

DISTRICT OVERVIEW

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WALLA WALLA DISTRICT OVERVIEW

MISSION:

The Walla Walla District operates and maintains **multi-purpose infrastructure assets**, and plans and executes **engineering and water resource services** across the inland Northwest and the Nation to safely **maximize public and environmental** benefits.



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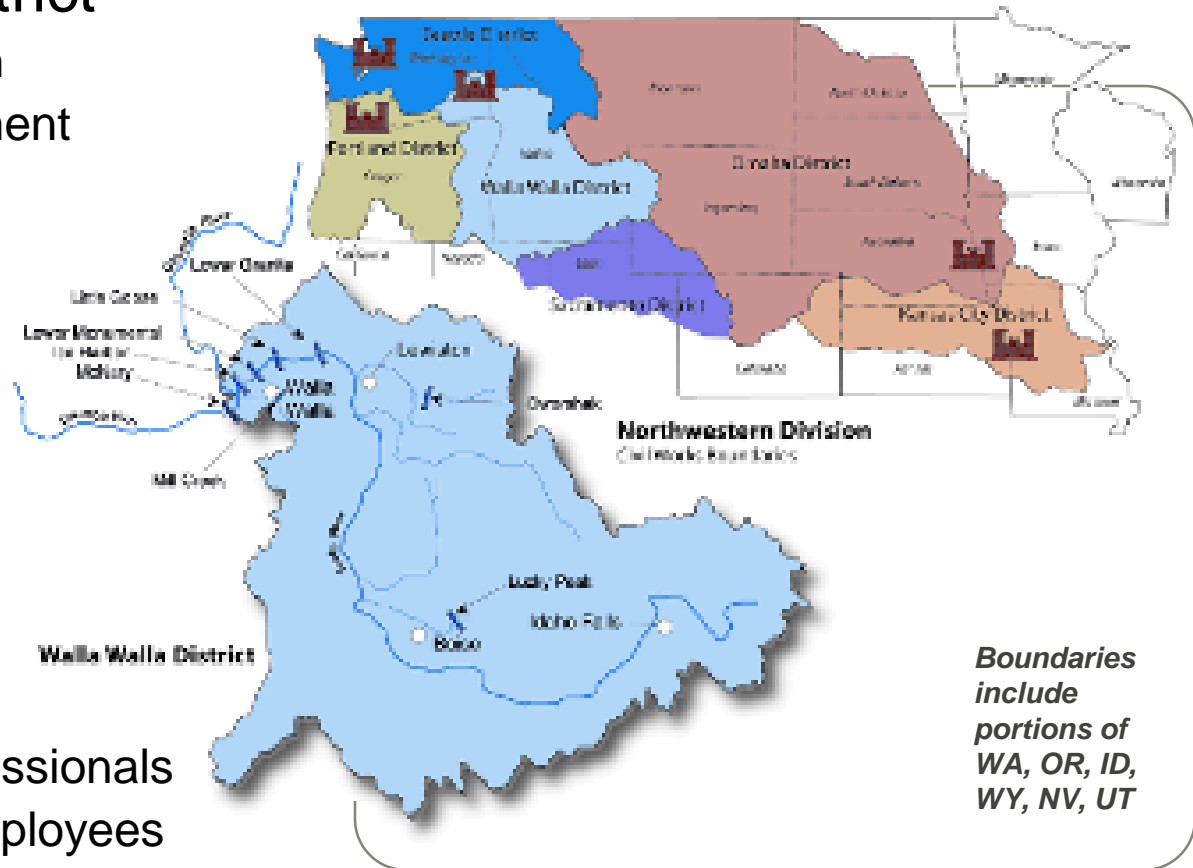
WALLA WALLA DISTRICT OVERVIEW

■ Civil Works District

- Support to the Nation
- Flood Risk Management
- Hydropower
- Navigation
- Environmental
- Recreation

