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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

February 18, 2015

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

Michael Brandt
Associate Director
Environment, Safety, Health
Los Alamos National Laboratory
P.O. Box 1663, MS K491
Los Alamos, NM 87545



**RE: APPROVAL
RESULTS OF 2013 SEDIMENT MONITORING IN THE WATER CANYON AND
CAÑÓN DE VALLE WATERSHED
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-14-048**

Dear Messrs. Maggiore and 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 *Results of 2013 Sediment Monitoring in the Water Canyon and Cañon de Valle Watershed* (Results) dated June, 2014 and referenced by EP2014-0264. The document was received on June 30, 2014. NMED has reviewed the Results, and hereby issues this approval.

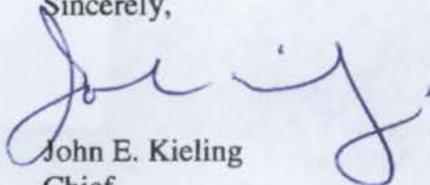
The Permittees have fulfilled NMED's requirement (see NMED, 2012: 35531) to monitor post-Las Conchas flood effects with reference to sediment and contaminant transport and geomorphic characterization for three consecutive years following the Las Conchas fire. In the Results, the Permittees states, "[b]ased on the results presented above, the Laboratory does not recommend any additional post-fire characterization of the Canon de Valle and Water Canyon watershed but recommends continued sampling of key reaches (e.g., CDV-2E, CDV-4, WA-4, and WA-6) under the annual Surveillance Sampling

program." NMED approves these recommendations.

The Permittees must continue sampling these reaches, as required by United States Department of Energy Order 231.1B Environment, Safety, and Health Reporting, and Order 458.1, Radiation Protection of the Public and the Environment, and publishing the results annually (e.g., Los Alamos National Laboratory 2013 Annual Site Environmental Report). Results and data collected at these sediment stations will be used to determine compliance with applicable federal, state, and local environmental laws and regulations, compliance orders, and/or the March 1, 2005 Compliance Order on Consent (Consent Order; revised October 29, 2012).

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

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
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File: Reading and LANL 2015, Water Canyon and Cañon de Valle Watershed