NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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Governor

JOHN A. SANCHEZ
Lieutenant Governor

DAVE MARTIN
Cabinet Secretary

RAJ SOLOMON, P.E.
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 9, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office, DOE
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: APPROVAL WITH MODIFICATION
INTERIM MEASURES WORK PLAN FOR STABILIZATION OF THE SANDIA CANYON WETLAND
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-11-037

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C.'s (collectively, the Permittees) document entitled *Interim Measures Work Plan for Stabilization of the Sandia Canyon Wetland* (Plan) dated May 16, 2011 and referenced by EP2011-0062.

NMED has reviewed the Plan and hereby issues this Approval with the following modifications.

1. The Permittees must submit the final design for the grade-control structure (including fill behind the structure) and the stilling basin no later than **August 31, 2011.**

2. In the final design, the Permittees must include a design for a monitoring network for post-stabilization monitoring of the effectiveness of the stabilization measures.

3. In the final design, the Permittees must propose to remove all post-1942 alluvial sediments that are present within reach S-2 of Sandia Canyon below the grade-control structure, and to place these sediments as fill behind the grade-control structure.

Should you have any questions, please contact Jerzy Kulis of my staff at (505) 476-6039.

Sincerely,

John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
M. Dale, NMED HWB
J. Kulis, NMED HWB
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