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Date: October 8, 2008
Refer To: EP2008-0537

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: Response to the Notice of Disapproval for Material Disposal Area G Soil Vapor Extraction Test Status Report, September 15, 2008 (EP2008-0494)

Reference: (1) Letter, Bearzi to Messrs. Gregory and McInroy, 9/26/08

Dear Mr. Bearzi:

The purpose of this letter is to provide the New Mexico Environmental Department (NMED) with preliminary field data for the first and second active tests conducted for the soil vapor extraction (SVE) pilot study at Material Disposal Area (MDA) G within Technical Area 54 (TA-54). The pilot test is being conducted to evaluate the effectiveness of using SVE to remove volatile organic compounds (VOCs) from the subsurface at MDA G. The attached CD contains the data collected in the field for the first and second active tests.

The notice of disapproval identified a third pilot test, scheduled from September 1, 2008, to September 30, 2008, with a status report due on October 15, 2008. Los Alamos National Laboratory contacted Kristen Van Horn of NMED and determined that this report was not required. The test scheduled from September 1, 2008, to September 30, 2008, was the second active test. Field data for this second active test are included in this submittal.

The final SVE pilot test report will contain summaries and analyses of all data acquired during both active and passive portions of the pilot test and will be submitted to NMED on October 31, 2008. All submittals (including maps) will be in the form of two paper copies and one electronic copy in accordance with Section X1.A of the Compliance Order on Consent.

If you have any questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or Edwin Worth at (505) 606-0398 (eworth@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/DM/SP:sm

Enclosure: 1) Preliminary Field Data for Active Pilot Tests Conducted in Support of the Work Plan for Implementation of a In Situ Soil Vapor Extraction Test at Technical Area 54, Material Disposal Area G, Revision 1 (LA-UR-08-6516)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Steve Paris, EP-CAP, 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
Ed Worth, DOE-LASO, MS A316
Julien Boyance, North Wind, Los Alamos, NM
Kristine Smeltz, WES-DO, MS M992
EP-CAP File, MS M992

Cy: (w/o enc.)
Tom Skibitski, NMED-OB, Santa Fe, NM
Alison Bennett, DOE-LASO (date-stamped letter emailed)
Susan G. Stiger, ADEP, MS M991
Alison M. Dorries, WES-DO, MS M992
Dave McInroy, EP-CAP, MS M992
IRM-RMMSO, MS A150 (date-stamped letter emailed)