Pacific Northwest Economic Region 2015 Annual Summit







Identifying New Funding Sources to Support Water Infrastructure

July 14, 2015

Presented by **Derek Sandison, Director** Washington State Department of Agriculture



Columbia River Basin Water Management (Development) Act - 2006

- Department of Ecology directed to aggressively pursue development of new water supplies for both instream and out-of-stream uses
- Significant investment in new storage and conservation
 - Capital: authorization for bonds of up to \$200 million
- 2/3 of funds for study & construction of new storage & pump exchanges
 - 1/3 of new storage for improving streamflows to benefit fish
 - 2/3 of new storage for new out-of-stream uses
- 1/3 of funds for all other water supply projects
- Legislative reporting on water supply and demand forecasts

Water Supply Development Account Uses

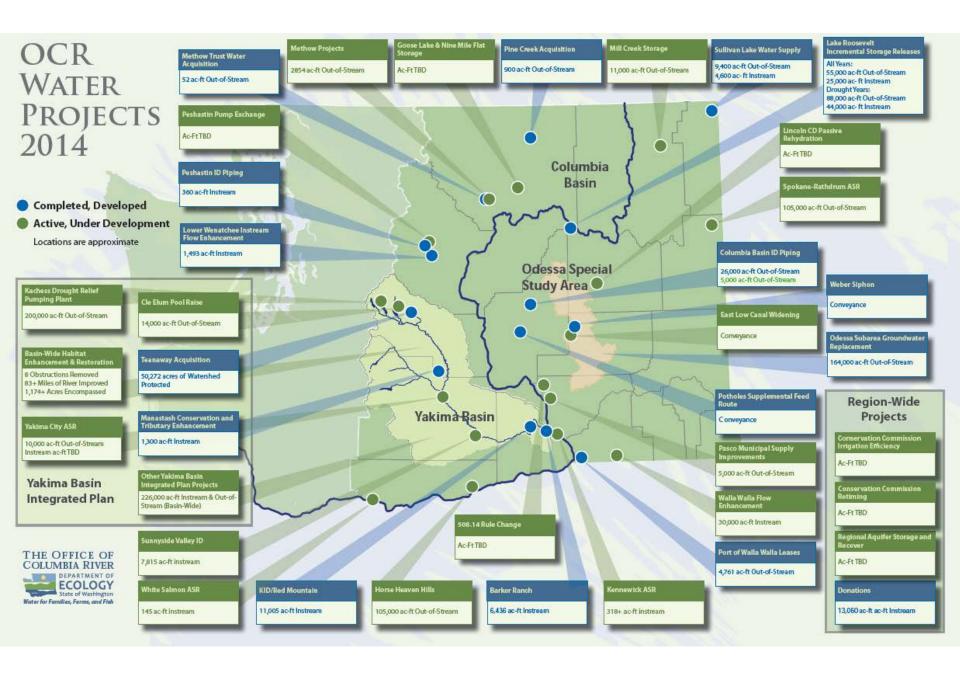


- Assess, plan, and develop new storage
- Improve or alter existing storage facilities
- Implement conservation projects
- Any other actions to provide access to new water supplies (e.g., acquisitions, leases, marketing)

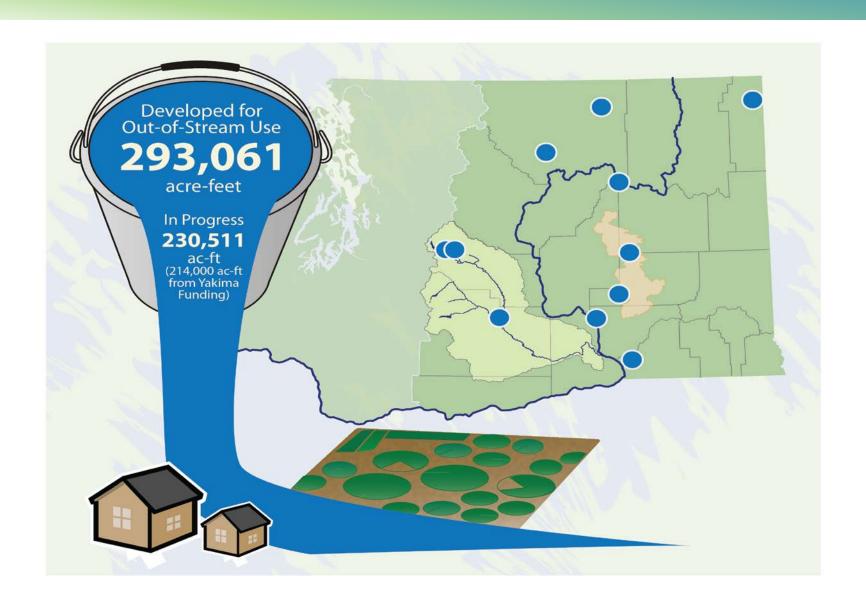
Columbia River Basin Water Management (Development) Act - 2006



