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January 26, 2023

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: PHASE II THREEMILE CANYON AGGREGATE AREA PROGRESS REPORT
LOS ALAMOS NATIONAL LABORATORY
EPA IS #NM0890010515
LANL-22-063**

Dear Mr. Duran

The New Mexico Environment Department (NMED) has received the United States Department of Energy's (DOE) *Phase II Threemile Canyon Aggregate Area Progress Report* (Report) dated and received September 19, 2022, and referenced by EM2022-0578.

The Report was submitted to fulfill the 2016 Compliance Order of Consent (Consent Order) requirement for the fiscal year (FY) 2022 Milestone #16 of Appendix B, under the Threemile Canyon Aggregate Area Campaign in Pajarito Watershed. The Report summarizes the field investigations conducted by the DOE Environmental Management Los Alamos Field Office (EM-LA) and Newport News Nuclear BWXT-Los Alamos, LLC (N3B). The Report presents the status of fieldwork implementation and site investigations completed to date for the Threemile Canyon Aggregate Area. Sampling in the Threemile Canyon Aggregate Area was initiated at one Area of Concern (AOC), 15-008(g), and at one Solid Waste Management Unit (SWMU), 15-009(b).

AOC 15-008(g) is the location of a former pile of broken sandbags previously used as shielding for the explosives tests conducted at Firing Site R-45. Fieldwork occurred February 23, 2022, with a total of 12 samples collected from 6 locations. SWMU 15-009(b) is a septic system consisting of a former septic tank (structure 15-61), a seepage pit, associated drainlines, and a former outfall. A total of 4 samples were collected from 2 locations at SWMU 15-009(b) on February 23, 2022.

According to the *Investigation Work Plan for Threemile Canyon Aggregate Area, Revision 3*, SWMU 15-010 (b) has additional sampling required. NMED notes that the Target listed in Appendix B under Milestone #16 is anticipating the submittal of the Phase II investigation report and requisite risk assessment for the field work completed by 09/30/2023. NMED is

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expecting that all field investigation for Threemile Canyon Aggregate Area be completed, and the IR submitted according to the Target Date listed in FY 2022 of Appendix B.

If you have any questions regarding this letter, please contact Caitlin Martinez at (505) 690-4742.

Sincerely,

**Rick
Shean**

Rick Shean
Bureau Chief
Hazardous Waste Bureau

Digitally signed by
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File: LANL 2023, Progress Report for Threemile Canyon Aggregate Area Phase II IR, FY 2022
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