

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

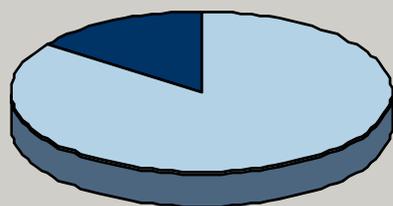
Columbia River Corridor Cleanup

- ▶ 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 facilities, install treatment wells, test new methods for containing and treating contaminants, remediate soil contamination in the 100 B/C Areas, expand/improve existing contamination barriers.

Central Plateau Cleanup

- ▶ Establish regulatory framework (a CERCLA Record of Decision) to support completing cleanup of an outer zone of the Central Plateau (~65 sq. mi.) and shrinking the active area of Hanford cleanup to an inner zone of the Central Plateau (~10 sq. mi.).
- ▶ 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 up to 20 miscellaneous waste sites, decommission 350 wells
- ▶ Outer Zone: Complete closure plans for two landfills that once received non-radioactive, hazardous waste and solid waste.
- ▶ Inner Zone, Plutonium Finishing Plant: Demolish 13 facilities, remove processing equipment from facilities.

Total Funding by DOE Field Office



Richland Operations Office
Office of River Protection

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Central Plateau Cleanup, cont'd

- ▶ Inner Zone, U Plant: Demolish 5 remaining ancillary facilities, grout-fill processing cells.
- ▶ Inner Zone: Demolish 14 industrial facilities in the 200 East/West Areas, demolish the plutonium criticality laboratory (209-E).
- ▶ Inner Zone, Waste Site Remediation: Conduct investigation of radioactive waste burial grounds in the 200 East/West Areas (SW-1, SW-2 Operable Units).
- ▶ 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.

Office of River Protection: \$326 million

- ▶ Upgrade Tank Farm Infrastructure: Support double-shell tank feed readiness and life extension, single-shell tank integrity and life extension, consolidation of waste, and waste-feed infrastructure.
- ▶ Upgrade Infrastructure to Support Startup of the Waste Treatment Plant in 2019: Increase the operating capacity of the 242-A Evaporator and conduct upgrades to extend its operating life, upgrade and extend the operating life of the 222-S Laboratory that will analyze samples of tank waste, upgrade the major waste transfer line between Hanford's 200 West and 200 East Areas, upgrade facilities that will receive secondary waste and liquid effluent from the Waste Treatment Plant, and modify the Canister Storage Building to store treated tank waste.

