West Valley Demonstration Project UPDATE

Jason Casper
President and Program Manager

West Valley Cleanup Alliance

November 18, 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

U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

Cleanup Activities

Phase 1B D&D Scope – Near term scope

- Waste Management Area 1 (WMA-1)
  - Soil characterization in WMA-1 (Phase 3 Completed)
  - Utility reroute planning – Fire Water
  - Soil excavation and retention wall planning
  - Start concrete slab demolitions (Ongoing)
- Demolition of Replacement Ventilation Unit and Fuel Receiving and Storage facility (Completed)
- Tank Farm pump removal and disposal
- 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

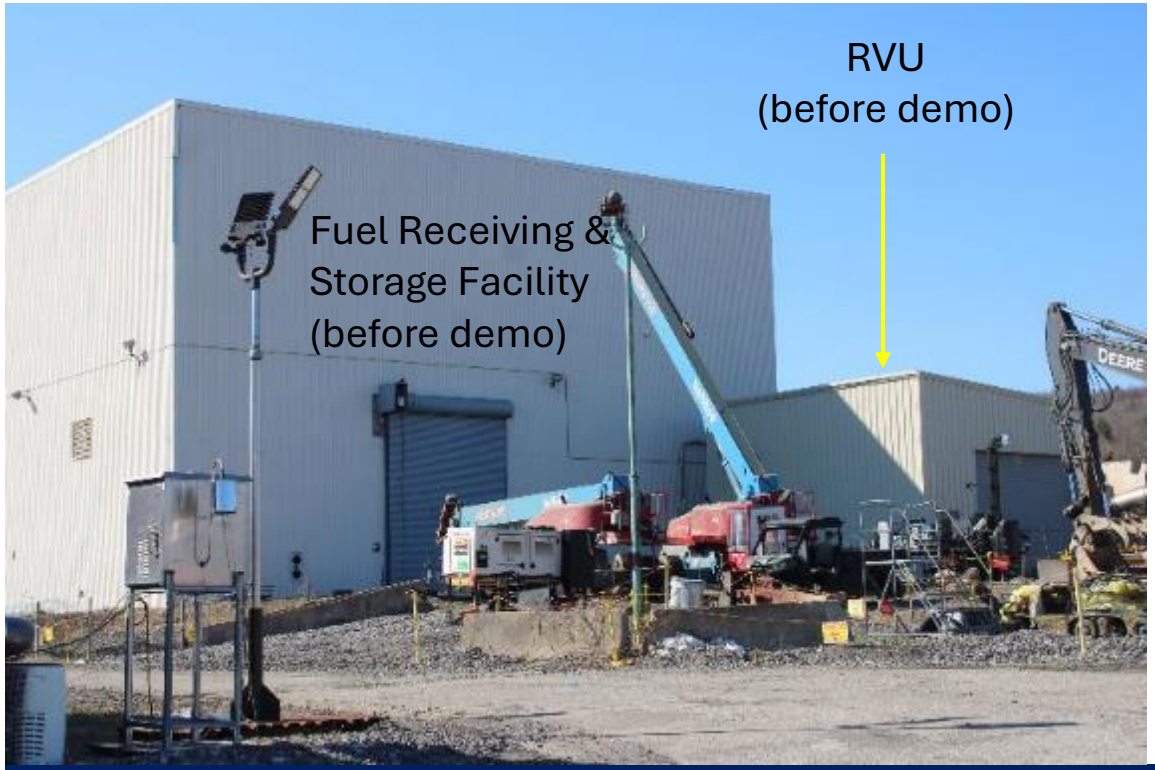
Phase 3: Completed 19 holes



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





O1-14 Building Slab Removal





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
- Concrete ring wall installed and cured
- Continue to construct frame for pump house

Fire Loop Installation





(l) Construction of Fire Pump House Building and (r) Fire Water Tank foundation pad

Fire Loop Installation (Cont.)





Ongoing construction of Fire Pump House Building

Fire Loop Installation (Cont.)





Siding installation on Fire Pump House Building

Fire Loop Installation



Fire Pump House

Fire Water Tank

Tank Farm Pump Motor Removal







Nine (9) mobilization pump motors were safely removed from the former Waste Tank Farm

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 (6 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



U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management