

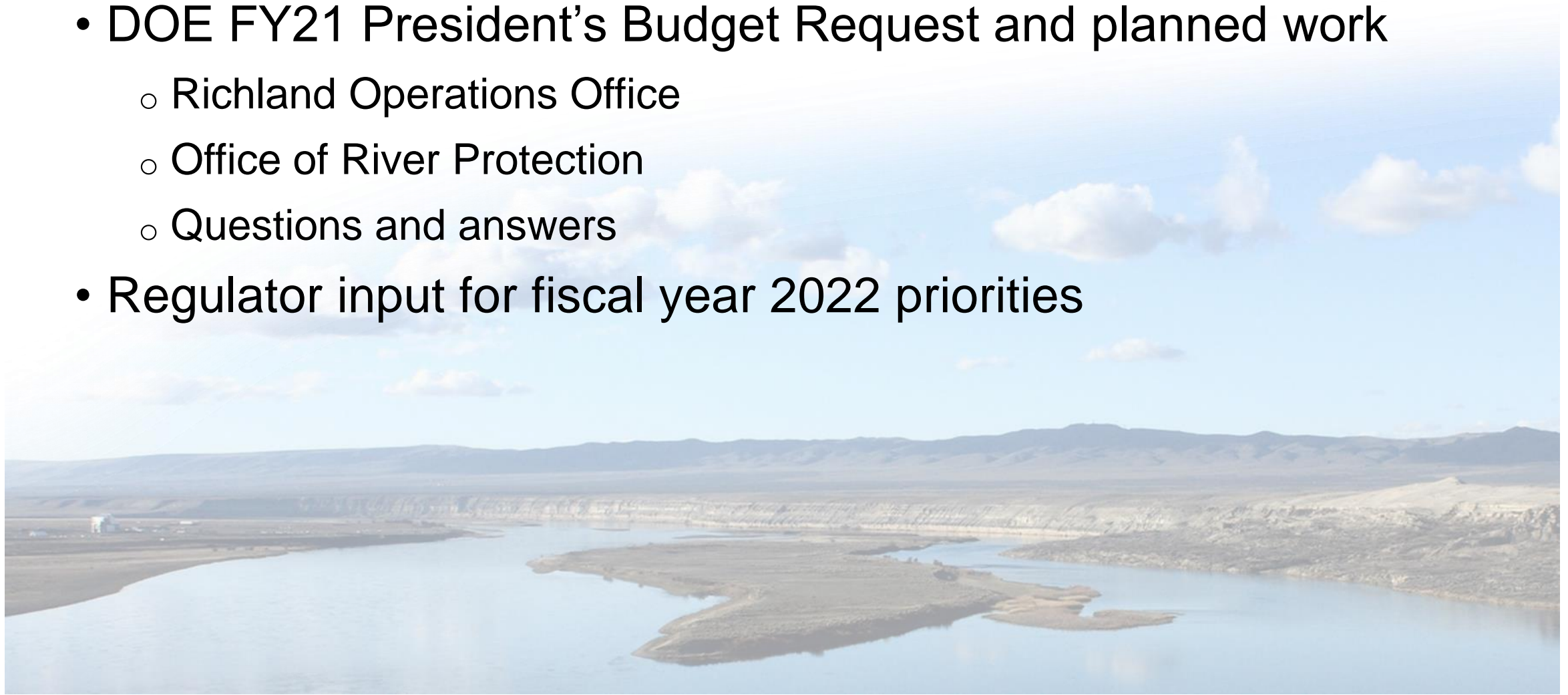


THE HANFORD SITE

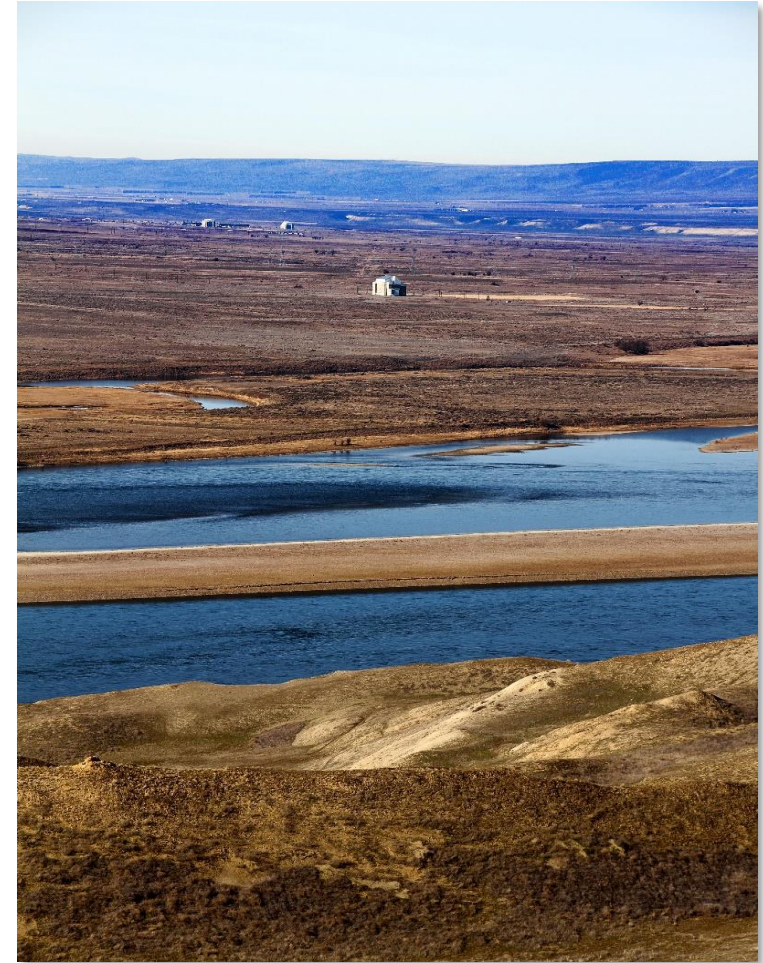
Budget Overview for Fiscal Year 2021 Fiscal Year 2022 Budget Public Priorities

