



— BUREAU OF —
RECLAMATION

Reclamation Update

2023 Washington State Water Resources Association

Jennifer Carrington, Regional Director

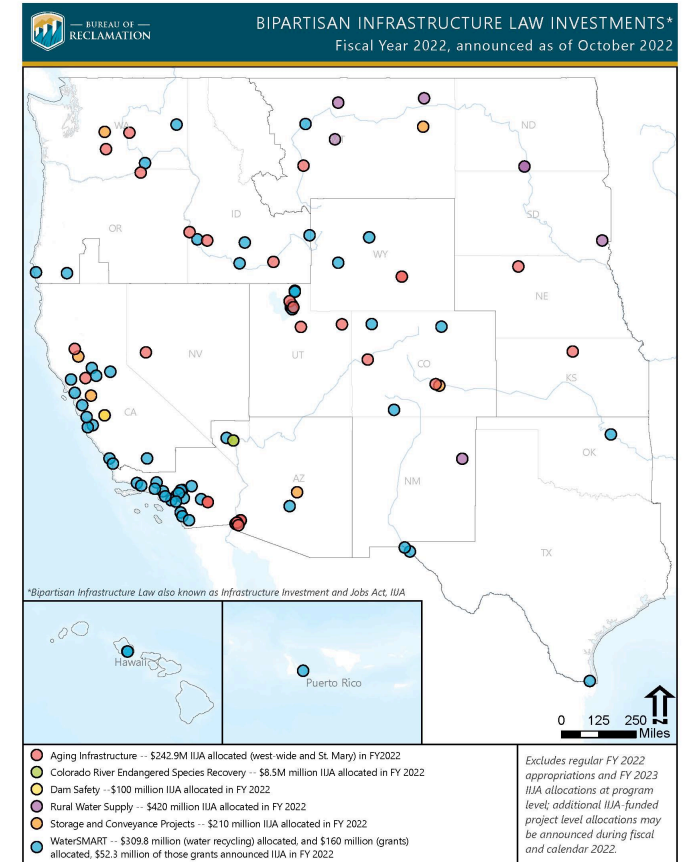
New Personnel

- Michael Brain, Acting Principal Deputy Assistant Secretary for Water and Science
- Laura Daniel Davis, Acting Deputy Secretary
- Chris Duke, CCAO Area Manager
- Dusty Parsons, Supervisory Field Solicitor
- Kira Christensen, CPN Liaison



Bipartisan Infrastructure Law

- Open opportunities within BIL
 - Small Surface Water Storage (Closes Nov 30, 2023)
 - Aging Infrastructure Account Loans (Closes Dec 1, 2023)
 - Aquatic Ecosystem Restoration (Closes Jan 24, 2024)
 - Large Scale Water Recycling (Closes Sep 30, 2024)
 - Title XVI Water Recycling (Closes Sep 30, 2024)
 - Water Desalination (Closes Sep 30, 2024)
 - Cooperative Watershed Management Program (Closes Sep 3, 2024)



Bipartisan Infrastructure Law - Washington

- FY 2022, \$9.2M in funding for 4 projects across 3 funding programs
- FY 2023, \$22.1M in funding for 12 projects across 5 funding programs
- So far in FY 2024, \$8.8M for 5 projects in 1 program



Inflation Reduction Act

- Opportunities to secure available funding:
 - Section 50232 contains \$25M to design, study, and implement projects covering water conveyance facilities with solar panels.
 - Section 50233 provides \$4B for drought mitigation in Reclamation states, with emphasis on the Colorado River Basin.
 - This section also allows for \$500M to address drought mitigation in other basins experiencing comparable levels of long-term drought as the Colorado River Basin (other basins)



