

American Recovery and Reinvestment Act Funding at the Hanford Site



U.S. DEPARTMENT OF
ENERGY

Environmental
Management

FACTS AT A GLANCE

Funds provided: \$1.961 billion



Hanford Mission: *The Office of River Protection and Richland Operations Office are the two Department of Energy (DOE) field offices responsible for cleanup of the Hanford Site.*

How were projects identified and selected: *Projects were selected based on three primary criteria: creating/saving jobs, reducing the footprint of the active area of Hanford cleanup, and reducing the overall cost of cleanup (life-cycle costs). DOE selected projects that are covered under current regulatory documents and current prime contracts, allowing work to begin quickly. The work supports strategies for cleaning up Hanford and are intended to be consistent with the priorities of regulatory agencies, tribes, and Hanford stakeholders.*

Where will information be posted:

www.hanford.gov/recovery

Information on hiring and contracting:

www.plateauremediation.com

www.washingtonclosure.com

www.wrpstoc.com

Note: Projects listed are those selected for American Recovery and Reinvestment Act funding and are activities that will be conducted in addition to work supported by annual funding at Hanford.

Richland Operations Office: \$1.635 billion

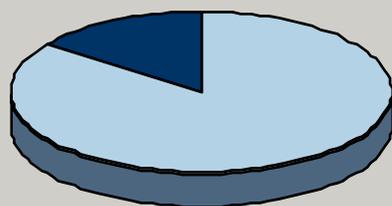
Columbia River Corridor Cleanup

- ▶ Demolish facilities and remediate waste sites near the K Reactors. Includes disposition of the K East Reactor.
- ▶ Remediate trenches at the 618-10 Burial Grounds and remediate newly identified waste sites in the 100 Areas.
- ▶ Accelerate groundwater remediation near the Columbia River: Build new/expand current treatment systems, install monitoring and treatment wells, decommission excess wells.

Central Plateau Cleanup

- ▶ Continue development of regulatory decision documents (e.g., Records of Decision, Dangerous Waste Closure Plans).
- ▶ Outer Zone, 200 North Area: Demolish spent fuel transfer facilities, remediate waste sites, dispose of locomotive and rail cars.
- ▶ Outer Zone: Complete cleanup of contaminated soil surrounding the B/C Cribs (known as the B/C Control Area), remediate miscellaneous waste sites, decommission excess wells
- ▶ Outer Zone: Complete closure plans for two landfills that once received non-radioactive, hazardous waste and solid waste.
- ▶ Inner Zone, Plutonium Finishing Plant: Clean out and prepare facilities for demolition, remove processing equipment from facilities.
- ▶ Inner Zone, U Plant: Demolish 16 ancillary facilities, prepare U Plant for demolition.
- ▶ Inner Zone: Demolish 14 industrial facilities in the 200 East/West Areas, demolish the plutonium criticality laboratory (209-E).

Total Funding by DOE Field Office



Richland Operations Office
Office of River Protection

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Central Plateau Cleanup, cont'd

- ▶ Groundwater Remediation: Accelerate construction of a facility and install additional wells in the 200 West Area to treat and contain contaminated groundwater in the Central Plateau.
- ▶ Inner Zone, Environmental Restoration Disposal Facility: Construct two new disposal cells, expand operations to accommodate more trucks hauling cleanup debris to the disposal facility.
- ▶ Inner Zone, Transuranic (TRU) and Solid Waste: Continue retrieving and re-packaging contact-handled TRU waste, initiate retrieval of remote-handled TRU waste, continue building backlog of waste for shipments of TRU waste off the site, complete treatment of backlog of legacy mixed, low-level waste.

Hanford Reach National Monument (Arid Lands Ecology) Cleanup

- ▶ Clean up more than 200 debris areas (not contaminated), demolish more than 20 facilities/structures.

Office of River Protection: \$326 million

Recovery Act funds will upgrade the Hanford Tank Farms and critical operating facilities and support facility infrastructure required to provide sustainable tank waste feed to the Waste Treatment Plant.

Infrastructure Upgrades

- ▶ Increase capacity and extend the life of the 242-A Evaporator
- ▶ Evaluate additional evaporator capacity
- ▶ Prepare the 222-S Laboratory to support tank waste operations

Tank Farm Upgrades

- ▶ Enhancing reliability and operability by installing new corrosion probe and cathodic protection systems
- ▶ Refurbish and replace leak detections
- ▶ Remove obsolete equipment
- ▶ Upgrade electrical systems
- ▶ Procure critical spare parts, valves and filters to reduce down-time

