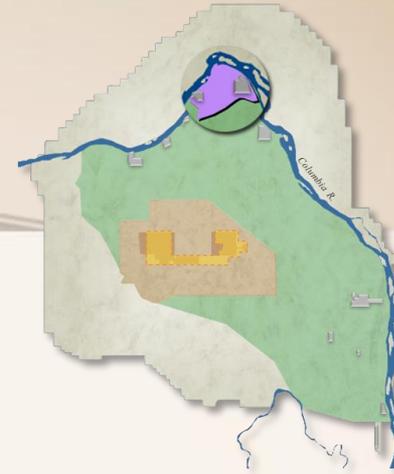




River Corridor

- River Corridor scope has grown significantly since contract start:
 - Over 100 waste sites added to the contract
 - Discovery of deep chromium soil contamination at 100-B/C and 100-D Areas
 - Highly contaminated soils discovered under the 324 Building B Cell
- New scope performed using cost savings (\$270M) and work resequencing





River Corridor C,D,F & H Area

Soil & Groundwater Remediation

- Removed 685,095 tons of soil in Fiscal Year (FY) 2012
- Prioritizing high chromium sites
- Extensive new and expanded waste sites
- Excavation of deep chromium waste sites (100-D-100/104/30) completed to 55 feet
- Power line and groundwater well relocation required to access deep vadose zone chromium contamination
- F Area remediation complete

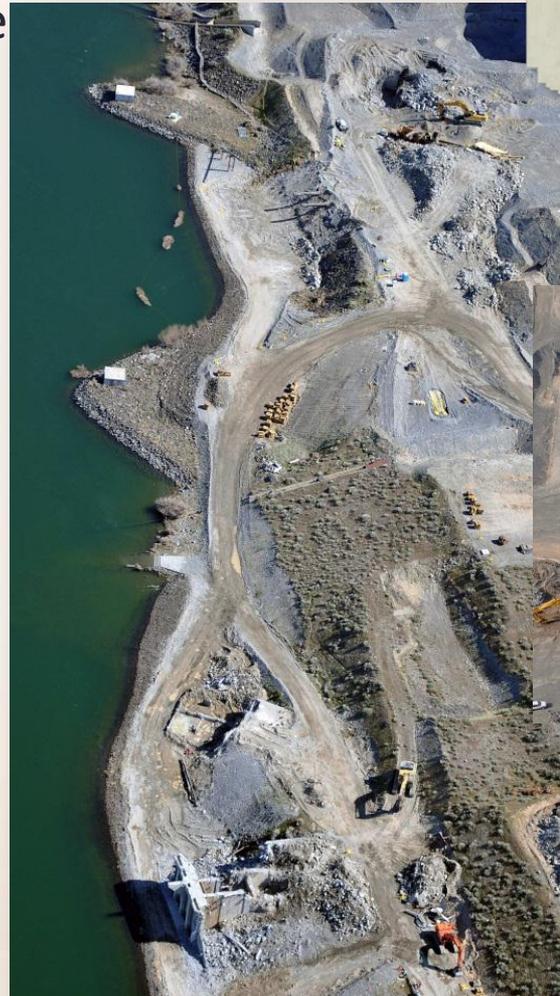


100-D-100



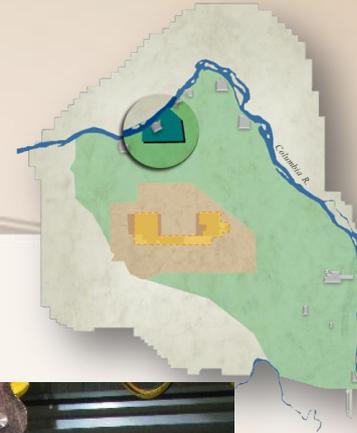
River Corridor N Area

- Complete removal of river structures in June
- N Reactor Fuel Basin decontamination and decommissioning complete
- Complete N Reactor Interim Safe Storage (ISS) in July
- Deactivation, decommission, decontamination, and demolition (D4) of excess structures will be complete in June





River Corridor K Area



K Area Sludge Removal

- Processed and shipped the last of the known basin and burial ground found spent nuclear fuel to the Canister Storage Building
- Completed Knock-Out Pot readiness assessment and will start processing Knock-Out Pot material in June
- Awarded the contract for the K West Annex modification – Hazardous Category 2 modification
- Initiated ISS of K East



MCO #389 movement to trailer inside 105KW Transfer Annex

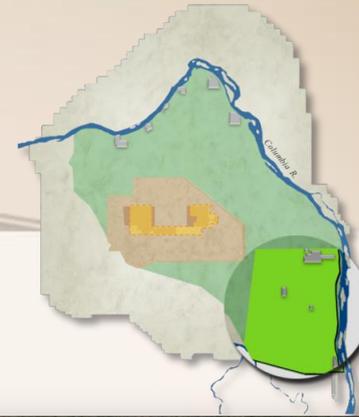
MCO #389 transport to the Canister Storage Building



