



# Hanford 2014 Budget

## Budget Overview and Information

Two U.S. Department of Energy (DOE) offices oversee Hanford Site cleanup. The Richland Operations Office (RL) manages the projects associated with cleaning up reactors, soil, groundwater, and solid waste burial sites. DOE-RL also manages the demolition of facilities, and the disposition of the remaining plutonium on the Hanford Site.

The Office of River Protection (ORP) manages the nuclear and chemical waste currently stored in 177 underground tanks. DOE-ORP is also responsible for constructing the Waste Treatment and Immobilization Plant (WTP), which will turn tank waste into a glass form through a process called vitrification. Vitrification will solidify the waste, making it more stable and suitable for disposal.

Each year DOE-RL and DOE-ORP are required to prepare an annual budget submittal that is compliant with the Hanford Federal Facility Agreement and Consent Order, also known as the Tri-Party Agreement or TPA.

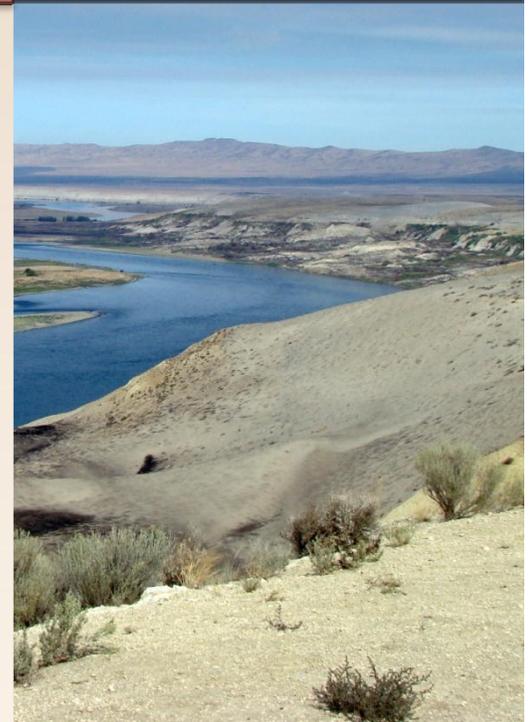
DOE has a three-year budget process. DOE is currently working to Fiscal Year (FY) 2012 budget. The President released his FY 2013 budget request to Congress on February 13, 2012. Based on the FY 2012 and 2013 budget information, cleanup priorities, and input from the public, regulatory agencies, tribes, Hanford Advisory Board and others, DOE is formulating its FY 2014 budget.

## Hanford Budget and Cleanup Priorities – 2014

DOE-RL, DOE-ORP, U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) invite you to participate in a public meeting on Hanford cleanup priorities.

DOE-RL will provide an overview of priorities for Groundwater Remediation, as well as River Corridor and Central Plateau cleanup progress. DOE-ORP will provide an overview of priorities for WTP and Tank Farm Projects. Ecology and EPA will provide each organization's perspective concerning budgets and priorities for each of the DOE offices.

Information concerning DOE's budget can be found on the Hanford website at [www.hanford.gov](http://www.hanford.gov). In the rotating banner, click on "President's Budget Request, FY 2013" to find information on FY 2011, FY 2012 and FY 2013 budget requests.



## Public Meeting Notes:

### Public Meeting on 2014 Hanford Budget and Cleanup Priorities

Thursday,  
March 15, 2012

12:30 p.m. – 4:30 p.m.

Richland Public Library  
*Gallery Room*



Can't make it in person to the budget meeting? Participate by webinar.  
To Register go to: <https://www3.gotomeeting.com/register/755714990>



