



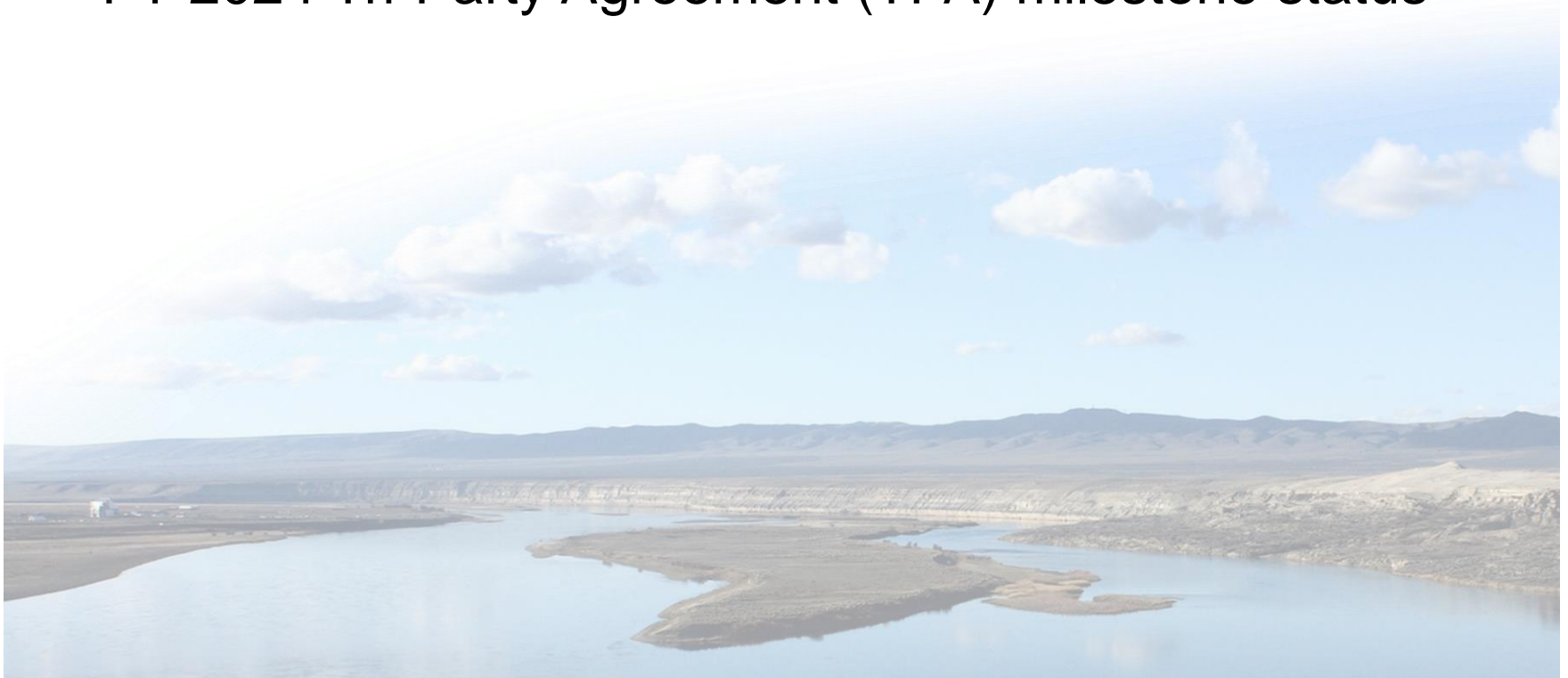
THE HANFORD SITE

Budget Overview for Fiscal Year 2024 Regulator Briefing

Tri-Party Agreement Paragraph 149.D

