Brasher, Stephanie L

From: ^TPA <00000002c4a38786-dmarc-request@LISTSERV.ECOLOGY.WA.GOV>
Sent: Tuesday, June 16, 2020 5:20 PM
To: HANFORD-INFO@LISTSERV.ECOLOGY.WA.GOV
Subject: Reminder! Virtual public meeting on Hanford's Budget Priorities tomorrow at 3:00 p.m.
Attachments: Hanford FY22 Priorities - public briefing FINAL.pdf; Agenda_Budget Priorities Public Meeting_FINAL.pdf

THE HANFORD SITE

This is a message from the Tri-Party Agreement agencies

Virtual Public Meeting and Public Comment Period on Hanford Cleanup Budget Priorities

June 17, 2020, 3 p.m.

The U.S. Department of Energy (DOE), along with regulatory agencies the U.S. Environmental Protection Agency and Washington State Department of Ecology (Tri-Party Agreement agencies), invite you to a virtual public meeting on fiscal year 2022 Hanford Site cleanup budget priorities. Please see attached the agenda and presentation for the meeting.

DOE will provide an overview of Hanford's current projects and the regulatory agencies will provide their perspectives. A question-and-answer session will follow the briefing. Public comments, either at the meeting or submitted later, must be in writing.

The virtual public meeting will be held June 17 at 3 p.m. You can view the presentation, hear the speakers and ask your questions. To participate via GoToWebinar, please follow the instructions below:

Visual (presentation only):
Click the GoToWebinar link: https://attendee.gotowebinar.com/register/4604006336724399884;
ID #: 736-391-531

Audio:
1. Dial +1 509-372-3087 (local) or +1 800-664-0771 (long distance)
2. Enter Conference ID: 1333#

A 30-day public comment period will run from June 15 to July 15, 2020. Please submit written comments no later than July 15 to BudgetPriorities@rl.gov (electronically preferred) or by mail to:

U.S. Department of Energy
Attn: Yvonne Levardi
P.O. Box 450, H6-60
Richland, WA 99352

If you have questions, contact DOE's Yvonne Levardi at yvonne.levardi@rl.doe.gov.

Please contact Yvonne Levardi at least 10 working days prior to the event to request disability accommodation.

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Budget Priorities Virtual Public Meeting

June 17, 2020 at 3 p.m. PT

AGENDA

Meeting Purpose: The U.S. Department of Energy (DOE) will provide an overview of Hanford's current projects and receive the public's priorities on the fiscal year 2022 budget request. The regulatory agencies, U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology), will provide their perspectives.

3:00 – 3:05 p.m.	Welcome and Overview	Sharon Braswell, NorthWind
3:05 – 3:35 p.m.	Overview of Hanford Projects and Budget Priorities	Bill Hamel, DOE-RL Rob Hastings, DOE-ORP Tom Fletcher, DOE-ORP
3:35 – 3:45 p.m.	Regulatory Perspective	Craig Cameron, EPA John Price, Ecology
3:45 – 4:00 p.m.	Question and Answer Session	
4:00 p.m.	Adjourn	Sharon Braswell, NorthWind

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Tri-Party Agreement
U.S. Department of Energy
Washington State Department of Ecology
U.S. Environmental Protection Agency

