



THE HANFORD SITE

Hanford Cleanup Overview

Brian Vance, Manager
Hanford Field Office

October 23, 2024

Mission:

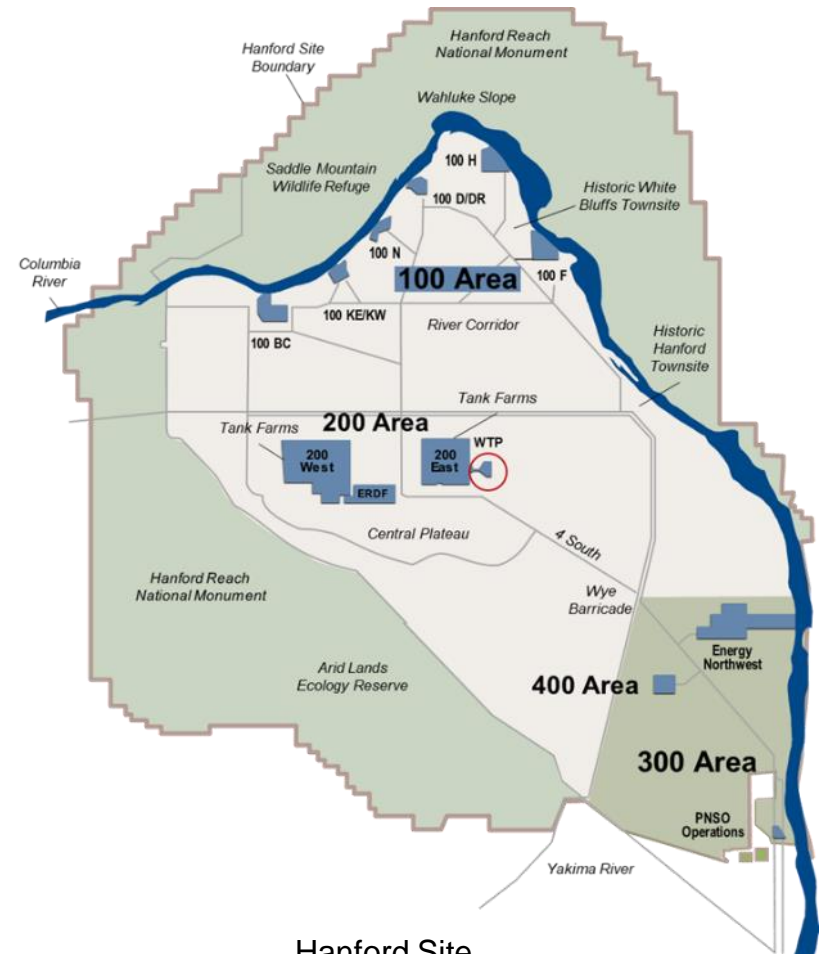
Safely and effectively treating tank waste and delivering environmental remediation

Key Site Activities:

- Deliver safe and secure operations
- Manage, treat and disposition tank waste
- Stabilize aging structures
- Demolish retired facilities
- Remediate waste sites
- Treat contaminated groundwater
- Right-size infrastructure

DOE Leadership Team Focus Areas:




- Health and safety of the workforce
- Strengthen operations-based culture
- Serve as a fair and demanding customer
- Strive for constructive stakeholder/tribal relationships
- Enhance DOE/contractor teamwork



