



MEMORANDUM

DATE: December 5, 2023

TO: Lynette Guevara, MASS Program Manager
Shelly Lemon, SWQB Bureau Chief

FROM: Meredith Zeigler, MASS Assessment Coordinator

RE: Public Disclosure of Review of Available 20.6.4.114 NMAC Radionuclide Data

Per 20.6.4.114.B NMAC, the following criteria based on a 12-month rolling average are applicable to the public water supply use for monitoring and public disclosure purposes only:

Radionuclide	pCi/L
Americium-241	1.9
Cesium-137	6.4
Plutonium-238	1.5
Plutonium-239/240	1.5
Strontium-90	3.5
Tritium	4,000

Both LANL (N3B) and NMED (DOE OB) non-filtered radionuclide data collected from October 4, 2021, to November 1, 2023 were downloaded from Intellus (<http://www.intellusnmdata.com/>). Available validation fields were reviewed, and rejected data were removed from the collated dataset. Results noted as "Not Detected" that were greater than the respective above criterion were removed from the dataset because it is unknown whether or not the applicable criterion was exceeded. Based on this final dataset, 12-month rolling averages were determined. The above criteria were not exceeded for Americium-241, Cesium-137, Plutonium-238, Plutonium-239/240, Strontium-90, or Tritium.