THE HANFORD SITE

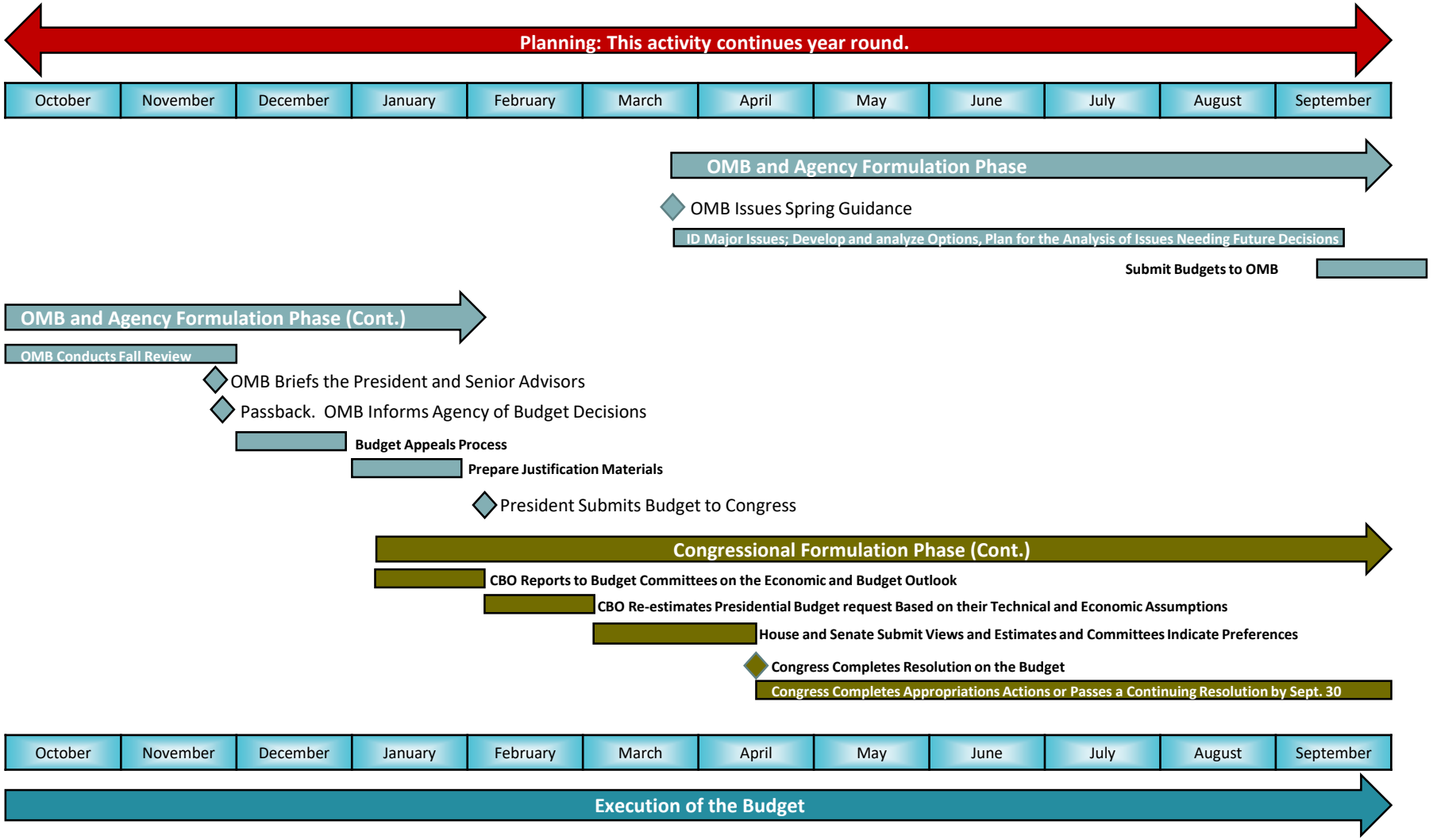
Budget Overview for Fiscal Year 2021
Fiscal Year 2022 Budget Public Priorities

June 17, 2020

Agenda

- DOE fiscal year 2021 President's Budget Request and planned work
  - Richland Operations Office (RL)
  - Office of River Protection (ORP)
  - Questions and answers
- Public questions on FY 2022 priorities

