



RECOVERY ACT **UPDATE**

October 29, 2010

Volume 2, Issue 42



First shipment completed with new container

CH2M HILL completed the first shipment of waste using the new Super Type A container on Oct. 11. Designed and fabricated by local Tri-Cities businesses, the container is 25 feet 9 inches long by 15 feet 2 inches wide by 15 feet 11 inches high and used to ship large waste packages from the Central Waste Complex (CWC) to off-site treatment facilities. The container will help reduce the inventory of waste currently in storage while also reducing worker handling and costs as the waste will not have to be repackaged into Department of Transportation-compliant containers.

Radio tower demolished on Rattlesnake Mountain



CH2M HILL Plateau Remediation Company (CH2M HILL) used American Recovery and Reinvestment Act (Recovery Act) funding to lower one of the last radio and communications towers atop Rattlesnake Mountain at the Fitzner-Eberhardt/Arid Lands Ecology (ALE) Reserve at the Hanford Site.

The 100-foot-tall radio tower was part of the 623A Plant Radio Relay structure that housed radio equipment and supported radio and cellular phone service operations.

After severing connections to the relay building, CH2M HILL demolition crews safely lowered the tower to the ground level, where the structure was then cut up and loaded for disposal at the Environmental Restoration Disposal Facility.

Cleanup of the ALE Reserve is a \$10.2 million Recovery Act-funded project. CH2M HILL is clearing the 120-square-mile area of facilities and debris to help shrink the Hanford Site cleanup footprint. To date, CH2M HILL has demolished 21 of 24 structures and removed 99 percent of debris sites across the reserve.

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

Contracts

\$596M

Contracts awarded

As of September 2010

Employment

5,298

Lives touched¹

As of June 2010

Awards

55%

Contracts awarded to small businesses

As of September 2010

¹Refers to the total number of people who have ever had a job at least partially funded by the Recovery Act



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





Demolition of reactor support building begins

Demolition is in progress on the west side of the 105KE Reactor building, part of one of two former plutonium production reactors in Hanford's 100K Area. With Recovery Act funding, CH2M HILL plans to demolish the horizontal control rod racks and the office area located on the west and east ends of the building, respectively. Nearby in the K East Area, CH2M HILL is also performing asbestos abatement as part of demolition preparations for the 190KE Main Pump House, one of the next facilities scheduled for demolition.



Groundwater treatment construction project continues

CH2M HILL subcontractors are at work constructing concrete and steel for facilities that will make up the 200 West Groundwater Treatment Facility. Approximately 550 cubic yards of concrete were placed for the facility last week, bringing the project-to-date total to approximately 3,200 cubic yards. The general contractor, Skanska USA Build Inc., and its subcontractors completed the steel erection and slab-on-grade and began roof sheeting for the Radiological Building. For the four transfer buildings under construction by subcontractor George A. Grant, sheeting and roof panels were completed for the first extraction building; curbs, piers and slab-on-grade as well as curing and structural steel erection are complete for the second extraction building; and the slab-on-grade is complete for one of the two injection buildings.



More than 70 acres excavated at BC Control Area



CH2M HILL has Recovery Act dollars at work in the BC Control Area, the largest outer zone waste site slated for cleanup with the funding. Since fall of 2009, CH2M HILL has removed 236,900 tons of contaminated soil from the 13-square-mile area. In Zone A, 74 acres

have been excavated and surveyed. In Zone B, crews are conducting radiological surveys and down-posting from contaminated areas where appropriate. The waste site is one of 24 waste sites in Hanford's outer zone that CH2M HILL plans to remediate by the end of fiscal year 2011.

Removal of process transfer piping continues

With Recovery Act funding, CH2M HILL is removing more than 1,100 feet of highly contaminated process transfer piping that runs throughout the Plutonium Finishing Plant. To remove the piping shown right, pipefitters pulled



sections of the piping into a containment bag from their original location in the connecting hallway and size reduced the piping inside a containment bag. Since removal began in September 2010, crews have removed more than 200 feet of the piping.