

West Valley Demonstration Project UPDATE

Peggy Loop
Waste and Site Operations Manager

West Valley Cleanup Alliance

October 28, 2026



Safety Stats

Metric	12-Month Rolling Average 2026
Total Recordable Cases (TRC)	0.66
Days Away Restricted or Transferred (DART)	0.33
Last Lost Time Case Recordable	None
Last Recordable Injury	None





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Cleanup Activities

Phase 1B D&D Scope – Near term scope

- Waste Management Area 1 (WMA-1)
 - Soils characterization in WMA-1 (Phase 3, Ongoing)
 - Utility reroute planning – Fire Water (Ongoing)
 - Soil excavation and retention wall planning (Ongoing)
 - Start slab demolition (Commenced)
- Demolition of Replacement Ventilation Unit and Fuel Receiving and Storage facility (Completed)
- Tank Farm pump removal and disposal (Planning)
- Safeguards and security, environmental monitoring, surveillance and maintenance, and support activities (Ongoing)



Waste Management Area-1 (WMA-1) Phase 3 Radiological Sampling (Completed)



Crews completed the Phase 3 sample retrieval project to characterize the soil for constructing a retention wall (needed for excavation).

Highlights:

Phase 1: Completed 28 holes

Phase 2: Completed 18 holes

Phase 3: Completed 19 holes



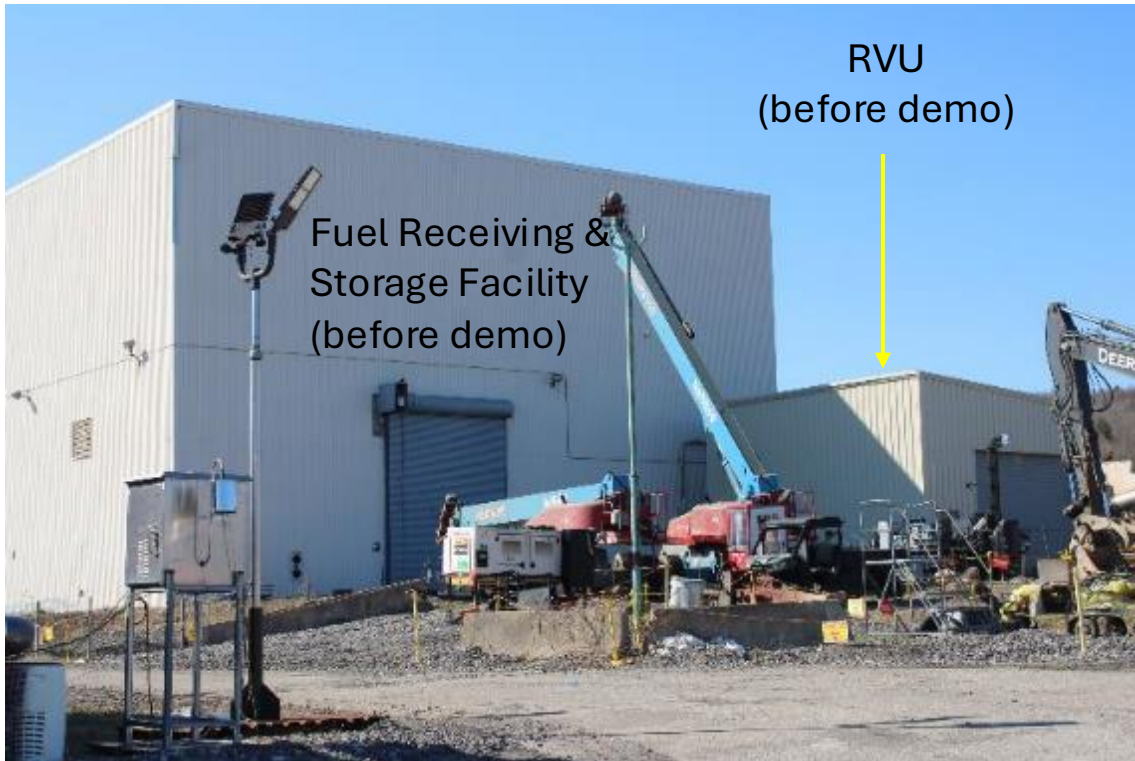
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Ancillary Building Slab Removals

*This work will help pave the way for the future
Waste Management Area-1 Excavation*

Head End Replacement Ventilation Unit Building



RVU slab demolition (this work will help pave the way for Waste Management Area-1 Excavation)



Head End Replacement Ventilation Unit Building (Cont.)



Demolition debris removal: (l) Excavator loads waste container; (r) Heavy-duty fork truck places a lid on the waste container



Hittman Slab Removal (Radwaste Process Building)



Manipulator Repair Shop Slab Removal



Contact Size-Reduction Facility Slab Removal



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Fire Loop Installation

- Ordered water tank and Fire Pump House pumps (2)
- Installed two, 10-inch risers
- Grading and ring wall prep complete for tank installation
- Installing concrete ring wall and allowing it to cure
- Frame for pump house to start mid-October



Started the excavation for the Fire Pump House footer



Fire Loop Installation (Cont.)



Fire Loop Installation (Cont.)



Fire Loop Installation



Fire Pump House

Fire Water Tank



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Other Work Activities

- Continued scene setting activities required for WMA-1 remediation:
 - Continued engineering design work associated with utility re-routing, retention wall and de-watering systems
 - Continuing ancillary building slab removals and debris shipments (3 of 15)
- Designing and planning activities to support the Tank Farm pump removals (13 pumps), including waste tank farm surveys and inspection of containment facilities



A reach-stacker places a full waste container onto a trailer for transport offsite



QUESTIONS



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