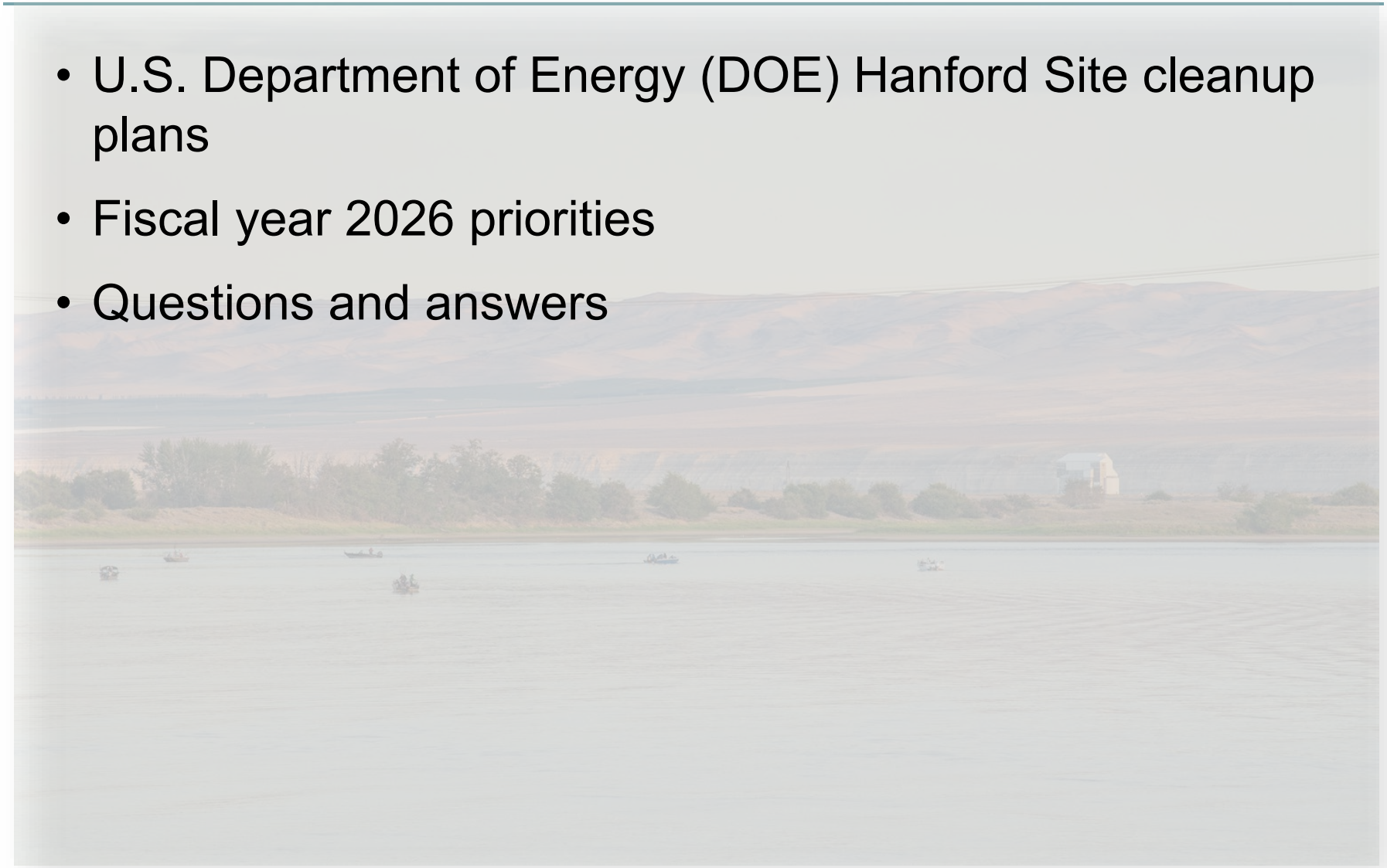
THE HANFORD SITE

Fiscal Year 2026 Hanford Site Cleanup Priorities Briefing

March 2024

