



MICHELLE LUJAN GRISHAM
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JAMES C. KENNEY
CABINET SECRETARY

May 5, 2022

ESHID-603694

Karen Armijo, Manager
Department of Energy-NNSA
Los Alamos Field Office
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Jennifer E. Payne, Division Leader
Environmental Protection & Compliance
Triad National Security, L.L.C.
P.O. Box 1663, MS K491
Los Alamos, NM 87545

RE: REVIEW
TECHNICAL AREA 63 (TA-63) TRANSURANIC WASTE FACILITY SOIL VAPOR
MONITORING SYSTEM REPORT, FEBRUARY 2022 (QUARTER 18)
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-22-021

Dear Ms. Armijo and Ms. Payne:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) National Nuclear Security Administration, Los Alamos Field Office (NA-LA) and the Triad National Security, LLC (Triad) (collectively the Permittees) *Technical Area 63 (TA-63) Transuranic Waste Facility Soil Vapor Monitoring System Report, November 2021 (Quarter 18)* (Report) dated and received March 29, 2022, and referenced by EPC-DO-22-093 and LA-UR-22-22506.

Soil vapor monitoring was conducted at Technical Area 63 Transuranic Waste Facility on February 1, 2022, for the eighteenth quarter of monitoring. The Report indicates that vapor concentrations for volatile organic compounds (VOCs) from the five vapor monitoring wells (VMWs), 1 through 5, did not exceed soil-gas screening levels (SGSLs) for the identified constituents in Tables 3.14.3.1, 3.14.3.2, and 3.14.3.3 of Part 3 of the Los Alamos National Laboratory's RCRA Permit.

On December 16, 2021, NMED received a *15-day Notification of newly Detected Constituent in Vapor Monitoring Well, Technical Area 63, Transuranic Waste Facility* (Notification), referenced by EPC-DO-21-394/LA-UR-21-31970. In this Notification, the Permittees stated that sample results received from the analytical laboratory on December 3, 2021, indicated that xylene[1,3-]+xylene[1,4-] (m-xylene and p-xylene) was detected at 10 µg/m³ at the five-foot sampling port vapor monitoring well VMW-1 at (63-2009). On December 21, 2021, NMED met with the Permittees and agreed with DOE to monitor for xylene[1,3-] and xylene[1,4-] at the five-foot

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sampling port at location VWM-1 (63-009) in future sampling events. The Quarter 18 sampling event did not indicate the presence of the forementioned xylene isomers. However, as stated in the Report, DOE must continue to monitor for the xylene isomers during future sampling events.

NMED has reviewed the Report and has no further comments at this time. If you have any questions regarding this letter, please contact Mitchell Schatz (505) 690-5910.

Sincerely,

Rick Shean

Digitally signed by Rick
Shean
Date: 2022.05.05
13:43:02 -06'00'

Rick Shean
Bureau Chief
Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB
M. Schatz, NMED HWB
M. Petersen, NMED HWB
S. Yanicak, NMED DOE OB
L. King, US EPA Region 6
K. Armijo, NA-LA
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File: 2022 LANL, Review Letter TA-63 TWF Soil Vapor Monitoring System Report, QTR 18
LANL-22-021

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From: [Martinez, Cynthia, ENV](#)
To: [Armijo, Karen](#); [Payne, Jen](#)
Cc: [Shean, Rick, ENV](#); [Dhawan, Neelam, ENV](#); [Schatz, Mitchell, ENV](#); [Petersen, Michael, ENV](#); [Yanicak, Steve, ENV](#); [Laurie King](#); [Rogers, Kim A.](#); [Story-Hughes, Sandra Dee](#); [Duran, Arturo Q.](#); [Padilla, Patrick L](#); epc-correspondence@lanl.gov; ["lasomailbox@nnsa.doe.gov"](mailto:lasomailbox@nnsa.doe.gov); [locatesteam](#); rcra-prr@lanl.gov
Subject: [EXTERNAL] Review Letter to Karen Armijo and Jennifer Payne
Date: Thursday, May 5, 2022 1:59:16 PM
Attachments: [Review TA 63 SVE Rpt Q18 May 2022.pdf](#)

Good Afternoon,
Please see attached.

Cynthia Martinez
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