



**NEW MEXICO
ENVIRONMENT DEPARTMENT**

ESHID-600440



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SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 15, 2015

Christine Gelles, Acting Manager
U.S. Department of Energy
Los Alamos Field Office
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

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

**RE: REVIEW
REVISION 4 OF THE TECHNICAL APPROACH FOR CALCULATING
RECREATIONAL SOIL SCREENING LEVELS FOR CHEMICALS
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-15-013**

Dear Ms. Gelles and Mr. Brandt:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (collectively, the Permittees) *Revision 4 of the Technical Approach for Calculating Recreational Soil Screening Levels for Chemicals (R-SSLs)*, dated April 7, 2015 and referenced by ADESH-15-057/LAUR 15-21632.

NMED has reviewed the R-SSLs and notes that the Permittees have incorporated the changes in exposure parameter values recommended in the 2014 revision of NMED's *Risk Assessment Guidance for Site Investigations and Remediation* and used the Environmental Protection Agency's (EPA) latest version of the Regional Screening Levels (RSLs). Only one minor discrepancy was noted:

- Section 3.4, SSL Equations and Parameter Values, page 7, first sentence, indicates that the exposure equations for calculating the recreational SSLs "are provided in Equations 1 to 5." Page 8 presents three equations to calculate the recreational SSLs for non-carcinogenic effects and three equations to calculate the SSLs for carcinogenic effects. Thus, it appears that the quoted statement in the first sentence of Section 3.4 should have

U1501262

Ms. Gelles and Mr. Brandt
May 15, 2015
Page 2

been "are provided in Equations 1 to 6."
No response is required.

Please contact Neelam Dhawan of my staff at (505) 476-6042 should you have any questions.

Sincerely,

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

John E. Kielling
Chief
Hazardous Waste Bureau

cc: K. Roberts, NMED RPD
D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS M894
L. King, EPA 6PD-N
A. Duran, DOE-EM-LA, MS A316
R. Miranda, ADEP-ER, MS M992

File: Reading and LANL 2015, Review Revision 4 of Recreational Soil Screening Levels

U1501262