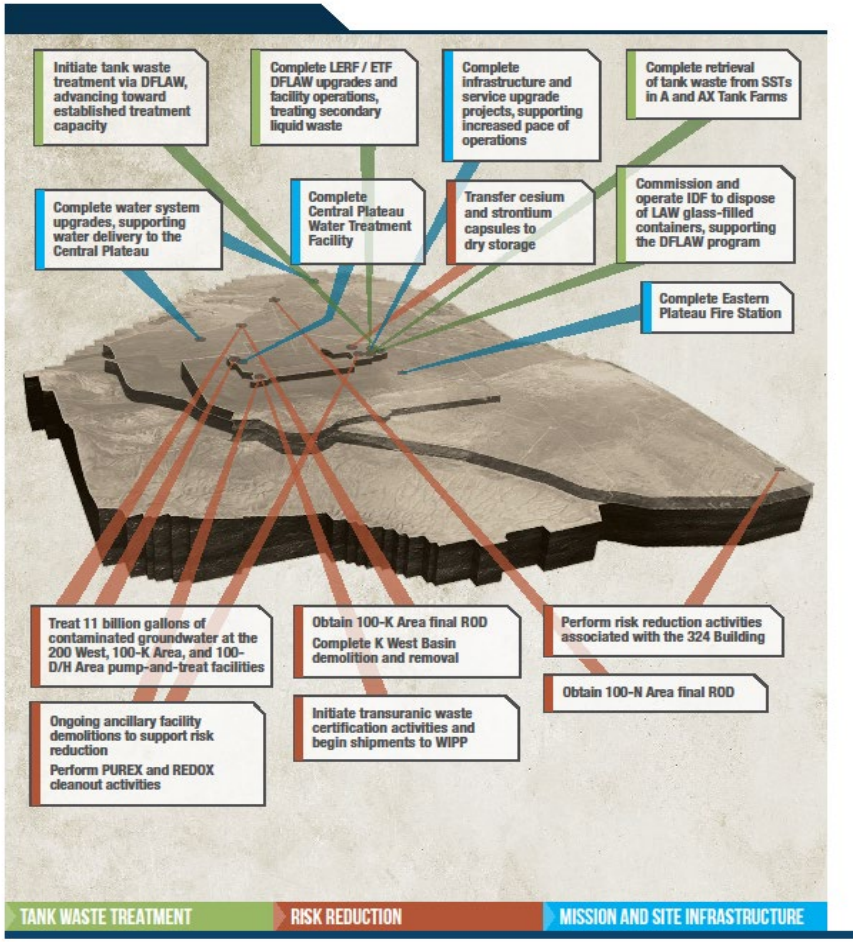
Agenda

- U.S. Department of Energy (DOE) Hanford Site cleanup plans
- Fiscal year 2026 priorities
- Questions and answers

