

Tumwater Dam Maintenance Needs and Proposed Public Outreach

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Why we're here today

- History of Tumwater Dam
- Maintenance – Past and Future
- Public Outreach Plan





History

- Tumwater Dam was constructed in 1909 by the Great Northern Railroad
- Leased by Puget Power and Light from 1924-1957
- Power production ceased in 1956 when a rock slide damaged the penstock
- Acquired by Chelan PUD in 1957
- Bonneville Power Administration (BPA) funded reconstruction of the fishway to its modern configuration in 1986

Current Use

- District conducts adult fish collection at the fishway to fulfill hatchery mitigation obligations for the Rocky Reach and Rock Island Habitat Conservation Plans
- The Dam itself is not included in any FERC license, but is regulated by Washington Department of Ecology's Dam Safety Office



Tumwater Fishway Current Users

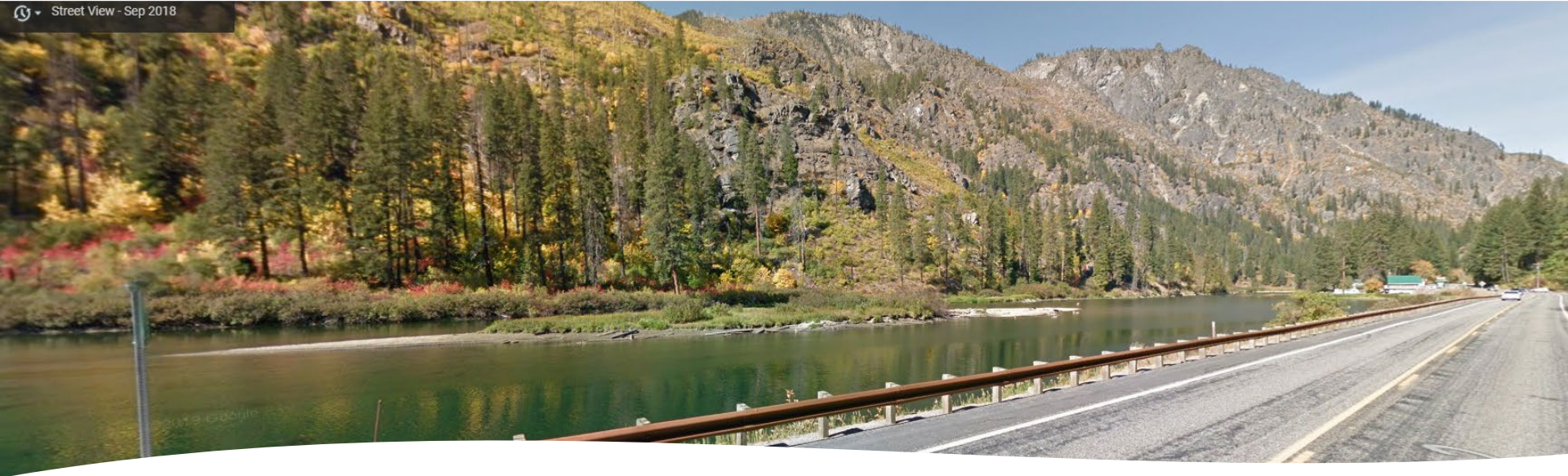
Entity	Activity	Stock
Chelan PUD	Broodstock collection	Spring Chinook, Steelhead, summer Chinook
Grant PUD	Broodstock collection	Spring Chinook, Summer Chinook
Yakama Nation	Broodstock collection	Coho
USFWS	Stray hatchery fish management	Spring Chinook
WDFW	Adult hatchery fish management	Spring Chinook, Steelhead



Past and Future Maintenance

- Fishway foundation maintenance (Complete 2021)
- Dam apron maintenance (2023)
 - Needed given condition of dam's protective apron; continue annual monitoring in the meantime
 - Necessary to continue to meet dam stability criteria under Department of Ecology regulations
 - Cost estimate \$2.5M-\$4M
 - Requires U.S. Army Corps permit including consultation with US Fish and Wildlife Service (USFWS) and National Marine Fisheries Service under the Endangered Species Act (ESA)
 - Permit application submitted in early February





Proposed Public Outreach

- Desire to understand customer-owner perspectives on long-term maintenance of Tumwater Dam (beyond imminent maintenance needs)
- Public outreach meeting in May or June in Leavenworth
 - Facility users
 - General public
- Combination of open house to solicit input from customer-owners and 2-3 questions in online survey
- Additional information can be found on www.ChelanPUD.org

Questions?

