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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

October 14, 2014

Peter Maggiore
Assistant Manager,
Environmental Projects Office
Los Alamos Field Office, DOE
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Randy Erickson
Acting Associate Director,
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: APPROVAL
GEOPHYSICAL INVESTIGATION OF CAÑON DE VALLE
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-14-052**

Dear Messrs. Maggiore and Erickson:

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) *Geophysical Investigation of Cañon de Valle*, dated July, 2014 and referenced by EP2014-0314 (Report). The Report was received on July 31, 2014. NMED has reviewed the Report and hereby issues this approval.

The geophysical investigation and associated findings as presented in the Report indicate that the subsurface beneath the Consolidated Unit 16-021(c)-99 (260 Outfall) and Cañon de Valle, the primary contaminant sources, does contain conductive hydraulic features. These features may contribute to contaminant transport and recharge to perched and regional aquifers that contain high explosives and volatile-organic compounds. Overall, the investigation helped refine the subsurface environment beneath the site, and future characterization and/or remedial actions will benefit from this work.



Messrs. Maggiore and Erickson
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Please contact Michael Dale at (505) 661-2673 if you have questions.

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

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File: Reading and LANL 2014, TA-16 Cañon de Valle/260 Outfall Geophysics Report