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Date: APR 02 2012
Refer To: EP2012-0080

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 Plugging and Abandonment Summary Reports for 14 Wells and Boreholes at Los Alamos National Laboratory for 2011 Commitment

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of two reports describing the plugging and abandonment of 14 wells at Los Alamos National Laboratory. The reports are (1) Plugging and Abandonment Summary Report for Test Holes TH-1, TH-2, TH-3, and TH-5 at Technical Area 49 and (2) Plugging and Abandonment Summary Report for Wells and Boreholes SHB-1, SHB-3, SHB-4, TH-5, TH-6, Beta Hole, H-19, TA-21 Distillation Hole, TW-3, and USGS Test Hole. Two separate reports are being submitted because Los Alamos National Security, LLC, subcontractors completed this work under separate task orders during the past year.

This work was completed per the Notice of Approval with Modifications Work Plans to Plug and Abandon Wells and Boreholes at Los Alamos National Laboratory, dated March 9, 2011; the Notice of Approval, Additional Modifications to Work Plans to Plug and Abandon Wells and Boreholes at Los Alamos National Laboratory, dated August 22, 2011; and the Approval with Modifications Work Plan to Plug and Abandon Test Well 3 Los Alamos National Laboratory, dated March 9, 2011.

The table included with this letter (**Attachment 1**) summarizes the progress to date on plugging and abandoning the initial 30 wells and boreholes described in the above-referenced approved work plans, in addition to TW-3. Thirteen of the first 30 wells described in the above-referenced work plans have now been completed, in addition to TW-3. Ten more wells and boreholes from the initial 30 will be completed in calendar year 2012 and will be reported on in March 2013. The remaining 7 of the initial 30 wells will not be plugged and abandoned because they are in use (these wells are located at Technical Area 46), or they are within the parcel of land being transferred from the U.S. Department of Energy to Los Alamos County. In a future work plan, additional wells will be identified for plugging and abandoning beyond 2012.

If you have any questions, please contact Ted Ball at (505) 665-3996 (tedball@lanl.gov) or Woody Woodworth at (505) 665-5820 (lance.woodworth@nnsa.doe.gov).

Sincerely,

Sincerely,



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



Peter Maggiore, Assistant Manager
Environmental Projects Office
Los Alamos Site Office

MG/PM/CD/TB:sm

Enclosures: Two hard copies with electronic files:

- (1) Plugging and Abandonment Summary Report for Test Holes TH-1, TH-2, TH-3, and TH-5 at Technical Area 49 (LA-UR-12-20068)
- (2) Plugging and Abandonment Summary Report for Wells and Boreholes SHB-1, SHB-3, SHB-4, TH-5, TH-6, Beta Hole, H-19, TA-21 Distillation Hole, TW-3, and USGS Test Hole (LA-UR-12-1084)

Cy: (w/enc.)
Woody Woodworth, DOE-LASO, MS A316
Ted Ball, EP-CAP, MS J590
Public Reading Room, MS M992 (hard copy)
RPF, MS M707 (electronic copy)

Cy: (Letter and CD and/or DVD)
Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Steve White, TPMC, Los Alamos, NM (w/ MS Word files on CD)
Patti Baucom, TPMC, Los Alamos, NM (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)
Craig Douglass, EP-CAP, MS M996 (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)

Attachment 1

November 2010 Work Plans to Plug and Abandon Wells and Boreholes at Los Alamos National Laboratory, Approved with Modifications on March 9, 2011

Well ID	Completed for 2011 Commitment and March 31, 2012, Report	Planned for 2012 Commitment	Deferred	Notes
TW-3	1			This well was not part of the original 30 wells work plans
H-19	1			
Layne Western Well			1	This well is affected by land-transfer issues. It may be plugged and abandoned in 2012 or 2013. A video survey was conducted on 2/28/2012, and the well was found to be dry.
Sigma Mesa Well		1		
TH-5 and TH-6 in Pajarito Canyon	2			
SHB-1, SHB-3, and SHB-4	3			
TA-21 Distillation Hole	1			
TA-46 Distillation Holes			6	These distillation holes are in use by a third party
USGS Test Hole east of Material Disposal Area C	1			
Beta Hole in Water Canyon	1			
Core Holes 1, 3, 4 at TA-49		3		
TH-1, TH-2, TH-3, TH-4, and TH-5 at TA-49	4	1		
Test Holes TBM-1 and TBM-2 at TA-49		2		
Boreholes 49-10046, 49-10047, and 49-10048		3		
Total	14	10	7	31