



U.S. DEPARTMENT OF  
**ENERGY**

Richland Operations  
Office

# Hanford Advisory Board

## *2013 Lifecycle Scope, Schedule and Cost Report*

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*US Department of Energy – Richland Operations Office*

*June 6, 2013*



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure



## Tri-Party Project Managers

The U.S. Department of Energy (DOE), Richland Operations Office (RL) Project Integration and Control (PIC) organization is responsible for Tri-Party Agreement (TPA) Milestone M-036-01C, *2013 Hanford Lifecycle Scope, Schedule and Cost Report* (Lifecycle Report)

- **Stephen Korenkiewicz** is the RL Project Manager
- **David Einan** is the U.S. Environmental Protection Agency (EPA) Project Manager
- **Melinda Brown** is the Washington State Department of Ecology (Ecology) Project Manager
- Mission Support Alliance (MSA) Portfolio Management is the supporting DOE contractor





## Key TPA Milestone Requirements

- Shows “to go” scope, schedule and cost for completing the Hanford Site cleanup mission through 2090, based on all existing compliance requirements and agreements (i.e. TPA, Records of Decision, etc.)
- Presents DOE’s configuration controlled planning case information
- Includes DOE-RL and DOE-ORP costs from 2013-2090
- Lifecycle Report is prepared annually, by January 31 each year
- Information is presented by Project Baseline Summary (PBS):
  - Greater detail is available for near term (2-5 years)
- Lifecycle Report takes into account Tribal Nations, Oregon Department of Energy, and Hanford stakeholder values where cleanup decisions have not been made





## Status

Three Lifecycle Reports have been completed: 2011, 2012 and 2013

The 2013 Lifecycle Report was submitted to EPA and Ecology on January 31, 2013 and public input was received until April 12, 2013

The 2013 Lifecycle Report and Fact Sheet (and prior reports and input received) are available at [www.hanford.gov](http://www.hanford.gov) on the rotating banner

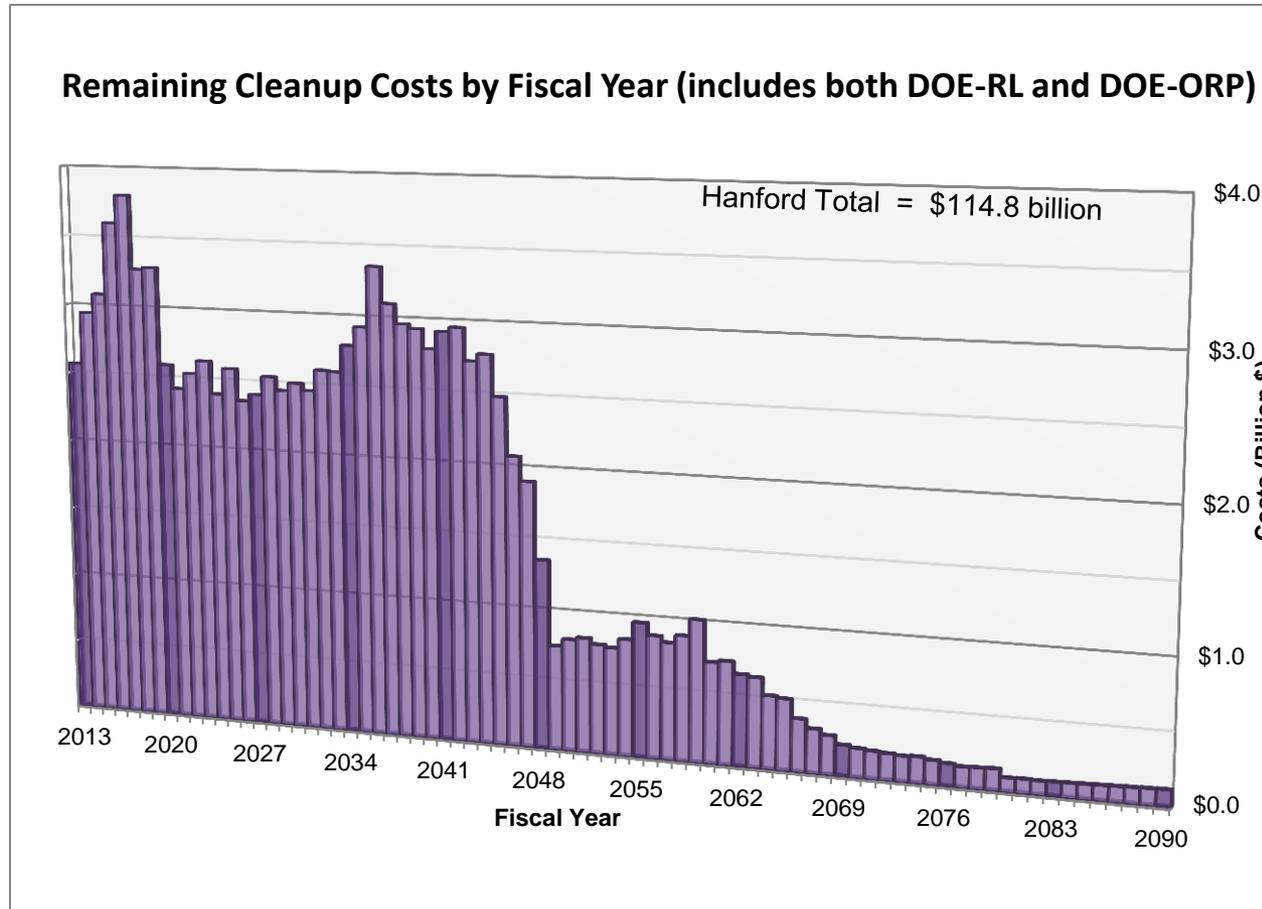
The 2014 Lifecycle Report is currently under development:

