



ESHID-603733

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December 12, 2022

Karen Armijo, Manager
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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, TRANSURANIC WASTE FACILITY, SOIL VAPOR MONITORING
SYSTEM REPORT, JULY 2022 (QUARTER 20)
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-22-067

Dear Karen Armijo and Jennifer 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, Transuranic Waste Facility, Soil Vapor Monitoring System Report, July 2022 (Quarter 20)* (Report) dated and received September 26, 2022, and referenced by EPC-DO-22-251/LA-UR-22-29925.

Soil vapor monitoring was conducted at Technical Area 63 Transuranic Waste Facility on July 28, 2022, for the twentieth (20th) quarter of monitoring. The Report indicates that vapor concentrations for volatile organic compounds (VOCs) from the five (5) 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 September 7, 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-22-243/LA-UR-22-29055. In this Notification, the Permittees stated that sample results received from the analytical laboratory on August 24, 2022, indicated that Propanol[2-] was detected at 29 $\mu\text{g}/\text{m}^3$ at the five-foot sampling port vapor monitoring well VMW-3 at (63-2011) for the first time. However, Propanol[2-] has been detected in samples from other monitoring wells during previous quarters. NMED notes that Propanol[2-] is not one of the constituents listed in Table 3.14.3.1 of the Permit.

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Hazardous Waste Bureau - 2905 Rodeo Park Drive, Building 1, Santa Fe, New Mexico 87505 - (505) 476-6000
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On November 10, 2022, NMED sent a request to DOE for a replacement of Figure 3, on page 11 of the document. NMED received the requested page, along with an updated copy of the document on November 14, 2022.

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 at (505) 690-5910.

Sincerely,

**Rick
Shean**
Rick Shean
Bureau Chief
Hazardous Waste Bureau

Digitally signed by
Rick Shean
Date: 2022.12.12
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