March 18, 2020

- DOE FY21 President's Budget Request and planned work
 - Richland Operations Office
 - Office of River Protection
 - Questions and answers
- Regulator input for fiscal year 2022 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, Cs/Sr dry storage
- Groundwater pump-and-treat actions
- Central Plateau clean-up
- Tank farm closure



A cocooned reactor near the Columbia River

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

(\$ 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

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

Office of River Protection (\$1,258M)

- Direct-Feed, Low-Activity Waste – continue construction, startup and commissioning activities related to DFLAW and its facilities
- Continue Effluent Treatment Facility process liquid waste, upgrades and construction to support DFLAW
- Support 222-S Laboratory operations and upgrades supporting tank farms and Direct Feed Low-Activity Waste
- Perform facility preservation activities for High Level Waste/Pretreatment facility using prior year funds
- Continue progress toward important cleanup required by the Amended Consent Decree and Tri-Party Agreement
- Complete construction and initiate tank-side cesium removal operations using prior year funds
- Continue construction and upgrades to the AP Tank Farms using prior year funds

ORP Budget Profile

(\$ in Thousands)

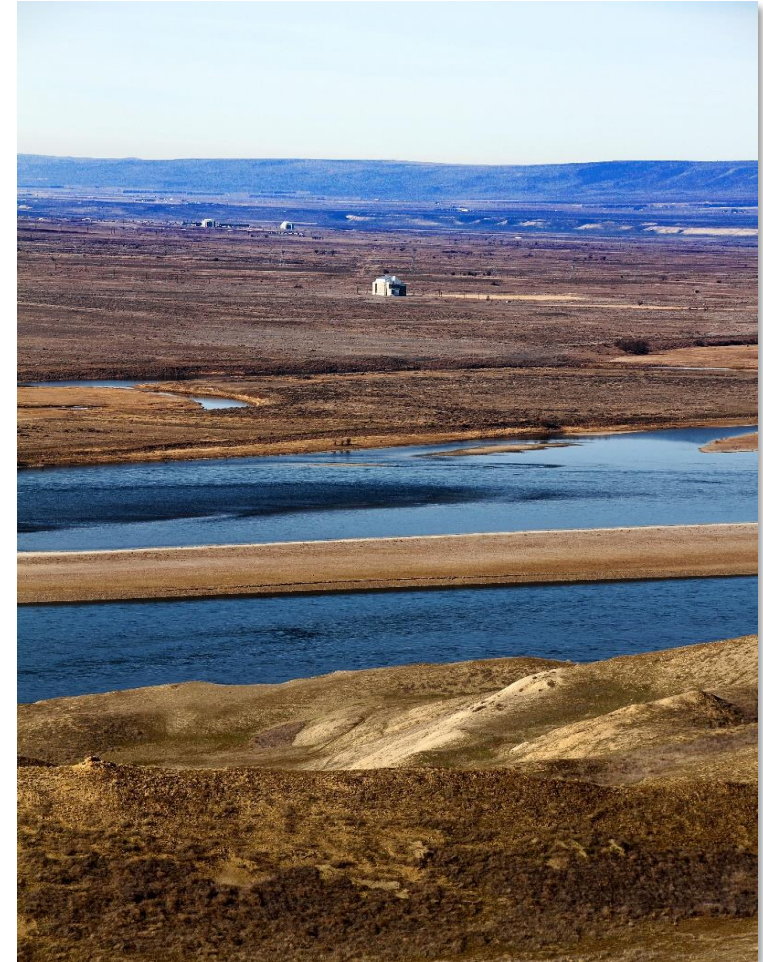
PBS	PBS Title	FY 2020 Request	FY 2020 Enacted	FY 2021 Request
ORP-0014	Radioactive Liquid Tank Waste Stabilization and Disposition	677,460	775,000	597,757
ORP-0014	15-D-409, Low-Activity Waste Pretreatment System	0	0	0
ORP-0014A	LLW Offsite Disposal	10,000	10,000	0
Tank Farms		687,460	785,000	597,757
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

