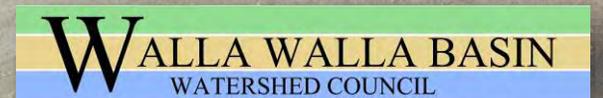
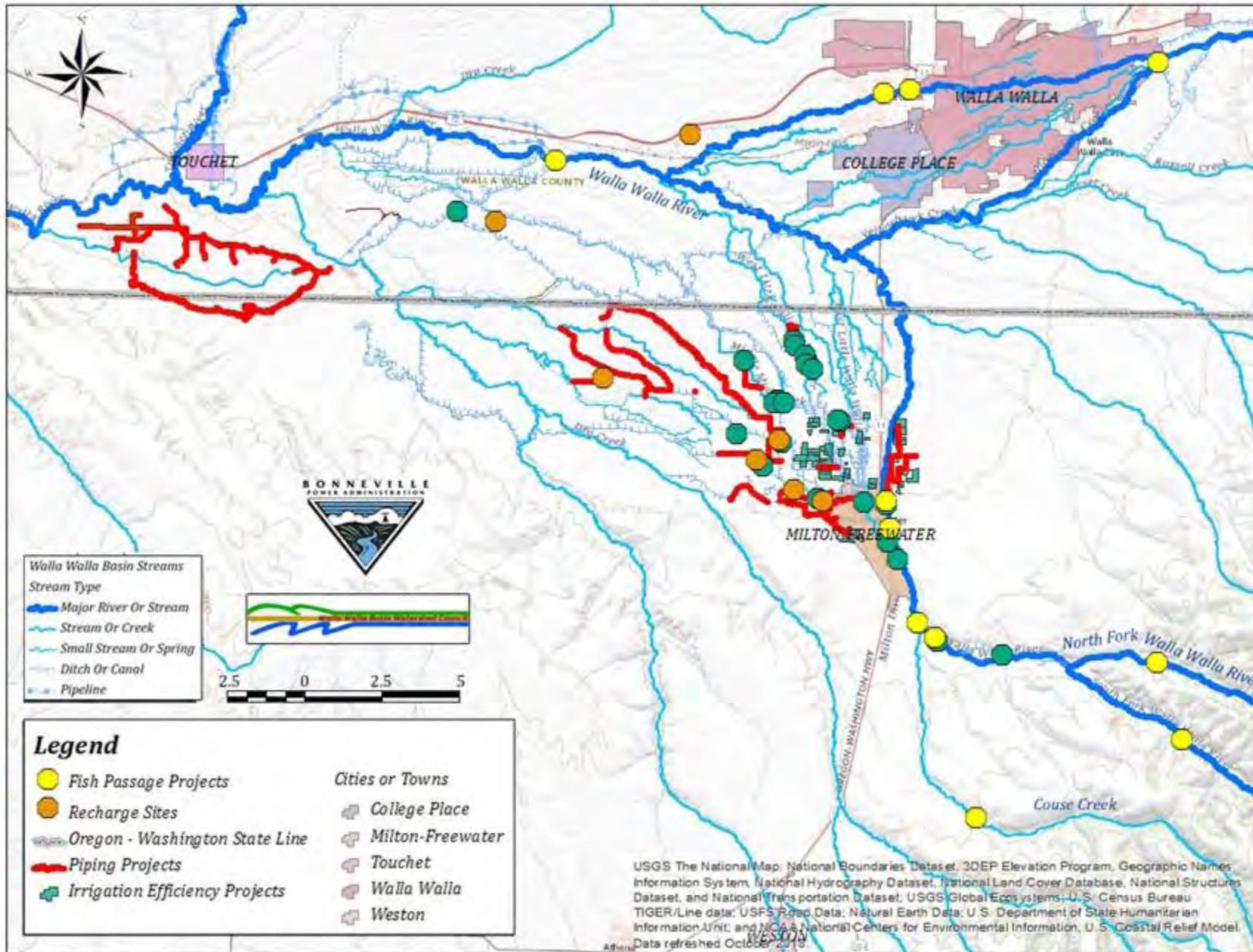