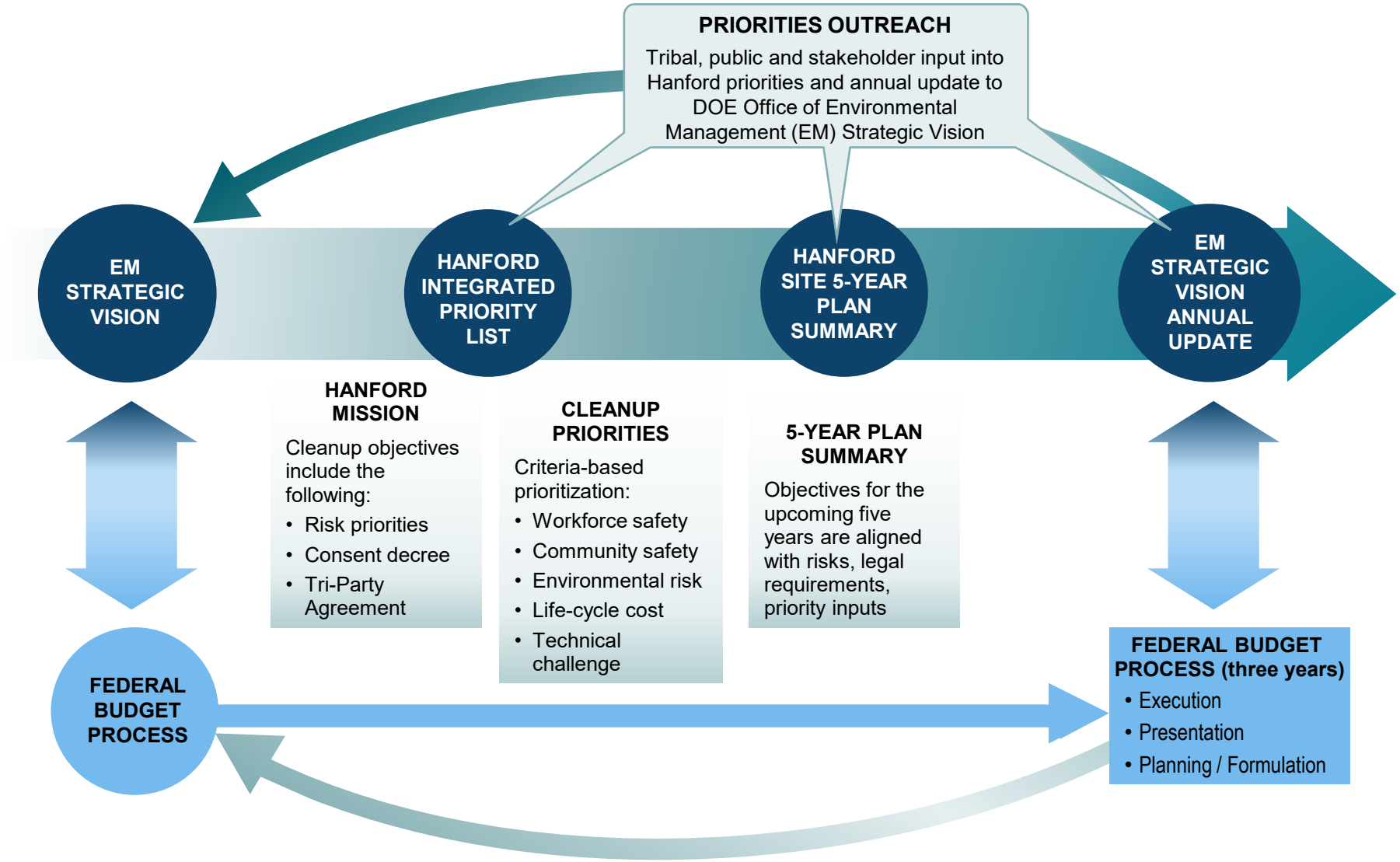


Hanford Site Risk Reduction

- Risk-reduction objectives in major Site areas:
  - Tank waste treatment
  - Central Plateau and Columbia River corridor risk reduction
  - Infrastructure
- 5-Year Plan
  - Supports discussion of Site risks
  - Activities updated annually