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River Corridor 618-10



- **618-10 Burial Ground**

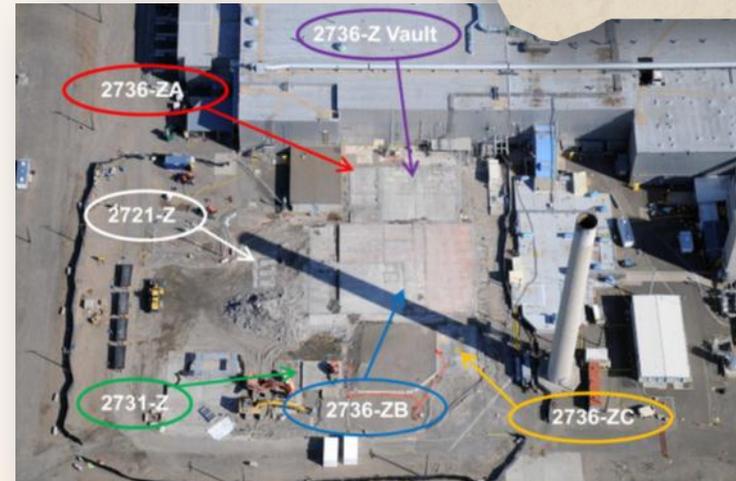
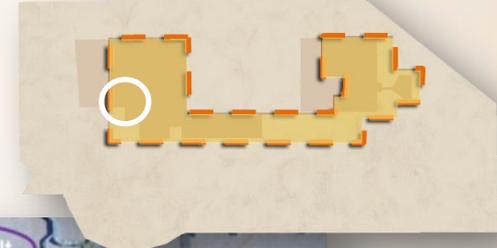
- 60,000 cubic meters of waste remediated from 618-10 trenches
- 1,400 Environmental Restoration Disposal Facility containers shipped for disposal
- 320 drums removed from trenches
- Started “bottle crushing” process to eliminate handling of individual containers





Central Plateau Inner Area: Plutonium Finishing Plant

- Completed demolition of a plutonium vault complex (six structures and approximately 20,000 square feet)
- Strengthened operational and work management elements increasing field work time and efficiency
- Continue decommissioning the remainder of the Plutonium Finishing Plant, removing glove boxes and other radiological and industrial hazards to prepare the plant for demolition



*Demolition of PFP
Vault Building*





Groundwater

- **Groundwater Treated:** 688 million gallons treated in FY 2012, approximately 100 million gallons of groundwater treated a month
- **New Facility:** The 200 West Groundwater Treatment Facility received the first Leadership for Energy and Environmental Design (LEED®) — gold certification for sustainable design in the DOE complex of sites that produced nuclear materials for national defense
- Major construction of the 200 West Groundwater Treatment Facility was completed, under American Recovery and Reinvestment Act, in 2011
- Following acceptance testing, operations will begin this summer



200 West Groundwater Treatment LEED Facility

Maintaining Site Infrastructure: 200 Area Raw Water Reservoir Rehabilitation Project



- Reservoir with pump house constructed in early 1940's
- Furnishes raw water from export grid to 200W raw water grid as well as 283W water treatment facility
- Capacity of 3 million gallons, however administratively controlled at times to minimize impacts of leakage
- Project scope includes structural repairs, liner and leak detection installation, and replacement of suction bells and valving with estimated completion date July 2012





Waste Treatment Plant Interface

- Waste Treatment Plant (WTP) Interface Management Plan approved by RL and ORP
- Joint federal/contractor teams revising Interface Control Documents to refine infrastructure requirements for WTP operations
- Electrical substation and distribution system design modifications in progress to support Waste Feed and Delivery System to WTP
- Central Plateau water system improvements in progress to support the Hanford Site and reliable water delivery to WTP and Tank Farms





Asbestos Update

- Implemented corrective actions; most of the actions have been completed
- Sampling results summarized in a industrial hygiene (IH) report
- Sampling analysis indicates no samples above Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL)
- Continue to track and implement the long term actions identified by the team