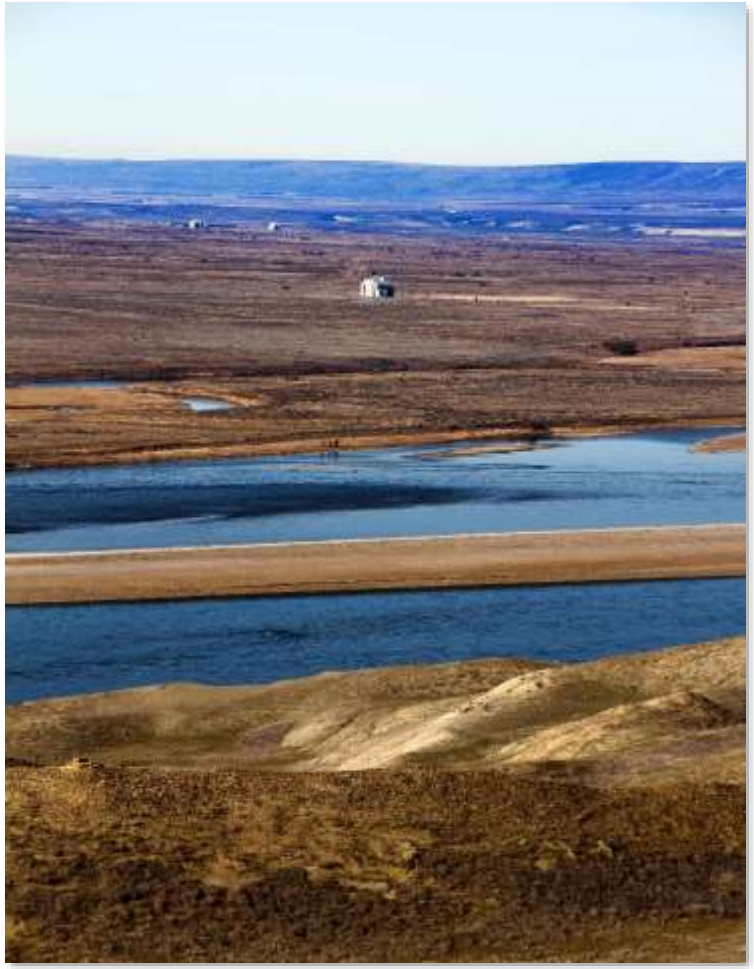
Budget and Planning Timeline



*During OMB's Agency Formulation Phase, Budget Allocations are Embargoed and NOT Releasable Outside of the Administration

DOE – Hanford Top Priorities

- Minimum-safe operations
- Direct-Feed Low-Activity Waste (DFLAW)
- Aging facility risk mitigation
- Critical infrastructure
- Double-shell tank space management
- Single-shell tank retrievals
- River Corridor clean-up
- Waste disposition, Cesium/Strontium dry storage
- Groundwater pump-and-treat actions
- Central Plateau clean-up
- Tank farm closure



A cocooned reactor near the Columbia River

RL FY21 President's Request

Richland ($655M)

- Provide minimum safe and essential services
- Provide critical infrastructure for Direct-Feed Low-Activity Waste: Integrated Disposal Facility
- Conduct aging facility maintenance/risk mitigation
- Perform groundwater pump and treat operations focused along the Columbia River
- Provide site-wide services
- Secure assets through Cybersecurity to facilitate the mission

RL Budget Profile

($ in Thousands)

PBS	PBS Title	FY2020 Request	FY 2020 Enacted	FY 2021 Request
RL-0011	Nuclear Material Stabilization and Disposition – PFP	0	0	0
RL-0012	Spent Nuclear Fuel Stabilization and Disposition	0	0	0
RL-0013C	Solid Waste Stabilization and Disposition	110,798	176,855	138,900
RL-0030	Soil and Water Remediation – Groundwater / Vadose Zone	106,600	138,995	56,100
RL-0201	Hanford Sitewide Services	255,551	338,950	303,335
Central Plateau Remediation		**472,949**	**654,800**	**498,335**
RL-0040	Nuclear Facility D&D – Reminder of Hanford	34,750	102,427	24,949
RL-0041	Nuclear Facility D&D – River Corridor Closure Project	105,000	133,675	30,000
River Corridor and Other Cleanup Operations		**139,750**	**236,102**	**54,949**
RL-0013C	18-D-404 WESF Modifications and Capsule Storage	11,000	11,000	0
RL-0020	Safeguards and Security	86,778	86,778	96,300
RL-0042	Nuclear Facility D&D – Fast Flux Test Facility	2,500	2,500	2,500
RL-0100	Richland Community and Regulatory Support	5,121	10,121	2,500
Total	**Richland Operations Office Funding Summary**	**718,098**	**1,001,301**	**654,584**

D&D = deactivation and decommissioning
FY = fiscal year
PBS = project baseline summary
PFP = Plutonium Finishing Plant
WESF = Waste Encapsulation and Storage Facility