WaterSMART/Water Conservation Field Services

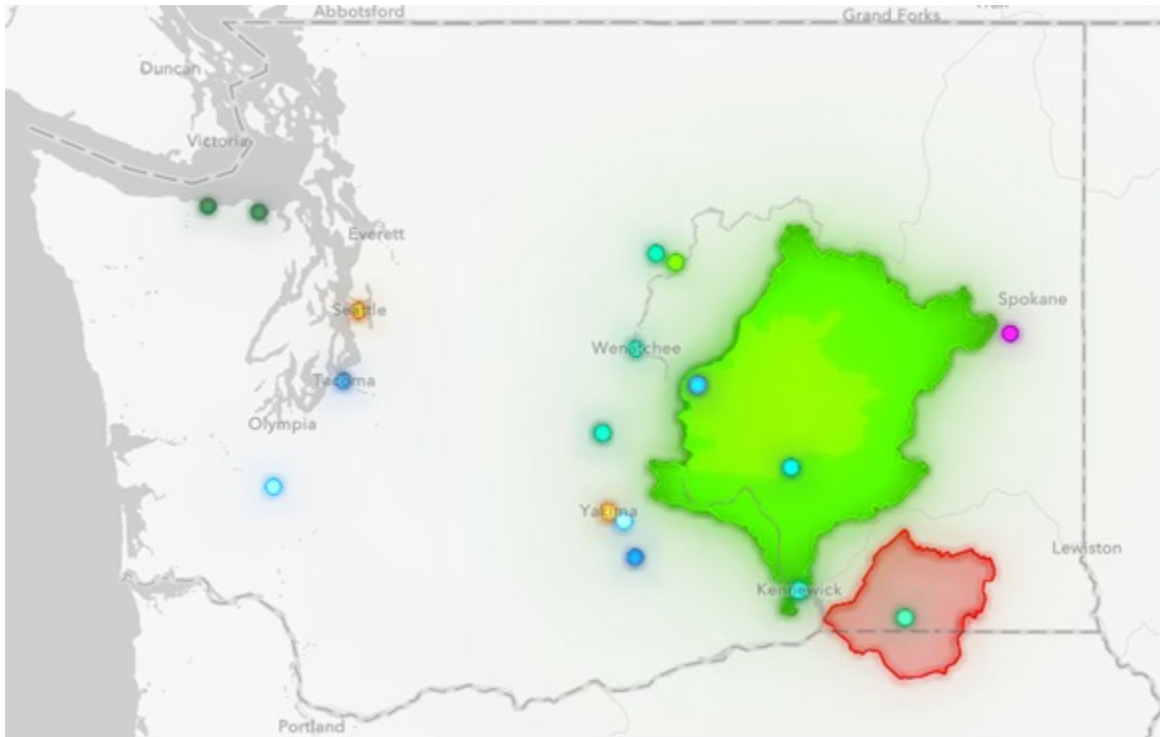


Figure 1. This figure shows the locations of WaterSMART projects in Washington State.

- Since 2021, Reclamation has provided funding for 570 projects and 63 plans
 - \$299M in federal funding
 - \$554M in BIL funding
- In Washington, 27 projects and 3 plans have received funding
 - \$12.1M in federal funding
 - \$9.4M in BIL funding
 - \$700,000 for plans



Washington WaterSMART Projects

- Washington Water Trust
- East Columbia Basin Irrigation District
- Quincy-Columbia Basin Irrigation District
- Clallam Conservation District
- Clallam and Chelan Counties, Washington
- Kittitas Reclamation District
- Columbia Irrigation District
- Cities of Cheney, Tacoma, and Walla Walla
- Kennewick Irrigation District
- Chelan Co. Natural Resource Department
- Yakima-Tieton Irrigation District
- Lake Chelan Reclamation District
- Confederated Tribes and Bands of the Yakama Nation
- Selah Moxee Irrigation District
- TransAlta Centralia Generation, LLC
- Grant County and Lincoln County Conservation Districts
- Washington State Department of Ecology's Office of the Columbia River (basin study with Confederated Tribes of the Umatilla Indian Reservation's Department of Natural Resources and Oregon Water Resources Department)



WaterSMART Funding Opportunities

- Aquatic Ecosystem Restoration Program
- Cooperative Watershed Management Program
- Planning and Project Design Grants (includes Water Strategy Grants, Project Design Grants, and Drought Contingency Planning)
- Large-Scale Water Recycling Projects
- Title XVI Congressionally Authorized Projects
- Title XVI WIIN Act Projects
- Water and Energy Efficiency Grants
- Small-Scale Water Efficiency Projects
- Desalination Construction