- TPA Agencies are working together; input on prior reports is being considered
- Updating scope, schedule and cost to reflect new compliance agreements, TPA milestone changes, etc.
- Improving readability, reducing report size and cost of report preparation
- After considering the remaining cleanup actions to be analyzed, the timing of anticipated regulatory decisions, the potential benefits and the effort required to conduct the analyses, the TPA Agencies agreed that the 2014 Lifecycle Report will not include an alternative analysis





# 2013 Lifecycle Report Highlights





# 2013 Lifecycle Report Highlights

## Remaining Cleanup Costs by Project Baseline Summary (PBS)

Project Work Scope	2013 Lifecycle Report (Billion \$)
NM Stabilization and Disposition – PFP (PBS RL-0011)	\$0.8
SNF Stabilization and Disposition (PBS RL-0012)	\$0.4
Solid Waste Stabilization and Disposition - 200 Area (PBS RL-0013C)	\$9.8
Safeguards and Security (PBS RL-0020)	\$3.6
Soil and Water Remediation - Groundwater/Vadose Zone (PBS RL-0030)	\$8.3
Nuclear Facility D&D - Remainder of Hanford (PBS RL-0040)	\$18.8
Infrastructure and Services (PBS RL-0040)	\$2.7
Nuclear Facility D&D - River Corridor Closure Project (PBS RL-0041)	\$1.4
Nuclear Facility D&D - Fast Flux Test Facility Project (PBS RL-0042)	\$1.1
Richland Community and Regulatory Support (PBS RL-0100)	\$1.1
Radioactive Liquid Tank Waste Stabilization and Disposition (PBS ORP-0014)	\$55.5
Major Construction - Waste Treatment Plant (PBS ORP-0060)	\$4.1
<b>Hanford Site Total Remaining Estimated Cleanup Costs</b>	<b>\$107.5</b>
Long-Term Stewardship (PBS RL-LTS) <sup>1</sup>	\$5.4
Final Reactor Disposition <sup>1,2</sup>	\$1.9
<b>DOE-EM Total Remaining Estimated Cleanup Costs</b>	<b>\$114.8</b>

