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Date: **OCT 07 2010**
Refer To: EP2010-0427

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 Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Third Quarter Fiscal Year 2010

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Third Quarter Fiscal Year 2010.

The analytical results continue to confirm the presence of two volatile organic compound (VOC) source areas and the presence of tritium in pore-vapor samples. The concentrations of VOCs detected during the second quarter of fiscal year 2010 are consistent with data from the previous three quarters. Tritium activities varied with depth and location.

If you have any questions, please contact Jarrett Rice at (505) 665-3874 (wjrice@lanl.gov) or Ed Worth at (505) 606-0398 (eworth@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/AB/JR:sm

Enclosures: Two hard copies with electronic files – Periodic Monitoring Report for Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Third Quarter Fiscal Year 2010 (LA-UR-10-6714)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
Ed Worth, DOE-LASO, MS A316
Jarrett Rice, EP-TA-54 Closure Project, MS M991
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
Beth Norris, North Wind, Inc. (w/MS Word files on CD)
Kristine Smeltz, EP-BPS, MS M992

Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
Andy Baumer, EP-TA-54 Closure Project, MS C348
Michael J. Graham, ADEP, MS M991