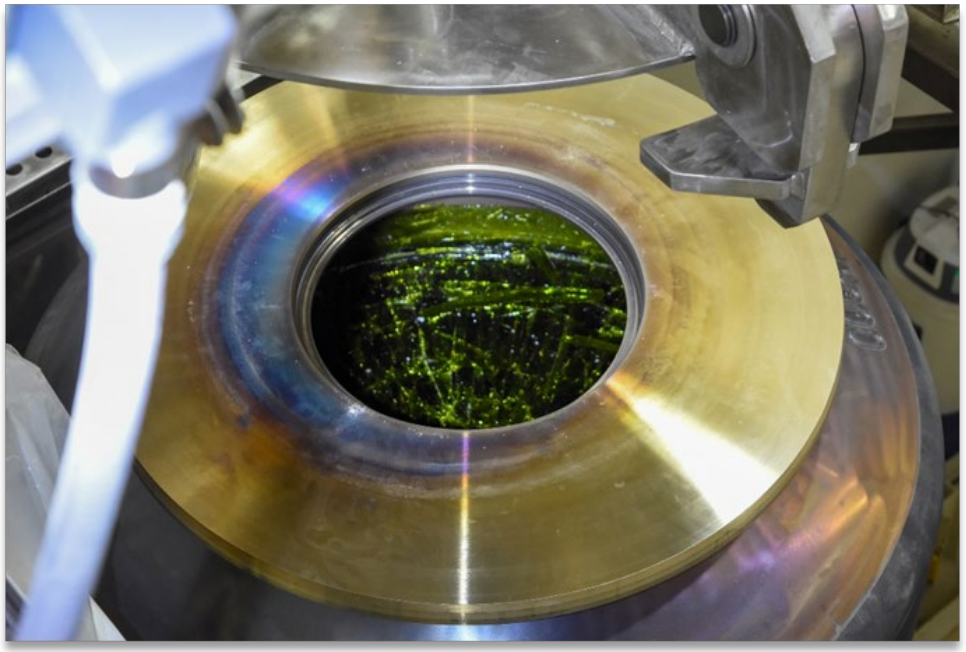


Process


PRIORITIES OUTREACH
Tribal, public and stakeholder input into Hanford priorities and annual update to DOE Office of Environmental Management (EM) Strategic Vision
EM STRATEGIC VISION
HANFORD INTEGRATED PRIORITY LIST
HANFORD SITE 5-YEAR PLAN SUMMARY
EM STRATEGIC VISION ANNUAL UPDATE
HANFORD MISSION
Cleanup objectives include the following:
• Risk priorities
• Consent decree
• Tri-Party Agreement
CLEANUP PRIORITIES
Criteria-based prioritization:
• Workforce safety
• Community safety
• Environmental risk
• Life-cycle cost
• Technical challenge
5-YEAR PLAN SUMMARY
Objectives for the upcoming five years are aligned with risks, legal requirements, priority inputs
FEDERAL BUDGET PROCESS
FEDERAL BUDGET PROCESS (three years)
• Execution
• Presentation
• Planning / Formulation

DOE Cleanup Priorities

- Deliver safe and secure operations
- Manage, treat and disposition tank waste
- Stabilize aging structures
- Demolish retired facilities
- Remediate waste sites
- Treat contaminated groundwater
- Maintain infrastructure to support the mission



The first clean molten test glass poured into the first container produced at the Waste Treatment Plant during commissioning of the melters in December 2023.

Office of River Protection Budget

($ in thousands)

PBS	PBS Title	FY 2024	FY 2025 (TBD)
ORP-0014	Radioactive Liquid Tank Waste Stabilization and Disposition	813,625	TBD
23-D-403	200 West Area Tank Farms Risk Management Project	15,309	TBD
15-D-409	LAWPS Subproject #2	60,000	TBD
Tank Farms		**888,934**	**TBD**
ORP-0060	LBL / Direct-Feed LAW	0	TBD
ORP-0060	High-Level Waste Facility	600,000	TBD
ORP-0060	Pretreatment Facility	20,000	TBD
Waste Treatment and Immobilization Plant (WTP)		**620,000**	**TBD**
ORP-0070	WTP Commissioning	466,000	TBD
Total	**Office of River Protection Funding Summary**	**1,974,934**	**TBD**

FY = fiscal year
PBS = project baseline summary
LAW = low-activity waste
LBL = Low-Activity Waste Facility, Balance of Facilities, and Analytical Laboratory
TBD = to be determined

