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Date: JUN 01 2010
Refer To: EP2010-0230

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 Baseline Geomorphic Conditions at Sediment Transport Mitigation Sites in the Los Alamos and Pueblo Canyon Watersheds

Dear Mr. Bearzi:

In accordance with the New Mexico Environment Department's Approval with Modifications Los Alamos and Pueblo Canyons Sediment Transport Monitoring Plan, dated January 11, 2010, Los Alamos National Laboratory has completed the initial report documenting baseline geomorphic conditions in Pueblo Canyon. This report summarizes the baseline geomorphic conditions present above and below recently constructed mitigation measures in Los Alamos and Pueblo Canyons using three methods: repeat cross-section surveys, channel thalweg surveys, and general area surveys. These methods will be conducted three times annually to document geomorphic changes that may occur after unique runoff events. A report documenting all future geomorphic changes in Los Alamos/Pueblo Canyons, including sediment accumulations behind the structures, will be submitted annually on May 30, 2010.

If you have any questions, please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or Nancy Werdel at (505) 665-3619 (nwerdel@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/DM/SV/SR:sm

Enclosures: Two hard copies with electronic files – Baseline Geomorphic Conditions at Sediment Transport Mitigation Sites in the Los Alamos and Pueblo Canyon Watersheds (LA-UR-10-2990)

Cy: (w/enc.)
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