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Date: JUN 03 2010  
Refer To: EP2010-0261

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 the Completion Reports for Pueblo Canyon Grade-Control Structure and Gage Station E060.1 and DP Canyon Grade-Control Structure and Gage Station E039.1**

Dear Mr. Bearzi:

Enclosed please find two hard copies with electronic files of the Completion Report for Pueblo Canyon Grade-Control Structure and Gage Station E060.1 and the Completion Report for DP Canyon Grade-Control Structure and Gage Station E039.1.

This submittal fulfills the requirements in Comments 9a and 9d of the Approval with Modifications Supplemental Interim Measures Work Plan (SIWP), dated February 20, 2009, and the Approval of Extension Request, Completion of Stream Gages E039.1 and E060.1 located in Los Alamos Watershed, dated February 16, 2010. Construction of the Pueblo and DP Canyons grade-control structures was completed on January 26, 2010. Existing gage stations E039 and E060 were redesigned as supercritical flumes and relocated downstream of the DP and Pueblo Canyon grade-controls structures, respectively. Gage Station E039.1 was completed on May 4, 2010, and Gage Station E060.1 was completed on May 18, 2010. Along with a narrative of the construction activities, the completion reports also include a geotechnical engineering study, as-built drawings, and photo documentation. The Hydrologic Engineering Center-River Analysis System hydraulic analysis of both structures was updated from the September 2009 design submitted to the New Mexico Environment Department based on value-engineered changes to the structures as well as a 2-ft increase in the height of the Pueblo Canyon grade-control structure low-flow weir.

If you have any questions, please contact Steve Veenis at (505) 667-0013 (veenis@lanl.gov) or Cheryl Rodriguez at (505) 665-5330 (crodriguez2@doeal.gov).

Sincerely,

*B. G. Schoppell for MSG*  
Michael J. Graham, Associate Director  
Environmental Programs  
Los Alamos National Laboratory

Sincerely,

*Cheryl Rodriguez for*  
David R. Gregory, Project Director  
Environmental Operations  
Los Alamos Site Office

MG/DG/

Enclosures: Two hard copies with electronic files:

- (1) Completion Report for Pueblo Canyon Grade-Control Structure and Gage Station E060.1 (LA-UR-10-0937)
- (2) Completion Report for DP Canyon Grade-Control Structure and Gage Station E039.1 (LA-UR-10-3300)

Cy: (w/enc.)

Miguel B. Gabaldon, NMDOT, Santa Fe, NM  
Julie Habiger, Los Alamos County, NM  
Neil Weber, San Ildefonso Pueblo  
Cheryl Rodriguez, DOE-LASO, MS A316  
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Public Reading Room, MS M992

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Laurie King, EPA Region 6, Dallas, TX  
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Danny Katzman, EP-LWSP, MS M992  
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Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM  
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