



SUSANA MARTINEZ  
Governor  
JOHN A. SANCHEZ  
Lieutenant Governor

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NEW MEXICO ENTERED  
ENVIRONMENT DEPARTMENT

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RYAN FLYNN  
Cabinet Secretary  
BUTCH TONGATE  
Deputy Secretary

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

October 13, 2015

Christine Gelles  
Acting Manager  
National Nuclear Security Administration  
Los Alamos Field Office  
3747 West Jemez Rd, MS A316  
Los Alamos, NM 87544

Michael T. Brandt  
Associate Director  
Environment, Safety, Health  
Los Alamos National Laboratory  
P.O. Box 1663, MS M991  
Los Alamos, NM 87545

**RE: APPROVAL  
WORK PLAN FOR INTERMEDIATE GROUNDWATER SYSTEM  
CHARACTERIZATION AT CONSOLIDATED UNIT 16-021(c)-99  
LOS ALAMOS NATIONAL LABORATORY  
EPA ID#NM0890010515  
HWB-LANL-15-040**

Dear Ms. Gelles and Mr. Brandt:

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 *Work Plan for Intermediate Groundwater System Characterization at Consolidated Unit 16-021(c)-99* (Plan) dated August 2015 and referenced by EP2015-0109. NMED has reviewed the Plan, and hereby issues this approval.

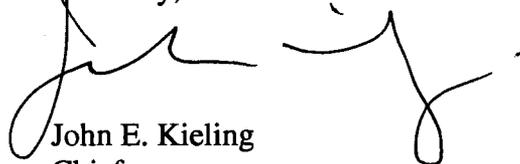
The Permittees must submit a report summarizing the results, with recommendations, associated with characterization activities as proposed in the Plan by **December 15, 2016**.



Ms. Gelles and Mr. Brandt  
October 13, 2015  
Page 2

Please contact Michael Dale at (505) 476-3078 if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "John E. Kieling". The signature is fluid and cursive, with a large initial "J" and a long horizontal stroke.

John E. Kieling  
Chief

Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB  
N. Dhawan, NMED HWB  
B. Wear, NMED HWB  
M. Dale, NMED HWB  
M. Hunter, NMED GWQB  
S. Yanicak, NMED DOE OB, MS M894  
L. King, EPA 6PD-N  
R. Martinez, San Ildefonso Pueblo  
D. Chavarria, Santa Clara Pueblo  
C. Rodriguez, DOE-EM-LA, MS A316  
J. Buckley, ENV-CP, MS K490

File: Reading and LANL 2015, Groundwater, TA-16, 16-021(c)-99