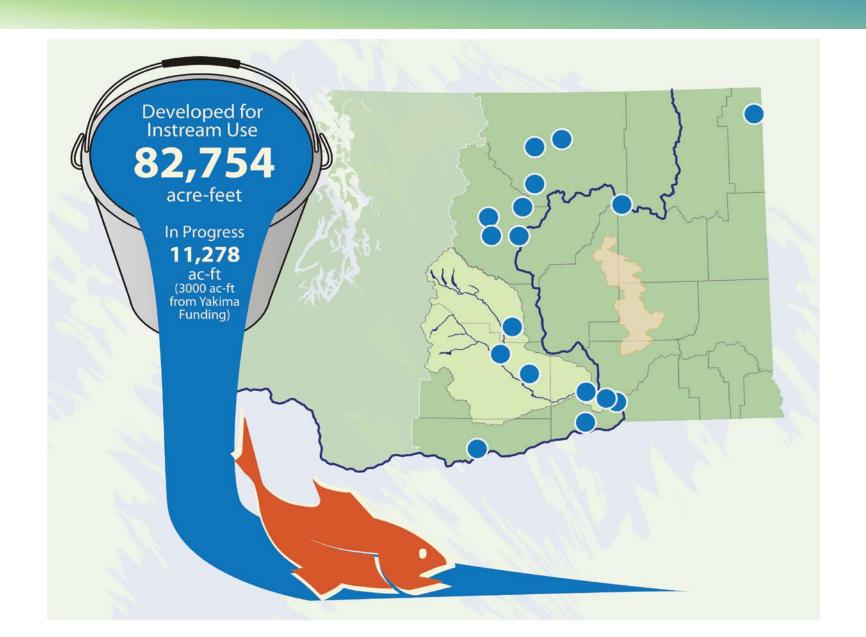
- Alternatives to groundwater for agricultural users in the Odessa subarea aquifer
- Sources of water supply for pending water right applications
- New uninterruptible supply of water for interruptible water right holders
- New municipal, domestic, industrial and irrigation water needs in basin
- Water for instream purposes