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-062-33-T01	Complete Construction of Supplemental Treatment Vitrification Facility and/or WTP Enhancements	4/30/2021	Dispute Resolution
ORP-0014	M-062-45-A	Complete Negotiations 6-Months After Last Issuance of System Plan	4/30/2021	On Schedule
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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A cocooned reactor near the Columbia River

- Public Budget Priorities workshop (mid-April timeframe)
- 30-day public comment period – (starts/ends TBD)
- Comments written, mailed, or emailed – BudgetPriorities@rl.gov
- Comments transmitted to DOE-EM with Hanford’s FY 2022 Compliance Request (June timeframe)
- Submittal reviewed by:
 - DOE-EM
 - DOE Chief Financial Officer
- DOE submits the FY 2022 budget request to the Office of Management and Budgets (September-October timeframe)

From: Levardi, Yvonne M <yvonne.levardi@rl.doe.gov>

Sent: Tuesday, March 17, 2020 3:37 PM

To: Price, John (ECY) <john.price@ecy.wa.gov>; Einan, David (EPA) <einan.david@epa.gov>; Harp, Benton J (Ben) <benton_j_ben_harp@orp.doe.gov>; Hamel, William F <william.hamel@rl.doe.gov>; Hastings, Robert G (Rob) <robert_hastings@orp.doe.gov>; Franco, Joe R <joe.franco@rl.doe.gov>

Cc: Smith, Alex (ECY) <ales461@ECY.WA.GOV>; Knapp, Anne (ECY) <akna461@ECY.WA.GOV>; Higgins, Kathleen L <kathleen.higgins@rl.doe.gov>; Schleif, Stephanie (ECY) <ssch461@ECY.WA.GOV>; Menard, Nina (ECY) <nmen461@ECY.WA.GOV>; Howell, Theresa (ECY) <teho461@ECY.WA.GOV>; Dahl-crumpler, Suzanne L <sdah461@ecy.wa.gov>; Davisson, Tracy E <tracy.davisson@rl.doe.gov>

Subject: RE: DOE Budget Briefing Presentation

All,

In advance of tomorrow's presentation by Ben and Bill, please find the briefing slides attached.

Best,

Yvonne

Yvonne Levardi

Internal Information/Public Affairs

Hanford Site Communications, U.S Department of Energy

Desk: 509.376.8625 Cell: 509.713.9189



From: Price, John (ECY) <jpri461@ECY.WA.GOV>

Sent: Monday, March 16, 2020 10:47 AM

To: Einan, David (EPA) <einan.david@epa.gov>; Harp, Benton J (Ben) <benton_j_ben_harp@orp.doe.gov>; Hamel, William F <william.hamel@rl.doe.gov>; Hastings, Robert G (Rob) <robert_hastings@orp.doe.gov>; Franco, Joe R <joe.franco@rl.doe.gov>; Levardi, Yvonne M <yvonne.levardi@rl.doe.gov>

Cc: Smith, Alex (ECY) <ales461@ECY.WA.GOV>; Knapp, Anne (ECY) <akna461@ECY.WA.GOV>; Higgins, Kathleen L <kathleen.higgins@rl.doe.gov>; Schleif, Stephanie (ECY) <ssch461@ECY.WA.GOV>; Menard, Nina (ECY) <nmen461@ECY.WA.GOV>; Howell, Theresa (ECY) <teho461@ECY.WA.GOV>; Dahl-crumpler, Suzanne L <sdah461@ecy.wa.gov>

Subject: RE: DOE Budget Briefing Presentation

Ecology would very much like to have this meeting as scheduled.

We believe that it should be held as a WebEx if at a DOE location or, Ecology is willing to host a Skype meeting from our office.

-----Original Appointment-----

From: ^RL/ORP Manager <RLORPManager@rl.gov>

Sent: Thursday, February 27, 2020 10:35 AM

To: ^RL/ORP Manager; Smith, Alex (ECY); Price, John (ECY); Einan, David (EPA); Harp, Benton J (Ben); Hamel, William F; Hastings, Robert G (Rob); Franco, Joe R; Levardi, Yvonne M

Subject: DOE Budget Briefing Presentation

When: Wednesday, March 18, 2020 2:00 PM-3:00 PM (UTC-08:00) Pacific Time (US & Canada).

Where: Ecology Room #3A Snake River

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the attachment or the link

Purpose of the meeting is to provide budget briefing cycle to the regulators.

TD 2.27.2020