■ Workforce: 870 Employees

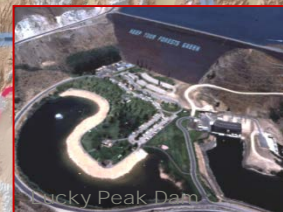
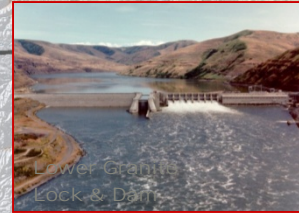
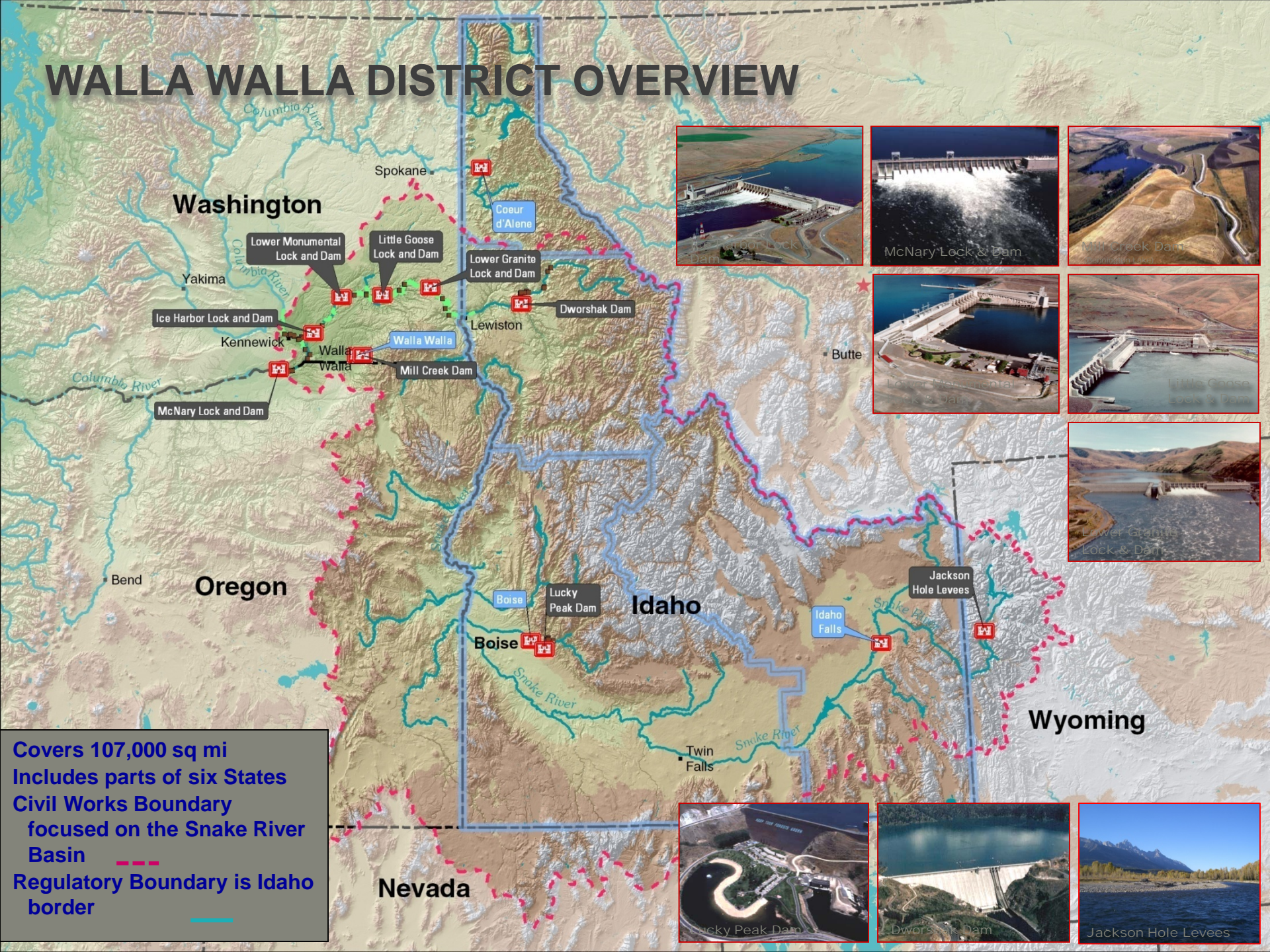
- 2 Military Officers
- 150 Engineers
- 113 Registered Professionals
- 270 Wage Grade Employees



