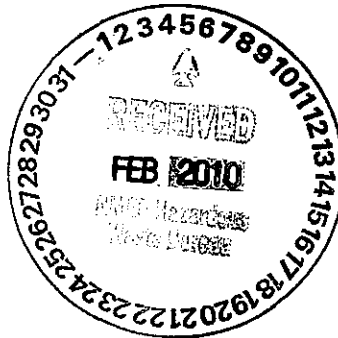




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National Nuclear Security Administration
 Los Alamos Site Office, MS A316
 Environmental Restoration Program
 Los Alamos, New Mexico 87544
 (505) 667-4255/FAX (505) 606-2132

Date: FEB 05 2010
 Refer To: EP2010-0022

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 Response to the Second Notice of Disapproval for the Phase II Investigation Report for Material Disposal Area C and the Phase III Investigation Work Plan for Material Disposal Area C

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Phase III Investigation Work Plan for Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50. The Phase III investigation work plan for Material Disposal Area (MDA) C proposes investigation activities to address the requirements contained in the New Mexico Environment Department's (NMED's) second notice of disapproval for the Phase II investigation report for MDA C, dated October 15, 2009.

In summary, Phase III activities will include installing two regional groundwater wells to the east and southeast of MDA C, installing four new vapor-monitoring wells, collecting pore-gas samples from existing and new vapor-monitoring wells, and identifying representative background concentrations for inorganic chemicals in dacite lava underlying the Guaje Pumice Bed below MDA C.

As you are aware from the fiscal year 2010 stipulated-penalty negotiations, the schedules presented in Tables XII-1, XII-2, and XII-3 of the Consent Order currently contain a date of September 5, 2010, for submitting the MDA C remedy completion report. This date is no longer accurate and does not reflect the schedule adjustments specified in Section III.M.2 of the Consent Order to account for the additional time needed to complete and approve the investigation at MDA C. An extension request for the remedy completion report will be submitted under separate cover.

If you have any questions, please contact Stephani Fuller at (505) 606-1628 (sfuller@lanl.gov) or Cheryl Rodriguez at (505) 605-5330 (crodriguez2@doeal.gov).

Sincerely,

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

Sincerely,

Nancy Weibel
 David R. Gregory, Project Director
 Environmental Operations
 Los Alamos Site Office

MG/DG/SF/JE:sm

Enclosures: Two hard copies with electronic files:

- (1) Response to the Second Notice of Disapproval for Phase II Investigation Report for Material Disposal Area C (LA-UR-10-0611)
- (2) Phase III Investigation Work Plan for Material Disposal Area C (LA-UR-10-0613)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
Cheryl Rodriguez, DOE-LASO, MS A316
Stephani Fuller, EP-TA-21 or 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
Joe English, Adelante, Inc., Los Alamos, NM (w/ MS Word files on CD)
Kristine Smeltz, EP-WES, 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
Michael J. Graham, ADEP, MS M991
IRM-RMMSO, MS A150 (date-stamped letter emailed)