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Date: June 29, 2009
Refer To: EP2009-0303

James P. 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 the Conceptual Design Drawing for the Cross-Vane Structures in Pueblo Canyon

Dear Mr. Bearzi:

Attached is the conceptual design drawing for the cross-vane structures planned for installation in Pueblo Canyon. The design is submitted for the New Mexico Environment Department's (NMED's) approval. This fulfills the requirement in Item #3 of NMED's Approval with Modifications Supplemental Interim Measure Work Plan to Mitigate Contaminated Sediment Transport in Los Alamos and Pueblo Canyons (SIWP) dated February 20, 2009. The requirement states that the Los Alamos National Laboratory's (the Laboratory's) design must be consistent with that shown in specific illustrations in David Rosgen's "Applied River Morphology." Subsequent email correspondence from NMED (dated June 9, 2009) has led to the final design. The design will be applied at each of the three locations in Pueblo Canyon where the cross-vane structures will be built. Construction will begin upon receipt of NMED approval of the conceptual design.

It is the Laboratory's intent to monitor the performance of the structures and, with NMED concurrence, modify them in the future, if necessary. The specifics of the monitoring at the cross-vane structures will be included in the monitoring plan that will be submitted to the NMED by the required submittal date of October 15, 2009.



If you have any questions, please contact Danny Katzman (katzman@lanl.gov) at (505) 667-6333 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/PH/DK:sm

Attachment: Design Drawing for the Cross-Vane Structures in Pueblo Canyon

Cy: Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-OB, White Rock, NM
Tom Skibitski, NMED-OB, Santa Fe, NM
Keyana DeAgüero, DOE-LASO (date-stamped letter emailed)
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Pueblo Canyon Cross Vane Structure