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WALLA WALLA DISTRICT OVERVIEW



Covers 107,000 sq mi
 Includes parts of six States
 Civil Works Boundary
 focused on the Snake River
 Basin

 Regulatory Boundary is Idaho
 border
 ———

WALLA WALLA DISTRICT OVERVIEW

Operate and Maintain \$2.5 Billion of infrastructure assets consisting of:

- Hydropower Facilities
- Flood Risk Reduction Reservoirs
- Recreation Sites
- Navigation Facilities
- Levee systems
- Environmental Mitigation



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SERVING THE NATION

- **Overseas Contingency Operations**
 - 300 plus individual deployments to Iraq & Afghanistan support National goals and the Army's mission
 - Building and improving infrastructure for use by civil populations and multi-national military forces.
- **Emergency Management**
 - Assuring flood preparedness in the Snake River Basin with training and emergency assistance
 - Repairing damaged flood control structures through the Rehabilitation Program
 - Supporting FEMA disaster relief and recovery operations, including emergency power generation, temporary housing, debris removal, and temporary roofing.



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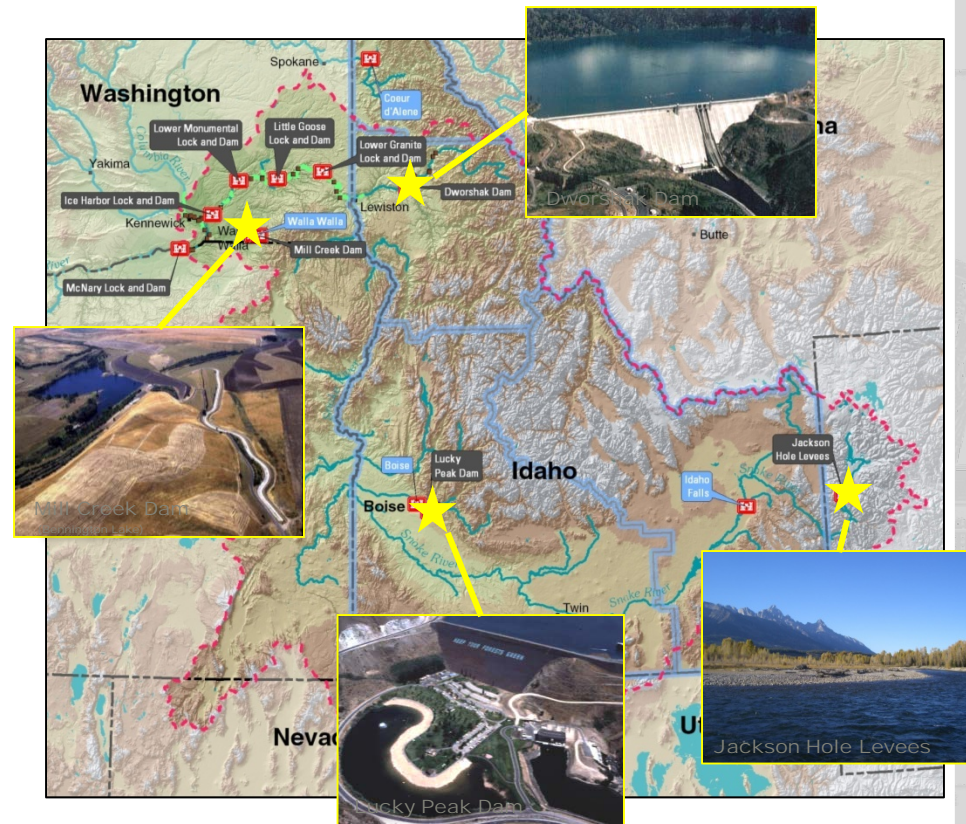
FLOOD RISK MANAGEMENT