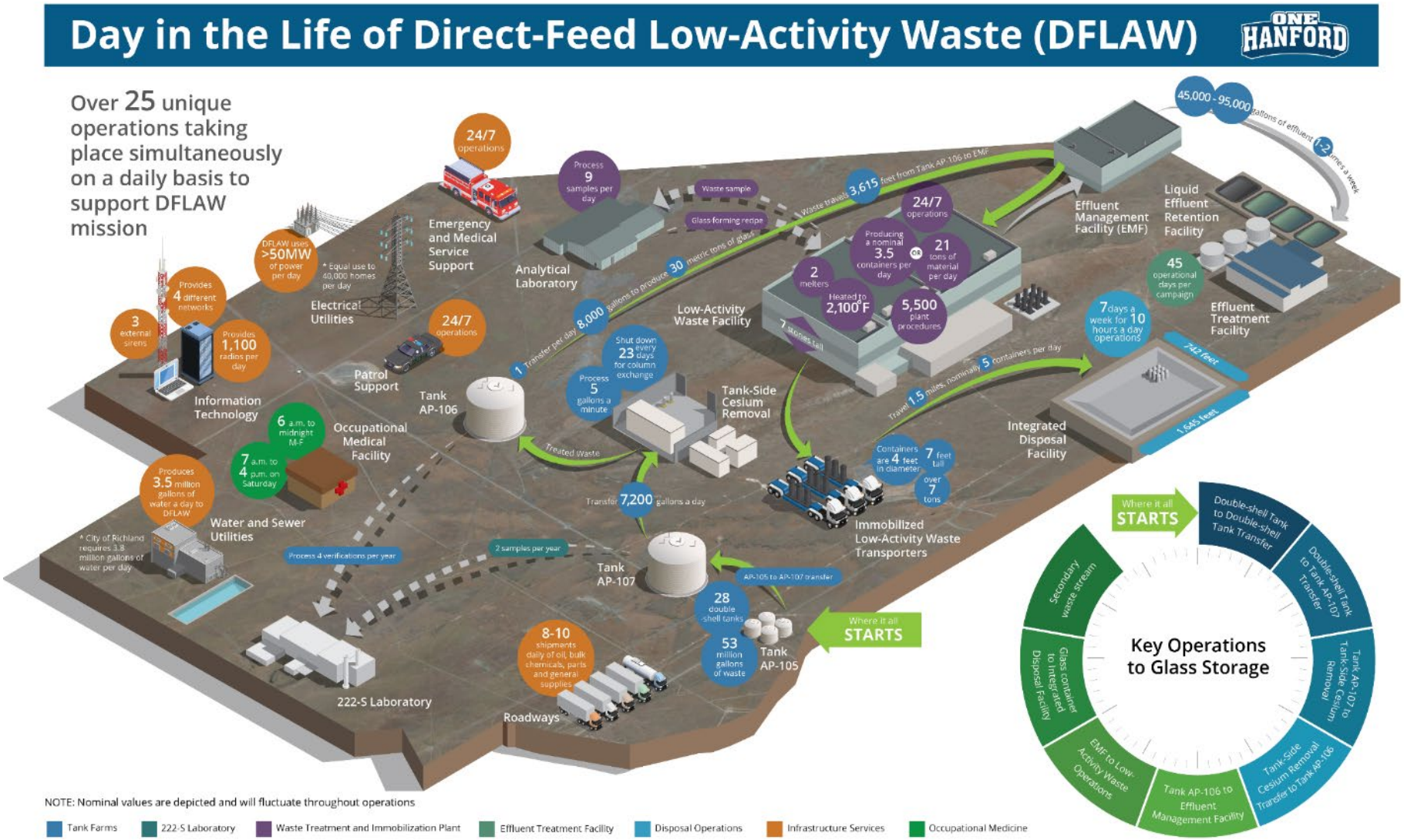
Richland Operations Office Budget

($ in thousands)

PBS	PBS Title	FY 2024	FY 2025 (TBD)
RL-0013C	Solid Waste Stabilization and Disposition	204,200	TBD
RL-0013C	24-D-401 – Environmental Restoration Disposal Facility Supercell	1,000	TBD
RL-0030	Soil and Water Remediation – Groundwater / Vadose Zone	138,300	TBD
RL-0201	Hanford Sitewide Services	341,789	TBD
RL-0201	22-D-401 – L-888, Eastern Plateau Fire Station	7,000	TBD
RL-0201	22-D-402 – 200 Area Water Treatment Facility	11,200	TBD
RL-0201	23-D-404, 181D Export Water System Reconfiguration	27,149	TBD
RL-0201	23-D-404, 181B Export Water System Reconfiguration	462	TBD
Central Plateau Remediation		**731,100**	**TBD**
RL-0040	Nuclear Facility D&D – Remainder of Hanford	49,000	TBD
RL-0041	Nuclear Facility D&D – River Corridor Closure Project	131,000	TBD
River Corridor and Other Cleanup Operations		**180,000**	**TBD**
RL-0020	Safeguards and Securities	100,666	TBD
RL-0042	Nuclear Facility D&D – Fast Flux Test Facility	3,200	TBD
RL-0100	Richland Community and Regulatory Support	10,100	TBD
Total	**Richland Operations Office Funding Summary**	**1,025,066**	**TBD**

D&D = deactivation and decommissioning
WESF = Waste Encapsulation and Storage Facility

Direct-Feed Low-Activity Waste Operations



Facilities Supporting the Direct-Feed Low-Activity Waste Program

AP Tank Farm (top left)

Low-Activity Waste Facility

Integrated Disposal Facility

Tank-Side Cesium Removal System

Effluent Management Facility

222-S Laboratory

Liquid Effluent Retention Facility / Effluent Treatment Facility

Analytical Laboratory

Tank Farms

The Tank Farms
200 Area Aerial Overview
200 West Area
200 East Area
SX
S
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SY
TY
BX
BY
B
AX
C
A
AY
AW
AZ
AN
AP
Integrated Disposal Facility
Tank-Side Cesium Removal
High-Level Waste Facility
Pretreatment Facility
Effluent Treatment Facility / Liquid Effluent Retention Facility
Waste Treatment and Immobilization Plant
Effluent Management Facility
Low-Activity Waste Facility
Analytical Laboratory
Balance of Facilities
(approximately 14 support buildings)
Single-shell tank farm
Double-shell tank farm
June 2020