Walla Walla Basin Watershed Council

Umatilla County Commissioners Update
1/18/2023

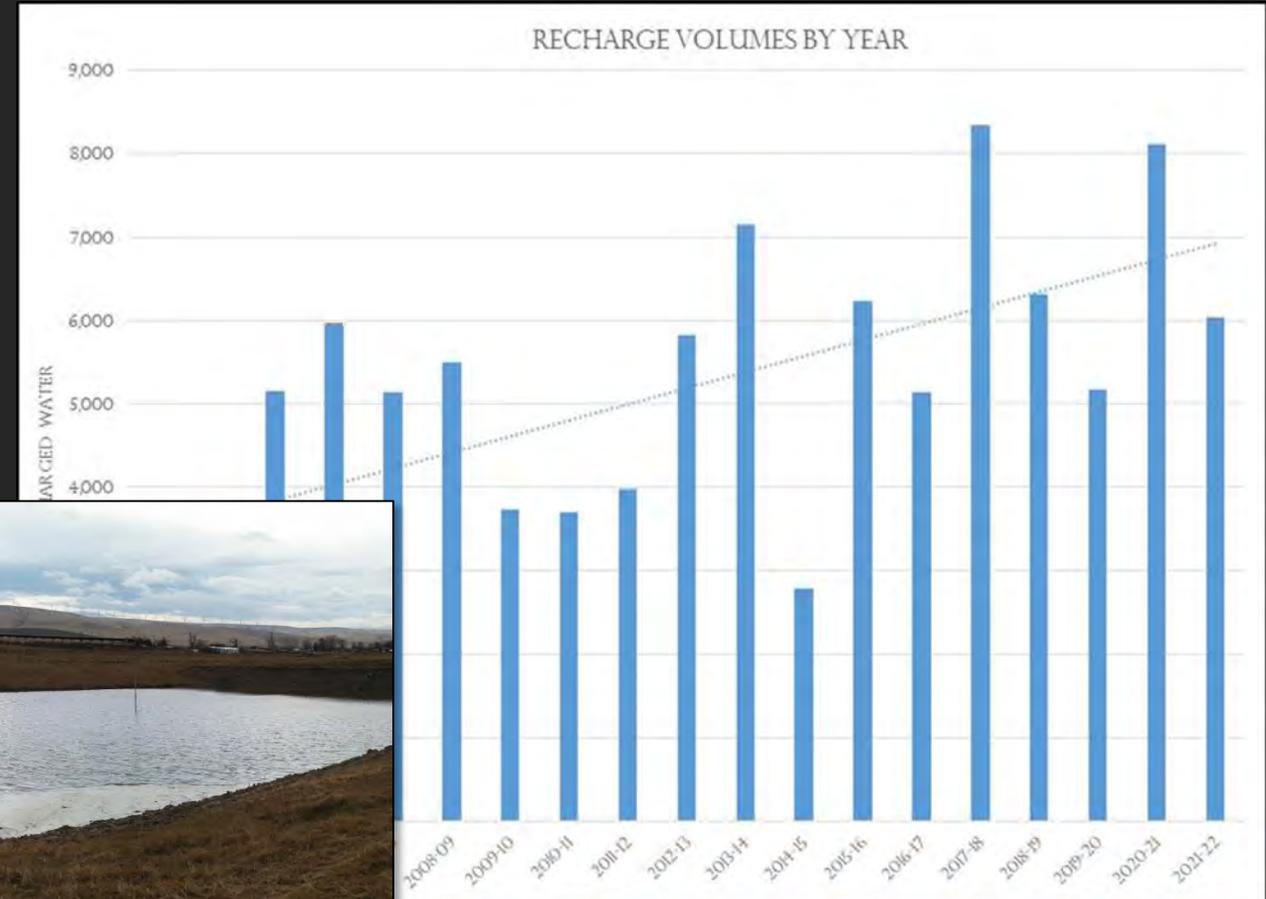


Walla Walla Basin-wide Tributary Passage