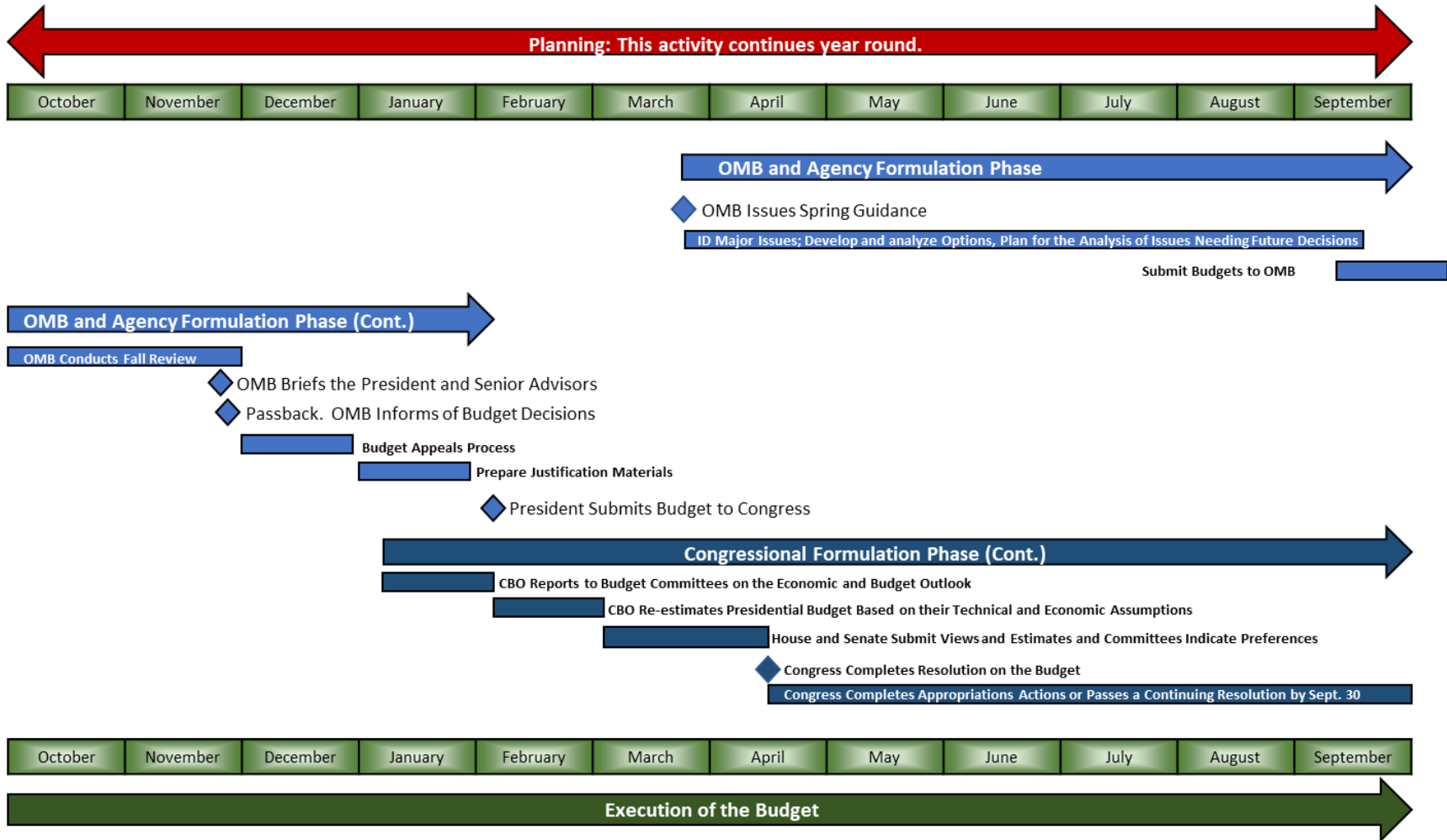
April 20, 2023

- DOE fiscal year (FY) 2024 president's budget request
- FY 2024 Tri-Party Agreement (TPA) milestone status