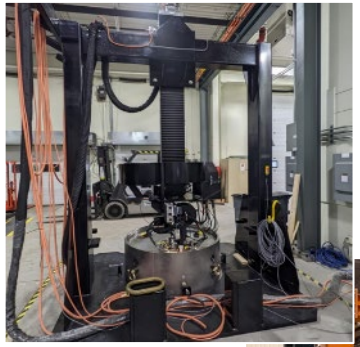
High-Level Waste Facility

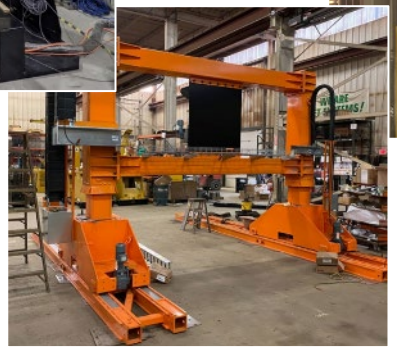
Risk Reduction

324 Building hot cell floor removal (mock-up testing)

324 Building structural modifications

Groundwater treatment and monitoring





Waste Encapsulation and Storage Facility automatic welding system and gantry

Waste Encapsulation and Storage Facility: G-Cell mock-up at the Maintenance and Storage Facility

200 West Pump and Treat Facility

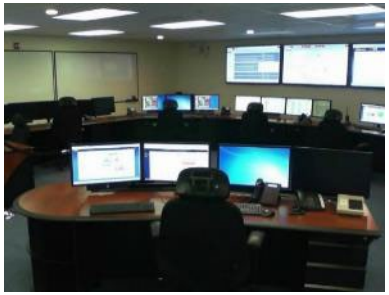
Infrastructure

Public safety

Long-term stewardship and environmental monitoring

Fleet services

Safeguards and security



Industrial and cybersecurity

Roads

Sewer system

Telecommunications

Power

Get Involved!

For more information, visit **www.hanford.gov**

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Hanford Virtual Tour: https://vtours.hanford.gov/

Fiscal Year 2026 Priorities Input

A 30-day comment period will run from March 6 to April 5, 2024. Submit comments via mail or electronically (preferred) to:

U.S. Department of Energy
Attn: Jennifer Colborn
P.O. Box 450 H5-20
Richland, WA 99352

CleanupPriorities@rl.gov

Agenda

Fiscal Year 2026 Hanford Site Cleanup Priorities Public Briefing

March 6, 2024, 5:30 p.m. PT | Richland Public Library, Gallery Room

Purpose: The U. S. Department of Energy (DOE) will provide an overview of Hanford's current projects, followed by regulatory agencies – U.S. Environmental Protection Agency and Washington State Department of Ecology – sharing their perspectives.

5:30 – 5:35 P.M.	**Welcome**	Dana Cowley – Hanford Mission Integration Solutions
5:35 – 6:00 P.M.	**Overview of Hanford Projects and Priorities**	Greg Jones – DOE, Business and Finance Paul Schroder – DOE, Tank Farms Mat Irwin – DOE, Waste Treatment Plant Heather Dale – DOE, River and Plateau Brian Harkins – DOE, Mission Support
6:00 – 6:10 P.M.	**Regulatory Perspective**	Stephanie Schleif – Washington State Department of Ecology David Einan – U.S. Environmental Protection Agency
6:10 – 6:30 P.M.	**Q&A Session**	Public
	Adjourn	

From: Washington Department of Ecology <waecy@public.govdelivery.com>
Sent: Monday, January 29, 2024 6:59 AM
To: Brasher, Stephanie L <stephanie_l_brasher@rl.gov>
Subject: [EXTERNAL]Upcoming Hybrid Public Briefing on Hanford's Cleanup Priorities | Próxima sesión informativa pública híbrida sobre las prioridades de limpieza de Hanford

THE HANFORD SITE

This is a message from the Tri-Party Agreement agencies

Hanford Cleanup Priorities Hybrid Public Briefing and Comment Period

March 6, 2024, 5:30 p.m. PT

The U.S. Department of Energy (DOE) invites you to a hybrid (both physical and virtual attendance options) public briefing on Hanford Site cleanup priorities. DOE will provide an overview of Hanford's current projects, followed by regulatory agencies the U.S. Environmental Protection Agency and Washington State Department of Ecology providing their perspectives.

