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CERTIFIED MAIL – RETURN RECEIPT REQUESTED

October 14, 2016

Doug Hintze, Manager
U.S. Department of Energy
EM-Los Alamos Field Office, DOE
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Michael T. Brandt, Associate Director
Environment, Safety, and Health
Los Alamos National Laboratory
P.O. Box 1663, MS M991
Los Alamos, NM 87545

U16021117

RE: PERIODIC MONITORING REPORT FOR TECHNICAL AREA 54 MONITORING GROUP, FIRST QUARTER, MONITORING YEAR 2016 LOS ALAMOS NATIONAL LABORATORY EPA ID#NM0890010515 HWB-LANL-16-025

Dear Messrs. Hintze and Brandt:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C.'s (LANS) (collectively, the Permittees) *Periodic Monitoring Report for Technical Area 54 Monitoring Group, First Quarter, Monitoring Year 2016* (Report), dated May 2016 and referenced by LA-UR-16-23026/EP2016-0040. The Report was received on May 17, 2016. NMED has reviewed the Report and has the following comments:

COMMENTS:

Appendix B, Page B-49:

NMED Comment: Transducer (continuous) and manual groundwater level data were not reported for R-20 S2 from May 12, 2015 through October 26, 2015. The groundwater sampling event occurred on October 26, 2015.

Appendix B, Page B-93:

NMED Comment: The only reported groundwater level data for this monitoring period from R-23i S2 was a manual measurement taken on September 3, 2015. No groundwater level measurement was reported for the October 26, 2015 groundwater sampling event.

Appendix B, Page B-338:

NMED Comment: From April 10, 2015, through October 21, 2015, only three groundwater level measurements were reported from R-52 S2. These groundwater level measurements were manual measurements collected on June 2, 2015, June 17, 2015, and September 4, 2015. No groundwater level measurement was reported for the October 21, 2015, groundwater sampling event.

Appendix B, Page B-482:

NMED Comment: Transducer (continuous) and manual groundwater level data were not reported for R-56 S2 from April 3, 2015, through April 19, 2015.

Appendix B, Page B-512:

NMED Comment: Transducer (continuous) and manual groundwater level data were not reported for R-57 S2 from April 16, 2015, through June 30, 2015.

Continuous and manual groundwater level measurements are described in the approved *MY2016 Interim Facility-Wide Groundwater Monitoring Plan*. In the future, provide complete continuous and manual groundwater level data in the Report, including the water level measurement on the groundwater sampling date, or discuss the gaps in reporting of the groundwater level data.

Please contact Mike Space at (505) 476-6059 should you have any questions or comments.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB
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File: Reading and LANL 2016, Groundwater, Technical Area 54 Monitoring Group, First Quarter
LANL 16-025

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