# DOE – Richland Operations Office

\*\*\* \$ in 000's throughout fact sheet \*\*\*

## DOE-RL's FY 2012 Budget – Appropriations at \$1.022B

### DOE-RL budget enacted is helping make the 2015 Vision a Reality

- **River Corridor (RC)** includes the nine production reactors and associated facilities in the 100 Area as well as the fuel fabrication, research and development facilities in the 300 Area located in north Richland. RC cleanup is to be complete in the 2015 time period. FY 2012 RC work activities are:
  - Nuclear Facility Decontamination and Decommissioning (D&D) – remainder of Hanford - \$56,121
  - Nuclear Facility D&D – RC Closure Project - \$329,048
- **Central Plateau (CP)** includes 75 square miles in the central portion of the site known as the 200 Area. The CP is the location of chemical processing facilities used to separate and recover plutonium. For planning purposes the CP is divided into Inner and Outer Areas. The Inner Area is expected to be the final footprint of Hanford at ~10 square miles and the Outer Area at ~65 square miles is planned to be completed between 2015 and 2020. FY 2012 CP work activities are:
  - Nuclear Material Stabilization & Disposition – Plutonium Finishing Plant (PFP) – \$99,195
  - Spent Nuclear Fuel Stabilization & Disposition - \$111,952
  - Solid Waste Stabilization & Disposition – 200 Area – \$143,482
  - Soil & Water Remediation – Groundwater/Vadose Zone – \$190,705
- Richland Community & Regulatory Support – \$19,540
- Safeguards & Security – \$69,078
- Nuclear Facility D&D – Fast Flux Test Facility – \$2,703

## DOE-RL's FY 2013 Budget – President's Budget Request at \$1.038B

### DOE-RL will continue to make cleanup progress.

- **River Corridor** and other cleanup operations - \$389,347
  - Nuclear Facility D&D for remainder of Hanford by 2035
  - Nuclear Facility D&D for RC Closure Project
- **Central Plateau** Remediation - \$558,820
  - Maintain CP Remediation and Infrastructure facilities in dormant state
  - Continue progress toward cleanout and demolition of PFP
  - Spent Nuclear Fuel project will begin to transfer sludge, move it away from the Columbia River by 2015, and put the last reactor into interim safe storage
  - Continue groundwater pump-and-treat
  - Transuranic (TRU) Waste Management will be dormant in FY 2013. TRU shipments to the Waste Isolation Pilot Plant will resume sometime after 2015
- Richland Community & Regulatory Support – \$15,156
- Safeguards & Security – \$71,746
- Nuclear Facility D&D – Fast Flux Test Facility – \$2,704



## DOE-ORP's FY 2012 Budget – Appropriation at \$1.185B

### Radioactive Liquid Tank Waste Stabilization and Disposition - \$445,000

Includes the storage, retrieval, treatment, immobilization, and disposal of liquid tank waste and operation, maintenance, engineering, and construction activities in the 200 Area Tank Farms

- Conduct six double shell tanks (DST) to DST transfer and waste sampling
- Bulk retrieval from two C Farm single shell tanks (SSTs) and hard heel removal from four C farm SSTs
- Design and construction for next C Farm SST retrievals
- Initiate AY and AZ Farm Waste Feed Delivery System, including design and procurement

### Major Construction - Waste Treatment Plant \$740,000

A multi-year construction project to build a WTP to process and immobilize the tank waste is ongoing. The processed high-radioactivity fraction of the waste is being prepared for on-site storage and awaiting final disposal. The lower-hazard waste will be disposed in buried waste facilities on the Hanford Site.

- WTP is approximately 84 percent complete with design and engineering
- WTP is 59 percent complete with construction
- WTP is 63 percent complete overall
- Complete construction of Glass Former Storage Facility and Chiller Compressor Plant
- Complete architectural design of High-Level Waste Facility
- Integrated testing of Pretreatment Process Vessels