■ Flood Risk Management

- Flood Risk Reduction projects
 - Dworshak
 - Lucky Peak
 - Mill Creek
 - Jackson Hole Levees
- District efforts prevented over \$18 billion in flood damage in last 10 years
 - Use of exclusive flood control space of Sec. 7 Dams in ID, and cooperation with BoR and ID Power prevented flood damages

■ Levee Safety Inspection Program

- Studies and projects for additional flood risk reduction

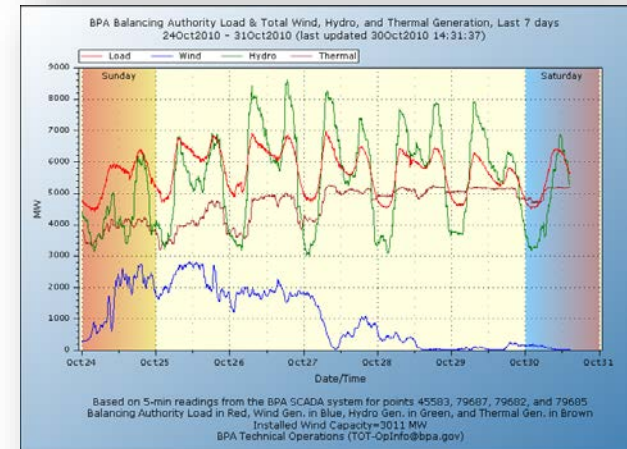


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HYDROPOWER

- **USACE/Corps of Engineers**
 - Nation's largest renewable energy producer
 - Owns and operates 24% of US capability
 - 75 billion kilowatt hours, 3% of US electrical capacity
 - Can power 10 cities the size of Seattle
- **Northwestern Division**
 - Provides 75% of Corps' hydropower
 - Provides ~35% of region's electrical energy
- **Walla Walla District**
 - Operates and maintains six facilities providing 21% of USACE's capability
 - 4,400 MW production capacity
 - NWW produces over 25% of residential electricity used for WA, OR & ID. Avg Market Value ~ \$200 million
- **Hydropower Facts**
 - Sustainable energy source, not officially classified as "Green"
 - Flexible start/stop allows for a balance of regional energy production and wind integration



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NATURAL RESOURCES

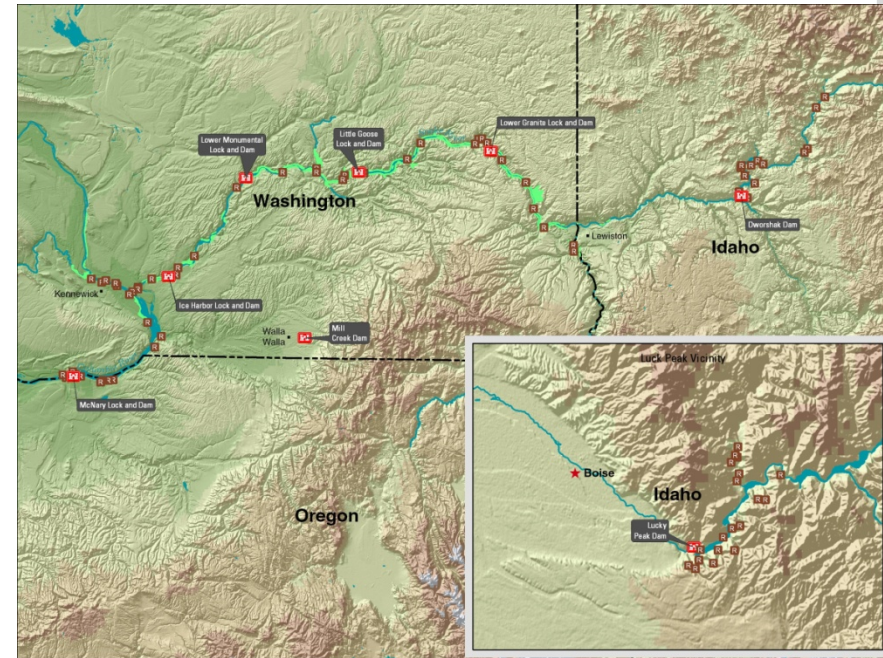
RECREATION, HABITAT MANAGEMENT, & MITIGATION

