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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

January 28, 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: CERTIFICATE OF COMPLETION
ONE SOLID WASTE MANAGEMENT UNIT 00-018(A)
PUEBLO CANYON AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-14-070**



Dear Messrs. Maggiore and Brandt:

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) *Request for Certificate of Completion for One Solid Waste Management Unit in the Pueblo Canyon Aggregate Area-SWMU 00-018(a)* (Request), dated October 21, 2014 and referenced by ADESH-14-101.

Solid waste management unit (SWMU) 00-018(a) was recommended for corrective action complete without controls in the report entitled *Phase II Investigation Report for the Pueblo Canyon Aggregate Area* (Report), dated September 2010 (LA-UR-10-6411/EP2010-0384). NMED issued an Approval with Modification (AWM) for the Report on December 23, 2010.

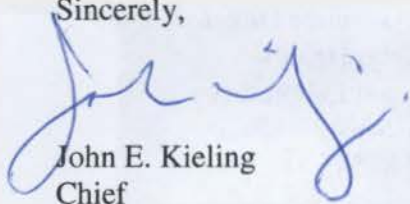
SWMU 00-018(a) is the sludge bed of the decommissioned Pueblo Canyon wastewater treatment plant located on Los Alamos County property. The plant was built between 1946 and 1948, began operating in 1951, and was decommissioned during 1991 and 1992. Final decontamination and decommissioning of the plant occurred in 2008. The plant primarily received waste from residential and business properties, including the Los Alamos Medical Center. The plant may have received waste from the Technical Area-43, Health Research

Laboratory. Investigations conducted during 1996 and 2006-2007 indicated that there are no potential unacceptable risks or doses from the residual contamination for the recreational and residential land use scenarios. At NMED's direction the Permittees evaluated the vapor-intrusion pathway as part of the residential land use scenario. The results of the evaluation did not change the conclusions presented in the Report. The results of the ecological risk-screening assessment indicated no potential unacceptable risk to ecological receptors.

NMED has determined that SWMU 00-018(a) qualifies for corrective action complete without controls status. If new information becomes available that indicates that SWMU 00-018(a) may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action.

Please contact Neelam Dhawan at (505) 476-6042, if you have any questions.

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

cc: K. Roberts, NMED-RPD
D. Cobrain, NMED HWB
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File: 2015 LANL, Certificate of Completion for 00-018(a)
LANL 14-070