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NOV 19 2015

NMED  
Hazardous Waste Bureau

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Date: NOV 19 2015

Refer To: ADESH-15-165

LAUR: 15-28810

Locates Action No.: n/a

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 (Figures 1 and 2). Surface flows generated in the area discharge to the 90s Line Pond 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 2008 in the 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 with no evidence of erosion in the drainages (Figures 3 to 5).



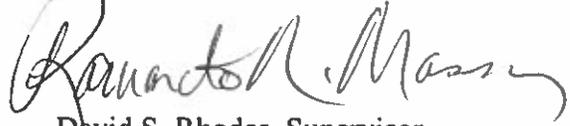
If you have any questions, please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@nnsa.doe.gov).

Sincerely,



Bruce Robinson, Program Director  
Environmental Remediation Program  
Los Alamos National Laboratory

Sincerely,



David S. Rhodes, Supervisor  
Environmental Management  
Los Alamos Field Office

AD/DR/BR/SV:sm

Attachment: Two hard copies with electronic files – Figures for the Inspection and Maintenance of Erosion Controls in Drainages to the 90s Line Pond at Technical Area 16 (EP2015-0195)

Cy: (w/att.)

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Craig Leasure, PADOPS

**FIGURES**



**Figure 1** Vegetated area draining to 90s Line Pond



**Figure 2** Run-on control berm in the vegetated area draining to 90s Line Pond



**Figure 3** Juniper bale check dams located in drainage channel to 90s Line Pond, November 2015. Note needle cast and vegetation in channel.



**Figure 4** Juniper bale check dam located in drainage channel to 90s Line Pond, November 2015. Note vegetation in channel.



**Figure 5** Juniper bale check dam located in drainage channel to 90s Line Pond, November 2015. Note vegetation in channel.