<http://www.hanford.gov/page.cfm/EmployeeAsbestosInformation>



Getting the Word Out

The Hanford Story

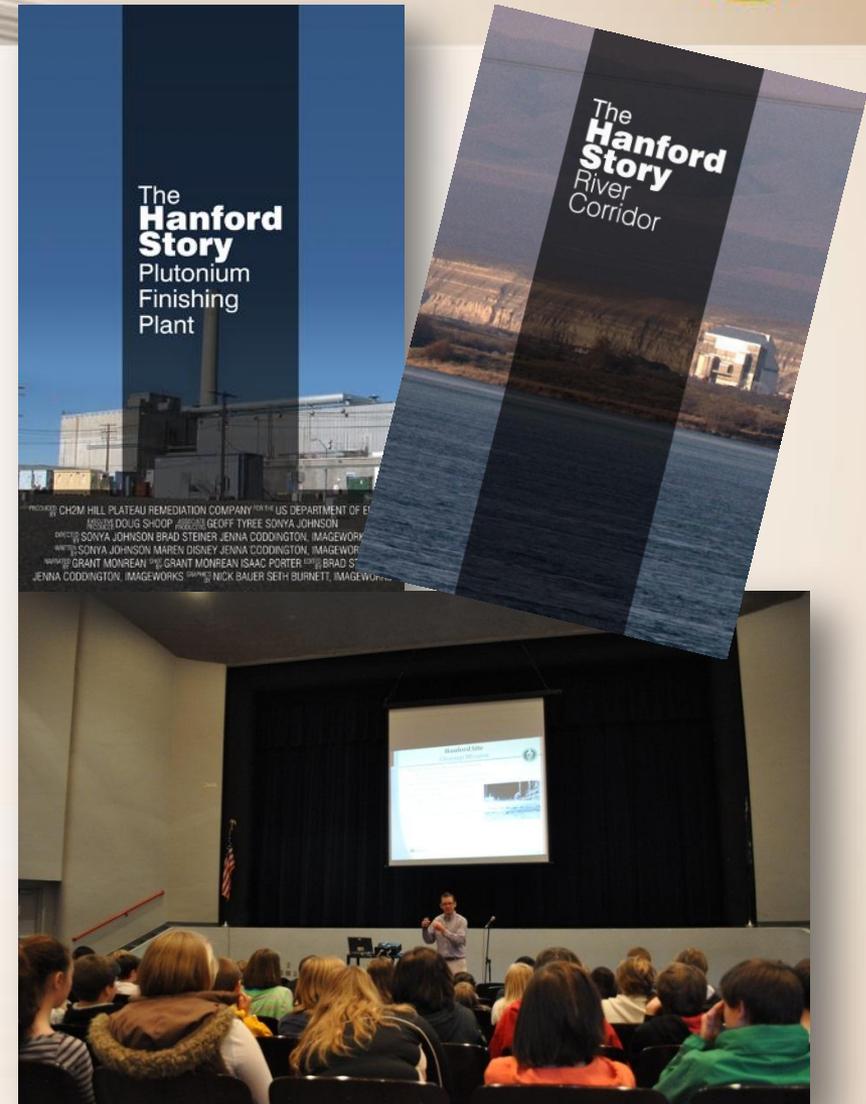
- Plutonium Finishing Plant
- River Corridor

Hanford Site Tours - 2012

- 16 Hanford Site Public Tours – 575 visitors
- 7 College/University Classroom tours -151 faculty and students

B Reactor Tours

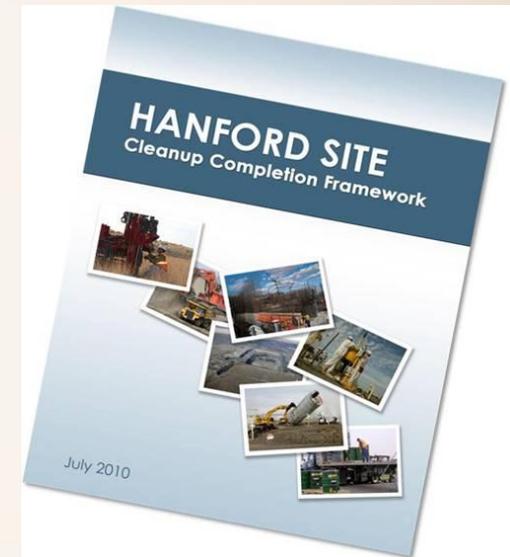
- 76 Tours reaching 2,455 visitors. 346 visitors were between the ages of 12 and 18
- Speakers Bureau
- 899 audience participants at 11 venues past two months. Two of those were University classes





Did You Know

- River Corridor Informational Workshops
 - June 12 - Seattle
 - June 13 – Portland
 - June 14 – Hood River
 - June 26 – Richland
- Hanford Site Wide Safety Culture Survey
 - Conducted by an independent company, EurekaFacts
 - Participants are Hanford federal and contractor employees
 - Survey runs from June 6 through June 20; results expected September 2012
- Employee Concerns Assessment
- Secretary Chu will visit Hanford June 14-15
- Revised *Hanford Site Cleanup Completion Framework* will go out for informal review and comment this summer



Questions

