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BILL RICHARDSON  
Governor

DIANE DENISH  
Lieutenant Governor

NEW MEXICO  
ENVIRONMENT DEPARTMENT

*Hazardous Waste Bureau*

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RON CURRY  
Secretary

JON GOLDSTEIN  
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

August 11, 2009

David Gregory, Federal Project Director  
Department of Energy  
Los Alamos Site Office  
3747 West Jemez, Mail Stop A316  
Los Alamos, New Mexico, 87544

David McInroy  
Remediation Services Deputy Director  
Los Alamos National Security, LLC  
P.O. Box 1663, Mail Stop J591  
Los Alamos, New Mexico 87545

**RE: APPROVAL OF DESIGN FOR  
INSTALLATION OF CROSS VANE STRUCTURES  
PUEBLO CANYON STREAM CHANNEL  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID# NM0890010515  
LANL-HWB-08-047**

Dear Messrs. Gregory and McInroy:

The New Mexico Environment Department (NMED) is in receipt of the Los Alamos National Security, L.L.C. and U.S. Department of Energy (the Permittees) document entitled *Submittal of the Conceptual Design for the Cross-Vane Structures in Pueblo Canyon* dated June 29, 2009 and referenced by EP2009-0303. The cross-vane structures are required by NMED's *Approval with Modifications Supplemental Interim Measure Work Plan (SIWP) to Mitigate Contaminated Sediment Transport in Los Alamos and Pueblo Canyons* dated February 20, 2009. NMED hereby approves of the design for the cross vane structures. As stated in NMED's February approval letter, documentation of the completed construction of the three cross vane structures in Pueblo Canyon must be submitted to NMED by October 1 2009.

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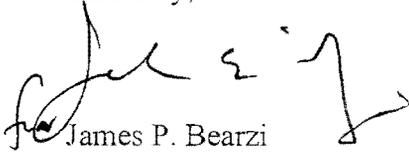
Messrs. Gregory and McInroy

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Please contact Dave Cobrain of my staff at (505) 476-6055 if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "James P. Bearzi". The signature is fluid and cursive, with a prominent initial "J" and a long, sweeping tail.

James P. Bearzi

Chief

Hazardous Waste Bureau

JPB:dc

cc: D. Cobrain, NMED HWB  
K. Roberts, NMED HWB  
T. Skibitski, NMED DOE OB  
S. Yanicak, NMED DOE OB, MS J993  
G. Saums, NMED SWQB  
L. King, EPA 6PD-N  
M Graham, LANL ENV, MS M991  
G. Rael, LANL LASO, MS A316  
P. Huber, LANL ENV, MS M992  
D. Katzman, LANL ENV, MS M992  
R. Gallegos, City of Santa Fe

file: Reading and LANL General (Los Alamos and Pueblo Canyons, Surface Water)