



RECOVERY ACT *UPDATE*

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Fleet arriving to transport waste containers



Six of 14 recently procured trucks are onsite to help transport the increasing waste streams resulting from accelerated cleanup and demolition across CH2M HILL's Recovery Act-funded projects. The current truck fleet at the Container Maintenance Facility consists of both new and leased trucks. Two trucks arrived last week and were placed into service while another truck is in the shop undergoing a Department of Transportation inspection. The trucks will help transport CH2M HILL's waste to the Environmental Restoration Disposal Facility.

Equipment installation continues at DX Groundwater Treatment Facility

CH2M HILL Plateau Remediation Company (CH2M HILL) is using \$20 million in funding from the American Recovery and Reinvestment Act (Recovery Act) to construct the DX Groundwater Treatment Facility in the 100 D Area of the Hanford Site. When operational in 2010, the system will have the capacity to help treat hexavalent chromium contaminated groundwater at a rate of 600 gallons per minute.



Since construction began in July 2009, workers have constructed the outer shells for the process and transfer buildings and continue to install the electrical, mechanical and process equipment in the facilities. To date, installations are approximately 25-50 percent complete for each building. Outside the facilities, workers are also laying approximately 45 miles of piping that will connect a network of 53 wells to the facility. Fourteen of the 53 wells have been installed with Recovery Act funding.

During its lifetime, the DX Groundwater Treatment Facility is expected to treat 3.6 billion gallons of groundwater contaminated with hexavalent chromium. The contaminant found its way into the groundwater during reactor operations due to leaks in dichromate transfer systems and piping and from cooling water treated with dichromate that was periodically discharged to the soil near the reactors. The system will replace an older groundwater treatment system that has been operating since 1997.



The DX system will ultimately help the U.S. Department of Energy meet its commitment to remediate chromium contamination and to prevent it from reaching the Columbia River by 2012.

Recovery Work *UPDATE* "Putting People to Work"

Contracts

\$327M
Contracts awarded

As of Mar. 2, 2010

Employment

2,561
Lives touched

As of Jan. 31, 2010

Awards

61%
Contracts awarded to small businesses

As of Mar. 2, 2010



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





Piping and road crossings installed to support the 200 West Groundwater Treatment Facility

In the 200 West Area of the Hanford Site, CH2M HILL is also at work on another groundwater treatment facility, installing piping sleeves and road crossings that will protect piping as it connects a network of wells to the 200 West Groundwater Treatment Facility. To date, Recovery Act funding has been used to install 15 road crossings as well as six wells. The 200 West Groundwater Treatment Facility is an \$80 million Recovery Act-funded project that will help carbon tetrachloride contamination in the groundwater.

272-E Fabrication Shop prepared for asbestos abatement

Workers are preparing the 272-E Fabrication Shop for asbestos abatement. The 272-E building is an approximately 20,700-square-foot fabrication and mock-up shop in the 200 East Area. The building is one of nine industrial facilities that CH2M HILL will demolish later this year. Altogether, the buildings total more than 105,000 square feet and will be removed as part of CH2M HILL's ongoing effort to help shrink the Hanford Site cleanup footprint and reduce mortgage costs by removing buildings that are no longer of service.



Mobile unit to provide on-site decontamination services



Preparations are in progress for the Mobile Decontamination Unit located near the 3A and 4B Burial Grounds in the 200 West Area, where CH2M HILL is using Recovery Act funding to retrieve hazardous waste for treatment and disposal. The unit will provide workers decontamination capabilities at the work site as opposed to T-Plant or the Waste Receiving and Processing Facility.

Hood removed from PFP Vault Support Facility



The east hood on a large glove box was removed from room 636 of the 2736-ZB Vault Support Facility at the Plutonium Finishing Plant (PFP), bringing the total number of glove boxes and hoods removed from PFP with Recovery Act funding

to 40. Preparations are complete to begin chemical decontamination of the remaining glove box and hood. Removing glove boxes and hoods is part of CH2M HILL's Recovery Act-funded effort to clean out and prepare PFP for demolition three years ahead of the Tri-Party Agreement milestone of September 2016.

Equipment relocation resumes in U Canyon

Following repair work and preventive maintenance, the U Canyon crane was returned to operation to resume equipment placement. Loading of Cell 2 is complete and the cell was closed. Work is currently in progress in cells 25 and 26. Approximately 76 percent of the large mapped items have been placed and size reduction activities continue in parallel to prepare the canyon for a first of its kind demolition.

