



ESHID-603747

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February 22, 2023

Theodore A. Wyka, Manager
National Security Administration
Los Alamos National Laboratory
3747 West Jemez Road, A 316
Los Alamos, NM 87544

Michael Mikolanis, Manager
DOE Environmental Management
Los Alamos Field Office
1200, Trinity Drive, Suite 400
Los Alamos, NM 87545

**RE: APPROVAL
PROPOSED METHODOLOGY FOR SAMPLING POLYFLUOROALKYL AND PERFLUOROALKYL
COMPOUNDS AT LOS ALAMOS NATIONAL LABORATORY FOR THE CLOSURE OF
THE AREA 16-399 BURN TRAY
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-22-039**

Dear Mr. Wyka and Mr. Mikolanis:

On February 15, 2023, the New Mexico Environment Department (NMED) received the United States Department of Energy (DOE), Triad National Security (Triad), LLC, and Newport News Nuclear BWXT-Los Alamos, LLC (N3B) (collectively referred to as the Permittees) *Proposed Methodology for Sampling Polyfluoroalkyl and Perfluoroalkyl Compounds at Los Alamos National Laboratory for the Closure of the Technical Area 16-399 Burn Tray* (Method Request) referenced by EPC-DO-23-016/LA-UR-23-20276.

The Permittees are proposing to use modified sampling method 537 for polyfluoroalkyl and perfluoroalkyl compounds for soil sampling at Technical Area 16-399 Burn Tray. NMED notes that the analytical laboratory GEL LLC refers to the modified method as 537.1.

The analytical method detection limits would be below the threshold for NMED Soil Screening Guidance (SSG) screening levels. NMED notes that the modified method 537.1, and draft method 1633 are each can only sample for the same eight (8) of the twelve (12) compounds currently listed in Appendix A of the 2022 SSG.

NMED has reviewed the Method Request and hereby approves the use of EPA method 537.1 for soil sampling for polyfluoroalkyl and perfluoroalkyl compounds for the scope of this closure activity at TA 16-399 Burn Tray.

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Hazardous Waste Bureau - 2905 Rodeo Park Drive, Bldg. 1, Santa Fe, New Mexico 87505 - (505) 476-6000
www.env.nm.gov

If you have any questions regarding this letter, please contact Siona Briley of my staff at (505) 690-5160 or via email at Siona.Briley@env.nm.gov .

Sincerely,

**Rick
Shean**

Rick Shean

Digitally signed by
Rick Shean
Date: 2023.02.22
11:05:12 -07'00'

Acting Hazardous Waste Bureau Chief and Resource Protection Division Director
Hazardous Waste Bureau

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File: 2023 LANL, TA-16, Approval Proposed Methodology for Sampling Polyfluoroalkyl and Perfluoroalkyl Compounds at Los Alamos National Laboratory for the Closure of the Technical Area 16-399 Burn Tray
LANL-22-039