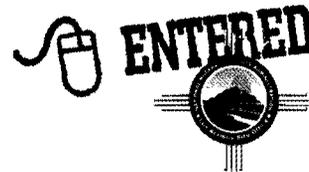
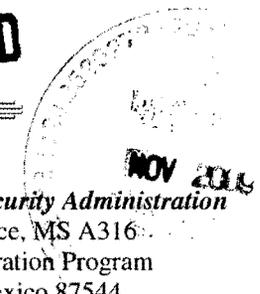


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Date: **NOV 30 2009**
 Refer To: EP2009-0640

James Bearzi, Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6303

Subject: Erosion Controls in Drainages to the 90s Line Pond

Dear Mr. Bearzi:

This letter documents stormwater management associated with drainages entering the 90s Line Pond [Consolidated Unit 16-008(a)-99]. This letter is required as part of the New Mexico Environment Department (NMED) "Approval with Modifications Supplemental Investigation Work Plan for Consolidated Units 16-007(a)-99 and 16-008(a)-99 at Technical Area 16," dated December 31, 2008.

The individual solid waste management units (SWMUs) within Consolidated Unit 16-008(a)-99 are located within a level, well-vegetated area within Technical Area 16. There is little potential for stormwater to leave the area. If surface flow were generated most would discharge to the 90s Line Pond and would have no potential to reach a Water of the United States.

Best management practices (BMPs) were installed in the two major drainages to the 90s Line Pond on June 8, 2008, (Figures 1 and 2). They consisted of juniper bales designed to block sediment transport down the drainages into the pond. Wattles were installed in 2009 to control sediment transport from a disturbed slope (Figure 3). The wattles and juniper bales are in good condition with little sign of sediment buildup (Figure 3).

Several SWMUs in Consolidated Unit 16-008(a)-99 were evaluated for inclusion in the LANL NPDES Stormwater Individual Permit (NPDES Permit No. NM0030759) and were determined to have no potential to discharge to Waters of the United States. Four SWMUs within the Consolidated Unit [16-017(b)-99, 16-029(k), 16-017(a)-99, and 16-026(m)] would not generate runoff to the 90s Line Pond, and were included in the Individual Permit because of their potential to drain to Canon de Valle. BMPs associated with these SWMUs are inspected and maintained through the Individual Permit Program.



If you have any questions, please contact John McCann at (505) 665-1091 (jmccann@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,



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

MG/DG/JM:sm

Attachment: Figures 1, 2, and 3 of 90s Line Ponds Best Management Practices (LA-UR-09-~~7759~~)

Cy: (w/enc.)
Woody Woodworth, DOE-LASO, MS A316
John McCann, 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-DOE-OB, MS M894
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)
Michael Graham, ADEP, MS M991
Dave McInroy, EP-CAP, MS M992
IRM-RMMSO, MS A150



Figure 1 Drainages into the 90s Line Pond before best management practice (BMP) installation



Figure 2 Drainages into the 90s Line Pond after BMP installation, June 2008.



Figure 3 90s Line Pond BMPs, November 2009.