PWUA HISTORY

- Constructed in 1896
- Approximately 10 mile gravity fed system
- Average conveyance of water = 15-20 cfs
- Maximum of 700 acres
- 4th largest diversion on Wenatchee
New POD’s on the Columbia

Approximately 7 Miles of pipeline installed

Convey water at a maximum of 7.7 cfs,

Serving 385 total acres

Maintain Priority Date

Long term, low cost-water supply
Construction Challenges

- Mass Excavation
- Coffer Dam
- Fish Screen and Suction Line
- Highway Crossings and siphons (3)
- Constrained work area
- Coordination
Construction
Construction
Construction
Project Facts

- Over 375 acres of irrigation for 107 users
- Less than 10K per year in operation into the future
- OVER 38 cfs protected instream
- 1 channel spanning dam removed
- Another 100 years of water security for the district
- Municipal Water Supply benefits for Wenatchee
- 12 funders, 3.4 million total cost, 2.95 million for construction, or 87%
- 17 permits secured, including, FERC
- Over 40 Jobs created for 6 months
- Constructed on time and within budget.
Other Considerations

- New system electric cost less than collective individual pumping - Save Water = Save Energy
- Return flow increase to the Wenatchee from pumping upriver
- 2013-687.25 AF, change approved 1580, historic ~5000
- The reason why BOR estimates are +/- 30%
- Not all contractors are the same
- Funding Constraints
- Outreach and communication on a large scale