RL TPA Milestones 2021 Status

PBS	Milestone Number	Title	Due Date	Status
RL-0030	M-015-112	Submit Draft B 200-IS-1 RFI/CMS/RI/FS Work Plan to Ecology with Schedule Dates	11/30/2020	At Risk
RL-0030	M-024-71	Complete the Construction of All Wells Listed for CY20 and Before	12/31/2020	On Schedule
RL-0040	M-016-250F	Submit to ECY a 3-Year Rolling Prioritized Schedule to Implement Waste Site Removal Actions	3/31/2021	On Schedule
RL-0013	M-026-01AE	Submit Hanford Land Disposal Restrictions Summary Report (for 2020)	4/30/2021	On Schedule
RL-0030	M-024-58N	Initiate Discussions of Well Commitments	6/1/2021	On Schedule
RL-0013	M-091-03O	Submit Revision of TRUM Waste and MLLW PMP to Ecology	6/30/2021	On Schedule
RL-0030	M-024-72-T01	Conclude Discussions of Well Commitments Initiated Under M-024-58	8/1/2021	On Schedule
RL-0041	M-016-85A	Complete Remote Excavation of 300-296 Waste Site	9/30/2021	At Risk
RL-0041	M-016-86	Complete Remedial Actions for 618-11 Burial Ground in accordance with DOE/RL-2014-13-ADD1	9/30/2021	At Risk
RL-0030	M-085-90	Submit Remedial Investigation/Feasibility Study Work Plan for 200-CR-1 to EPA	9/30/2021	At Risk

* On March 24, 2020, the Hanford Site moved to an essential mission-critical operations posture in recognition of increasing COVID-19 concerns. While the majority of the Hanford Site workforce continues to telework, there are a limited number of workers reporting to the site to perform activities necessary to maintain the Site in a safe condition, continuing to protect the community, region, and the environment. DOE and its contractors are engaged in ongoing analysis of work schedule impacts. DOE is continuing to evaluate the information and COVID-19 potential impacts on the Tri Party Agreement (TPA) and, if other actions may be necessary.

Minimum Safe Operations

- Protection of Special Nuclear Materials
- Long-Term Stewardship
- Environmental Monitoring
- Safeguards & Security
- Public Safety
- Industrial & Cyber Security

