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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

September 3, 2019

Doug Hintze, Manager
Environmental Management
U.S. Department of Energy
Los Alamos Field Office
P.O. Box 1663 MS M984
Los Alamos, NM 87545

**RE: APPROVAL
CERTIFICATE OF COMPLETION WITH CONTROLS FOR SOLID WASTE MANAGEMENT
UNIT 03-055(c) IN THE UPPER LOS ALAMOS CANYON AGGREGATE AREA
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-19-041**

Dear Mr. Hintze:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) *Request for Certificate of Completion With Controls for Solid Waste Management Unit 03-055(c) in the Upper Los Alamos Canyon Aggregate Area* (Request) dated and received July 23, 2019, and referenced by EM-LA-40AD-00475.

The solid waste management unit (SWMU) 03-055(c) was investigated and the investigation results were included in the *Phase II Investigation Report for Upper Los Alamos Canyon Aggregate Area* (IR) that was submitted on September 27, 2018. The IR is currently being reviewed by NMED, the DOE has requested that NMED expedite review of SWMU 03-055(c) to make a determination of corrective action complete due to a business development planned in the area.

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SWMU 03-055(c) was an outfall and associated storm drain line from a fire station (building 03-41) in the northeast corner of Technical Area (TA) 03. Stormwater was channeled toward Los Alamos Canyon through a galvanized corrugated metal pipe to the outfall from the early 1960s to 1991. In 1992 the drain line was connected into a sanitary sewer system. The storm drain continues to receive stormwater runoff from parking lots located in the northern portion of TA-03 and discharge into the upper portion of the Los Alamos Canyon.

Investigations were conducted in 1992, 2008, 2012, and 2017 to define the nature and extent of contamination. The current and reasonably foreseeable land use is industrial, however, residential and construction worker risks were also evaluated and results indicate that SWMU 03-055(c) does not pose an unacceptable risk to human health under the industrial land use and construction worker scenarios. SWMU 03-055(c) does pose a potential unacceptable carcinogenic risk to human health under a residential land use scenario. The Permittees have proposed a site control restricting land use to industrial and/or commercial purposes only. The results of ecological risk screening indicate that the site does not pose an unacceptable risk to the environment.

NMED hereby issues a certificate of completion with controls for SWMU 03-055(c), restricting land use to industrial and/or commercial. If new information becomes available that indicates that the site may pose an unacceptable risk to human health or the environment, NMED may require the DOE to conduct additional investigations and/or corrective action at this site.

If you have any questions regarding this letter, please contact Siona Briley at (505) 476-6049.

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

cc:

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File: 2019 LANL, Certificate of Completion SWMU 03-055(c) Upper Los Alamos Canyon
Aggregate Area, Technical Area 03
LANL-19-041