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Los Alamos Site Office, MS A316

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Date: May 5, 2008

Refer To: EP2008-0218

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 the Drilling Work Plan for Los Alamos and Pueblo Canyons
Groundwater Monitoring Wells**



Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Drilling Work Plan for the Los Alamos and Pueblo Canyons Groundwater Monitoring Wells. This work plan is submitted on schedule pursuant to a requirement of the New Mexico Environment Department's letter dated March 28, 2008, and contains the following standalone components:

- (1) Drilling Work Plan for Buckman Monitoring Well
- (2) Drilling Work Plan for Perched-Intermediate Well at TA-53
- (3) Drilling Work Plan for Regional Well R-3 in Pueblo Canyon
- (4) Drilling Work Plan for TW-2A Replacement in Pueblo Canyon
- (5) Work Plan to Plug and Abandon Pueblo Canyon Wells TW-1, TW-1A, TW-2, TW-2A

The schedule presented in each of the well-specific work plans represents the Los Alamos National Laboratory's prioritization that was evaluated in the context of corrective measures evaluations decision dates, especially for Technical Area 21 (TA-21) material disposal areas. The intermediate well at TA-53 is scheduled to be completed by March 30, 2009, because it addresses uncertainty about the potential lateral migration of perched-intermediate groundwater away from TA-21 sources. Well R-3 and the monitoring well for the Buckman well field have target completion dates of March 30, 2010.

Well R-3 is located on land scheduled to be transferred to Los Alamos County, and the monitoring well for adding protection to the Buckman well field is likely to be placed either on San Ildefonso land or possibly U.S. Forest Service land; therefore, the schedule proposed for these two wells may be affected by the formalization of the intergovernment agreements. The Test Well (TW) 2A replacement is considered a lower priority because there are sufficient time-series groundwater quality data from the existing TW-2A to indicate that contaminant trends have stabilized in the perched-intermediate groundwater body. The plugging and abandonment (P&A) of TW-1 and



TW-1A will be coupled with the drilling of nearby R-3, and the P&A of TW-2 and TW-2A will be coupled with replacement of TW-2A.

If you have questions, please contact Danny Katzman at (505) 667-6333 (katzman@lanl.gov) or Mat Johansen at (505) 665-5046 (mjohansen@doeal.gov).

Sincerely,



Susan G. Stiger, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,



David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

SS/DG/PH/DK:sm

Enclosures: Two hard copies with electronic files - Drilling Work Plan for Los Alamos and Pueblo
Canyons Groundwater Monitoring Wells (EP2008-0218)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
Danny Katzman, EP-LWSP, MS M992
RPF, MS M707 (with two CDs)
Public Reading Room, MS M992

Cy: (Letter and CD only)

Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Mathew Johansen, DOE-LASO, MS A316
Peggy Reneau, EP-WES, MS M992
EP-LWSP File, MS M992

Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM
Melanie Skeet, DOE-LASO (date-stamped copy emailed)
Susan G. Stiger, ADEP, MS J591
Paul Huber, EP-LWSP, MS M992
Alison M. Dorries, EP-WES, MS M992
IRM-RMMSO, MS A150