



RECOVERY ACT *UPDATE*

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CH2M HILL attends Columbia Basin College career fair



It was toe to toe and elbow to elbow at the 26th Annual Columbia Basin College (CBC) Career Expo in Pasco, Wash., on Feb. 18. CH2M HILL hiring representatives attended the event to meet with students and potential applicants to discuss opportunities with the company, including placement of 12 interns from CBC's Nuclear Technology program. Since Recovery Act funding was released in April 2009, CH2M HILL has participated in seven job fairs and received over 15,000 applications and/or résumés from individuals interested in joining CH2M HILL's effort to accelerate cleanup on the Hanford Site.

Road crossings constructed to protect piping for pump-and-treat system



CH2M HILL Plateau Remediation Company (CH2M HILL) is using \$80 million in funding from the American Recovery and Reinvestment Act (Recovery Act) to build the 200 West Groundwater Treatment Facility, the largest pump-and-treat system on the Hanford Site. Part of that construction includes installation of 65 road crossings that will protect high density polyethylene piping as

it connects extraction and injection wells to the 200 West Groundwater Treatment Facility.

To date, CH2M HILL has completed 13 road crossings for the 200 West pump-and-treat system that is being designed to remove several chemical and radioactive contaminants in the 200-ZP-1 and 200-UP-1 groundwater operable units, including the primary contaminant of concern – carbon tetrachloride. The treatment system will remove contamination from the groundwater in order to halt its migration and protect the Columbia River. Construction began in July 2009 and the system is expected to be operational in 2012.



The 200 West facility is one of two pump-and-treat systems being constructed by CH2M HILL with Recovery Act funding. Construction of the DX Groundwater Treatment Facility is under way in the 100-HR-3 D Area, where workers are installing equipment into the process and transfer buildings.

Construction of both the 200 West and the DX facility is part of CH2M HILL's Recovery Act-funded effort to accelerate cleanup of contaminated groundwater on the Hanford Site.

Recovery Work **UPDATE** "Putting People to Work"

Contracts

\$309M
Contracts awarded

As of Jan. 31, 2010

Employment

2,561
Lives touched

As of Jan. 31, 2010

Awards

61%
Contracts awarded to small businesses

As of Jan. 31, 2010



Three glove boxes transported to ERDF using alternative shipping process



For the first time on the Plutonium Finishing Plant Closure Project, three laboratory hoods were shipped for disposal using the Contaminated Equipment-Special Package Authorization (CE-

SPA) process. The process provides special controls for shipping materials that marginally exceed normal low-level waste shipping criteria.

Once authorized for shipment, the hoods were transported to the Environmental Restoration Disposal Facility (ERDF) under a rolling road closure with a speed limit of 10 miles

per hour. Using the CE-SPA process eliminated the need for additional hazardous and costly dismantling and size reduction that would be required if the hoods were disposed of as transuranic waste.

Of the 174 glove boxes and hoods planned for removal with Recovery Act funding, CH2M HILL has:



- Removed 38 glove boxes/hoods from the 234-5Z building
- Removed process equipment from 20 glove boxes/hoods
- Decontaminated 13 glove boxes/hood to meet low-level waste transportation and disposal criteria.

Seven lower ALE facilities demolished to slab-on-grade

The last two of seven facilities on the lower Arid Lands Ecology (ALE) Reserve have been demolished and the debris is being loaded into containers for disposal at ERDF. In three weeks, CH2M HILL demolished all seven facilities to slab-on-grade with support from Recovery Act funding. The last two buildings removed were 6652-H, a laboratory, and 6652-I, the ALE headquarters building. With demolition complete on the lower ALE structures, work is focused on cold and dark isolation activities of structures on upper ALE and cleanup of debris sites throughout the reserve.



Container Maintenance Facility gets lights, dry wall and more

The Container Maintenance Facility is nearing completion with the installation of insulation, roofing, siding, dry wall and roll-up doors as well as the installation of lights and power panels. Outside of the facilities, crews are constructing the access road that will serve as an alternate route for heavy machinery arriving at the facility. When the approximately 3,600-square-foot facility is operational this spring, it will serve as the central storage and maintenance facility for the 400 roll-on/roll-off containers that CH2M HILL procured with Recovery Act funds to help transport waste for disposal at ERDF. The containers are a necessity as demolition and cleanup continue to ramp up and generate waste across the CH2M HILL projects.



Preparing the U Plant ancillary facilities for demolition



Asbestos removal is in progress at the 224-U and 224-UA buildings, two ancillary facilities located near U Plant. The 224-U and 224-UA buildings, along with the 203-UX building, are the last of five ancillary facilities planned for demolition near U Plant. Two of the facilities – the 211-U and 211-UA tanks – were removed in 2009. The U Plant ancillary facilities once supported the processing of liquids generated during uranium recovery at the adjacent U Canyon reprocessing plant and at the PUREX reprocessing plant in the 200 East Area. The facilities were used to convert uranyl nitrate liquid into uranium trioxide powder that is safer and more stable. Removing these facilities is part of CH2M HILL's effort to prepare the U Plant for demolition and to help shrink the Hanford Site cleanup footprint by removing buildings that are no longer of service.