■ USACE

➤ Annual visitation: 250 million visitations yearly

■ Walla Walla District

- Operates eight reservoirs and associated shorelines (833 miles)
- Total Project Areas: 173,847 acres
- Total Water Area: 98,453 acres
- Recreation areas: 73 (37 leased to states, local gov't & private rec. companies)
 - Annual visitation: over 8M
 - Economic Impact: \$125M
 - Local revenue generated: \$250M
 - Annual Volunteer: 364
 - Volunteer Hours Worked – 25,160
 - Value of Volunteer Hours - \$592,770



■ Mitigation

- Habitat Management Units (riparian habitat, feeding areas, and hunting): 111
- Hatcheries: operate & maintain one hatchery with USFWS and Nez Perce Tribe



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U.S. ARMY

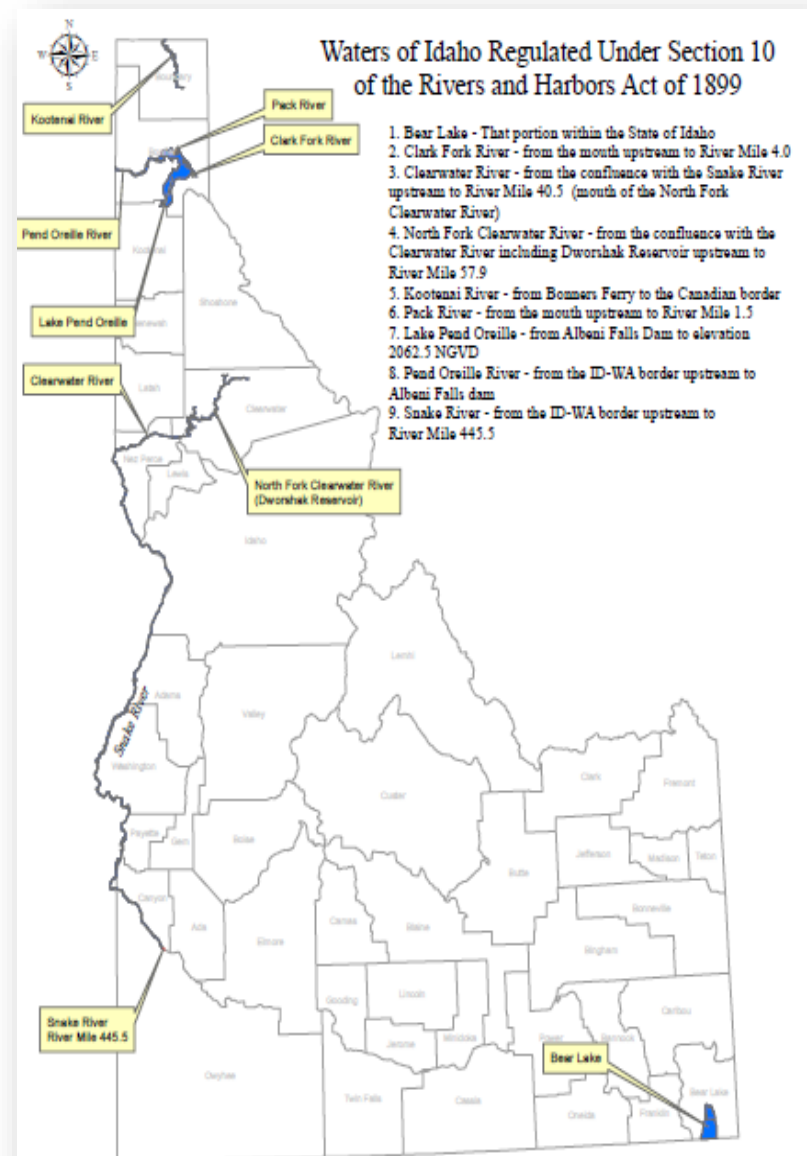
WATER RESOURCES - REGULATORY

- Administers and enforces Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act within Idaho boundaries

