



West Valley Demonstration Project

West Valley
Environmental
Services

Permeable Treatment Wall Installation

October 12 – Present

Nov 17, 2010

20868

John Chamberlain, WVES
November 17, 2010, CTF Meeting



North Plateau



Electrical
Substation

Construction
Demolition
and Debris
Landfill

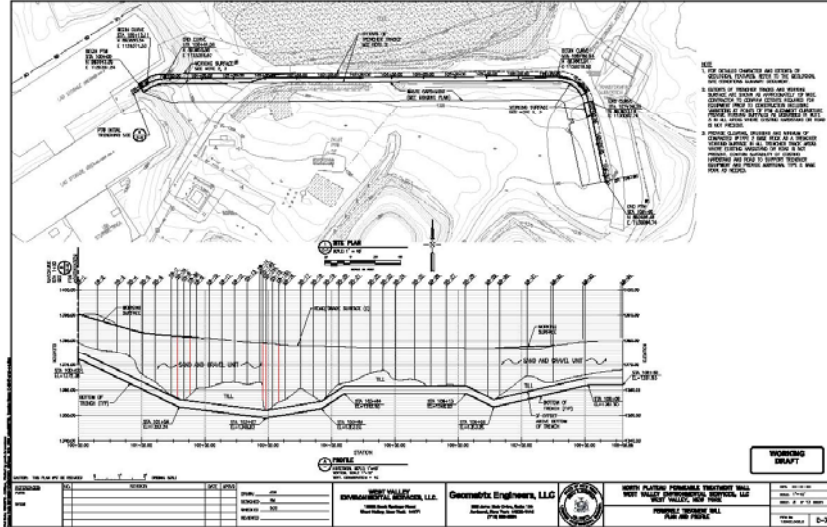
Lagoons

Lag Buildings

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PTW Alignment and Cross Section



Summary of Installation

- ◆ Oct 12-13 Trencher arrives on site
- ◆ Oct 14-16 Trencher assembly
- ◆ Oct 17 Started trenching
- ◆ Oct 19 (pm) Stopped to address – conveyor, soil containment
- ◆ Nov 1 Put conveyor back in place
- ◆ Nov 2 Resumed trenching
- ◆ Nov 7 Stopped at location 105+94 just before the final turn in the PTW alignment – additional zeolite is arriving and final concrete placement in soil containment is drying
- ◆ Nov 10 or 11 Planned restart



Diagram of PTW Construction Area



ENGINEERING SKETCH		WVES	
UNION TITLE/DESIGN/DATE		West Valley Remediation Services	
DATE	SCALE	PROJECT #	DATE



Site Preparation

September through mid-October



Former roadway, now covered PTW is left of the containment

The former roadway is the location of the PTW; the containment structure is located between the PTW and the new roadway



New Roadway to the right of the containment



Trenching Started

WVES LLC

October 17



The one-pass trencher excavates the soil and places the zeolite material in one action



Three "stone-slinger" trucks carry the zeolite to the trencher

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Soil Containment and Conveyor

WVES LLC

Required Modifications



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Soil Containment and Conveyor

Required Modifications



Trenching

November 6