Long-Term Stewardship / Environmental Monitoring

Public Safety

Public Safety

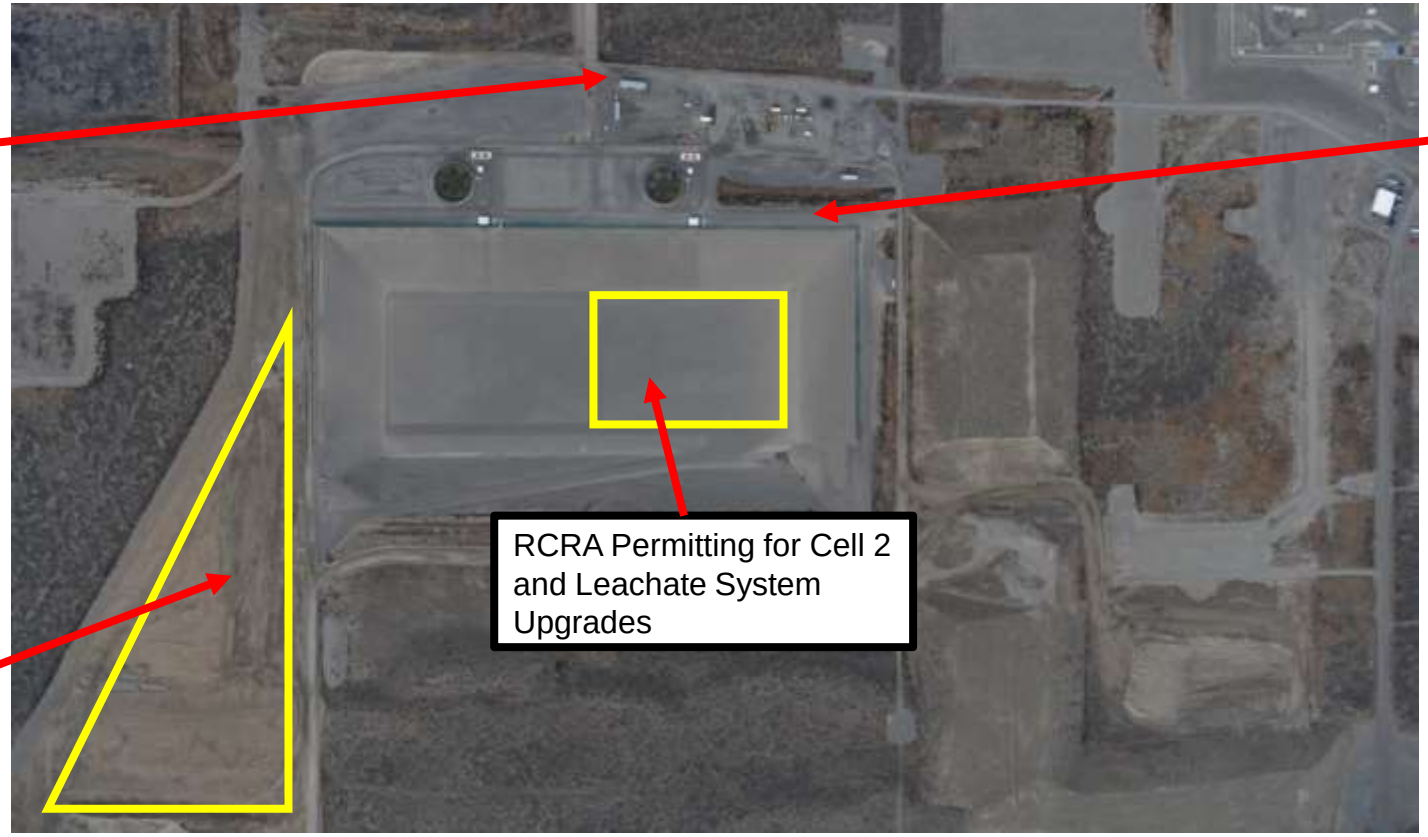
Safeguards and Security

Industrial & Cyber Security

Integrated Disposal Facility

IDF Administrative Support Offices

Completion of IDF Operations Footprint Graveling/Leveling



IDF Operational Footprint (March 202)

IDF Upgraded Leachate Collection System Piping and Covers (Photo of ERDF Covers with IDF receiving a similar upgrade)

Aging Facility Risk Mitigation

231Z Plutonium Metallurgy Laboratory

224T, Transuranic Storage and Assay Facility

276C Solvent Handling Building

Infrastructure

- Telecommunications
- Power
- Water
- Sewer
- Roads

Roads

Telecommunications

Fleet Services

Sewer System

Power

300-296 Waste Site Remediation 324 Building

Moving the 1st B-Cell REA into the 324 Bldg. airlock

REA in B-Cell North

Removing grout from cell floor in the mock-up

Drilling foundation supports outside of building

Before and Current pictures of debris in the B-Hot Cell

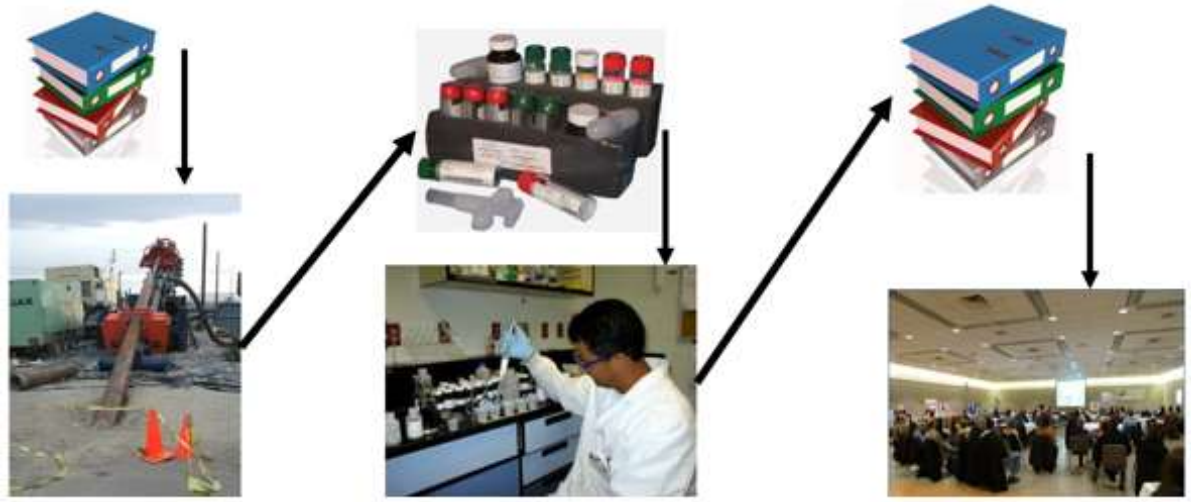
Groundwater Operations, Well Decommissioning and Implementation of RODs

