



RECOVERY ACT *UPDATE*

July 2, 2010

Volume 2, Issue 25

Wells being installed for groundwater treatment facilities



CH2M HILL is using Recovery Act funding to install wells that will support the 200 West and the DX Groundwater Treatment Facilities, two pump and treat systems that are currently under construction. In the 200 West Area, 14 of 17 planned wells are under construction. In the 100-HR-3 H and D areas, a combined total of 41 wells are under construction. The wells will pump contaminated groundwater from the soil and it will be transferred to the treatment facilities via miles of high-density polyethylene piping. When operational, the new treatment systems will have a combined capacity of more than 3,000 gallons per minute.

Contractor at work on 200 West Groundwater Treatment Facility



Major earth work has begun on the 200 West Groundwater Treatment Facility. The prime construction contractor for the project, Skanska USA Building Inc., and their subcontractors started construction of two transfer buildings as well as site preparation for foundations and infrastructure for both the Radiological Facility and the Bio-Processing Facility.

CH2M HILL Plateau Remediation Company (CH2M HILL) is constructing the 200 West Groundwater Treatment Facility with \$80 million in funding from the American Recovery and Reinvestment Act (Recovery Act). It will be the largest pump and treat system on the Hanford Site.

With construction under way, David Lowe, CH2M HILL corporate sponsor of the 200 West Groundwater Treatment Facility project, led an assessment team on June 14-18 to ensure the project team has all the necessary tools and personnel to be successful. The assessment team took a critical look at project management, staffing and organization, engineering, procurement, safety, construction management and quality. The conclusion of the assessment was that the project is progressing safely and effectively with limited areas for programmatic continuous improvement.

Recovery Work *UPDATE* "Putting People to Work"

Contracts

\$471M
Contracts awarded

As of May 2010

Employment

4,547
Lives touched

As of March 2010

Awards

55%
Contracts awarded to small businesses

As of May 2010



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





Remediation and demolition continue at 183KW Sedimentation Basin Complex

Remediation crews are removing below-grade structures and contaminated soil from beneath the former 183.1KW Headhouse, which was once part of the 100K West Reactor Water Treatment Facility. To date, more than 12,000 tons of soil have been removed from the site. The work is being performed adjacent to demolition of the 183.2KW Sedimentation Basin, 183.3KW Filter Basin and 183.7KW Pipe Tunnel. Demolition of the structures is approximately 90 percent, 60 percent and 20 percent complete, respectively.



Mixed and low-level waste shipments continue



CH2M HILL recently completed three shipments of mixed low-level and low-level waste (MLLW and LLW) to Perma-Fix Northwest for treatment. The shipment included a 10-foot section of ducting (0.9 m³) from the Waste Retrieval Project, which is shown left wrapped in plastic for contamination control and secured for shipment. The waste will undergo non-thermal treatment through macro-encapsulation and be packaged for disposal in Hanford's Mixed Waste Disposal Units. This shipment is just a fraction of the 1,800 m³ of MLLW and LLW that CH2M HILL plans to ship with support from Recovery Act funding. To date, 986 m³ have been shipped, of which 702 m³ have been treated and disposed.

Two laboratory hoods ready for shipment and disposal

Two laboratory hoods were recently removed from the Analytical Laboratory at the Plutonium Finishing Plant (PFP) and they are now awaiting shipment to the Environmental Restoration Disposal Facility (ERDF), where they will be disposed of as LLW. Removal of these hoods brings the total of glove boxes and hoods removed from PFP with Recovery Act funding to 65. CH2M HILL plans to remove a total of more than 180 glove boxes and hoods by the end of fiscal year 2011.



Ancillary facility demolition continues



Since demolition began earlier this month, the 203-UX building is at ground level and demolition of the administrative side of the 224-U building is almost complete. Debris from the demolition is being loaded into containers for transport to and disposal at ERDF.