



RECOVERY ACT *UPDATE*

April 23, 2010

Volume 2, Issue 15

Mixed low-level waste shipments continue

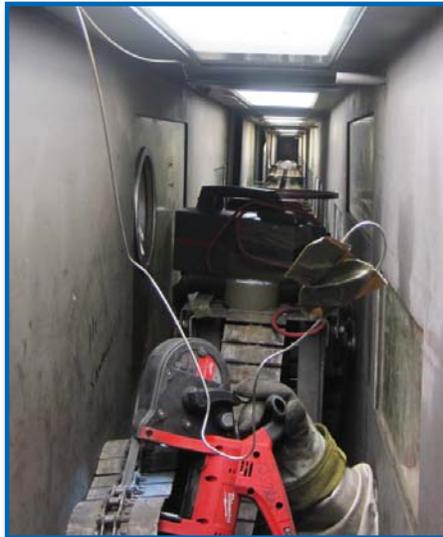


Last week a shipment of 17 drums of mixed low-level waste debris was shipped from the Waste Receiving and Processing Facility to Perma-Fix Northwest. The waste will be non-thermally treated through macro-encapsulation and packaged for disposal at Hanford's Mixed Waste Disposal Units. Of the 1,800 cubic meters of mixed low-level and low-level waste planned for treatment and disposal with Recovery Act funding, CH2M HILL has shipped 909 cubic meters for treatment and disposal since April 2009.

Internal equipment size-reduced for removal from glove boxes



CH2M HILL Plateau Remediation Company (CH2M HILL) is removing process equipment from dozens of glove boxes that are planned for removal from the Plutonium Finishing Plant (PFP) by September 2011. With funding from the American Recovery and Reinvestment Act (Recovery Act), CH2M HILL has already removed 50 glove boxes since April 2009.



Glove boxes are large, sealed enclosures that once allowed workers to handle hazardous materials through protective gloves attached to the wall of the glove box. The glove boxes were used for plutonium processing and production activities when PFP was in operation supporting the nation's defense efforts.

Today, work within the glove boxes has shifted to preparing the glove boxes for removal from the facilities. Some glove boxes contain equipment that is too large to be removed as-is through the glove ports and must be disassembled or size-reduced. For example, last week in glove box HA-28,

workers began to disassemble a conveyor that runs the length of the glove box and now it can be removed in sections.

After the process equipment is removed, workers will begin decontaminating the interior. Glove boxes that can be decontaminated to meet low-level waste criteria can be disposed of on-site, reducing hazards and costs.

Recovery Work *UPDATE* "Putting People to Work"

Contracts

\$359M
Contracts awarded

As of Mar. 31, 2010

Employment

2,561
Lives touched

As of Jan. 31, 2010

Awards

58%
Contracts awarded to small businesses

As of Mar. 31, 2010



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





More soil removed from waste sites

Field work is under way at two waste sites in the 200-MG-1 operable unit, which comprises a series of small waste sites that were once contaminated from dumping or burning of various debris and chemicals. Two hundred tons of contaminated soil has been removed from the 600-36 waste site, a former burn pit near the 200 West Area, and a total of 640 tons have been removed from the 600-40 waste site, a former dumping area near the West Lake. Sampling activities and data reports are in progress for five similar sites in the 200-MG-1 operable unit. CH2M HILL is using Recovery Act funding to cleanup these waste sites to remove contaminated soil and reduce hazards to the groundwater and the Columbia River.



Equipment installation halfway complete for DX facilities

Electrical and mechanical equipment installations are approximately 50 percent complete for all three of the buildings that will make up the DX Groundwater Treatment Facility. More equipment is already on the way – the treatment tanks left the vendor and are en route to the Hanford Site for installation over the next few weeks. The tanks are part of the treatment facility’s innovative resin filter system that is expected to save \$20 million in lifecycle costs.



Foundations demolished on lower ALE Reserve



Concrete rubble from the foundations of demolished structures on the lower Arid Lands Ecology Reserve is being loaded into containers for disposal. The slab foundations were all that remained of the eight buildings that were demolished in early 2010 with Recovery Act funding. Cold and dark isolations are complete for the structures on the upper reserve where CH2M HILL is preparing to begin demolition this summer.