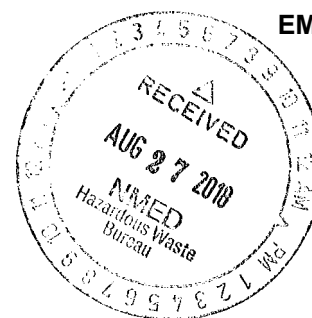




**N3B – Los Alamos**  
600 6th Street  
Los Alamos, New Mexico 87544  
(303) 489-2471



Date: **AUG 27 2018**  
Refer To: N3B-18-0199

John Kieling, Bureau Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6303

**Subject: 15-Day Sampling Notification for Known Cleanup Site Campaign at  
Technical Areas 50 and 46**

Dear Mr. Kieling:

On September 10 and 13, 2018, Newport News Nuclear BWXT – Los Alamos, LLC (N3B) is scheduled to conduct soil sampling as part of the Known Cleanup Sites Campaign to be conducted in the Upper Mortandad Canyon (Technical Area 50 [TA-50]) and Upper Cañada del Buey Canyon Aggregate Areas (TA-46), respectively. The sites to be sampled and remediated include Solid Waste Management Units (SWMUs) 50-006(d) and 46-004(q).

The sampling and remediation effort for SWMU 50-006(d) is in response to americium-241 and cesium-137 analytical results and recommendations set forth in the Supplemental Investigation Report for Upper Mortandad Canyon Aggregate Area, dated December 2015. Although not governed by the Resource Conservation and Recovery Act, the americium-241 and cesium-137 data presented in this report indicated additional sampling and remediation are required to achieve construction worker screening levels. Soil and tuff samples will be collected to determine the extent of contamination, and the site will be remediated.

The sampling and remediation effort for SWMU 46-004(q) is in response to the analytical results and recommendations set forth in the Supplemental Investigation Report for Upper Cañada del Buey Aggregate Area, dated August 2016. Based on the analytical data, mercury was detected above the soil background value (0.1 mg/kg), with the maximum concentration of 824 mg/kg detected from 1.0 to 2.0 ft below ground surface. Therefore, soil and tuff samples will be collected to confirm the extent of contamination and the site excavated until concentrations are below construction worker soil screening levels.

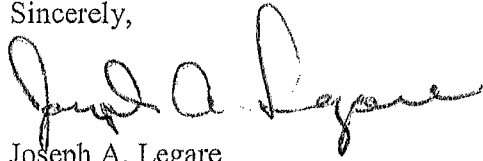
Sampling and remediation activities are expected to last approximately two weeks, with site excavation concluding on or around September 21, 2018. A letter report documenting field completion of cleanup will be prepared immediately following these field events. The sampling



results will be used to confirm the cleanup goals and will be presented in their respective investigation reports.

If you have any questions, please contact Brenda Bowlby at (505) 309-1362 (brenda.bowlby@em-la.doe.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Joe A. Legare". The signature is fluid and cursive, with the first name "Joe" being more prominent.

Joseph A. Legare  
Program Manager  
Environmental Remediation Program

JL/BB/CR

Cy: (date-stamped letter emailed)  
Laurie King, EPA Region 6, Dallas, TX  
Steve Yanicak, NMED-DOE-OB  
David Rhodes, DOE-EM-LA  
David Nickless, DOE-EM-LA  
Cheryl Rodriguez, DOE-EM-LA  
Nick Lombardo, N3B  
Frazer Lockhart, N3B  
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Erich Evered, N3B, ER Program  
Kent Rich, N3B, ER Program  
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