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Date: DEC 06 2010  
 Refer To: EP2010-0505

James 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 Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area**

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area. The Upper Mortandad Canyon Aggregate Area is located in Technical Area 03 (TA-03), TA-48, TA 50, TA-55, and former TA-42 of Los Alamos National Laboratory and includes a total of 119 solid waste management units and areas of concern. Sixty-three of the sites were investigated in 2009 and the results reported in the revised investigation report for the Upper Mortandad Canyon Aggregate Area. Two additional sites at TA-35 were also investigated in 2009 and the results reported in the investigation report. Of these 65 sites, 31 require additional sampling to define the extent of contamination. This Phase II investigation work plan presents the proposed sampling and analyses needed to define the vertical and/or lateral extent of one or more contaminants at each of the 31 sites.

If you have any questions, please contact Kent Rich at (505) 665-4272 (krich@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (crodriguez2@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/KR:sm

Enclosures: Two hard copies with electronic files – Phase II Investigation Work Plan for Upper Mortandad Canyon Aggregate Area (LA-UR-10-7423)

Cy: (w/enc.)  
Neil Weber, San Ildefonso Pueblo  
Cheryl Rodriguez, DOE-LASO, MS A316  
Kent Rich, EP-CAP, MS M992  
RPF, MS M707 (w/ two CDs)  
Public Reading Room, MS M992

Cy: (Letter and CD and/or DVD only)  
Laurie King, EPA Region 6, Dallas, TX  
Steve Yanicak, NMED-DOE-OB, MS M894  
David Davenport, LATA, 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  
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)