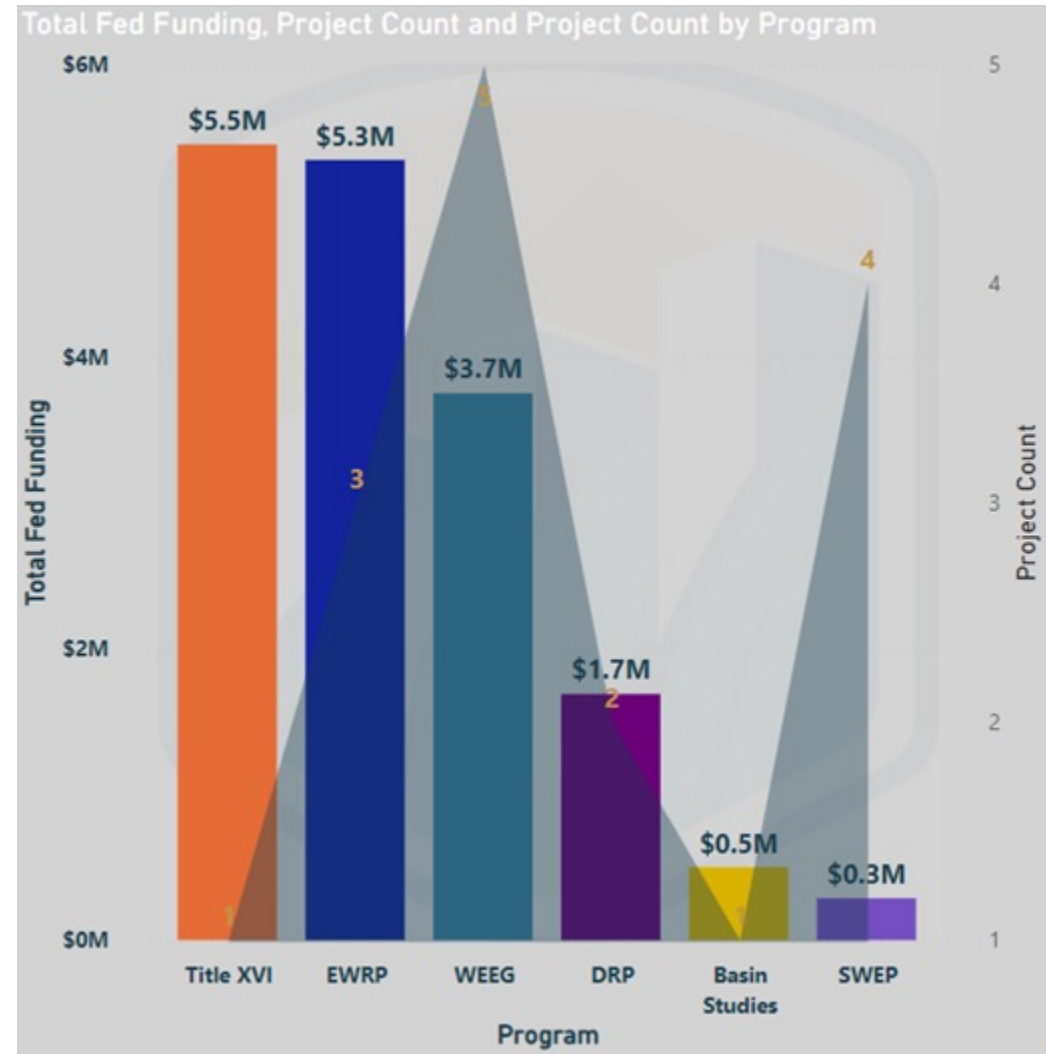


Figure 2. This figure shows the total number of WaterSMART projects in Washington and the total funding amounts by program in FY22 and FY23



