



16
RECEIVED

NOV 25 2014



Associate Director for ESH
Environment, Safety, and Health
P.O. Box 1663, MS K491
Los Alamos, New Mexico 87545
505-667-4218/Fax 505-665-3811

**NMED
Hazardous Waste Bureau**

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

Date: **NOV 25 2014**
Refer To: ADESH-14-124

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

Subject: Inspection and Maintenance of Erosion Controls in Drainages to the 90s Line Pond at Technical Area 16

Dear Mr. Kieling:

This letter documents the status of storm water management associated with the 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 (for the) 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 but 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 previously installed in 2008 in the two major drainages to the 90s Line Pond. The BMPs consist 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) with no evidence of erosion in the drainages.



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

Sincerely,



Michael T. Brandt, DrPH, CIH, Associate Director
Environment, Safety, and Health
Los Alamos National Laboratory

Sincerely,



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

MB/PM/DM/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-14-28411)

Cy: (w/enc.)

Woody Woodworth, DOE-NA-LA, MS A316
Steve Veenis, EP-CAP, MS M996
Public Reading Room (EPRR)
ADESH Records (electronic copy)

Cy: (Letter and CD and/or DVD)

Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Jeff Walterscheid, EP-CAP, (w/ MS Word files on CD)
PRS Database

Cy: (w/o enc.)

Tom Skibitski, NMED-DOE-OB (date-stamped letter emailed)
lasomailbox@nnsa.doe.gov
Annette Russell, DOE-NA-LA (date-stamped letter emailed)
David Rhodes, DOE-NA-LA (date-stamped letter emailed)
Kimberly Davis Lebak, DOE-NA-LA (date-stamped letter emailed)
Dave McInroy, EP-CAP (date-stamped letter emailed)
Randy Erickson, ADEP (date-stamped letter emailed)
Tony Grieggs, ADESH-ENV-CP (date-stamped letter emailed)
Alison Dorries, ADESH-ENV-DO (date-stamped letter emailed)
Michael Brandt, ADESH (date-stamped letter emailed)

FIGURES



Figure 1 Juniper bale check dam in channel draining to 90s Line Pond, October 2014. Note needle cast and vegetation in channel.



Figure 2 Juniper bale check dam in channel draining to 90s Line Pond, November 2014. Note needle cast and vegetation in channel.



**Figure 3 Juniper bale check dam in channel draining to 90s Line Pond,
November 2014**