

## West Valley Demonstration Project



**Environmental Management**

safety ♦ performance ♦ cleanup ♦ closure

### WVDP Update

West Valley Citizen Task Force  
June 27, 2007

[www.em.doe.gov](http://www.em.doe.gov)

19144\_1

## Safety

TRC	1.5
DART	1.0

- Back on track
  - As of June 25: 123,400 safe work hours (2 mos. since last lost-time work injury)
  - One first aid – insect sting
  - Implementing Behavior-based safety program
  - Implementation of Safety Corrective Action Plan
    - Corrective actions centered on improved fork lift operations and safe ladder use
    - Conducted a site-wide cleanup day intended to improve work area safety
  - A High-level Waste Quality Assurance audit was conducted by DOE



**Environmental Management**

Audit team recommending a three-year audit cycle

[www.em.doe.gov](http://www.em.doe.gov)

19144\_2

## Work in Progress

- Low-level Waste (stored)
  - Processed and shipped ~20,000 ft<sup>3</sup> YTD
- Remote Handled Waste Facility
  - Processing 28<sup>th</sup> and final box of waste for this contract period
- Main Plant Decontamination
  - Completed decontamination of the Analytical Laboratory cells
    - Challenging work was completed safely
    - High dose laboratory waste was solidified and removed (300R source)



**Environmental Management**  
safety ♦ performance ♦ cleanup ♦ closure

[www.em.doe.gov](http://www.em.doe.gov)

19144\_3

## Work in Progress

- FRS water treatment area work nearly complete
  - Pump Pit equipment removed
  - Applying fixative to water treatment area walls and floors



FRS Pump Pit

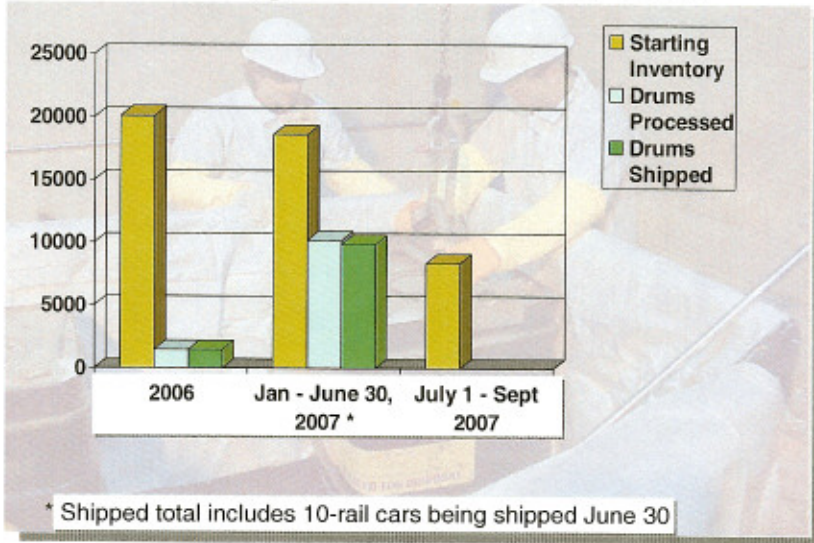


**Environmental Management**  
safety ♦ performance ♦ cleanup ♦ closure

[www.em.doe.gov](http://www.em.doe.gov)

19144\_4

## Work in Progress – Drum Cell



**EM Environmental Management**

safety ♦ performance ♦ cleanup ♦ closure

[www.em.doe.gov](http://www.em.doe.gov)

19144\_5

## Work in Progress

- Infrastructure Reduction

- Schoolhouse **GONE**
- Old Warehouse **GONE**
- Maintenance Shop **GONE**
- Test and Storage Building **GONE**



Maintenance Shop



**EM Environmental Management**

safety ♦ performance ♦ cleanup ♦ closure

[www.em.doe.gov](http://www.em.doe.gov)

19144\_5

## Planning

- Stored Liquid Management
  - Plan complete; transmitting plan to DOE for review/comment before 6/30
- North Plateau Groundwater Plume
  - Technical analysis of alternatives for containing the plume
    - Peer review completed
  - Recommendation: Near-term
    - Permeable treatment wall at leading edge, treat water surfacing in ditch
- NDA Cap
  - Cap and slurry wall design complete
    - 100 percent design review completed



*EM Environmental Management*  
safety ♦ performance ♦ cleanup ♦ closure

[www.em.doe.gov](http://www.em.doe.gov)  
19144\_7

## Planning

- **Stored Liquid Management**
  - Plan complete; transmitting plan to DOE for review/comment before 6/30
- **North Plateau Groundwater Plume**
  - Technical analysis of alternatives for containing the plume
    - Peer review completed
  - Recommendation: Near-term
    - Permeable treatment wall at leading edge, treat water surfacing in ditch
- **NDA Cap**
  - Cap and slurry wall design complete
    - 100 percent design review completed



*Environmental Management*  
safety ♦ performance ♦ cleanup ♦ closure

[www.em.doe.gov](http://www.em.doe.gov)  
19144\_7