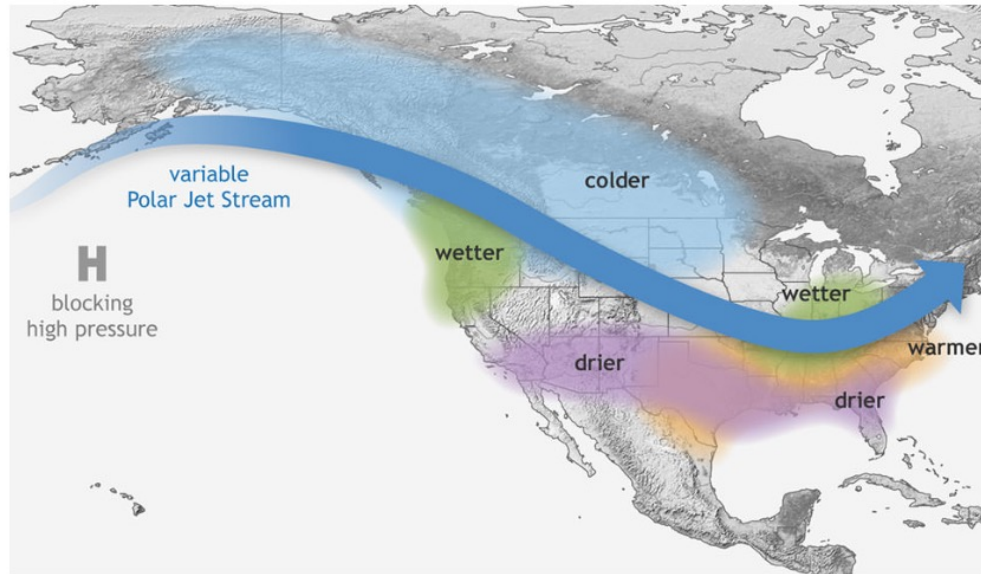
FY 2024 Budget/Continuing Resolution



- \$148 million in total appropriated funding to continue work on projects and programs such as water and related resources, Native American Assistance, Safety of Dams projects and security funding.
- \$260.3 million in total non-appropriated funding from water users, Bonneville Power and other non-federal areas.
- Total program funding for the region: \$408.3M



