



DEPARTMENT OF ENERGY
 Environmental Management Los Alamos Field Office (EM-LA)
 Los Alamos, New Mexico 87544

EMLA-2021-BF109-02-001

June 25, 2021

Mr. Ricardo Maestas
 Acting Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, NM 87505-6303



Subject: Request for Certificates of Completion for Eleven Solid Waste Management Units and Three Areas of Concern in the Upper Los Alamos Canyon Aggregate Area

Dear Mr. Maestas:

In accordance with Section XXI of the 2016 Compliance Order on Consent (Consent Order), the U.S. Department of Energy (DOE) is requesting certificates of completion without controls for the following eight solid waste management units (SWMUs) and three areas of concern (AOCs) within the Upper Los Alamos Canyon Aggregate Area:

- AOC C-00-044, Soil Contamination
- SWMU 01-001(a), Septic Tank 134
- SWMU 01-001(s2), Waste Line
- SWMU 01-003(b2), Surface Disposal Site
- SWMU 01-006(a), Drainline and Outfall
- AOC 01-006(e), Drainlines and Outfall
- SWMU 01-007(c), Soil Contamination Associated with TA-1 Buildings and Structures
- SWMU 03-038(a), Soil Contamination from Former Building 3-700
- SWMU 03-038(b), Soil Contamination from Former Acid Tank
- SWMU 32-002(b2), Soil Contamination from Former Septic Tank
- AOC C-43-001, Storm Drain Associated with Building 43-1 Loading Dock

SWMUs 01-001(a), 01-001(s2), 01-003(b2), 01-006(a), 01-007(c), 03-038(a), 03-038(b), and 32-002(b2), and AOCs C-00-044, 01-006(e), and C-43-001 were recommended for corrective action complete without controls in the "Phase II Investigation Report for Upper Los Alamos Canyon Aggregate Area, Revision 1" (hereafter the Phase II IR) (EM2021-0035). The Phase II IR confirms the nature and extent of contamination are defined or no further sampling is warranted at SWMUs 01-001(a), 01-001(s2), 01-003(b2), 01-006(a), 01-007(c), 03-038(a), 03-038(b), and 32-002(b2), and AOCs C-00-044, 01-006(e), and C-43-001. In addition, the Phase II IR demonstrates that the above-mentioned SWMUs and AOCs pose no potential unacceptable risks or doses to human health under the residential, construction worker, and as applicable, industrial scenarios and pose no potential unacceptable risk to ecological receptors. Therefore, neither site controls nor additional future actions under the Consent Order are necessary at these 11 sites.

In addition, DOE is requesting certificates of completion with controls for the following three SWMUs:

- SWMU 01-001(d3), Soil Contamination from Septic Tank 138
- SWMU 01-003(d), Surface Disposal Site
- SWMU 61-007, Soil Contamination Associated with Transformer Staging Area

SWMUs 01-001(d3), 01-003(d), and 61-007, which are all located on DOE property, were recommended for corrective action complete with controls in the Phase II IR. The Phase II IR confirms the nature and extent of contamination are defined or no further sampling is warranted at these three SWMUs. The Phase II IR also demonstrates these SWMUs pose no potential unacceptable risk or dose to human health under the industrial and construction worker scenarios and pose no potential unacceptable risk to ecological receptors. The sites do pose potential unacceptable human health risk under the residential scenario. Therefore, site controls to prevent future residential land use are necessary at these three sites.

The Phase II IR, including the recommendations for corrective action complete for the above-listed 14 sites, was approved in the New Mexico Environment Department's letter, "Approval Phase II Investigation Report of Upper Los Alamos Canyon Aggregate Area, Revision 1," dated March 23, 2021.

If you have any questions, please contact Kent Rich at (505) 660-6570 (kent.rich@em-la.doe.gov) or Cheryl Rodriguez at (505) 414-0450 (cheryl.rodriguez@em.doe.gov).

Sincerely,

M Lee
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Arturo Q. Duran
Designated Agency Manager
Environmental Management
Los Alamos Field Office

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