- Treat 2.6 billion gallons
- Obtain final Record of Decision (RODs)

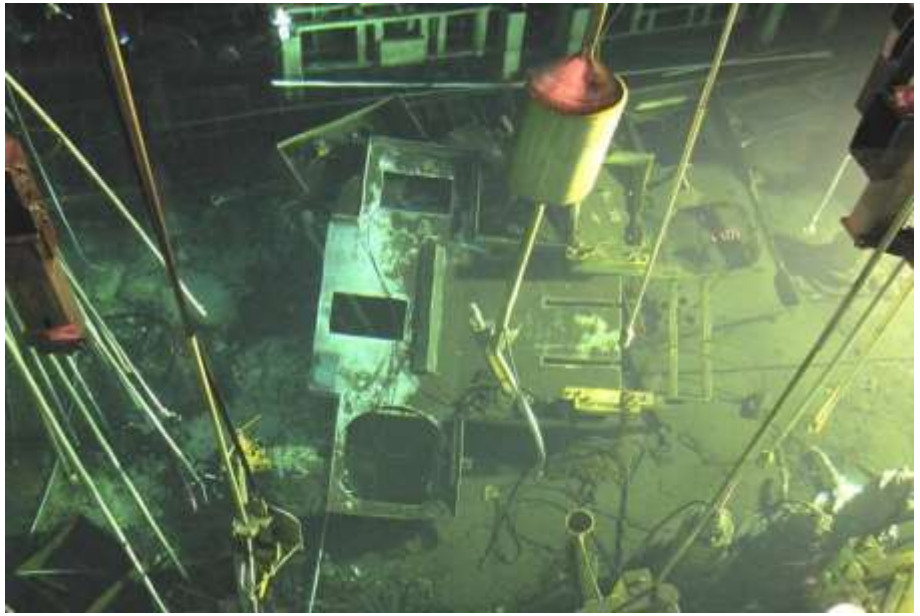
Soil Sampling

Chlorine Disinfection System

200 West Pump-and-Treat Facility



105KW Fuel Storage Basin Cleanup



Gamma camera being used to characterize debris in the basin

Excess equipment in Basin staged for removal during Basin deactivation

Mockup of garnet filter media removal system at MASF

100 K Remediation and Reactor Interim Safe Storage

100K Waste Site Remediation

Aerial view showing proximity of 100K Area to the Columbia River

Artist rendition of the reactor Safe Secure Enclosure

Cesium/Strontium Capsules to Dry Storage

Cesium/Strontium Capsules stored at WESF

Preparing WESF for Capsule Transfer Operations

ORP FY21 President's Request

Office of River Protection ($1,258M)

- Provide minimum safe and essential services
- Continue construction, startup and commissioning activities related to DFLAW and its facilities
- Supports Effluent Treatment Facility operations and upgrades to support DFLAW
- Supports 222-S Laboratory operations and upgrades to support tank farms and DFLAW waste samples
- Complete construction and initiate tank-side cesium removal operations using prior year funds
- Complete modifications to AP Double-Shell Tank Farm to provide feed to the tank-side cesium removal system using prior year funds
- Continue progress toward important cleanup activities required by the Amended Consent Decree and Tri-Party Agreement
- Perform facility preservation activities for High-Level Waste/Pretreatment facility using prior year funds

ORP Budget Profile

($ in Thousands)

PBS	PBS Title	FY 2020 Request	FY 2020 Enacted	FY 2021 Request
ORP-0014	Radioactive Liquid Tank Waste Stabilization and Disposition	677,460	775,000	597,757
ORP-0014	15-D-409, Low-Activity Waste Pretreatment System	0	0	0
ORP-0014A	LLW Offsite Disposal	10,000	10,000	0
Tank Farms		**687,460**	**785,000**	**597,757**
ORP-0060	LBL/Direct-Feed LAW	640,000	776,000	609,924
ORP-0060	High-Level Waste Facility	30,000	25,000	0
ORP-0060	Pretreatment Facility	20,000	15,000	0
Waste Treatment and Immobilization Plant (WTP)		**690,000**	**816,000**	**609,924**
ORP-0070	WTP Commissioning	15,000	15,000	50,000
Total	**Office of River Protection Funding Summary**	**1,392,460**	**1,616,000**	**1,257,681**