Basin Conditions Wrap Up

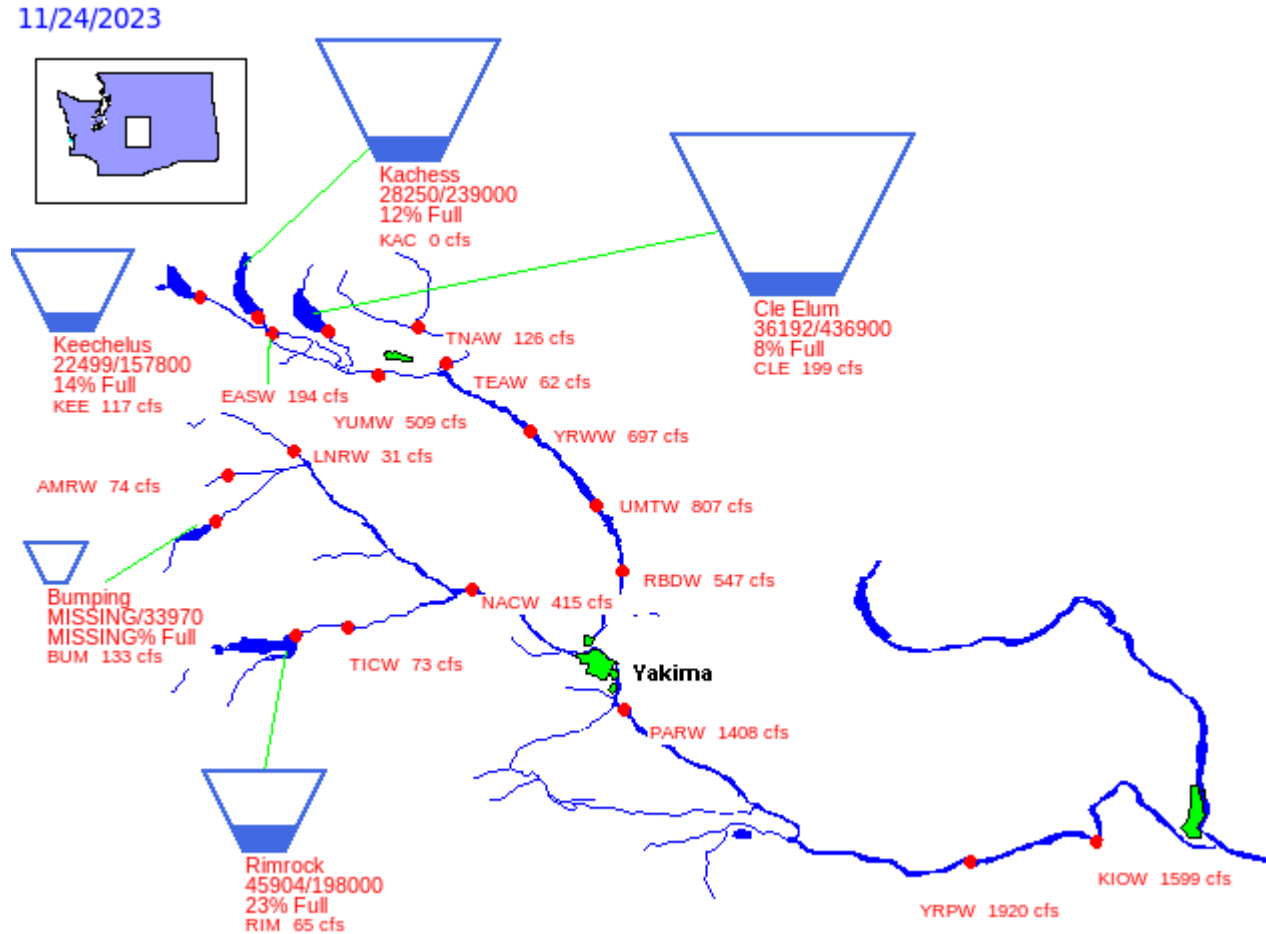


La Niña causes the jet stream to move northward and to weaken over the eastern Pacific. During La Niña winters, the South sees warmer and drier conditions than usual. The North and Canada tend to be wetter and colder.

- Water year 2023
 - La Nina-resulted in near record low snowpack in northern reaches of the Columbia River Basin
 - Well above average conditions in Central Oregon, as well in the Snake River Plain



Basin Conditions Wrap Up



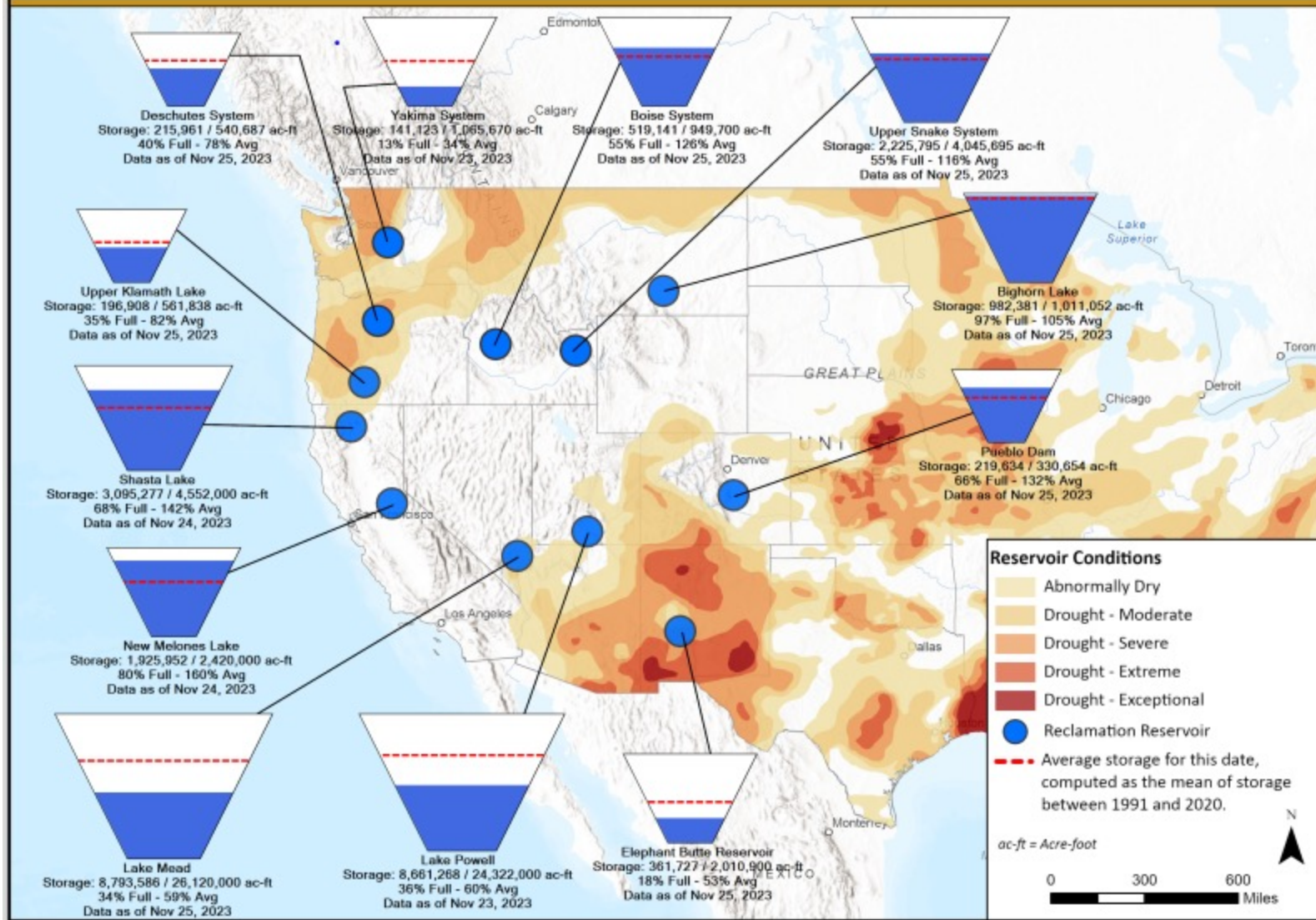
Yakima system storage on November 24, 2023