and Flow Completed projects to date



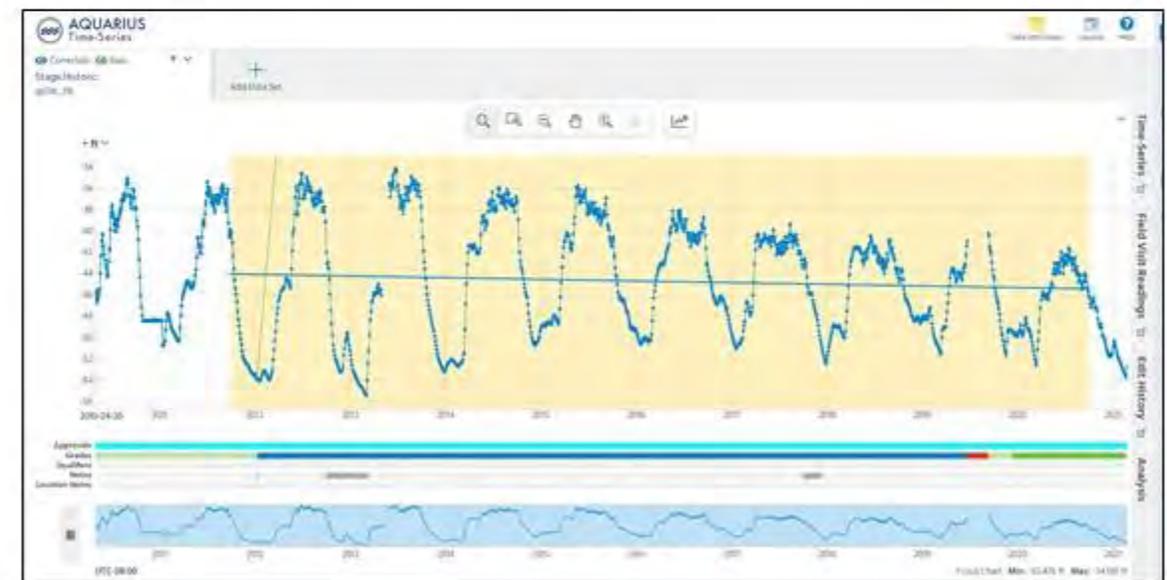
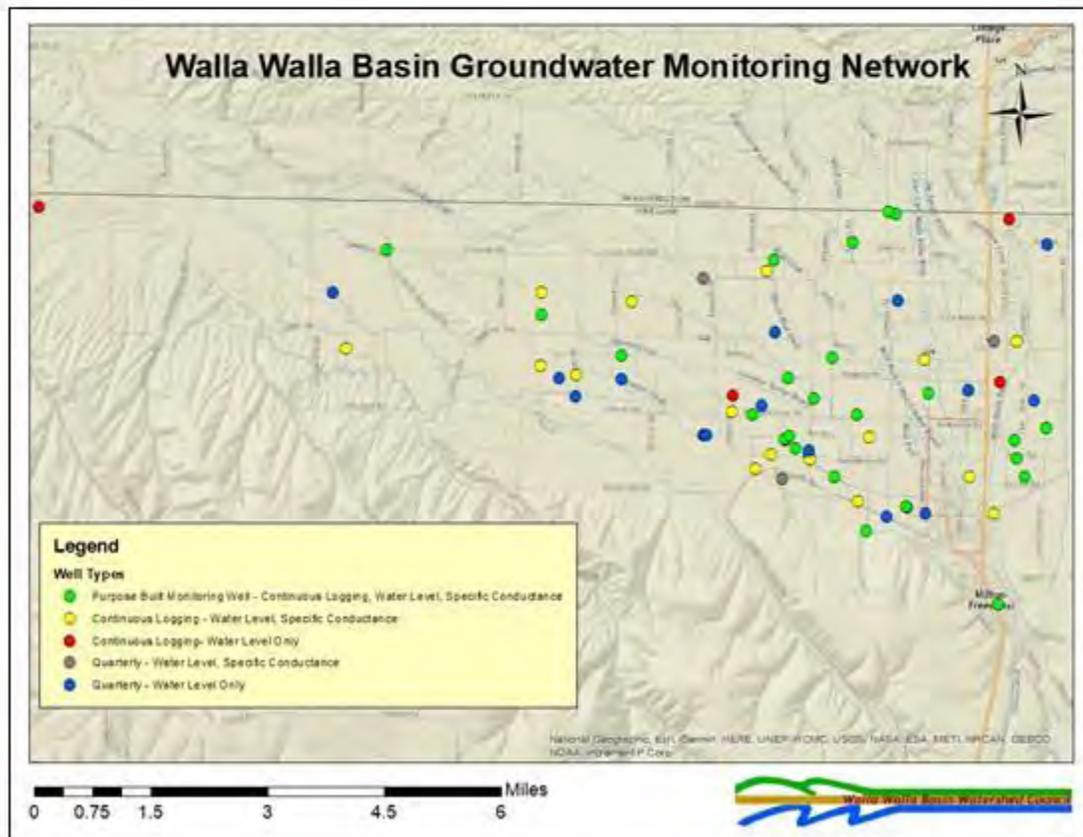
2022 Managed Aquifer Recharge Operation

