



State of New Mexico
ENVIRONMENT DEPARTMENT



Hazardous Waste Bureau

SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6313
Phone (505) 476-6000 Fax (505) 476-6030
www.env.nm.gov

BUTCH TONGATE
Cabinet Secretary
J.C. BORREGO
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

ESHID-603080

May 23, 2018

William S. Goodrum, Manager
DOE/NNSA
Los Alamos Field Office
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

William R. Mairson, Associate Director
Environment, Safety, and Health
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS K491
Los Alamos, NM 87545

**RE: TECHNICAL AREA 63 TRANSURANIC WASTE FACILITY SOIL VAPOR
MONITORING SYSTEM REPORT, QUARTER 2,
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-18-016**

U1800720

Dear Messrs. Goodrum and Mairson:

The New Mexico Environment Department (NMED) has received the *Technical Area 63 Transuranic Waste Facility Soil Vapor Monitoring System Report, Quarter 2* (Report) dated and received on March 30, 2018, and referenced by EPC-DO-18-139 and LA-UR-18-22655.

Soil vapor monitoring was conducted at Technical Area 63 Transuranic Waste Facility on January 30, 2018, for the second quarter of the monitoring year. The Report indicates that vapor concentrations 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 Permit. NMED has reviewed the Report and has the following comments.

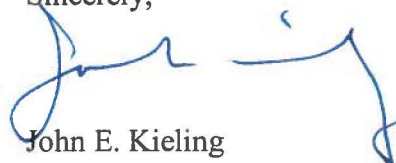
Comments:

1. Table 1: Detected volatile organic compounds at TA-63 Transuranic Waste Facility Vapor Monitoring System-Quarter 2, page 2

- a. The table reports SGSL for trichloro-1,2,2-trifluoroethane[1,1,2-] from the port depth of 60 feet as 6.86E+8. The correct value is 1.38E+9 for the port depth of 60 feet (see Table 3.14.3.3 of the Permit).
 - b. Sample ID MDA54-18-150790 (field duplicate) is listed under the Well column as VMW-5 63-2011. Well ID VMW-5 is not associated with location ID 63-2011. The correct well ID for this location is VWM-3 (see Sample Collection Log/Field Chain of Custody, page 5, for the October 29, 2015 Report, referenced by ENV-DO-15-0305/LA-UR-15-28198). In addition, the table reports SGSL for trichloroethene from the port depth of 5 feet at 1.57E+5. The correct value for port depth of 5 feet is 1.94E+4 (see Table 3.14.3.1 of the Permit).
2. In the next monitoring report, please provide an additional table showing both current and previous quarter results for tracking purposes.

Please revise Table 1 and submit the replacement page(s). If you have any questions or comments regarding this letter, please contact Mitchell Schatz (505) 476-6051.

Sincerely,



John E. Kieling
Chief
Hazardous Waste Bureau

cc:

N. Dhawan, NMED HWB
S. Briley, NMED HWB
M. Schatz, NMED HWB
L. King, EPA Region 6
K. Armijo, NA-LA
E. Torres, EPC-DO
S. Yanicak, NMED DOE OB, MS J993
K. Ellers, ADEM-MS M992
locatesteam@lanl.gov

File: 2018 LANL, Monitoring Report for TA-63 TWF Soil Vapor Monitoring System,
QTR 2
HWB-LANL-18-016

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From: Martinez, Cynthia, NMENV
To: steve.goodrum@nnsa.doe.gov; [Mairson, William Raymond](#)
Cc: [Kieling, John, NMENV](#); [Dhawan, Neelam, NMENV](#); [Briley, Siona, NMENV](#); [Schatz, Mitchell, NMENV](#); ["king.laurie@epa.gov"](mailto:king.laurie@epa.gov); karen.armijo@nnsa.doe.gov; [Torres, Enrique](#); [Yanicak, Steve, NMENV](#); [Eilers, Kate; locatesteam](#)
Subject: Letter to Mr. Goodrum and Mr. Mairson
Date: Wednesday, May 23, 2018 1:43:41 PM
Attachments: [LANL 2018- Monitoring Rpt for TA-63 TWF Soil Vapor Monitoring System QTR 2 HWB-LANL-18-016.pdf](#)

**Good Afternoon,
Please open attachment.**

**Cynthia Martinez
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Bldg.1
Santa Fe, New Mexico 87505
Phone 505-476-6000**

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