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Current Reservoir Storage as of November 25, 2023 Major Reclamation Reservoirs



CRSO Stay in Litigation



- *National Wildlife Federation v. NMFS/CRSO*
 - After the latest round of complaints and injunction motions were filed, the U.S. Government and the other litigation parties opted to stay the litigation and try mediation.
- Mediation goals:
 - Develop a long-term durable solution that restores healthy and abundant salmon and other native fish to the Columbia River Basin
 - Honor long-standing commitments to Tribal Nations
 - Deliver affordable and reliable clean energy
 - Meet the many resilience needs of the region



Fish Reintroduction

- On September 21, 2023, the Biden administration announced a historic agreement to support Tribally led efforts to restore healthy and abundant salmon populations in the upper Columbia River Basin.
 - Includes:
 - \$200M over 20 years from the Bonneville Power Administration
 - \$8M over two years from the Department of the Interior through the Bureau of Reclamation



Columbia River Treaty/Flood Risk Management Update



- The U.S. negotiations team continues to meet with the Canadian team to find a way to secure a modernized treaty before components of the treaty regime sunset in September 2024.
- To date, there have been 19 rounds of negotiations.
- Under the existing Treaty regime, how the United States accesses reservoir space in Canada for flood risk management changes on September 16, 2024.



Kachess Safety of Dams



Yakima Basin Integrated Plan

Yakima Basin Integrated Plan
Habitat and Agricultural Improvements



- Work continues with the Yakima River Basin Water Enhancement Project (YRBWEP)
- Implementation of conservation grants with irrigation districts continue the Sunnyside Division Board of Control (SDBOC) and Kittitas Reclamation District (KRD).
 - Currently, the project is in Phase II with the piping of 71.5 miles of open ditch laterals.
 - KRD's conservation plan includes lining and piping of over 100 miles of canal and laterals.



YBIP/Cle Elum Fish Passage

- Construction update
 - The access road and spillway bridge construction contract is complete.
 - The secant vault construction is complete.
 - The tunnel bypass construction is complete.
 - The Intake, Gate, and Helix contractor mobilized in late April 2019.
 - Construction of the intake, gate and helix is anticipated to be complete August 2024.
 - The contract for construction of the adult fish collection facility was awarded in FY 2023.
- To date, Reclamation has provided \$100 million in Federal funding, Ecology has provided approximately \$70M.



YBIP/Cle Elum Pool Raise



- Reclamation and Ecology began construction in 2015
- Purpose:
 - to increase the reservoir's capacity an additional 14,600 acre-feet
 - Manage instream flows for fish and improve aquatic resources for fish habitat, rearing, and migration
 - Project is estimated to cost \$36 million. To date, Reclamation has provided \$9 million in WIIN Act funding and \$6 million in BIL funding.



