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(X)
**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Hazardous Waste Bureau

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ENTERED



DAVE MARTIN
Cabinet Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 14, 2011

George J. Rael, Assistant Manager
Environmental Projects Office
U.S. Department of Energy/National
Nuclear Security Administration
Los Alamos Site Office
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael J. Graham
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
PUEBLO CANYON AGGREGATE AREA
AREA OF CONCERN (AOC) 00-018(b)
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-10-096**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request for Certificate of Completion for Area of Concern 00-018(b), Bayo Wastewater Treatment Plant, Pueblo Canyon Aggregate Area*, dated December 10, 2010. Results of the associated facility demolition were presented in the *Demolition Documentation Report for the Bayo Canyon Wastewater Treatment Plant, Area of Concern 00-018(b)*, dated April 2010, and referenced by LA-UR-10-2076 and EP2010-0138.

34238



AOC 00-018(b) is the former Bayo Canyon municipal wastewater treatment plant (WWTP) that was owned and operated by Los Alamos County. The Bayo WWTP was demolished by the County between October 2009 and February 2010. Although the evaluation of potential human health and ecological risks from the site indicated that AOC 00-018(b) does not pose an unacceptable risk to human health or to ecological receptors as presented and discussed in the July 2008 *Investigation Report for Pueblo Canyon Aggregate Area Revision 1* (LA-UR-08-4765 and EP2008-0391), NMED required the Permittees to observe and document demolition of the plant to ensure that contaminant releases had not occurred or were not present beneath site structures.

NMED has determined that the requirements of the Consent Order have been satisfied and the site qualifies for "Corrective Action Complete Without Controls" status. NMED hereby issues this certificate of completion for AOC 00-018(b) pursuant to Section VII.E.6.b of the Consent Order.

If, in the future, any additional information becomes available that indicates that the site may pose a risk to human health or the environment, NMED may require the Permittees to conduct additional corrective action at the site.

Please contact Daniel Comeau at (505) 476-6043, should you have any questions.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
D. Comeau, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
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File: LANL Pueblo Canyon Aggregate Area, AOC 00-018(b), Certificate of Completion -- 2011