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December 21, 2022

Arturo Duran, Designated Agency manager
U.S. Department of Energy
Environmental Management
Los Alamos Field Office
1200 Trinity Drive, Suite 400
Los Alamos, NM 87544

**RE: APPROVAL
REQUEST FOR CERTIFICATE OF COMPLETION FOR ONE SOLID WASTE MANAGEMENT UNIT AT
TECHNICAL AREA 49 OUTSIDE THE NUCLEAR ENVIRONMENTAL SITE BOUNDARY
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-22-071**

Dear Mr. Duran:

The New Mexico Environment Department (NMED) has received the United States Department of Energy's (the Permittee) *Request for Certificate of Completion for One Solid Waste Management Unit at Technical Area 49 Outside the Nuclear Environmental Site Boundary* dated and received September 21, 2022, and referenced by EMLA-2022-BF141-02-001 (Request).

Solid Waste Management Unit (SWMU) 49-005(a) was investigated and the results were included in *Supplemental Investigation Report for Site at Technical Area 49 Outside the Nuclear Environmental Site Boundary, Revision 1* (SIR) that was submitted on May 24, 2022 (referenced by EM2022-0109) and the SIR was approved by NMED on June 29, 2022. Following the approval of the SIR, the Permittee submitted the Request for Certificate of Completion for SWMU 49-005(a) on September 21, 2022.

SWMU 49-005(a) was an inactive landfill that was constructed in 1984 as a disposal area for non-radioactively-contaminated debris removed from Technical Area 10. The debris were deposited into a small unlined pit near Area of Concern 49-002 and north of the road from Area 10. Investigations were conducted in 1995 and 2015 to define the nature and extent of the contamination.

The results presented in the SIR indicated that SWMU 49-005(a) does not pose an unacceptable risk to human health under the residential, industrial, and construction worker land use scenarios. The results of ecological risks indicates that the site does not pose a risk above Hazard Index (HI) of 1.0, to the environment.

NMED hereby issues a certificate of completion without controls for SWMU 49-005(a).

If new information becomes available that indicates that the site may pose an unacceptable risk to

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human health or the environment, NMED may require additional investigations and/or corrective action at this site.

If you have any questions regarding this letter, please contact Siona Briley at (505) 690-5160.

Sincerely,

**Rick
Shean**

Rick Shean

Chief

Hazardous Waste Bureau

Digitally signed by
Rick Shean
Date: 2022.12.21
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cc:

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File: 2022 LANL, TA-49, Approval Certificate of Completion for One SWMU at TA-49 Outside NES
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