



RECOVERY ACT *UPDATE*

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Groundwater treatment facility 97 percent complete



The 200 West Groundwater Treatment Facility is nearly complete – construction has reached 97 percent completion. CH2M HILL kicked off the 200 West Groundwater Treatment Facility construction project in July 2009. Two years later, the building's steel rises seven stories into the sky while connecting wells dive even deeper into Hanford's soil to extract contaminated groundwater and transfer it to the facility for treatment. Once treated, the groundwater will be injected back into the aquifer. The facility is expected to treat nearly 25 billion gallons in its lifetime.

Recovery Act demolition wrapping up at 100K



The 1702-K Main Administrative Building is a pile of debris after two days of demolition. CH2M HILL Plateau Remediation Company (CH2M HILL) demolished the facility over two days and is loading the debris for disposal.

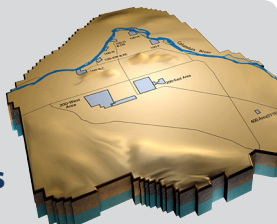
While the 6,307-square-foot building might not be as imposing as the 120,000-square-foot clearwells or 290,00-square-foot sedimentation basins, the building was an icon at the entrance to the 100K Area. It was the last 100K Area building CH2M HILL has scheduled for demolition in fiscal year 2011.

While removal of 1702-K is complete, demolition is in progress on the 183.1-KE Headhouse chemical storage tanks, the 190-KE Main Pump House and the east side of the 183.3-KE Filter Basins. Loadout of debris is ongoing for the west side of the Filter Basins, the 1717-K Maintenance Shop and the 1717-AKE Electrical Storage Shed. Demolition of the 181-KW and 181-KE River Pumphouses is complete, with rock from approved sources scheduled to be placed as part of the re-contouring of the 100K shoreline at both sites.

Recovery Work *FAST FACTS*

Footprint Reduction

258
Square Miles



Awards

52%
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





Sampling to close 100K waste site

Nearly a year ago CH2M HILL achieved its goal to remediate 23 waste sites with Recovery Act funding and the work continued, surpassing that goal for a total of 48 waste sites remediated. Most recently, confirmatory sampling was performed on waste site 100-K-63 for regulatory closure. CH2M HILL remediated the waste site with Recovery Act funds, removing more than 85,400 tons of contaminated soil. Remediating waste sites in the 100K Area is helping to reduce the active area of cleanup associated with the K East and K West Reactors and to remove or move hazards away from the Columbia River.



U Canyon grouting nears completion

Grouting of void spaces in Hanford's U Canyon is 88 percent complete, with 19,734 cubic yards of a planned total of 22,021 cubic yards poured. With the Tank D-10 removed from U Canyon in previous weeks, crews constructed a bulkhead in the 221-U railroad tunnel in preparation for grouting. Grouting the canyon is one of the last steps to bringing the canyon to "demolition ready" status, one CH2M HILL's Recovery Act goals.

Asbestos removal surpasses 15,000 feet at Plutonium Finishing Plant

In the last two weeks, crews removed nearly 100 feet of asbestos from the Plutonium Finishing Plant (PFP) facilities, bringing the total removed with Recovery Act funds to more than 15,000 linear feet – nearly three miles. Asbestos, like gloveboxes and contaminated process vacuum system piping, is one of the hazards CH2M HILL has to remove before the facility can be considered prepared and safe for demolition.

As of the end of August, CH2M HILL has removed the following waste from PFP with help from Recovery Act funding:

- 130 gloveboxes
- 2,885 m³ mixed low-level and low-level waste
- 679 m³ transuranic waste
- 28 m³ radioactive waste
- 1,791 feet of process transfer line and vacuum system piping
- 15,096 feet of asbestos

Stay up to date with Recovery Act news!

Read about CH2M HILL and other DOE Recovery Projects in the U.S. Department of Energy Environmental Management Recovery News newsletter available at <http://www.em.doe.gov/emrecovery/Newsletter.aspx>.

Weekly reports, videos and newsletters are part of CH2M HILL's effort to maintain transparency of how Recovery Act funds are making a difference in accelerating cleanup of Hanford's Central Plateau. For more information about Recovery Act progress at the Hanford Site, visit www.hanford.gov/recovery or www.plateauremediation.hanford.gov.

