



January 11, 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: NORTH ANCHO CANYON AGGREGATE AREA PHASE II INVESTIGATION PROGRESS  
REPORT  
LOS ALAMOS NATIONAL LABORATORY  
EPA IS #NM0890010515  
LANL-22-068**

Dear Mr. Duran

The New Mexico Environment Department (NMED) has received the United States Department of Energy's (DOE) *North Ancho Canyon Aggregate Area Phase II Investigation Progress Report* (Report) dated and received September 27, 2022 and referenced by EM2022-0584.

The Report was submitted to fulfill the 2016 Compliance Order of Consent (Consent Order) requirement for the fiscal year (FY) 2022 Milestone #14 of Appendix B, under the North Ancho Canyon Aggregate Area Campaign in Southern External Boundary. 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 North Ancho Canyon Aggregate Area. Sampling in the North Ancho Canyon Aggregate Area was initiated at one Area of Concern (AOC) 39-002(b), and at one Solid Waste Management Unit (SWMU) 39-002(a).

AOC 39-002(b) is a former satellite accumulation area (SAA) located on a concrete pad adjacent to structure 39-6 in SWMU 39-004(c). Fieldwork occurred between July 31-August 17, 2022, with a total of 29 samples collected from 10 locations. SWMU 39-002(a) consists of three former storage areas; Area 1 is an outdoor (SAA), Area 2 is a former indoor SAA located in former building 39-2, and Area 3 is a former outdoor SAA and a holding/receiving area to the southeast side of former building 39-2. A total of 111 samples were collected from 37 locations at Area 1 of SWMU 39-002(a) beginning on July 26, 2022. A total of 3 samples were collected from 1 location at Area 2 of SWMU 39-002(a).

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According to the *Phase II Investigation Work Plan for North Ancho Canyon Aggregate Area, Revision 1*, the activities needed to complete the investigation required additional sampling at 5 SWMUs (SWMU 39-001(a), SWMU 39-002(a), SWMU 39-006(a), SWMU 39-007(a) and SWMU 39-010) and 1 AOC (AOC 39-002(b)). NMED notes that the target listed in Appendix B for FY 2022 under Milestone #14 is anticipating the completion of sample collection, and the submittal of the Phase II investigation report and requisite risk assessment for the North Ancho Canyon Aggregate Area by 06/30/2023. NMED is expecting that all field investigation for North Ancho Canyon Aggregate Area will be completed, and the IR submitted according to this target date listed in FY 2022 of Appendix B.

NMED acknowledges that DOE has met the requirement of FY 2022 Milestone #14 for the North Ancho Canyon Aggregate Area Campaign in Southern External Boundary.

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

Sincerely,

**Rick Shean**

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Rick Shean  
Bureau Chief  
Hazardous Waste Bureau

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LANL-22-068