FY = fiscal year
PBS = project baseline summary
LAW = low-activity waste
LBL = Low-Activity Waste (LAW) Facility, Balance of Facilities (BOF), and Analytical Laboratory (LAB)
LLW = low-level waste

ORP TPA & Consent Decree Milestones 2021 Status

PBS	Milestone Number	Title	Due Date	Status
ORP-0014	M-062-40H	Submit System Plan to Ecology	10/31/2020	On Schedule
ORP-0060	D-00A-07	LAW Facility Construction Substantially Complete	12/31/2020	On Schedule
ORP-0014	M-062-50	Submit to Ecology as a Secondary Document, a Mass Balance Flow	1/30/2021	On Schedule
ORP-0014	M-090-14	Submit CD-1 for Facility to Store Spent Ion Exchange Columns Prior to DFLAW	3/31/2021	On Schedule
ORP-0014	M-062-45-A	Complete Negotiations 6-Months After Last Issuance of System Plan	4/30/2021	On Schedule
ORP-0014	M-062-33-T01	Complete Construction of Supplemental Treatment Vitrification Facility and/or WTP Enhancements	4/20/2021	In Dispute
ORP-0014	D-16B-03	Of the 12 SSTs Referred to in B-1 and B-2, Complete Retrieval of Tank Wastes in at Least 5	6/30/2021	On Schedule
ORP-0014	M-045-91E4	Provide SST Farms Dome Deflection Surveys Every 2 Years to Ecology	9/30/2021	On Schedule
ORP-0014	M-045-97	Submit to Ecology a WMA Integration Study for WMA A/AX as a Primary Document	9/30/2021	On Schedule

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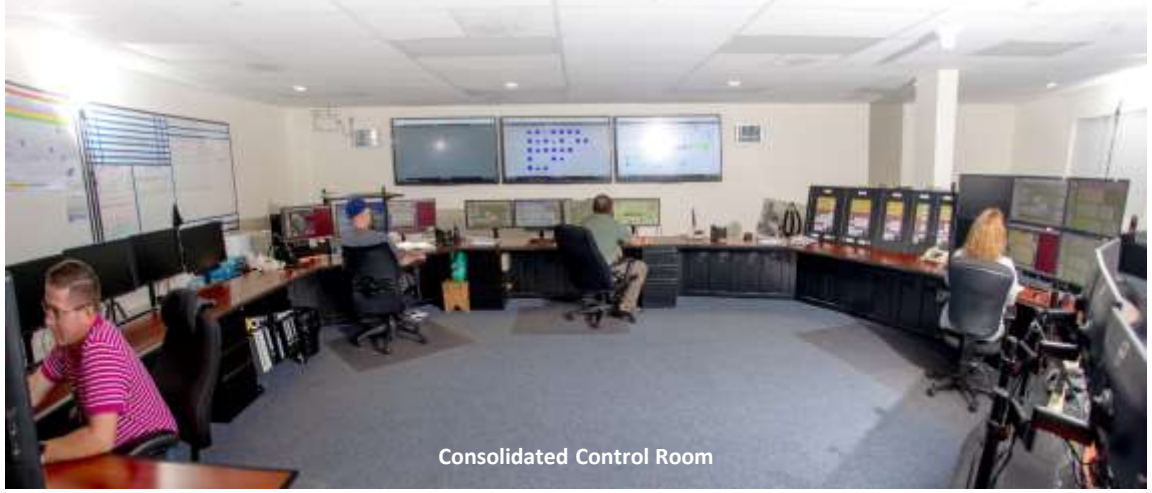
Tank Farm Safe Operations

- Maintain Tank Farms in a safe manner
- Protect the workers, public and the environment
- Continue tank monitoring and tank integrity activities



Maintenance and Infrastructure

- 242-A Evaporator facility repairs
- 222-S Laboratory upgrades
- Replacement of basin covers at the Liquid Effluent Retention Facility (LERF)