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

Budget Timeline



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

Office of River Protection Budget Profile

PBS	PBS Title	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Request
ORP-0014	Radioactive Liquid Tank Waste Stabilization and Disposition	837,642	851,100	813,625
ORP-0014	23-D-403: Hanford 200 West Area Tank Farms Risk Management Project	0	4,408	15,309
ORP-0014	15-D-409: Low Activity Waste Pretreatment System,	0	0	60,000
ORP-0014A	LLW Offsite Disposal	7,000	0	0
Tank Farms		844,642	855,508	888,934
ORP-0060	LBL / Direct-Feed LAW	586,000	412,700	0
ORP-0060	High-Level Waste Facility	144,358	392,200	600,000
ORP-0060	Pretreatment Facility	20,000	20,000	20,000
Waste Treatment and Immobilization Plant (WTP)		750,358	824,900	620,000
ORP-0070	WTP Commissioning	50,000	50,000	466,000
Total	Office of River Protection Funding Summary	1,645,000	1,730,408	1,974,934

FY = fiscal year

PBS = project baseline summary

LAW = low-activity waste

LBL = Low-Activity Waste Facility, Balance of Facilities, and Analytical Laboratory

LLW = low-level waste

Office of River Protection TPA Enforceable Milestones FY 2024 Status

PBS Risk	Milestone Number	Title	Due Date	Status
ORP-0014	M-045-92	Complete Installation of 4 Additional Interim Barriers	10/31/2023	On Schedule
ORP-0014	M-045-92AB	Complete Construction of Barrier 4 in 241-U Farm	10/31/2023	On Schedule
ORP-0014	M-045-92AG	Submit Yearly Reports Summarizing the Results of Maintenance and Performance Monitoring Activities	10/31/2023	On Schedule
ORP-0014	M-062-40J	Submit System Plan to Ecology	12/31/2023	On Schedule
ORP-0014	M-062-56	Submit Permit Application for Design and Construction of the Low Activity Waste Pretreatment Capability	12/31/2023	On Schedule
ORP-0014	M-045-86M	Submit Retrieval Data Report (RDR) for Tank AX-103 to Ecology	01/17/2024	On Schedule
ORP-0014	M-062-01AV	Submit Semi-Annual Project Compliance Report to Ecology	01/31/2024	On Schedule
ORP-0014	M-045-56T	Ecology and DOE Agree, at a Minimum, to Meet Yearly (by July 2024)	7/31/2024	On Schedule
ORP-0014	M-062-01AW	Submit Semi-Annual Project Compliance Report to Ecology	7/31/2024	On Schedule
ORP-0014	M-062-21A	Annually Submit Data Which Demonstrates Operation of WTP at a Rate Sufficient to Meet M-062-00	8/31/2024	At Risk

Discussions regarding these HFFACO milestones have been ongoing in mediated, confidential holistic negotiations between DOE, the state of Washington, and the U.S. Environmental Protection Agency.

Office of River Protection (\$1,975 million)

- Direct-Feed Low-Activity Waste (DFLAW) Program
 - Initiate LAW Facility cold commissioning with simulated tank waste
 - Progress Environmental Performance Demonstration Test
 - Continue Tank-Side Cesium Removal System operations
 - Continue design of the Advanced Modular Pretreatment System
- High-Level Waste Facility
 - Progress design on process and utility systems
 - Progress procurements to support design completion and support construction
 - Progress construction activities to support the building closure

Office of River Protection (\$1,975 million) (cont.)