A Q&A session will follow the briefing. The agencies will listen and consider the values and priorities expressed by the public. All public comments must be submitted in writing.

The briefing will be held March 6 at 5:30 p.m. PT in the Gallery Room of the Richland Public Library, 955 Northgate Drive, Richland, WA 99352. You may participate virtually using Microsoft Teams by following these instructions:

Join on your computer, mobile app or room device
Click here to join the meeting
ID: 296 297 103 999
Passcode: H2xLy3
Download Teams | Join on the web

Join with a video conferencing device
197920091@teams.bjn.vc
Video Conference ID: 111 078 234 4

Or call in (audio only)
(509) 931-1284 United States
(833) 633-0875 United States (Toll-free)
Phone Conference ID: 594 776 692#

A 30-day public comment period will run from March 6 to April 5. For more information, please visit the Hanford events calendar.

Questions? Contact DOE's Jennifer Colborn at (509) 376-5840 or Jennifer.Colborn@rl.doe.gov.

To request a disability accommodation, please contact Jennifer Colborn (509) 376-5840 or Jennifer.Colborn@rl.doe.gov at least 10 working days prior to the event. DOE makes every effort to honor disability accommodation requests.

Este es un mensaje de las Agencias del Acuerdo Tripartito

Reunión informativa pública de carácter híbrido prioridades de limpieza de Hanford

6 de marzo de 2024, 5:30 p.m., hora del Pacífico

El Departamento de Energía (DOE, por sus siglas en inglés) de los EE. UU. le invita a asistir a una reunión informativa pública de carácter híbrido (es decir, con opción de asistir presencial o virtualmente) sobre las prioridades de limpieza de Hanford Site. El DOE ofrecerá una descripción general de los proyectos en curso de Hanford, y luego tomarán la palabra las agencias reguladoras, la Agencia de Protección Ambiental de los EE. UU. y el Departamento de Ecología del Estado de Washington, para brindar sus perspectivas.

Una vez concluida la reunión informativa, se llevará a cabo una sesión de preguntas y respuestas. Las agencias escucharán y considerarán los valores y prioridades expresados por el público y los interesados. Todos los comentarios públicos deberán presentarse por escrito.

La reunión informativa presencial se realizará el 6 de marzo a las 5:30 p.m., hora del Pacífico, en el Salón Gallera de la Biblioteca Pública Richland, 955 Northgate Drive, Richland, WA 99352. También podrá participar en forma virtual mediante Microsoft Teams siguiendo estas instrucciones:

Únase utilizando su computadora, aplicación móvil o dispositivo de sala
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O haga una llamada (audio únicamente)
(509) 931-1284 Estados Unidos
(833) 633-0875 Estados Unidos (Sin cargo)
ID de conferencia telefónica: 594 776 692#

Habrá un período de comentarios públicos de 30 días que se extenderá del 6 de marzo al 5 de abril. Para obtener más información, visite el calendario de eventos.

¿Tiene preguntas? Póngase en contacto con Jennifer Colborn del DOE llamando al (509) 376-5840 o en Jennifer.Colborn@rl.doe.gov.

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From: Washington Department of Ecology <waecy@public.govdelivery.com>
Sent: Wednesday, March 6, 2024 10:00 AM
To: Brasher, Stephanie L <stephanie_l_brasher@rl.gov>
Subject: [EXTERNAL]Upcoming Hybrid Public Briefing on Hanford's Cleanup Priorities | Próxima sesión informativa pública híbrida sobre las prioridades de limpieza de Hanford

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A 30-day public comment period will run from March 6 to April 5. For more information, including the meeting presentation, please visit the Hanford events calendar. A recording of the public meeting will be added there in the days to follow.

Please submit any feedback by April 5 to CleanupPriorities@rl.gov (preferred) or by mail to:
Attn: Jennifer Colborn
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P.O. Box 450, H5-20
Richland, WA 99352

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Envíe cualquier comentario antes del 5 de abril a CleanupPriorities@rl.gov (preferido) o por correo a:

A la atención de: Jennifer Colborn
U.S. Department of Energy
P.O. Box 450, H5-20
Richland, WA 99352

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