



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 L, SOLID WASTE MANAGEMENT UNIT 54-006, AT TECHNICAL AREA 54
PERIODIC MONITORING REPORT FOR 2021 VAPOR-SAMPLING ACTIVITIES AT MATERIAL DISPOSAL AREA L, SOLID WASTE MANAGEMENT UNIT 54-006, AT TECHNICAL AREA 54
LOS ALAMOS NATIONAL LABORATORY
EPA ID#NM0890010515
HWB-LANL-21-041
HWB-LANL-22-032

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 L, Solid Waste Management Unit 54-006, at Technical Area 54* (Report), dated May 2021 and referenced by EM2021-0242. The Report was received by NMED on May 30, 2021.

NMED has also received DOE's *Periodic Monitoring Report for 2021 Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54* (Report), dated May 2022 and referenced by EM2022- 0165. The Report was received by NMED on May 31, 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 Benzene, Carbon Tetrachloride, Chloroform, Dichloroethane[1,1-], Dichloroethane[1,2-], Dichloroethene[1,1-], Dichloropropane[1,2-], Dioxane[1,4-], Isopropanol/propanol[2-], Methylene chloride, Tetrachloroethene, Trichloroethane[1,1,1-], Trichloroethane[1,1,2-], and Trichloroethene (TCE) exceed the Tier 1 potential for groundwater impact.

NMED 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
13:54:29 -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: 2022 LANL, Periodic Monitoring Report for 2020 Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54
May 2021
LANL 21-041
2022 LANL,
Periodic Monitoring Report for 2021 Vapor-Sampling Activities at Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54
May 2022
LANL 22-032