- Tank Farms
 - Continue tank integrity program activities
 - Complete retrievals from AX Farm
 - Initiate retrievals from A Farm
 - Complete construction on U Farm surface barrier
 - Complete final design for 200 West Area Risk Management Project and begin long-lead procurements

Richland Operations Office Budget Profile

PBS	PBS Title	FY 2022 Enacted	FY 2023 Enacted	FY 2024 President's Request
RL-0011	Nuclear Material Stabilization and Disposition – PFP	16,500	0	0
RL-0013C	Solid Waste Stabilization and Disposition	172,783	183,600	204,200
RL-0030	Soil and Water Remediation – Groundwater / Vadose Zone	131,308	152,700	138,300
RL-0201	Hanford Sitewide Services	330,335	358,771	341,789
Central Plateau Remediation		650,926	695,071	684,289
RL-0040	Nuclear Facility D&D – Remainder of Hanford	89,413	107,606	49,000
RL-0041	Nuclear Facility D&D – River Corridor Closure Project	165,066	171,479	131,000
River Corridor and Other Cleanup Operations		254,479	279,085	180,000
RL-0013C	18-D-404: WESF Modifications and Capsule Storage	8,000	3,100	0
RL-0013C	24-D-401: Environmental Restoration Disposal Facility Supercell 11 Expansion Project	0	0	1,000
RL-0201	22-D-401: Eastern Plateau Fire Station	15,200	3,100	7,000
RL-0201	22-D-402: 200 Area Water Treatment Facility	12,800	8,900	11,200
RL-0201	23-D-404: 181D Export Water System Reconfiguration and Upgrade	0	6,770	27,149
RL-0201	23-D-405: 181B Export Water System Reconfiguration and Upgrade	0	480	462
RL-0020	Safeguards and Security	99,300	103,950	100,666
RL-0042	Nuclear Facility D&D – Fast Flux Test Facility	3,100	3,200	3,200
RL-0100	Richland Community and Regulatory Support	8,621	10,013	10,100
Total	Richland Operations Office Funding Summary	1,052,426	1,113,669	1,025,066

Richland Operations Office TPA Enforceable Milestones FY 2024 Status

PBS	Milestone Number	Title	Due Date	Status
RL-0013C	M-026-01AG	Submit Hanford Land Disposal Restrictions Summary Report for calendar year (CY) 2022	10/31/2023	On Schedule
RL-0013C	M-091-53C	Remove 10 Additional Mixed Waste Containers from Outside Storage Area A and/or Outside Storage Area B	11/30/2023	On Schedule
RL-0041	M-016-186	Initiate Soil Remediation Under 105-KW Fuel Storage Basin	12/31/2023	At Risk
RL-0030	M-024-74	Complete the Construction of All Wells Listed for CY2023 and Before	12/31/2023	On Schedule
RL-0201	M-035-09N	Conduct Biennial Assessments of Information and Data Access Needs	3/31/2024	On Schedule
RL-0013C	M-026-01AH	Submit Hanford Land Disposal Restrictions Summary Report (for CY2023)	4/30/2024	On Schedule
RL-0030	M-024-58Q	Initiate Discussions of Well Commitments	6/1/2024	On Schedule
RL-0030	M-015-118	Submit Draft CCF with New Dates for Milestones M-015-92B/M-015-92C / M-015-93B/M-015-93C/M-015-110B	6/30/2024	On Schedule
RL-0030	M-015-119	Submit Draft change control form (CCF) with New Dates for Milestones M-015-38B/M-015-84/M-015-91B/M-015-98/M-015-99	6/30/2024	On Schedule
RL-0030	M-015-120	Submit Draft CCF Proposing Milestones for Central Plateau Cleanup for Period FY 2025-2027	6/30/2024	On Schedule
RL-0030	M-015-92D	Submit RFI/CMS and RI/FS WP for 200-EA-1 OU, with Limited Schedule Information	6/30/2024	On Schedule
RL-0040	M-016-200	Submit Draft CCF with New Dates for Milestones M-016-200A and M-016-200B	6/30/2024	On Schedule
RL-0030	M-016-87A	Submit Annual Evaluation of Results of Enhanced Groundwater Monitoring Near the 618-11 Burial Ground	6/30/2024	On Schedule
RL-0030	M-085-71	Submit Draft CCF with New Date for Milestone M-085-70	6/30/2024	On Schedule

Richland Operations Office TPA Enforceable Milestones FY 2024 Status (cont.)

