

# RECLAMATION

*Managing Water in the West*

## Quagga Program Update

*June 2018*

***Bryan Horsburgh, Pacific Northwest Region  
Resource Services Manager***



U.S. Department of the Interior  
Bureau of Reclamation

# Background

- Reclamation has been engaged in quagga activities for over 10 years at the Regional and BOR-wide level
- The Department's 2017 Safeguarding the West initiative enhanced BOR's engagement, along with several other DOI agencies

# Leadership & Engagement Coordination Commitment

- Original Commitment - Convene federal, state, and tribal leaders in the Pacific Northwest to discuss current and future actions to address aquatic invasive species
- Revised Commitment – Utilize the Columbia Basin Federal Caucus to develop *Federal unity* for addressing quagga issues in the Pacific Northwest

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Ten federal agencies working for endangered salmon and steelhead in the Columbia River Basin

[salmonrecovery.gov](http://salmonrecovery.gov)



## The estuary: a critical salmon nursery

Restoring natural floodplains where young fish grow before going to the ocean.

### What's new

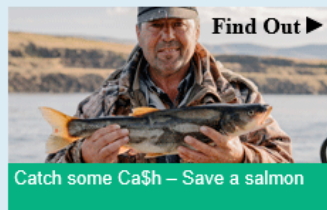
**March 2, 2017:** Federal agencies issue the "Federal Columbia Power System 2016 Comprehensive Evaluation" report that evaluates eight years of progress to protect and improve conditions for Columbia and Snake river salmon and steelhead. [More.](#)

**Sept. 30, 2016:** The U.S. Army Corps of Engineers, Bureau of Reclamation and Bonneville Power Administration announce preparation an environmental impact statement on the Columbia River System operations and configurations for 14 federal projects in the interior Columbia Basin. [More.](#)

**May 4, 2016:** The U.S. District Court issued its decision regarding the NOAA Fisheries' FCRPS Biological Opinion. [More.](#)

### Quick find links

- 2016 FCRPS Comprehensive Evaluation
- FCRPS Biological Opinion
- Frequently Asked Questions
- Columbia Basin Fish Accords
- Lamprey