- In 2023 **6,036** acre/ft recharged into the gravel aquifer
- Funded locally through donations

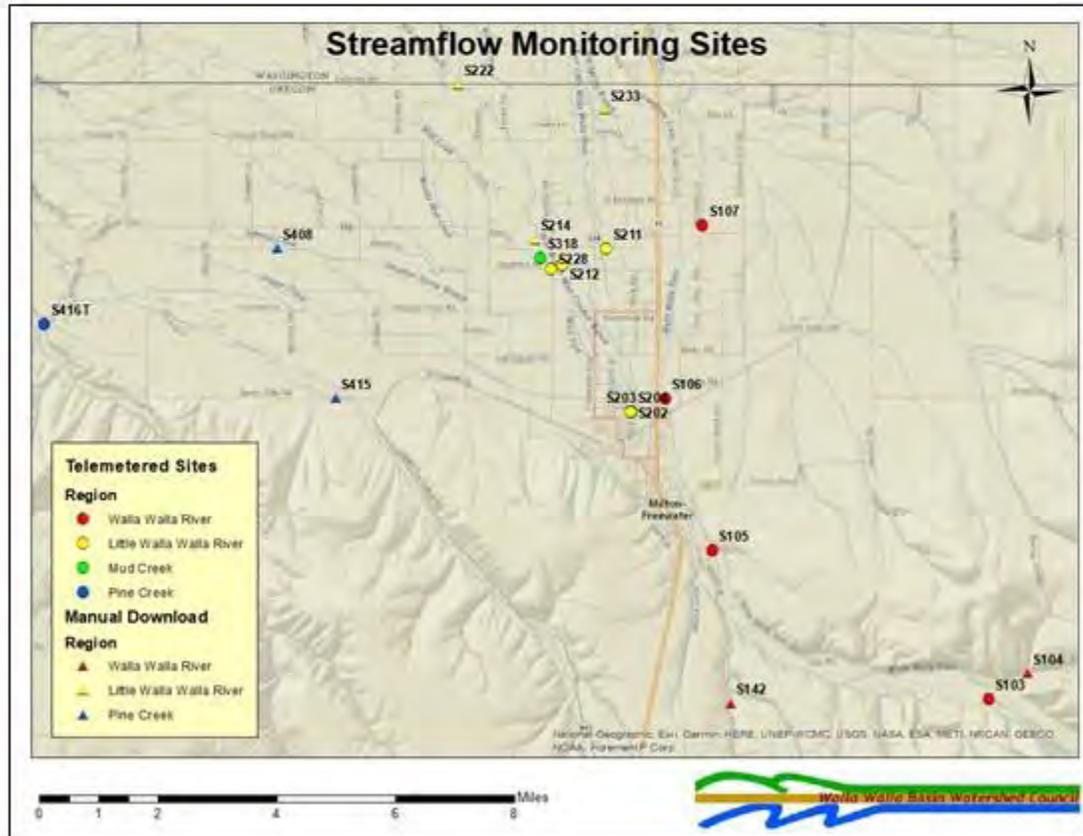


To date the program has recharged **98,595** acre/ft into the gravel aquifer

Groundwater Monitoring



Surface Flow Monitoring



Couse Creek at Blue Mountain Station Fish Passage Project