PBS	Milestone Number	Title	Due Date	Status
RL-0013C	M-091-03R	Submit Revision of TRUM Waste and MLLW Project Management Plan to Ecology	6/30/2024	On Schedule
RL-0030	M-015-91D	Submit Draft CCF to Establish Schedule for Activities in the 200-WA-1/200-BC-1 OUs RI/FS WP	09/30/2024	In Abeyance
RL-0030	M-015-92E	Submit Draft CCF to Establish Schedule for Activities in the 200-EA-1 OU RFI/CMS/RI/FS Work Plan	09/30/2024	On Schedule
RL-0041	M-016-00C	Complete All Response Actions in the 100 K Area	09/30/2024	At Risk
RL-0041	M-016-143	Complete the Interim Response Actions for the 100K Area Phase 2	09/30/2024	At Risk
RL-0040	M-016-200A	Complete U Plant Canyon (221 U Facility) Demolition	09/30/2024	In Abeyance
RL-0040	M-016-202	Complete Response Actions for 10 Waste Sites and Sampling for Additional 5 Waste Sites in Outer Area	09/30/2024	On Schedule
RL-0041	M-016-92C	Complete ERDF Supercell 11 Design and Submit to EPA for Approval	09/30/2024	On Schedule
RL-0040	M-085-72A	Complete Demolition Preparations for the 224B Plutonium Concentration Facility (DOE/RL-2017-33)	09/30/2024	On Schedule
RL-0040	M-085-84C	Complete Infrastructure Upgrades to Support Demolition Preparation of the PUREX Complex	09/30/2024	On Schedule
RL-0040	M-085-85	Complete 202A PUREX Canyon Cold and Dark Indices to Establish Electrical/Mechanical Isolation	09/30/2024	On Schedule
RL-0013C	M-091-55	Submit a 30% Conceptual Design Report for the Facility/Capability for CH Waste Containers	09/30/2024	At Risk
RL-0013C	M-091-58	Submit Engineering Study of the Impacts of Radiological Decay of All RH MLLW and RH TRUM Waste	09/30/2024	On Schedule
RL-0041	M-093-27	Complete 105-KE & 105-KW Reactor ISS in Accordance with Removal Action Work Plan	09/30/2024	At Risk

Richland Operations Office FY 2024 Planned Work

Richland Operations Office (\$1,025 million)

- Initiate operations of the Integrated Disposal Facility to support DFLAW operations
- Repackage mixed low-level / transuranic waste at Perma-Fix Northwest
- Progress dewatering and grouting of the K West Basin
- Continue 100 K Area waste site remediation and building demolition
- Continue preparations to remediate the 300-296 waste site under the 324 Building.
- Complete Waste Encapsulation and Storage Facility modifications to support capsule dry storage

Richland Operations Office (\$1,025 million) (cont.)

- Treat more than 2 billion gallons of groundwater
- Complete well drilling in support of the M-024 Milestone series
- Continue River Corridor decision documentation
- Complete the final records of decision for the 100 K and 100 N Reactor Areas
- Continue implementation of the 200-BP-5/PO-1 interim record of decision
- Complete the Remedial Investigation / Feasibility Study Work Plans for 200-WA-1 and 200-CP-1
- Continue Central Plateau source area decision documentation for 200-IA-1 and 200-EA-1

Richland Operations Office FY 2024 Planned Work (cont.)

Richland Operations Office (\$1,025 million) (cont.)

- Continue canyon risk mitigation activities (Plutonium Uranium Extraction Plant, Reduction-Oxidation Plant)
- Continue supporting Hanford Sitewide Services
- Complete design for the 181B/181D export water system upgrade
- Continue construction of Central Plateau Water Treatment Facility

Questions?



ATTENDEES
Budget Overview for Fiscal Year 2024 Regulator Briefing
(TPA Commitment 149.D)
April 20, 2023

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