



RECOVERY ACT *UPDATE*

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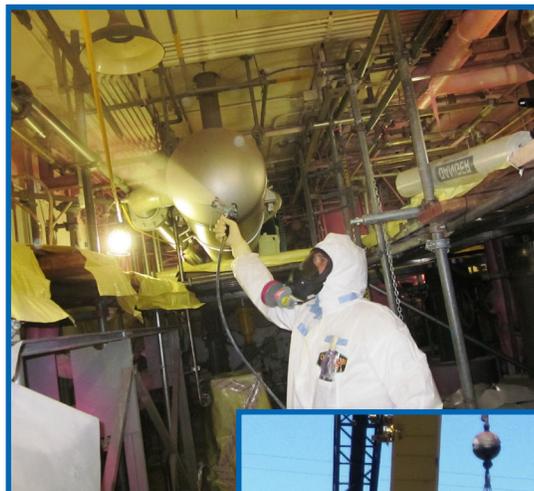
Glove box separated from building ventilation



The glove box in room 636 of the 2736-ZB facility at the Plutonium Finishing Plant was isolated from building ventilation and is shown above lowered on a lift table. The glove box will be removed as a single unit and disposed of as soon as two doorways can be enlarged to avoid the need for size reduction. CH2M HILL is also preparing glove box 400 in the former Radioactive Acid Digestion Test Unit area of the 234-5Z building for removal. Contamination fixative was applied to the interior, inlet filters and ventilation monitoring equipment were removed and the glove box is ready for isolation from building ventilation.

Preparing for demolition in the 100K East Area

Funding from the American Recovery and Reinvestment Act (Recovery Act) will soon be at work demolishing facilities in the 100K East Area. CH2M HILL Plateau Remediation Company (CH2M HILL) is preparing the 1706KE/KER substructures as well as the 116KE Reactor Exhaust Stack for demolition.



Asbestos abatement is ongoing in the substructures of the 1706KE/KER buildings. The 1706KE/KER above-grade structures were demolished in 2009 with base funding. The 1706KE Water Studies Semi-Works Building once housed water treatment and support equipment for corrosion testing of reactor cooling systems, and the 1706KER Water Studies Recirculation Building housed water treatment, heat exchange, pumping and other equipment.



Later this summer, CH2M HILL is also planning to use explosive demolition techniques to remove the 116KE Reactor Exhaust Stack and two overhead bridge cranes and the counterweights for the C elevator in the 105KE Reactor Building. An enhanced work planning session was conducted and submittals from the explosive demolition contractor are being reviewed.

Demolition of these facilities is part of a Recovery Act-funded effort to remove excess and ancillary facilities from the 100K Area, which spans 535 acres along the Columbia River.

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





Transuranic waste container moved onto shoring base



With retrieval activities back in operation in the underground storage trenches in the 200 West Area, CH2M HILL is preparing Box 3 for removal. Box 3 is a box of suspect transuranic waste that is damaged after spending years in underground storage.

Preparing the box and its contents for removal has included covering the box with a protective covering box and relocating it onto a shoring base that will support the underside of the damaged waste container. Box 3 is just one of several containers that CH2M HILL plans to remove from underground storage as part of a Recovery Act-funded effort to remove transuranic waste from the Hanford Site; 434 cubic meters have been shipped to a treatment, storage or disposal facility since April 2009.

Planning begins for debris removal on the North Slope

CH2M HILL has begun initial planning for removal of debris from the North Slope on the Hanford Site. Environmental documents are being prepared and cultural reviews were initiated. Similar to debris sites on the Arid Lands Ecology Reserve, the debris sites range in size and content.

The name "North Slope" comes from the geographical relationship with the rest of the Hanford Site and it comprises the area north and northeast of and across the Columbia River from the main Hanford facilities. The area primarily served as a security buffer for the Hanford defense production facilities.



Today, the area is managed as a wildlife refuge with limited public access. With Recovery Act funding, CH2M HILL will further mitigate physical hazards and remove trash and debris from the 90,000-acre



site and support the designation of this land as part of the Hanford Reach National Monument.

BC Control Area excavation surpasses 135,000 tons of contaminated soil

Remediation continues at the 13-square-mile BC Control Area, which is the largest waste site CH2M HILL is remediating with support from Recovery Act funding. More than 135,600 tons of contaminated soil have been removed from the waste site and disposed of at the Environmental Restoration Disposal Facility. In Zone A, approximately 33.5 acres have been excavated and surveyed. Removal of soil from Zone B is temporarily suspended until the end of the migratory bird nesting season on July 15 to avoid harm to protected species.

