



September 19, 2023

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

RE: REVIEW
2023 ANNUAL PERIODIC MONITORING REPORT FOR THE MATERIAL DISPOSAL AREA C
MONITORING GROUP, MORTANDAD CANYON WATERSHED
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-23-037

Dear Mr. Duran:

The New Mexico Environment Department (NMED) has received the United States Department of Energy's (DOE) *2023 Annual Periodic Monitoring Report for the Material Disposal Area C Monitoring Group, Mortandad Canyon Watershed* (Report), dated May 2023 and referenced by EM2023-0302. The Report was received by NMED on May 31, 2023.

NMED reviewed the Report and has the following comments:

- Section 1.0, Introduction, includes the incorrect document citation for the "Interim Facility-Wide Groundwater Monitoring Plan for the 2023 Monitoring Year, October 2022-September 2023". The citation referenced in the Report is for the 2021 Monitoring Year. Revise the reference to the correct document.
- This Report should contain results from the periodic monitoring event field sampling period from November 15, 2022-November 21, 2022. However, all the sampling dates provided in Table C-1, Analytical Results from the Periodic Monitoring Event Reported in this Periodic Monitoring Report, demonstrate results from sample dates November 15, 2021-November 17, 2021. Revise Table C-1 to include the sampling results from the required periodic monitoring event through the first quarter of MY2023.
- As stated in the Report, results for Low-Level tritium were not reported for MY2023 in Table C-1 or Table C-2 for locations R-14 S1, R-46 and R-60. Provide results for Low-Level tritium when it is available.

NMED notes that this is a periodic monitoring report, and this review does not constitute approval of the reference documents and content of the Report. Please provide a response to NMED comments within 45 days of receipt of this letter.

Should you have any questions regarding this correspondence, please contact Kylian Robinson at (505) 231-5423.

Sincerely,


**Rick
Shean**

Rick Shean

Designated Agency Manager

Director, Resource Protection Division

New Mexico Environment Department

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