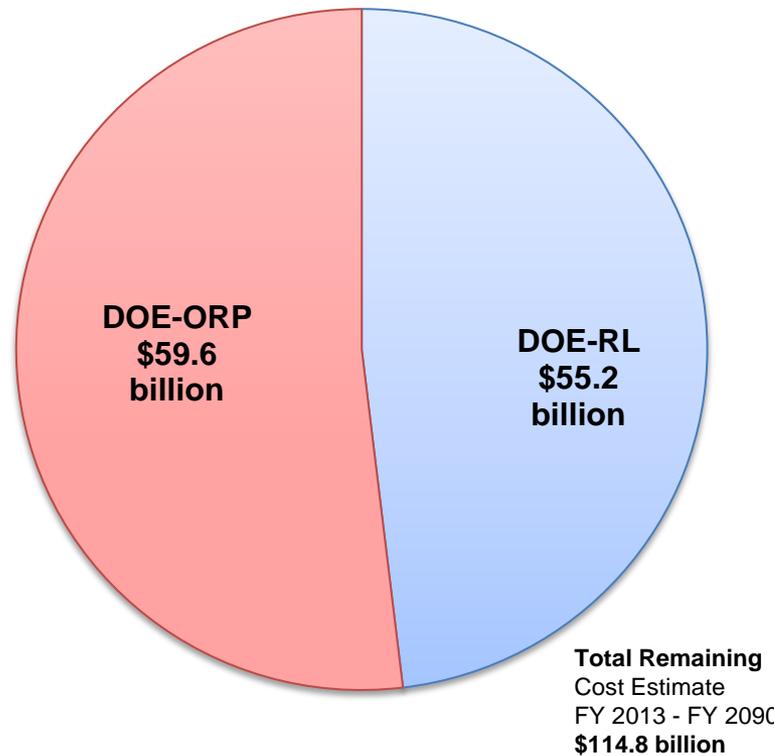
<sup>1</sup> Shown separate to align with DOE-Headquarters fund source accounting.  
<sup>2</sup> Final Reactor Disposition cost of \$1.9 billion was included in a footnote in the 2012 Lifecycle Report but not in the total lifecycle cost.





# 2013 Lifecycle Report Highlights

Estimated Cleanup Costs by DOE Field Office

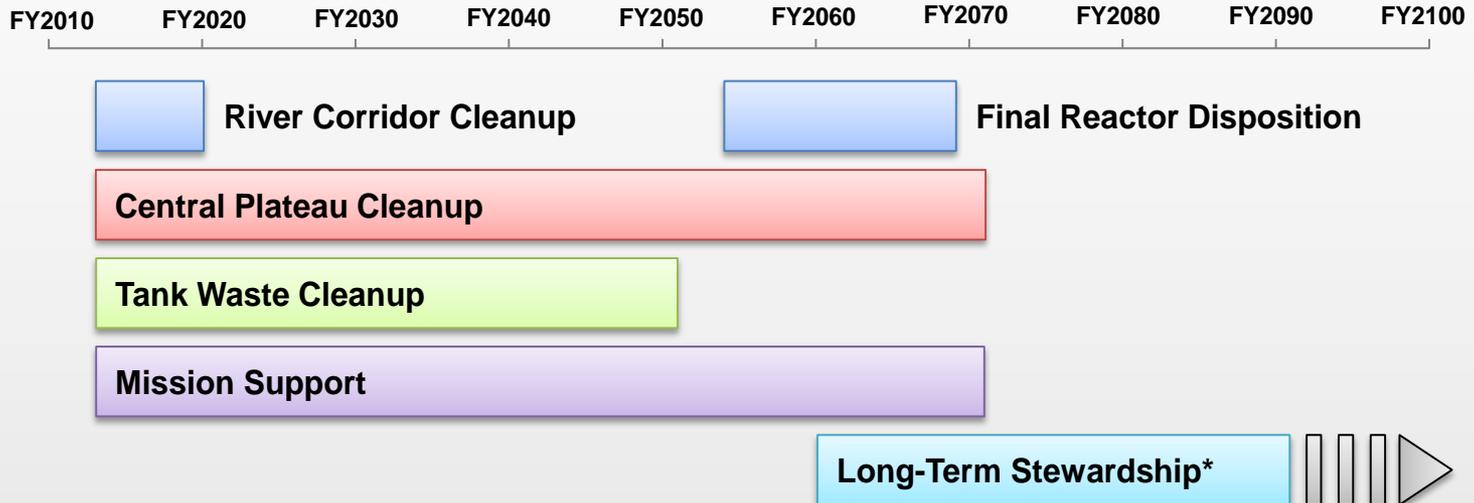




# 2013 Lifecycle Report Highlights

## Hanford Site Remaining Cleanup Schedule

The cleanup effort at the Hanford Site focuses on three major components with Mission Support activities that provide key infrastructure and services to the cleanup mission. The remaining schedule progresses from obtaining regulatory decisions, through designing cleanup remedies, to implementing those remedies, and finally, to the transition to long-term stewardship.



\* See Section 7.3.2 for the current Long-Term Stewardship program.

Scale dates represent start of fiscal year





## Providing Feedback

TPA agencies have reviewed and considered all feedback received on the 2011 and 2012 Lifecycle Reports.

Access <http://www.hanford.gov> to review the 2013 Lifecycle Report/Fact Sheet (and prior reports and input received)