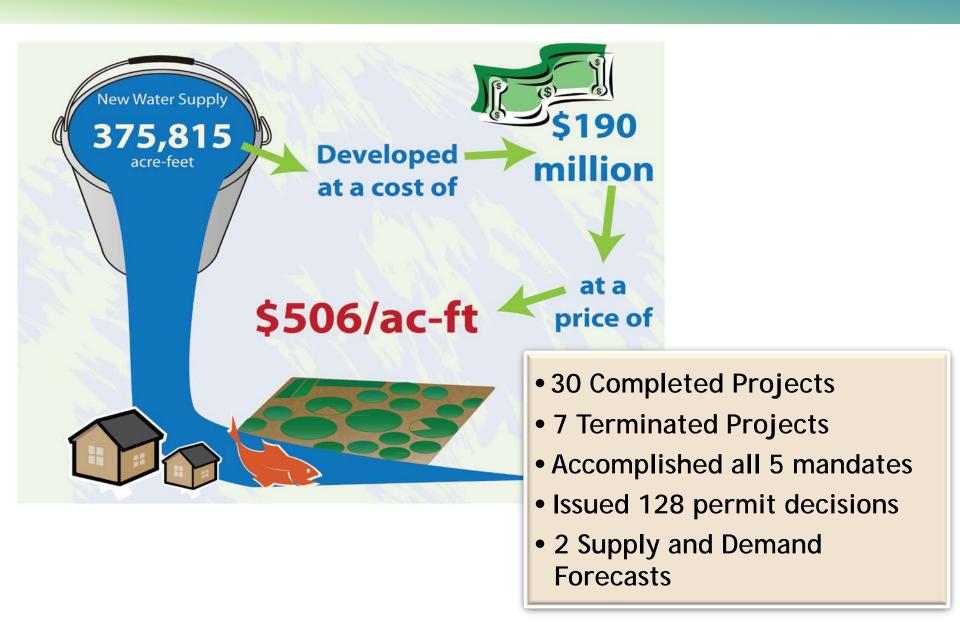
Acre-Feet Out-of-Stream



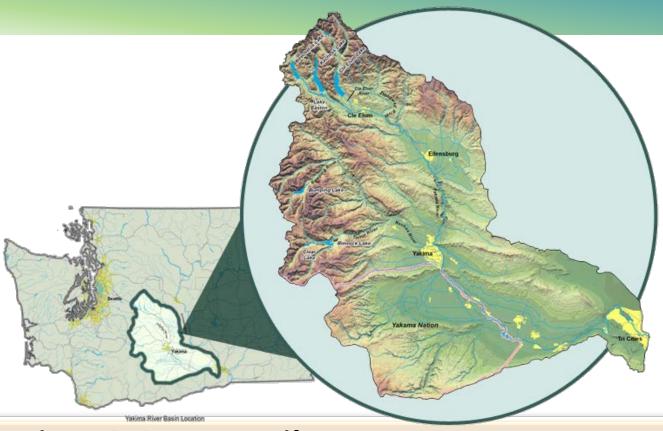
Acre-Feet Instream



Cost Per Acre-Foot



Yakima River Basin Overview



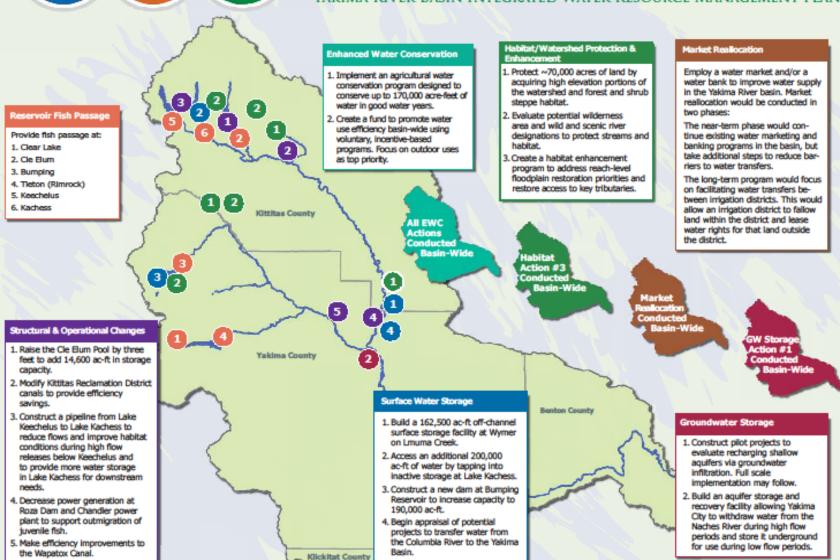
Basin size: 6,155 sq. miles

- Population: 360,000
- \$3.2 billion agriculture economy
- Historically, second only to Snake River in supporting salmon and steelhead runs



BUILDING A FUTURE FOR WATER, WILDLIFE AND WORKING LANDS

YAKIMA RIVER BASIN INTEGRATED WATER RESOURCE MANAGEMENT PLAN



Initial Development Phase

- Addresses first implementation in first 10 years of 30 year plan
- Advances all seven plan elements
- Represents just under 1/3 of estimated plan costs (about \$900M)





Initial Development Phase

- Kachess Drought Relief Pumping Plant (\$205M)
 - Bull Trout Enhancement Plan
- Keechelus-to-Kachess Conveyance (\$159M)
- 3 foot pool raise at Lake Cle Elum (\$18M)
- Cle Elum Reservoir Fish Passage (\$125M)
- Evaluate, design, construct second fish passage facility at Tieton Dam (\$100M)
- Habitat and land acquisitions (\$100M)
- Aquifer Storage and Recovery (\$6M)
- Agricultural Conservation (\$85M)
- Water Marketing (\$0.5M)

Yakima River Basin Water Resource Management Act of 2013 - SSSB 5367



Funding

- State commits to 50% of the cost of Integrated Plan, remaining 50% non-state (federal, local, private)
- Funding ration does not apply to individual projects
- Ecology and State Treasurer prepared a cost estimate and financing plan in December 2014

Yakima River Basin Integrated Water Resource Management Plan Cost Estimate and Financing Plan Legislative Report (December 2014)



Primary State Capital Funding Mechanisms

- Bond sales with debt financing by the legislature
- Establish long-term dedicated revenue stream(s) such as tolls, special taxes, or fees
- Both approaches could involve repayment agreements with end users

Yakima River Basin Integrated Water Resource Management Plan Cost Estimate and Financing Plan Legislative Report (December 2014)



Dedicated Revenue Stream Options

- Local property tax levies
- State public utility tax
- Local sales tax (1/10 percent increase would raise \$7M per year in Yakima Basin counties)
- City utility taxes
- Local improvement districts/utility local improvement districts
- Municipal bonds

Senate Bill 5628 - Stormwater, Flood Control, and Water Supply Infrastructure Funding



Grant Process

- Competitive grant program evaluate and rank
- Recommend to Governor for inclusion in budget
- Legislative appropriation needed
- Projects can be removed but not added
- Project proponents must provide 25% match of the non-federal share of project costs (match includes funds, land, in-kind contributions)

Senate Bill 5628 - Stormwater, Flood Control, and Water Supply Infrastructure Funding



Statewide Special Assessment on Property

- \$35 residential less than or = 1 acre
- \$60 residential >1 acre to 5 acres
- \$90 residential >5 acres
- \$125 non-residential less than or = 1 acre
- \$250 non-residential >1 acre to 5 acres
- \$375 non-residential >5 to 10 acres
- \$500 non-residential >10 acres

West Coast Infrastructure Exchange (WCX)



- Formed by Washington, Oregon, California, and British Columbia
- 501(c) non-profit
- Board of Directors appointed by Governors and Treasurers
- A free resource for public agencies exploring innovative infrastructure options

West Coast Infrastructure Exchange (WCX)



Public-Private Partnerships

- Publically owned
- Privately financed
- Long-term, performance-based relationship
- Risk transfer from public to private sectors

West Coast Infrastructure Exchange (WCX)



Candidate Projects

- \$100+ million in capital costs
- Opportunity for design innovation
- Projects lacking access to traditional public funding or financing sources
- Proponent with stable revenue stream (for example, large irrigation districts)

QUESTIONS?

