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Name:	U1100187	
Title:	Notice of Disapproval Baseline Geomorphic Conditions at Sediment Transport Mitigation Sites in the Los Alamos and Pueblo Canyon Watersheds LANL EPA ID NM0890010515 HWB-LANL-08-004 (Rec'd Certified Mail 70100780000229897455).	
Date Received:	1/31/2011	
Addressee Name:	M. Graham, ADEP	
Originator:	J. Bearzi, NMED	
Action Item Description:		
Action Due Date:	3/31/2011	
Responsible for Action:	Search <u>Graham, Michael J</u>	
Responsible Office:	ADEP	
Distribution:	Michael J. Graham Isaac E. RichardsonIII Michael B. Mallory David J. McInroy Phoebe K. Suina Kristine Smeltz Tina M. Sandoval	Michael R. Anastasio Richard A. Marquez Deborah K. Woitte James C. Cantwell Anthony R. Grieggs Victoria A. George Scotty Jones



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Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

**2905 Rodeo Park Drive East, Building 1
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DAVE MARTIN
Secretary

RAJ SOLOMON, P.E.
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 31, 2011

George J. Rael
Assistant Manager
Environmental Projects Office
U.S. Department of Energy
National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Michael J. Graham
Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: NOTICE OF DISAPPROVAL
BASELINE GEOMORPHIC CONDITIONS AT SEDIMENT TRANSPORT
MITIGATION SITES IN THE LOS ALAMOS AND PUEBLO CANYON
WATERSHEDS
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-08-004**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Baseline Geomorphic Conditions at Sediment Transport Mitigation Sites in the Los Alamos and Pueblo Canyon Watersheds* dated May 2010 and referenced by LA-UR-10-2990 / EP2010-0230 (Baseline Report). NMED hereby issues this Notice of Disapproval.

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Comment 1. Figure 18, Cross section near the Pueblo Canyon GCS, pages 29-30:

Figure 18 (pages 29 – 30), composed of multiple graphs, depicts cross section surveys of Pueblo Canyon near the Pueblo Canyon Grade Control Structure (GCS). According to the Monitoring Plan for Los Alamos and Pueblo Canyons Sediment Transport Mitigation Project, dated October 2009, the Permittees planned to survey a minimum of fifteen cross sections at 100-ft intervals for a distance of 1500 ft up canyon of the planned Pueblo Canyon Grade Control Structure and three cross sections at 100-ft intervals down canyon of the structure. Six cross sections are missing from Figure 18; the three cross sections up canyon and the three cross sections down canyon adjacent to the grade control structure. The missing cross section surveys are identified as -300, -200, -100, +100, +200 and +300 in Figure 17, page 28. Revise the Baseline Report to include the missing cross sections in Figure 18 or explain why the cross sections were not surveyed.

Comment 2. Figures 3, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 18, 19, 22, and 23:

Figures 3, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 18, 19, 22, and 23 consist of multiple 2-dimensional graphs, with elevation on the Y axis and distance on the X axis, depicting cross sections and thalweg profiles. The survey data used to generate the graphs were provided by the Permittees in Attachment 1. According to the Permittees, a “Geodimeter 620 total station survey method” was employed to generate the graphs. NMED could not interpret the coordinates provided in Attachment 1 or reproduce the graphs as depicted in Figures 3, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 18, 19, 22, and 23. Provide the data in a format that can be used by NMED to reproduce the graphs and evaluate the cross sectional features.

The Permittees must address the comments above and submit a response by March 31, 2011. All submittals (including tables) must be in the form of two paper copies and one electronic copy in accordance with Section XI.A of the Order.

Messrs. Rael and Graham
January 31, 2011
Page 3

Please contact Pat Stewart at (505) 476-6059 should you have any questions.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
P. Stewart, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
S. Veenis, EP-CAP, MS M992
C. Rodriguez, DOE, LASO, MS A316
File: Reading and LANL 2011, Los Alamos Canyon, Pueblo Canyon

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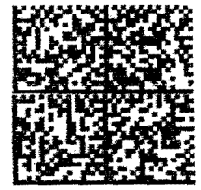
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