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 Fact Sheets for R-61

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the Fact Sheets for R-61.

If you have any questions, please contact Ted Ball at (505) 665-3996 (tedball@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/CD/TB:sm

Enclosures: Two hard copies with electronic files – Fact Sheets for R-61 (LA-UR-11-2969)

Cy: (w/enc.)
- Neil Weber, San Ildefonso Pueblo
- Woody Woodworth, DOE-LASO, MS A316
- Ted Ball, EP-CAP, MS M996
- RPF, MS M707 (electronic)
- Public Reading Room, MS M992 (hard copy)

Cy: (Letter and CD and/or DVD only)
- Laurie King, EPA Region 6, Dallas, TX
- Steve Yanicak, NMED-DOE-OB, MS M894
- 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 M992 (date-stamped letter emailed)
- Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)
TOTAL LENGTH OF CASING AND SCREEN (FT) 1256.4
DEPTH TO WATER FOLLOWING INSTALLATION (FT BGS) 1101.3
DIAMETER OF BOREHOLE 18.75 (IN) FROM Q TO 145.0 (FT BGS)
20.00 (IN) FROM 145.0 TO 612.2 (FT BGS)
15.88 (IN) FROM 612.2 TO 896.0 (FT BGS)
13.50 (IN) FROM 896.0 TO 1266.4 (FT BGS)
SURFACE COMPLETION (proposed)
- TYPE STEEL SIZE (IN) .19
- PROTECTIVE POSTS INSTALLED YES
- CHECK FOR SETTLEMENT NO
- PAD MATERIAL CONCRETE
- PAD Dimensions (FT) 10 x 10 x 0.5
- Pad roughness WIRE MESH
SURFACE SEAL
- HYDRATED BENTONITE SEAL FORM % BENTONITE CHIPS
- QUANTITY USED 182.2 (FT' CALC 155.7 (FT')
- BENTONITE SEAL 3.0 TO 59.9 (FT BGS)
- FINE SAND COLLAR 1116.9 TO 1119.9 (FT BGS)
- FILTER PACK SAND SIZE TYPE 5/10 MICA
- QUANTITY USED 14.07 (FT' CALC 15.57 (FT')
- SCREENED INTERVAL 1119.9 TO 1140.4 (FT BGS)
- BENTONITE SEAL 1140.4 TO 1213.6 (FT BGS)
- FINE SAND COLLAR 1213.6 TO 1215.5 (FT BGS)
- FILTER PACK SAND SIZE TYPE 5/10 MICA
- QUANTITY USED 2.15 (FT' CALC 1.7 (FT')
- SCREENED INTERVAL 1215.5 TO 1241.0 (FT BGS)
- BOTTOM OF CASING 1241.0 TO 1256.4 (FT BGS)
- BACKFILL 1266.4 TO 1266.4 (FT BGS)
- SLOUGH 1266.4 (FT BGS)
- LEVEL OF BORING 1266.4 (FT BGS)
- HYDRATED BENTONITE SEAL FORM % BENTONITE CHIPS
- QUANTITY USED 6.7 (FT' CALC 17.6 (FT')
- FINE SAND COLLAR SIZE TYPE 20/40 SILICA
- QUANTITY USED 3.0 (FT' CALC 1.7 (FT')
- SCREENED INTERVAL 1220.5 TO 1241.0 (FT BGS)
- FILTER PACK SAND SIZE TYPE 10/20 SILICA
- QUANTITY USED 37.0 (FT' CALC 27.3 (FT')
- BOTTOM OF CASING 1256.4 (FT BGS)
- BACKFILL 1266.4 TO 1266.4 (FT BGS)
- SLOUGH 1266.4 (FT BGS)
- STAINLESS-STEEL CENTRALIZERS USED YES AT 2.0 FT ABOVE AND BELOW WELL SCREEN
- WELL COMPLETION BEGAN DATE 04/09/11 TIME 1300h
- WELL COMPLETION FINISHED DATE 05/04/11 TIME 1300h