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Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

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Resource Protection Division

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

EP2013-5028

January 29, 2013

Pete Maggiore
Assistant Manager
Environmental Projects Office
National Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Jeffrey D. Mousseau
Associate Director
Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: CERTIFICATE OF COMPLETION
SOLID WASTE MANAGEMENT UNIT 32-002(A)
UPPER LOS ALAMOS CANYON AGGREGATE AREA
EPA ID #NM0890010515
HWB-LANL-12-072**

Dear Messrs. Maggiore and Mousseau:

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 Certificates of Completion for Two Solid Waste Management Units and One Area of Concern in the Upper Los Alamos Canyon Aggregate Area*, dated December 20, 2012 and referenced by EP2012-0304. The certificates of completion for Solid Waste Management Unit (SWMU) 32-002(b1) and Area of Concern 32-004 were issued on December 28, 2012.

SWMU 32-002(a) is a former septic system that was installed in 1944 and served former building 32-01. The outlet drainline discharged to the edge of Los Alamos Canyon. Former building 32-01 operated as a research laboratory from 1944-1954. Research activities mainly

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involved radionuclides, but inorganic and organic chemicals also were likely used at the laboratory. Former TA 32 was decommissioned in 1954. The septic tank was removed prior to 1996, but historical records of the removal activities are not available. The drainlines were removed in 1996. Investigations were conducted in 1996, 2008, 2010, and 2011.

The results of the investigations were summarized in the *Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32, Revision 1* (dated February 2011 and referenced by LA-UR-11-1177/EP2011-0064) and *Supplemental Remedy Completion Report for Upper Los Alamos Canyon Aggregate Area, Former Technical Area 32, Rev 1* (dated January 2013 and referenced by LA-UR-13-20151/EP2013-0011). The Permittees cite the current and foreseeable future land use to be industrial/commercial. The results of the risk screening evaluations indicate that the site does not pose an unacceptable risk under this scenario. The ecological risk evaluation indicated that the site does not pose unacceptable risk to the ecological receptors under the proposed land use.

NMED hereby issues this Certificate of Completion with Controls for SWMU 32-002(a). The control for the site is that its use must be restricted to industrial/commercial activities. If new information becomes available that indicates that the site may pose a risk to human health or the environment, NMED may require 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: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
C. Rodriguez, DOE LASO, MS A316
T. Haagenstad, EP-CAP, MS M992

File: 2012 LANL, Certificate of Completion for SWMU 32-002(a), Upper Los Alamos Canyon AA Sites (LANL 12-072)

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