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**EMID-701214
Rec'd 2/4/21**

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

February 4, 2021

Arturo Duran
Designated Agency Manager
Environmental Management
U.S. Department of Energy
Los Alamos Field Office
P.O. Box 1663 MS M984
Los Alamos, NM 87544

RE: REVIEW
2020 ANNUAL PERIODIC MONITORING REPORT FOR THE GENERAL SURVEILLANCE MONITORING GROUP: LOS ALAMOS AND PUEBLO CANYON, MORTANDAD AND SANDIA CANYON, WATER CANYON/CAÑON DE VALLE, WHITE ROCK CANYON, AND PAJARITO CANYON WATERSHEDS, NOVEMBER 2020
LOS ALAMOS NATIONAL LABORATORY (LANL)
EPA ID #NM0890010515
LANL-20-083

Dear Mr. Duran:

The New Mexico Environment Department (NMED) has received the United States Department of Energy's (DOE) *2020 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, White Rock Canyon, and Pajarito Canyon Watersheds* (Report), dated November 2020 and referenced by EM2020-0559. The Report was received on November 30, 2020. NMED has reviewed the Report and has the following comment for DOE to address in future submittals.

- Table C-1 of Appendix C, trichloroethane[1,1,1-] is listed with a detected concentration of 65 micrograms per liter (ug/l) at monitoring well 03-B-13 in the 10/29/2019 sample and is a recurring detection based on past sampling events. This compound is regulated at a concentration at and above 0.2 milligrams per liter (mg/l). However, Table C-1 appears to indicate that the screening value for this compound is 0.2 ug/l. This recurring detection is also presented graphically as an exceedance in the first chart on page E-1 of Appendix E *Analytical Chemistry Graphs of Screening-Value Exceedances* but using units of mg/l. However, this

detection is not reported as an exceedance in Table 5.2-1 - *General Surveillance Monitoring Group Results above Screening Values* nor is the compound included in Table 4.2-1, considering the method detection limit of 0.3 ug/l would exceed the screening value presented in Table C-1. Please rectify these seemingly conflicting presentations for this detection in future submittals.

If this detection is not an exceedance, correct the screening value and/or unit of measurement used in Table C-1 and the appearance of the detection graphically in Appendix E. If this detection is an exceedance, edit Table 5.2-1 and other relevant sections of the report to reflect that this detection is an exceedance.

Should you have any questions regarding this correspondence, please contact Christopher Krambis of my staff at (505) 476-3078.

Sincerely,

**Kevin
Pierard**

Digitally signed by
Kevin Pierard
Date: 2021.02.04
14:07:26 -07'00'

Kevin M. Pierard, Chief
Hazardous Waste Bureau

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File: Reading and LANL 2021, Review Letter for Monitoring Year 2020 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group.