

West Valley Demonstration Project UPDATE

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West Valley Cleanup Alliance

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Safety Stats

Metric	12-Month Rolling Average
Total Recordable Cases (TRC)	0.00
Days Away Restricted or Transferred (DART)	0.00
Last Lost Time Case Recordable	None
Last Recordable Injury	None





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Cleanup Activities

Phase 1B D&D Scope

- Demolition of remaining near- and below-grade components of the Main Plant Process Building
- Contaminated soils remediation and disposition
- Waste management and legacy waste disposition
- Tank Farm sludge removal
- Safeguards and security
- Environmental monitoring
- Surveillance and maintenance
- Program support activities



Core Sampling

- Completed boring operations (28 holes total)
 - Screened each sample for radiation
 - Safely shipped samples off-site for more specific isotopic analysis
- The WVDP team will use this information to plan and design the soil remediation work scope in the former footprint of the Main Plant Process Building
- Characterization of the soil is part of the preparation work before the demolition of near- and below-grade components of the Main Plant Process Building



Core sampling equipment



Core sample box



Geotechnical Sampling



Retrieving samples to characterize the soil for constructing a retention wall (needed for excavation)



Working alongside a Radiation Control Technician, employees outside the work zone record samples



Geotechnical Sampling (cont.)



Radiation Control Technician performs routine surveys on the equipment to check for contamination



Demolitions

- Safely demolished 28 degraded liners, 17 vitrification (VIT) vault lid sections, 15 SurePaks, and 3 Vitrification Vaults
- Waste Disposition:
 - Debris loaded into 72 approved waste containers
 - Combined weight of 3,172,520 pounds



VIT vault demolitions



Demolitions (cont.)



First VIT Vault to be demolished (before)



First VIT Vault safely demolished (after)



Demolitions (cont.)



First VIT Vault to be demolished



Completion of all demolitions
(Liners, VIT Vault lid sections, SurePaks, Vit Vaults)



Other Work Activities

- Continuing the design for new fire loop
- Disposition of materials no longer needed
- Upgrades to site infrastructure (e.g., decks, roadways, sidewalks)
- Designing of WMA-1 demolition and excavation approach
- Monitoring and surveillance activities
- Continuing to develop work plan to remove the former Fuel Receiving and Storage facility



A reach-stacker removes a full waste container from the demolition area



QUESTIONS



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