- Works closely with Idaho transportation department and other state agencies.
- Permit required for work in navigable waters of the United States.
- Permit required for the discharge of dredge/fill material into these waters.

- Compliance and mitigation

- Nationwide permits
- Individual permits
- Emergency permits
- Enforcements



KEY RELATIONSHIPS

PARTNERS, STAKEHOLDERS, & CUSTOMERS

- Public
- Federally Recognized Tribes
- Federal Agencies
 - Bonneville Power Administration (BPA)
 - National Oceanographic and Atmospheric Administration
 - Federal Emergency Management Agency
 - Bureau of Reclamation
 - U.S. Fish & Wildlife
 - Bureau of Land Management
- State & Local Governments
- Regional Businesses
 - Ports, Flood Control Districts
 - Pacific Northwest Waterways Association
 - Columbia River Tow Boat Association
 - Cruise Lines
- Environmental Groups



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TRIBAL RELATIONSHIPS



NAVIGATION



- **USACE**

- Operates and maintains 12,000 miles of commercial inland navigation channels

- **Walla Walla District**

- Maintains 173 miles of the navigable waterway from Umatilla, OR to Lewiston, ID
- Operates and Maintains five navigation locks on the Snake and Columbia Rivers (some of the highest head locks in the world)



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Lower Snake and Columbia Projects



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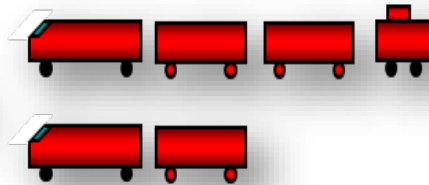
NAVIGATION



- Navigation Facts:
 - Authorized to maintain a 14' navigation channel in designated waterways
 - 9 million tons* of commodities annually shipped through the Snake and Columbia River locks - over \$1.5 billion value



1 Tow



1.4
Unit Trains



538.4 Semi-Trailers

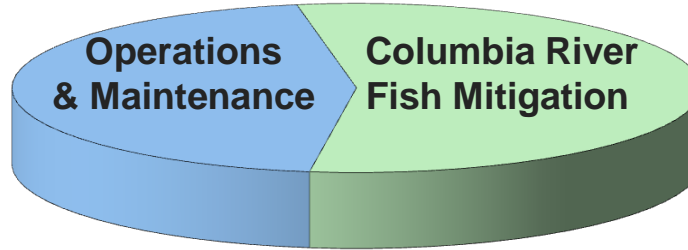
** Note: 10 million tons equals about 2,100 barges, 100,000 railcars, or 383,000 semi-trucks*



