



October 20, 2022

Arturo Duran
Designated Agency Manager
Environmental Management
U.S. Department of Energy
Los Alamos Field Office
1200 Trinity Drive, Suite 400
Los Alamos, New Mexico, 87544

RE: REVIEW
PERIODIC MONITORING REPORT FOR 2020 VAPOR-SAMPLING ACTIVITIES AT MATERIAL DISPOSAL AREA C, SOLID WASTE MANAGEMENT UNIT 50-009, AT TECHNICAL AREA 50
PERIODIC MONITORING REPORT FOR 2021 VAPOR-SAMPLING ACTIVITIES AT MATERIAL DISPOSAL AREA C, SOLID WASTE MANAGEMENT UNIT 50-009, AT TECHNICAL AREA 50
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-21-040 and HWB-LANL-22-053

Dear Mr. Duran:

The New Mexico Environment Department (NMED) has received the United States Department of Energy's (DOE) *Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50* (Report), dated July 2021 and referenced by EM2021-0343. The Report was received by NMED on July 28, 2021.

NMED has also received DOE's *Periodic Monitoring Report for 2021 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50* (Report), dated August 2022 and referenced by EM2022-0434. The Report was received by NMED on August 11, 2022.

NMED reviewed the Reports and encourages DOE to routinely activate the active soil vapor extraction boreholes to reduce contaminant mass and reduce the VOC plume footprint. VOC constituents Trichloroethene, Methyl Chloride, Propanol[2-], Dioxane[1,4-], and Trichloroethane[1,1,2-] exceed the Teir 1 potential for groundwater impact.

NMED also notes that these are periodic monitoring reports and this review does not constitute approval of the reference documents and content of the Report.

Should you have any questions regarding this correspondence, please contact Michael Petersen of my staff at (505) 690-5107.

Sincerely,

Rick Shean

Digitally signed by Rick

Shean

Date: 2022.10.20

13:52:27 -06'00'

Rick Shean

Chief

Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB
C. Martinez, NMED HWB
B. Masse, NMED-DOE-0B
S. Yanicak, NMED-DOE-0B
P. Longmire, NMED- GWQB
L. King, US EPA Region 6
R. Martinez, San Ildefonso Pueblo, NM
D. Chavarria, Santa Clara Pueblo, NM
C. Rodriguez, EM-LA
H. Shen, EM-LA
P. Maestas, N3B
C. Maupin, N3B
W. Alexander, N3B
emla.docs@em.doe.gov
RegDocs@EM-LA.DOE.GOV

File: LANL 2022, Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50, July 2021
LANL 21-040

LANL 2022, Periodic Monitoring Report for 2021 Vapor-Sampling Activities at Material Disposal Area C, Solid Waste Management Unit 50-009, at Technical Area 50, August 2022
LANL 22-053