



Summary

Acid Canyon is the most Pu contaminated place in the US that members of the public, including children, have direct, unimpeded access to

$\text{Pu-}^{239+240}$  activities in Acid Canyon water during the July 2024 monsoon were hundreds of times higher than Colorado's enforceable standard of 0.15 pCi/L applied at Rocky Flats, and exceeded the Federal gross alpha primary water quality standard of 50 pCi/L

Sediment concentrations of Pu exceed the remediation level of 50 pCi/g used by DOE for surface soils at the Rocky Flats Central Operating Unit, and the 8 pCi/g threshold used by the USAF at the Fort Dix BOMARC missile silo fire site in New Jersey; neither the RFCOU nor the BOMARC remediated sites are accessible to the public today

Wildfire is a certainty in Acid Canyon's future; Pu is taken up by vegetation; contaminated soil and fly ash will be released into the air, and the canyon will be permanently altered by contaminated debris in burn scar areas, damaging downstream soil, water and plant natural resources