Yakima O&M Consultation

RECLAMATION
Managing Water in the West

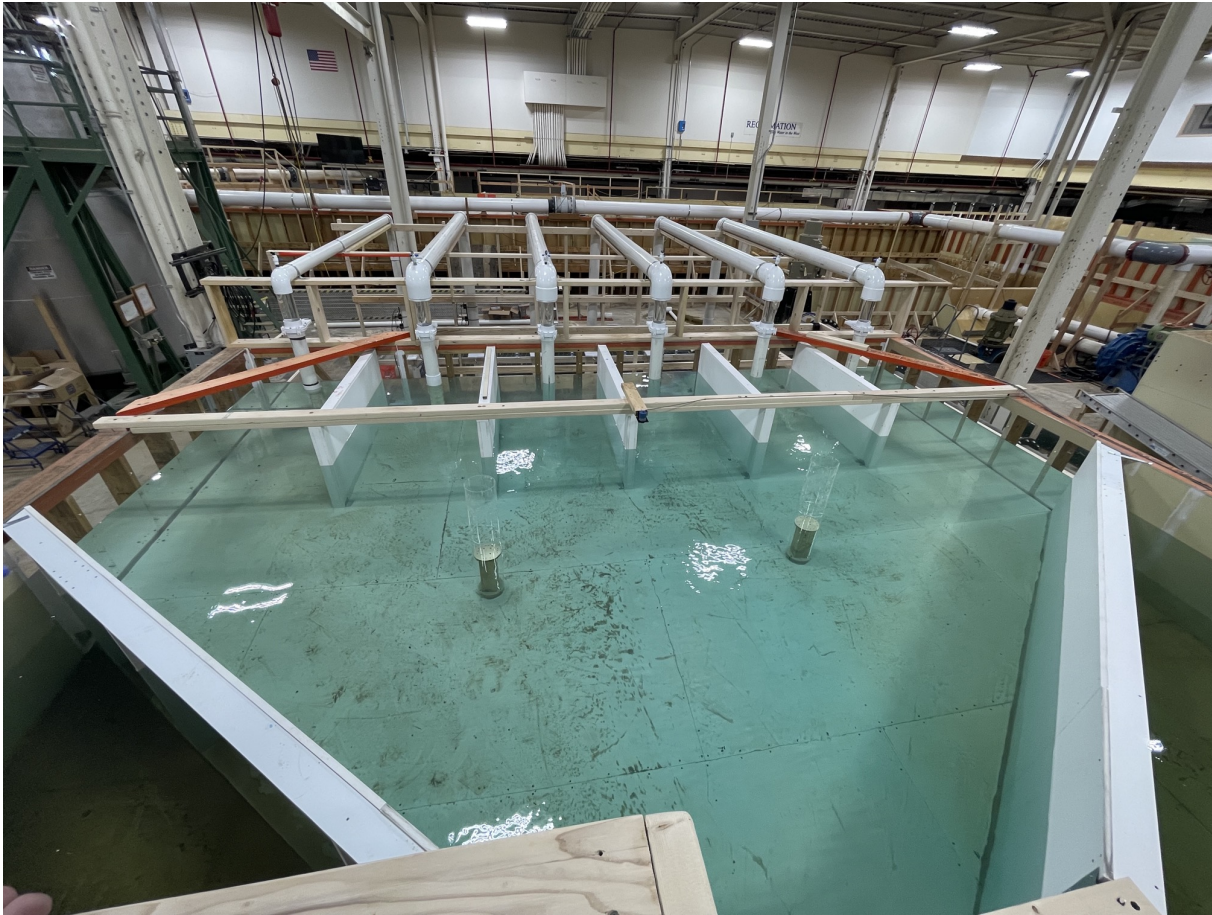
**Biological Assessment on the Operations
and Maintenance of the Yakima Project**



- Reclamation has been actively negotiating with NMFS and USFWS since 2000 towards completion of ESA consultation on O&M for the Yakima Project.
- Reclamation is working cooperatively with Yakima Basin Integrated Plan (YBIP) partners and the Yakama Nation to develop a proposed action that incorporates a comprehensive suite of YBIP activities that benefit ESA-listed steelhead, and bull trout.
- Completed ESA consultations on the Yakima Project O&M would give Reclamation regulatory certainty for Yakima Project operations and would improve the ability of the YBIP partners to plan for future projects.



Odessa Groundwater Replacement Program



EL47.5 Pumping Plant system

- Progress over the past year
 - 2023 marked the third season landowners on the EL 47.5 system grew crops with Reclamation water.
 - Five other systems not far behind, with Reclamation, East District, and the landowners progressing through design.
 -
 - Installation of the remaining radial gate hoists at mile 71.5 of the East Low Canal. The installation of the last two gates and the completion of the corbel construction will occur this winter.
 -
 - Forthcoming: coordinating with Grant and Adams counties on the future bridge replacement work.



Thank you!

