



RECOVERY ACT *UPDATE*

August 18, 2011

Volume 3, Issue 31

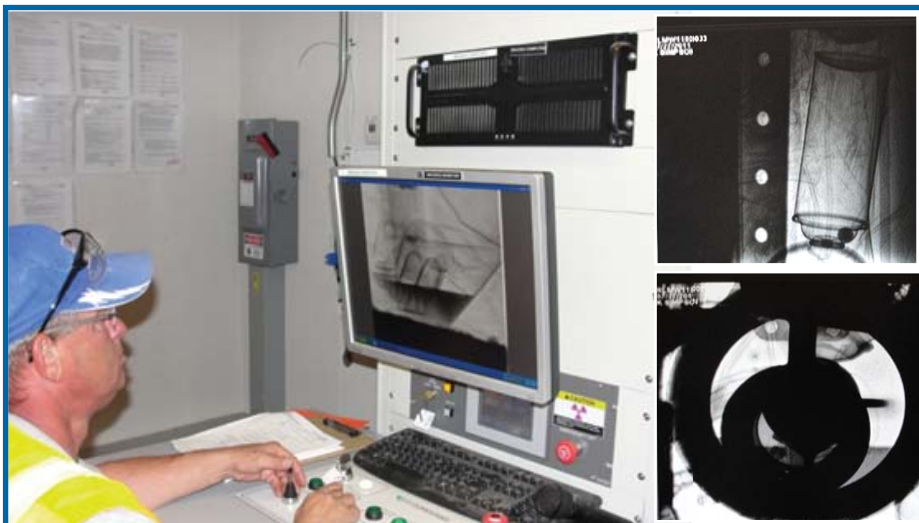
Demolition of the 1717-K Maintenance Shop



Demolition of The 1717-K Maintenance Shop, one of the last 100-K buildings to be demolished with Recovery Act funds, is complete, with loadout of debris ongoing. Demolition continues on the 190-KE Main Pump House, the 183.3-KE Filter Basins and the 181-KW and 181-KE River Pumpouses.



Equipment certified for use in characterizing waste for disposal at WIPP



The Department of Energy (DOE) Carlsbad Field Office (CBFO), along with the Environmental Protection Agency (EPA) and the State of New Mexico, certified a high-energy real-time radiography (HERTR) unit that will be used to characterize transuranic (TRU) waste prior to disposal at the Waste Isolation Pilot Plant (WIPP).

CH2M HILL in partnership with the Central Characterization Program (CCP) utilized American Recovery and Reinvestment Act funding to design and install the HERTR unit at the Waste Receiving and Processing (WRAP) Facility in the 200 West Area of the Hanford Site. The HERTR performs non-destructive examinations using x-ray technology to characterize TRU waste packaged in standard waste boxes (SWB) and 55-gallon waste drums. The x-ray characterization of the waste containers is required prior to disposal at WIPP in Carlsbad, New Mexico.

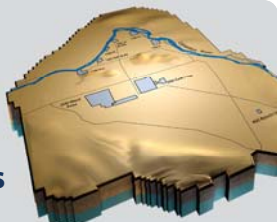
The HERTR unit is more than 10 times more powerful than the current WRAP x-ray units. It is able to penetrate dense materials while still being able to produce high-quality x-ray video images of the containers' contents.

Thanks to Recovery Act funding, the HERTR unit has become a DOE asset to be used in the future to examine dense material and preclude the need to visually examine the waste prior to disposal.

Recovery Work *FAST FACTS*

Footprint Reduction

258
Square Miles



Awards

54%
Contracts
Awarded to
Small Business



Videos

Weekly Progress

Available Online

youtube.com/hanfordplateau



Check out videos and photos from CH2M HILL and other Hanford Recovery Act projects online at www.hanford.gov/recovery

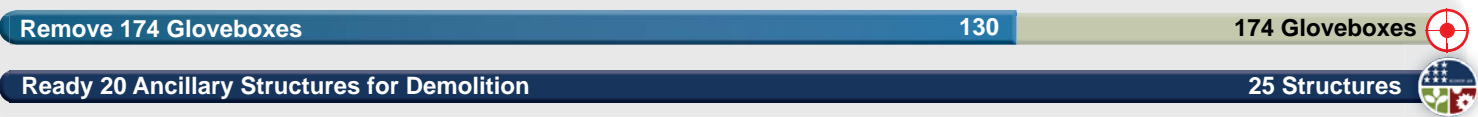




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The following chart outlines CH2M HILL's progress on some of its main Recovery Act work goals. For information about CH2M HILL's overall progress, including weekly Recovery Act reports and videos, visit www.plateauremediation.hanford.gov or contact chrcc@rl.gov.

PLUTONIUM FINISHING PLANT D&D



SOLID WASTE STABILIZATION & DISPOSITION



SOIL & GROUNDWATER REMEDIATION



NUCLEAR FACILITY D&D



100K AREA REMEDIATION



*Key Performance Parameters (KPP) are specific items (wells, buildings, etc.) included in the Target. "Overall" indicates the total number completed with Recovery Act funds. "Completed" marks that CH2M HILL has completed a KPP.



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