

#### Willamette - River Forest Confluence Project

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The Lower Willamette Restoration Strategy is a strategy of four Watershed Councils and multiple public agencies to restore all the confluences and the one side channel in the Lower Willamette.

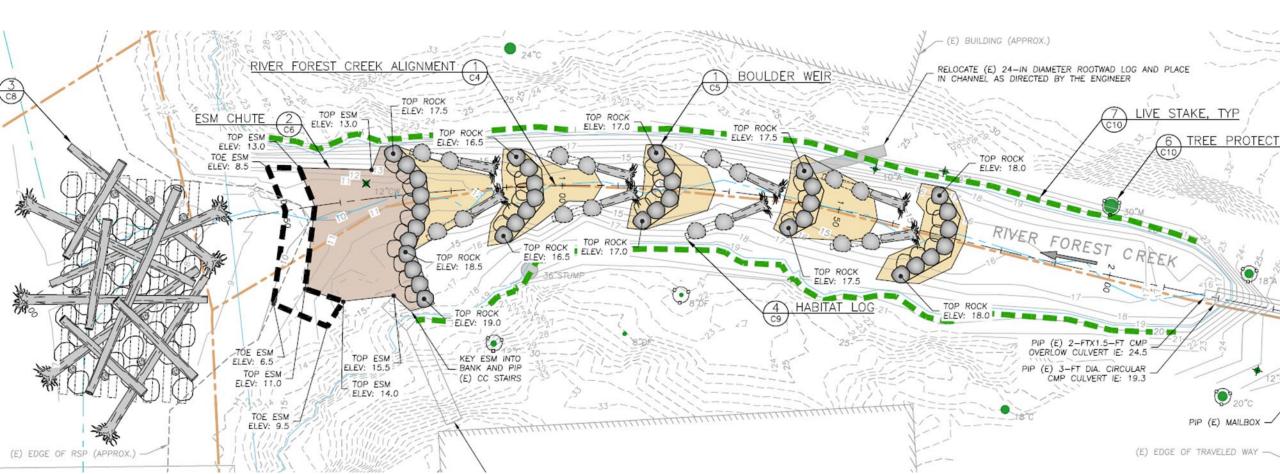
#### Ecological uplift:

- Rearing and migratory habitat
- Cold water refugia
- Upper Willamette Steelhead & Chinook
- Lower Columbia Steelhead, Coho, & Chinook

Priority strategy in multiple plans: DEQ, USGS, ODFW, BPA, Clackamas Partnership, North Clackamas Watershed Action Plan, NPPC, Oregon Conservation Strategy, Upper Willamette Conservation & Recovery Plan

### Purpose

Create spring and winter high flow rearing habitat for Chinook, coho, & steelhead juveniles.



This Boat Ramp Is Temporarily Closed For A Watershed Restoration Project



Boat ramp will be closed for construction staging during the months of August and September 2024

We appreciate your patience while we work to restore historic salmon habitat in the Willamette River.

Alternate river access points located at Cedar Oak Boat Ramp, Meldrum Bar Boat Ramp, Milwaukie Bay Park, and Willamette Park.

Want to learn more? Scan the QR Code for information on this project and ways you can get involved in watershed health.





RESTORING OUR STREAMS FOR FISH, WILDLIFE, AND PEOPLE

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#### Fish Salvage on August 28th





Weirs with habitat logs under construction





Engineered streambed material and roughened channel.





Complex log jam at the confluence



Construction done. Planting still to be complete:

- Willow stakes were installed during construction and banks were hydroseeded with native grass
- Shrubs and trees will be planted this winter

## Total Cost: \$545,769

- Meyer Memorial Trust: \$200,000
- Oregon Watershed Enhancement Board: \$239,300
- Oregon Department of State Lands: \$77,111
- Spirit Mountain Community Fund: \$10,000
- Oak Lodge Water Services (Revegetation): \$21,000 (inc. SEP)

# Challenges

- Complex Willamette River hydraulics and tidal flows
- Permitting timelines
- Landowner relations
- Multiple funding sources to account for construction inflation
- People management during construction

## Keys to Success & Future Projects

- Move to a 3 year project management cycle to allow for permitting timelines and outreach
- Storytelling to show ecological uplift, especially for hard-to-access projects
- Intensive people management

#### Next up:

- Elk Rock Island Side Channel (2026)
- Willamette River Boardman Creek Confluence (new landowners)
- Boardman Arista Floodplain Alternatives (OLWS/CCDTD)