Final Impediment - Passage to 10 Miles Critical Habitat



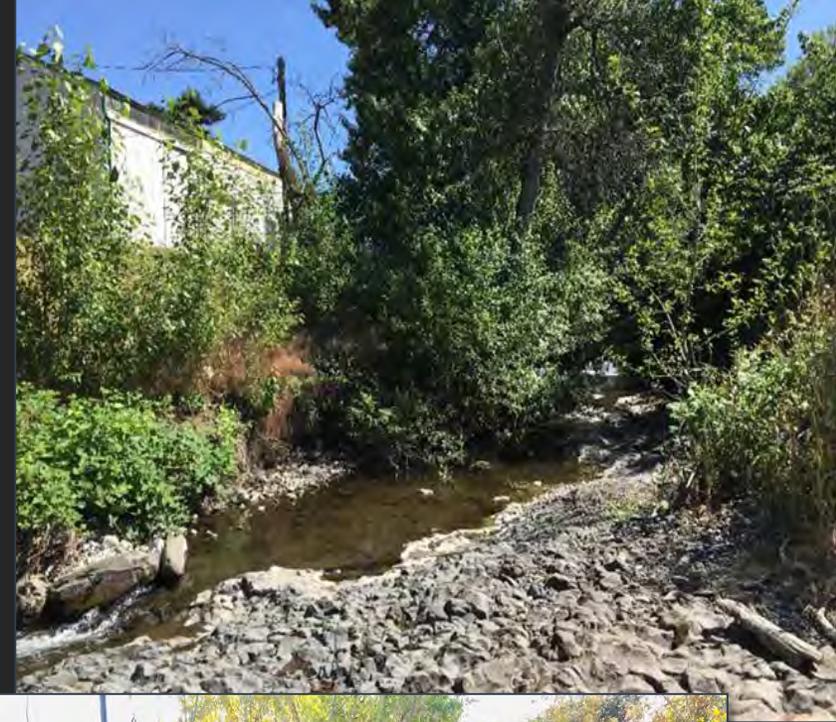
Passage Barrier



Stream conditions above the barrier

Couse Creek @ Blue Mountain Station Fish Passage Project

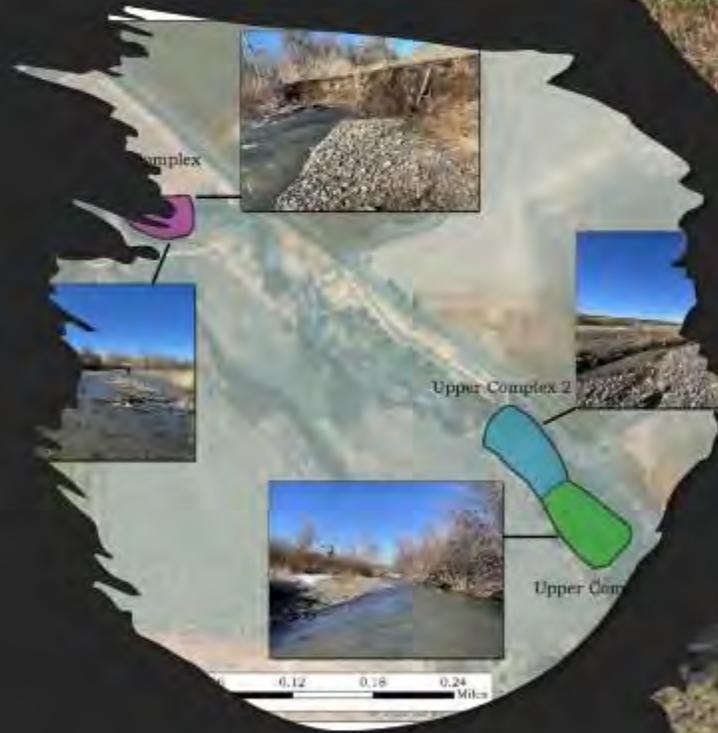
- 🐟 Final fish passage barrier to upper Couse Creek removed.
