAP, MS M992
Suzy Schulman, DOE-LASO, MS A316
RPF, MS M707 (with two CDs)

Cy: (Letter and CD only)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Kristine Smeltz, EP-WES, MS M992
EP-CAP File, MS M992

Cy: (w/o enc.)
Tom Skibitski, NMED-OB, Santa Fe, NM
Keyana DeAgüero, DOE-LASO (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991
Alison M. Dorries, EP-WES, MS M992
Dave McInroy, EP-CAP, MS M992
IRM-RMMSO, MS A150 (date-stamped letter emailed)