

**Ambient Air Concentrations Quarterly Update  
Third and Fourth Quarters 2025 (July - December 2025)**

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 third and fourth quarters of 2025, no positive results were observed on the ambient air monitoring filters. The airborne quarterly doses in these quarters were zero.

Map 1. Ambient Monitoring Sampler Locations

