



Environmental Programs
P.O. Box 1663, MS M991
Los Alamos, New Mexico 87545
(505) 606-2337/FAX (505) 665-1812



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: **NOV 29 2012**

Refer To: EP2012-0260

John Kieling, 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 Inspection and Maintenance of Erosion Controls in Drainages to the 90s Line Pond at Technical Area 16

Dear Mr. Kieling:

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's (NMED's) Notice of Approval with Direction Investigation Report for Consolidated Units 16-007(a)-99 and 16-008(a)-99 at Technical Area 16, Revision 1, dated February 11, 2008, and Approval with Modifications (for the) 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 in Technical Area 16. Surface flows generated in the area discharge to the 90s Line Pond and have little potential to reach any waters of the U.S.; the 90s Line Pond was remediated and has no outlet.

Best management practices (BMPs) were installed in the two major drainages to the 90s Line Pond on June 8, 2008. The BMPs consisted of juniper bales designed to block sediment transport down the drainages into the pond. All controls are currently in good operating condition (Figures 1 to 3). Wattles were installed in 2009 and 2010 to control sediment transport from a disturbed slope (Figure 4).



If you have any questions, please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or Woody Woodworth at (505) 665-5820 (lwoodworth@nnsa.doe.gov).

Sincerely,



Jeff Mousseau, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,



Peter Maggiore, Assistant Manager
Environmental Projects Office
Los Alamos Site Office

JM/PM/CD/SV:sm

Enclosures: Two hard copies with electronic files – Inspection and Maintenance of Erosion Controls in Drainages to the 90s Line Pond at Technical Area 16 (LA-UR-12-26360)

Cy: (w/enc.)

Woody Woodworth, DOE-LASO, MS A316
Steve Veenis, EP-CAP, MS M997
Public Reading Room, MS M992 (hard copy)
RPF (electronic copy)

Cy: (Letter and CD and/or DVD)

Laurie King, EPA Region 6, Dallas, TX
Steven Rydeen, San Ildefonso Pueblo
Joe Chavarria, Santa Clara Pueblo
Steve Yanicak, NMED-DOE-OB, MS M894
Alan MacGregor, EP-ET, MS M992 (w/ MS Word files on CD)
Wendy Staples, EP-BPS, MS M992

Cy: (w/o enc.)

Tom Skibitski, NMED-OB (date-stamped letter emailed)
Annette Russell, DOE-LASO (date-stamped letter emailed)
David Rhodes, DOE-LASO (date-stamped letter emailed)
Craig Douglass, EP-CAP (date-stamped letter emailed)
Jeff Mousseau, ADEP (date-stamped letter emailed)

FIGURES



Figure 1 Juniper bale check dam in channel draining to 90s Line Pond, November 2012



Figure 2 Juniper bale check dam in channel draining to 90s Line Pond, November 2012



Figure 3 Juniper bale check dam in channel draining to 90s Line Pond, November 2012



Figure 4 Seed, mulch, and straw wattles on bare slope draining to 90s Line Pond, November 2012