Ambient Air Concentrations Quarterly Update
Second Quarter 2026 (April - June 2026)

Notes:

1) Ambient air is monitored at 16 air samplers, one in each compass sector, approximately one to two miles from the center of the West Valley Demonstration Project (WVDP) site. Additionally, a high-volume sampler with better detection capability is located in the north-northwest direction as a conservative measure because, historically, the predominant prevailing wind direction at the WVDP is toward the north-northwest.
2) The EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) Compliance Limit is 10 mrem/year.

In the second quarter of 2026, no positive results were observed on the ambient air monitoring filters. The quarterly airborne dose was zero.

Map 1. Ambient Monitoring Sampler Locations