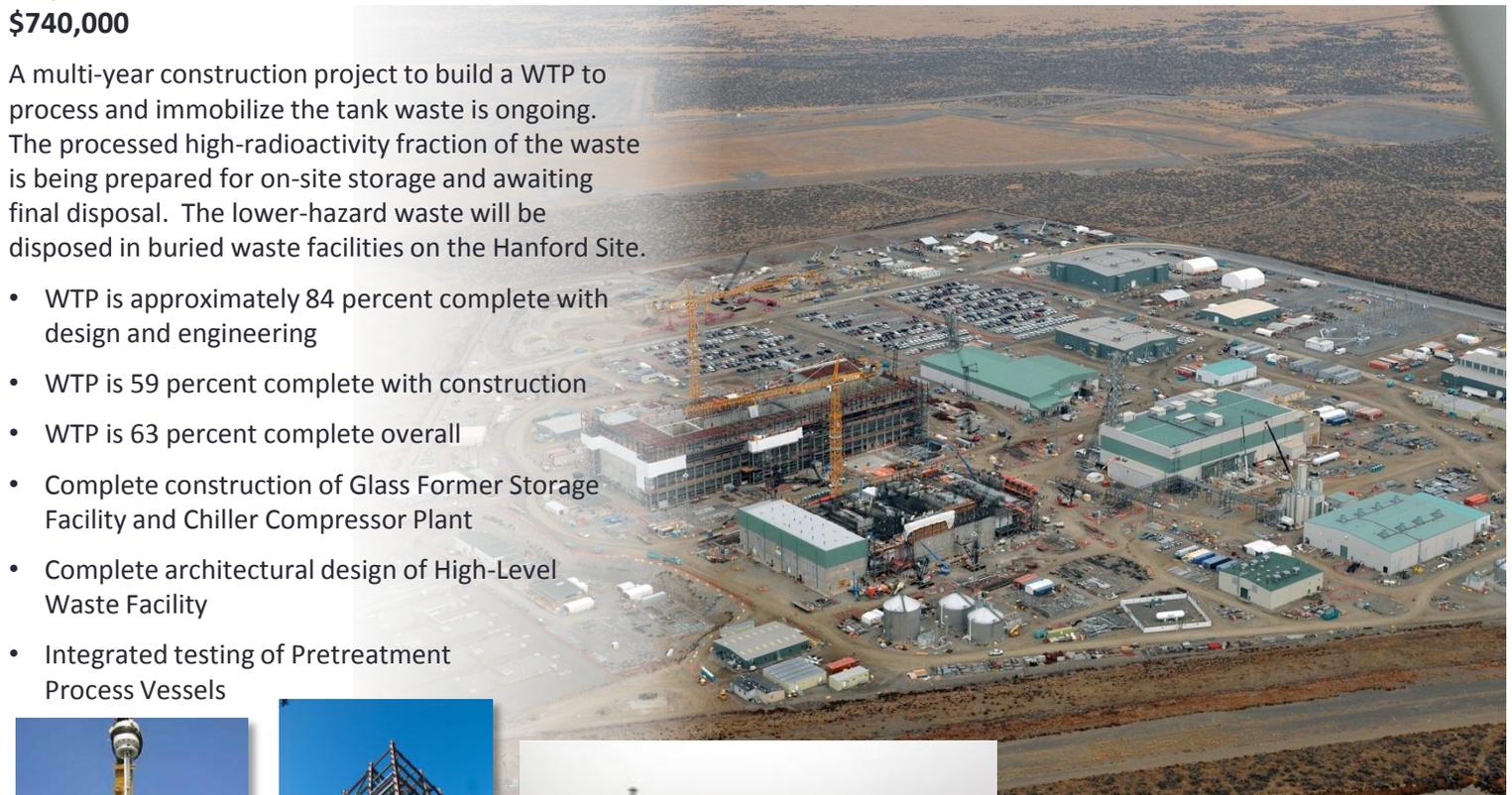
## DOE-ORP's FY 2013 Budget – President's Budget Request at \$1.172B

### Radioactive Liquid Tank Waste Stabilization and Disposition - \$482,113

- Continue tank farm infrastructure upgrades and waste feed delivery projects
- Continue with C Farm retrieval
- Conduct SX Interim Measures/Barrier

### Major Construction - Waste Treatment Plant \$690,000

- Resolution of technical issues
- Turnover construction to startup organization for nine Balance of Plant facilities
- Remaining resources will be placed on High-Level Waste Facility then Pretreatment Facility
- Continue engineering and design efforts for the High-Level Waste Facility and Pretreatment Facility



**Waste Treatment Plant  
is 63% Complete**

### DOE-RL's Social Media Sites

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[www.hanford.gov](http://www.hanford.gov)



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[www.youtube.com/hanfordsite](http://www.youtube.com/hanfordsite)

**Please submit  
comments by  
April 17, 2012  
in writing,  
by mail or  
electronically to:**

*U.S. Department of Energy  
Attn: 2014 Budget  
P.O. Box 550, A7-75  
Richland, WA 99352*

***E-Mail:***

**Hanford\_Budget\_2014@rl.gov**

### DOE-ORP's Social Media Sites

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