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FISH PROGRAM



\$50M - \$70M
annually



Fish Ladders



Fish Counting



Transportation Program



Fish Collection



Fish Hatcheries



Fish Screens



Spill



Removable Spillway Weir

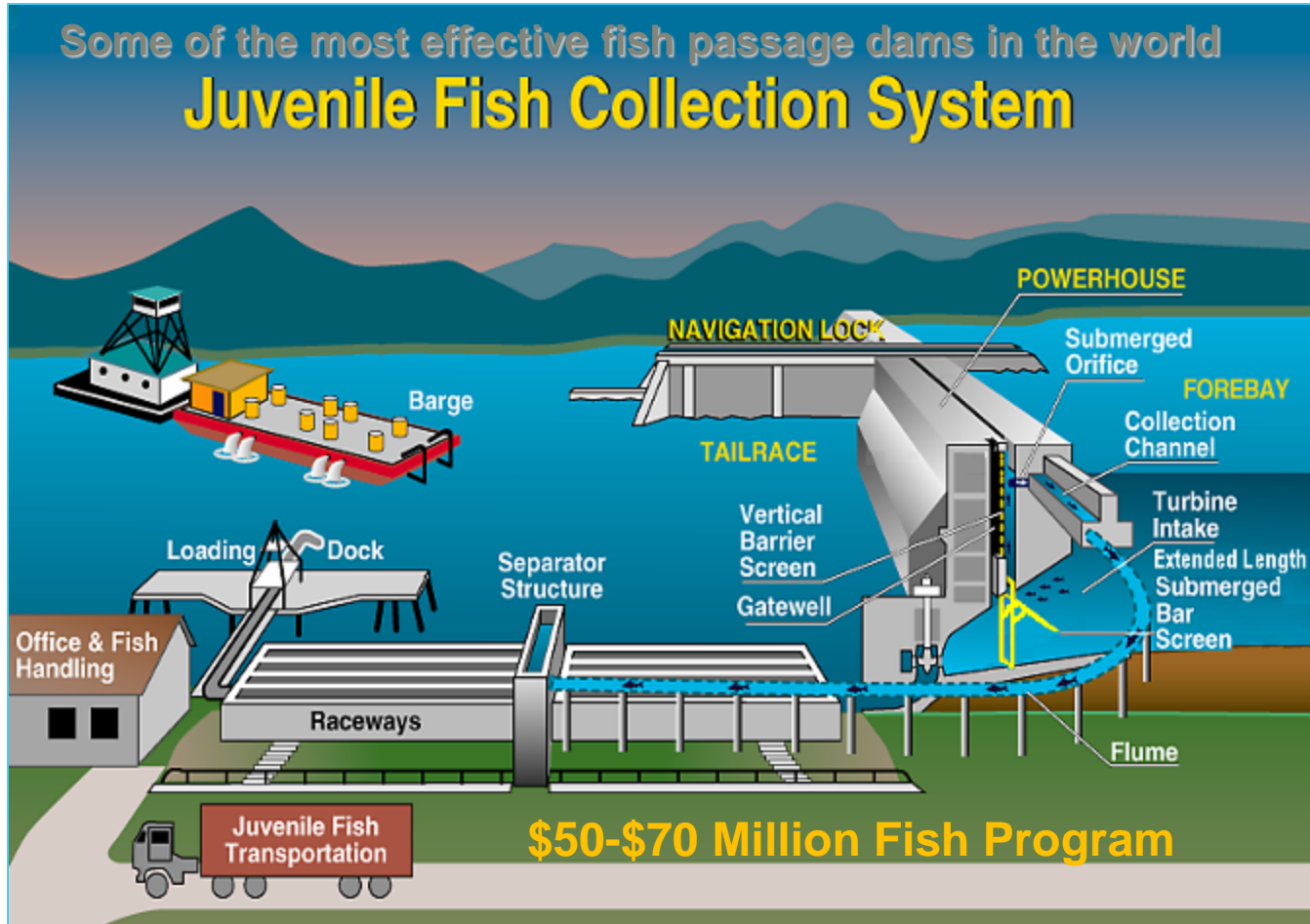


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FISH PASSAGE

Some of the most effective fish passage dams in the world
Juvenile Fish Collection System