Old and new caustic tanks

Basin Cover

222-S exhaust ducting upgrade

ETF chiller upgrade

310-311 transfer line upgrade

242-A PB-1 pump replacement

TSCR System

Excavation for TSCR pad

TSCR pad construction at AP Farm

Waste transfer lines

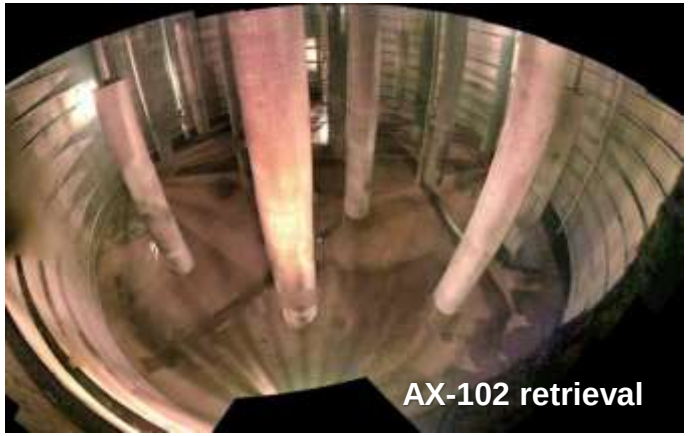
Direct-Feed Low-Activity Waste Overview

Single-Shell Tank Retrievals/Closure

SX barrier

AX Farm retrieval prep

AX Farm control trailer


AX-102 retrieval

Direct-Feed Low-Activity Waste Overview

WTP Pretreatment/High-Level Waste Facilities

DOE – Hanford Top Priorities

- Minimum-safe operations
- Direct-Feed Low-Activity Waste
- Aging facility risk mitigation
- Critical infrastructure
- Double-shell tank space management
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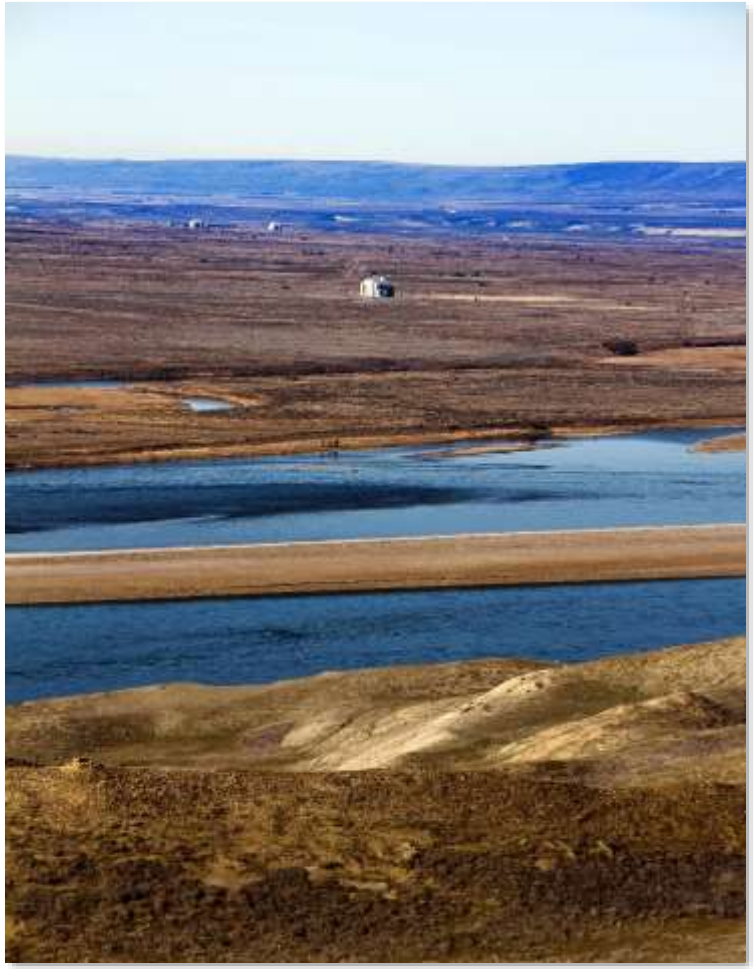
- Tank farm closure



A cocooned reactor near the Columbia River

Next Steps – FY22 Priorities Input

- 30-day public comment period: June 15 – July 15
- Comments written, mailed, or emailed:
  - BudgetPriorities@rl.gov
  - U.S. Department of Energy
    ATTN: Yvonne Levardi
    P.O. Box 450 H6-60
    Richland, WA 99352
- Comments sent to DOE-EM w/Hanford's FY 2022 Compliance Request
- Submittal reviewed by:
  - DOE-EM
  - DOE Chief Financial Officer
- DOE submits FY 2022 budget request to Office of Management & Budgets