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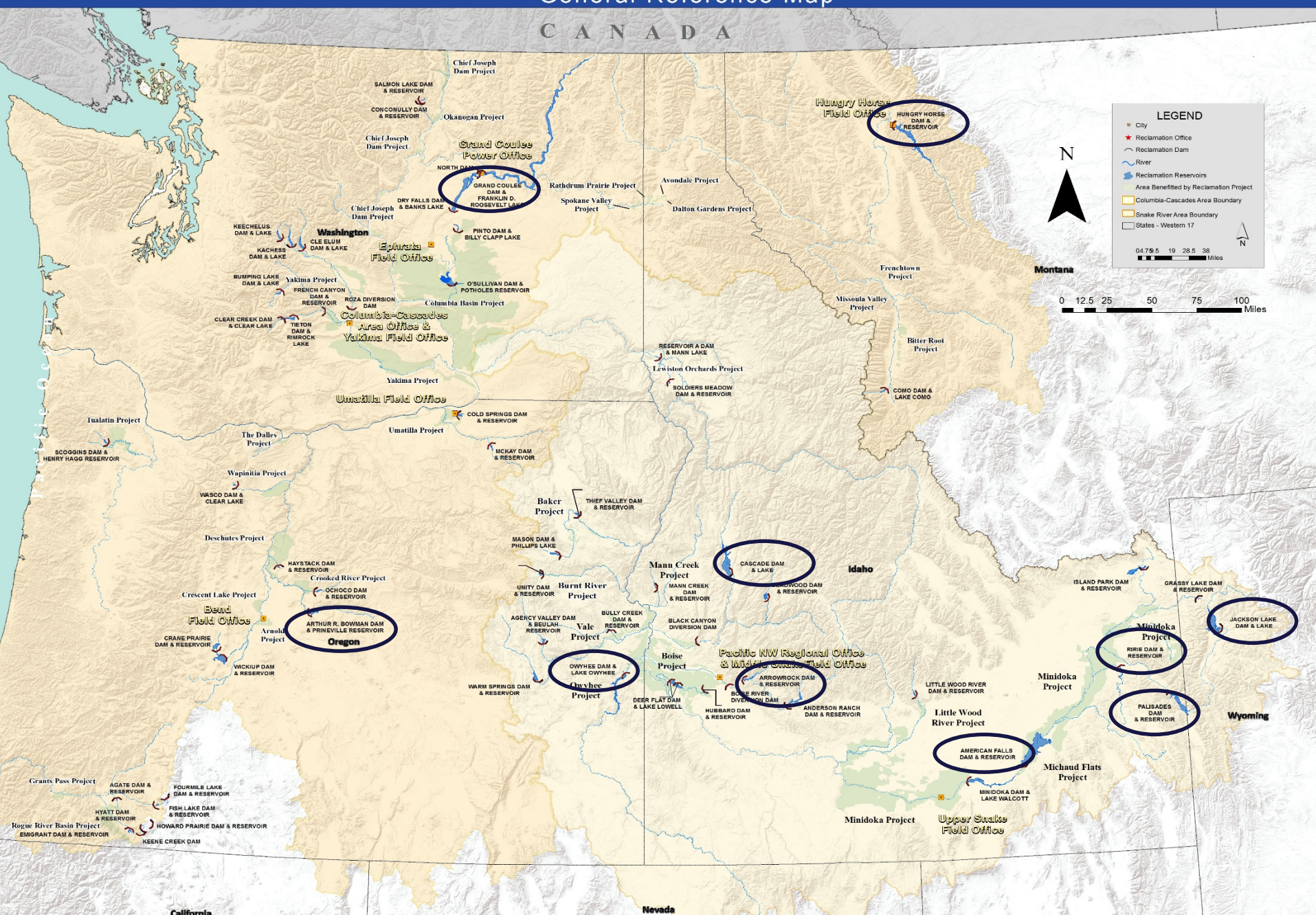
# Update on FY2018 Activities

- \$1.24 million allocated to the BOR PN Region in FY2018
- Funding was incrementally released during the continuing resolution
- Spend plan submitted to BOR Policy office for approval
  - Safeguarding the West commitments
  - State submissions through Western Governor's Association
  - BOR Commissioner's priorities

# Facility Vulnerability Assessments

- Service Agreement with BOR Technical Services Center
- 10 high risk facilities across the Region
- Facility visits from May – September 2018
  - Final reports expected in early FY 2019







# Assistance to CSKT

- Extend operating hours at Hwy 93 inspection station from 12 to 24 hours
- Purchase equipment to enable 24 hour operation
- Dedicated enforcement to prevent drive-bys
- Enhance education/outreach to increase voluntary compliance



# Assistance to Montana

- DNRC - Upper Columbia Conservation Commission
  - Education & Outreach – displays, training/workshops, webpage
  - Monitoring – expand current efforts, develop an annual monitoring plan with standard protocols
  - Response Planning – material to enhance statewide rapid response plan, support response exercises
  - Moored Vessel Pilot – develop and disseminate a marina based outreach program transferable to other areas

# Assistance to Washington

- Recreation and Conservation Office - Washington Invasive Species Council
  - Lake Roosevelt Cooperative Rapid Response Exercise hosted by RCO and WDFW
  - 5-day enhanced exercise in 2019
    - Multi-jurisdictional
    - Incident command
    - Site containment
    - Watercraft inspection / decontamination

# Assistance to Washington

- Department of Fish and Wildlife
  - Early detection monitoring equipment
  - Mussel detection canine and handler training



# Assistance to NPS

- Assistance for microscopy on veliger tows
- Analysis conducted at BOR Water Lab

# 2019 Quagga Funding

- Anticipate approximately \$900K
- Funding strategy not yet determined, but envision something similar to 2018



Hungry Horse Dam, MT

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