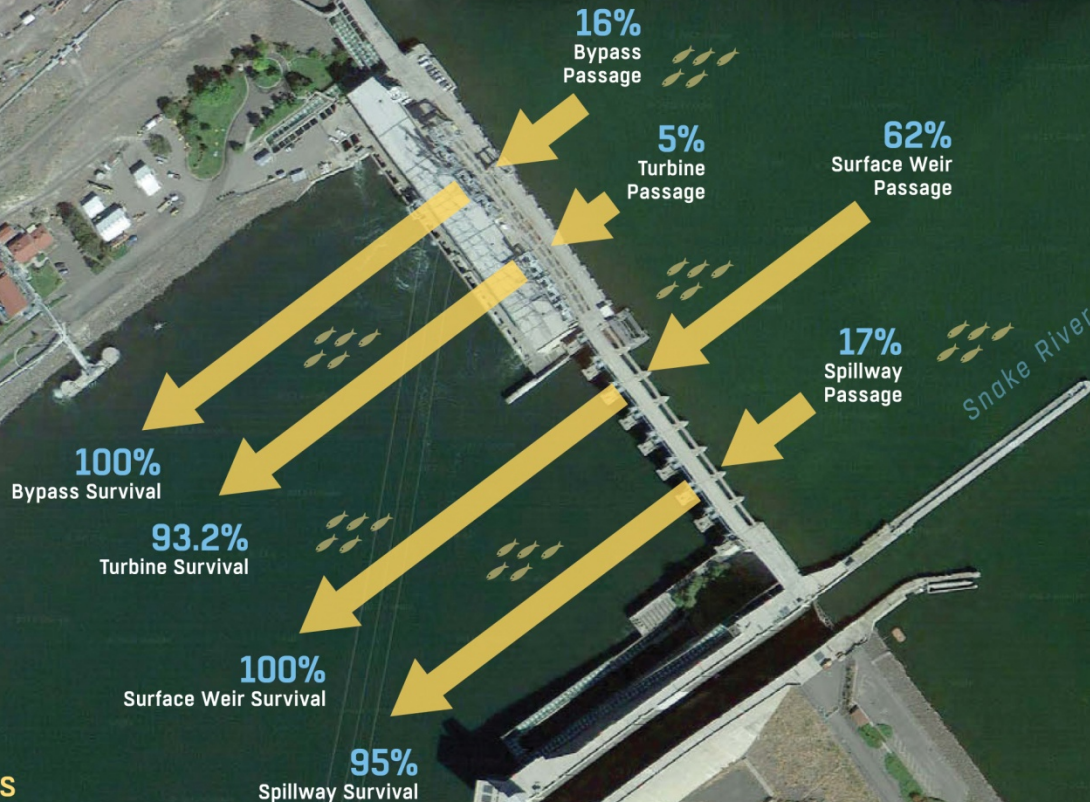
Innovative solutions
Salmon & Lamprey
Passage to minimize
stress & delay & offer
better outcomes

- Weirs
- Collection
- Monitoring
- Screens
- Turbine Design
- Water Temp



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All projects are on track to meet the BiOp performance standards of 96 percent survival for spring migrating fish and 93 percent survival for summer migrants.



Lower Monumental Dam Yearling Chinook 2012 Passage and Survival Estimates

98.7%

OVERALL DAM SURVIVAL

Juvenile fish pass dams by many routes: through turbines, juvenile bypass systems, spillways, or by collection and transport in barges or trucks downstream. Performance standard testing at Lower Monumental Dam in 2012 estimated overall survival for juvenile spring Chinook at 98.7 percent. The BiOp performance standard is 96 percent average per-dam survival for spring Chinook.

VALUE TO THE NATION

LOWER SNAKE RIVER FACTS

- For the past six years these 4 dams generated about
 - \$200 million annually in electricity yearly.
 - That can power a city the size of Seattle
- These dams also help move 3.5 million tons
 - of cargo, worth \$1.5 billion, to regional markets
 - like Lewiston-Clarkston and TriCities.
- 2.8 million visitors a year enjoy recreation
 - opportunities provided by these dams,
 - which in turn generate about \$87 million
 - in visitor spending for local businesses.



These dams provide outstanding value to the American people.

POINT OF CONTACT INFORMATION

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Walla Walla District Small Business:

<http://www.nww.usace.army.mil/BusinessWithUs/SmallBusiness.aspx>

Walla Walla District: <http://www.nww.usace.army.mil>

Walla Walla District Solicitations: <https://www.fbo.gov>

Keyword/Solicitation #: **W912EF**

Facebook: <https://www.facebook.com/wallawallacontracting>



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