Hanford Site

Our Funding

Recent Hanford Site Budgets

-  FY22: 2.70B
-  FY23: 2.84B
-  FY24: 3.04B

Total Spent on Cleanup
1989 – 2023

\$65.8 billion

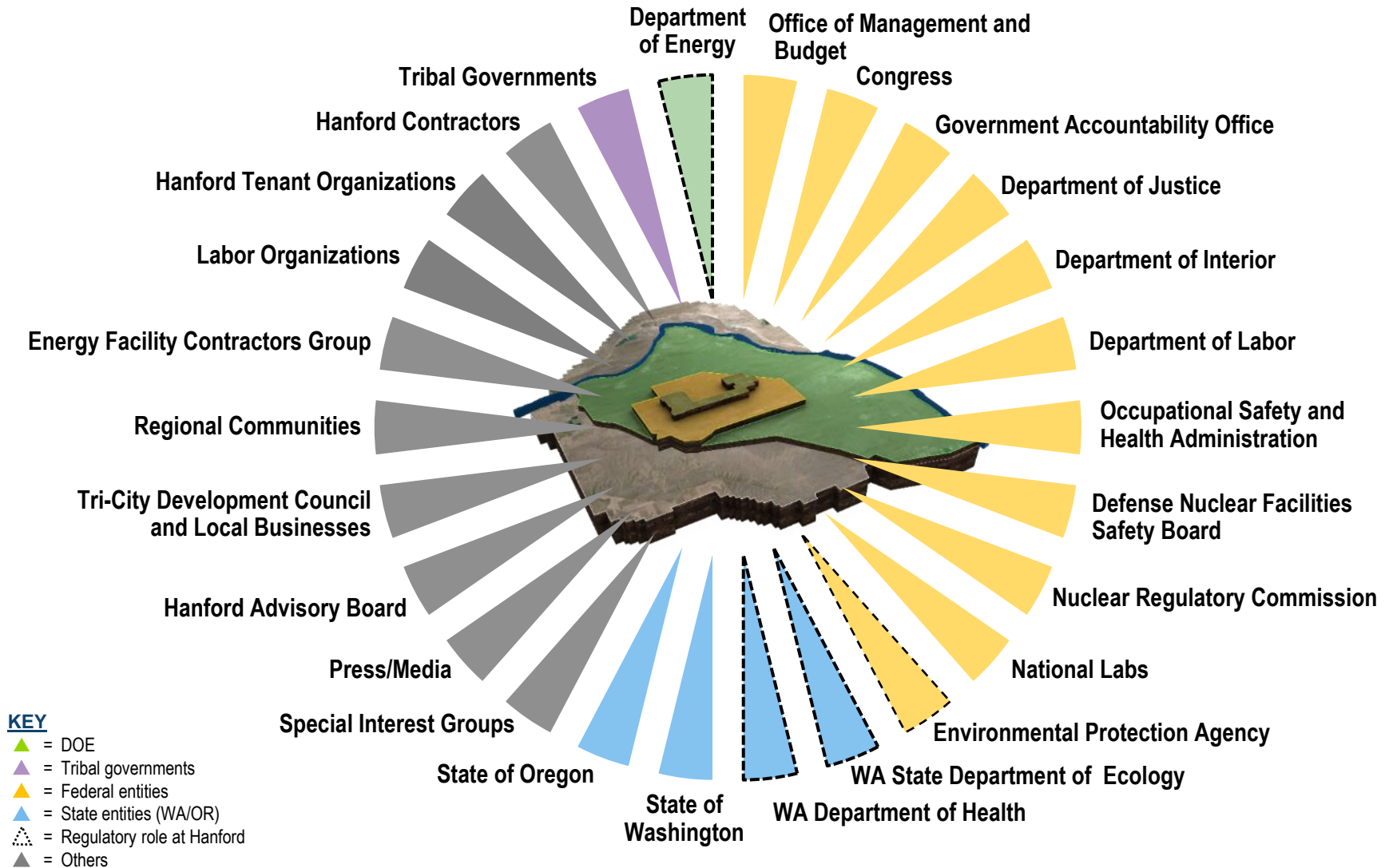
Hanford Badges
January 2024: 13,044

Subcontracts
FY23: \$514 million
FY22: \$490 million

One Hanford Team



Our Engagement Arena



Hanford Site Cleanup by the Numbers




NINE reactors | **SEVEN** cocooned | **ONE** preserved



681 tons of contaminants removed from groundwater



34.8 billion gallons of groundwater treated



19.1 million tons of soil / debris to engineered landfill

**HANFORD
CLEANUP** #s
by the NUMBERS

Oct. 15, 2024



21 underground waste-storage tanks retrieved



966 facilities demolished



1,061 waste sites remediated

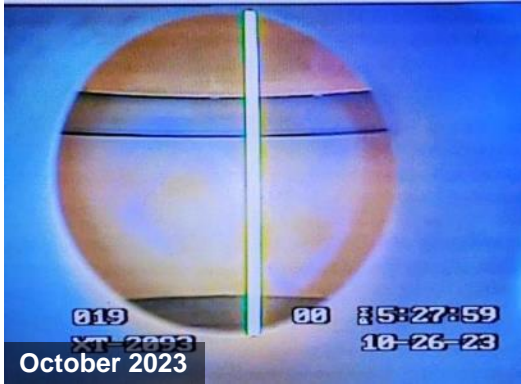


640 thousand gallons of tank waste ready for immobilization in glass

Tank Waste Overview



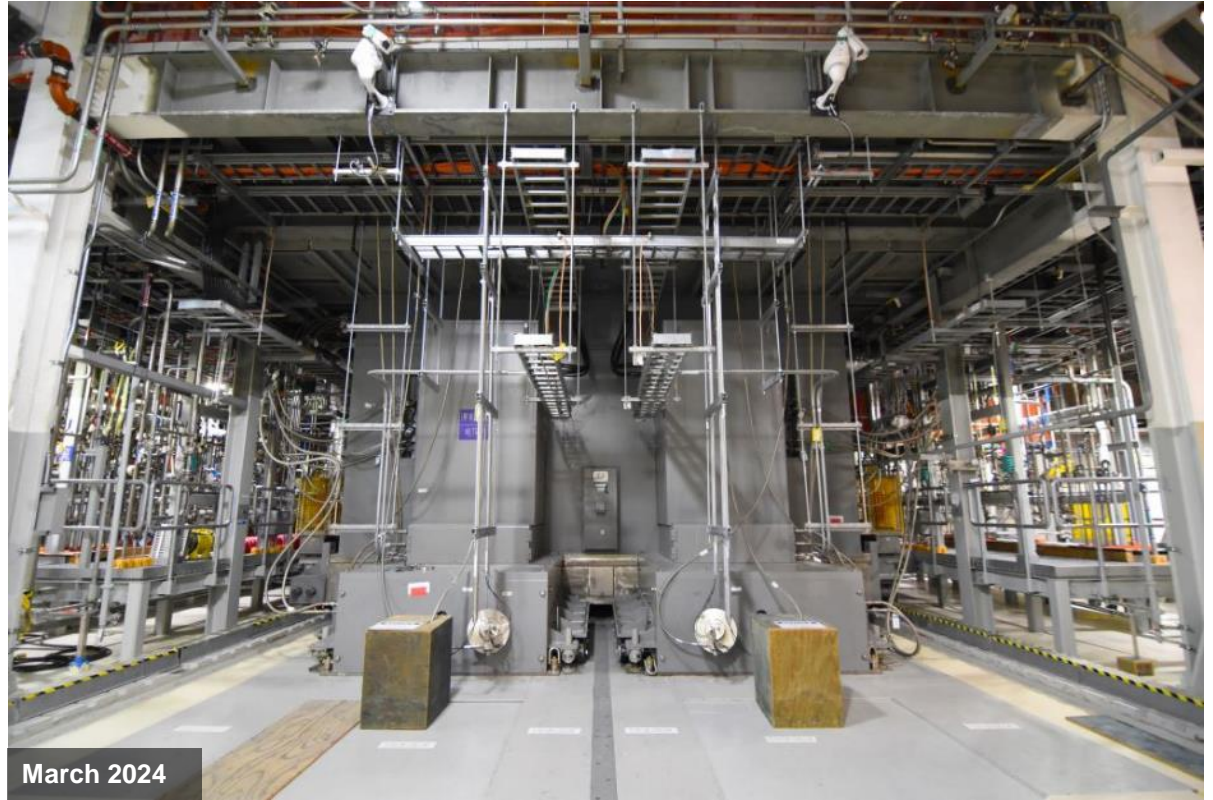
Our Tank Waste Mission



Molten glass is pictured during the first test pour from Melter 1



Recently constructed 80-by-80-foot concrete pad at the Integrated Disposal Facility



Melter 2 at the Waste Treatment and Immobilization Plant has reached its operational temperature of 2,100 degrees Fahrenheit



April 2024

Installation of shield doors in the High-Level Waste Facility



July 2024

Control room operators monitoring tuning feed being added to Melter 1



August 2024

Test Bed Initiative mast being lowered into Tank SY-101



June 2024

Tank AX-101 after retrieval of approximately 346,000 gallons of waste



August 2024

Equipment testing for Waste Encapsulation and Storage Facility capsule transfer project



August 2024

K West spent-fuel basin drained and stabilized with grout



August 2024

200 West Pump & Treat Facility increases treatment capacity



July 2024

Demolition of the 211-S Cold Chemical Makeup Tank Farm completed at Reduction Oxidation Plant



Crews inspect and repair Hanford Site meteorological towers



Inside of tank at the Central Plateau Water Treatment Facility



Helicopter pulling electrical cable



May 2022

Hanford Fire Department training



February 2022

Hanford Patrol training



March 2023

Radiological hazard training at HAMMER Federal Training Center



March 2024

Spring sun highlights H Reactor