 - 🌿 Opening 10 miles of habitat to ESA threatened species.
- 🐟 Stream channel alterations completed.
 - 🌿 Improved complexity, proper form and slope, etc.
- 🐟 Subsequent plantings of riparian and complementary vegetation, including native grass seed.

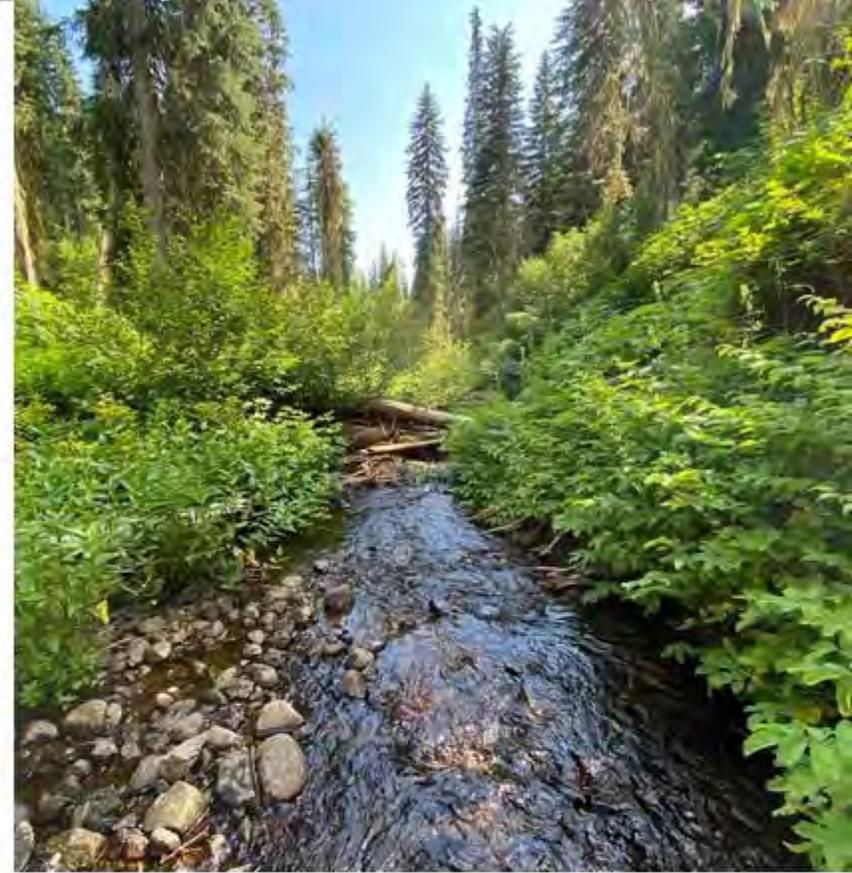
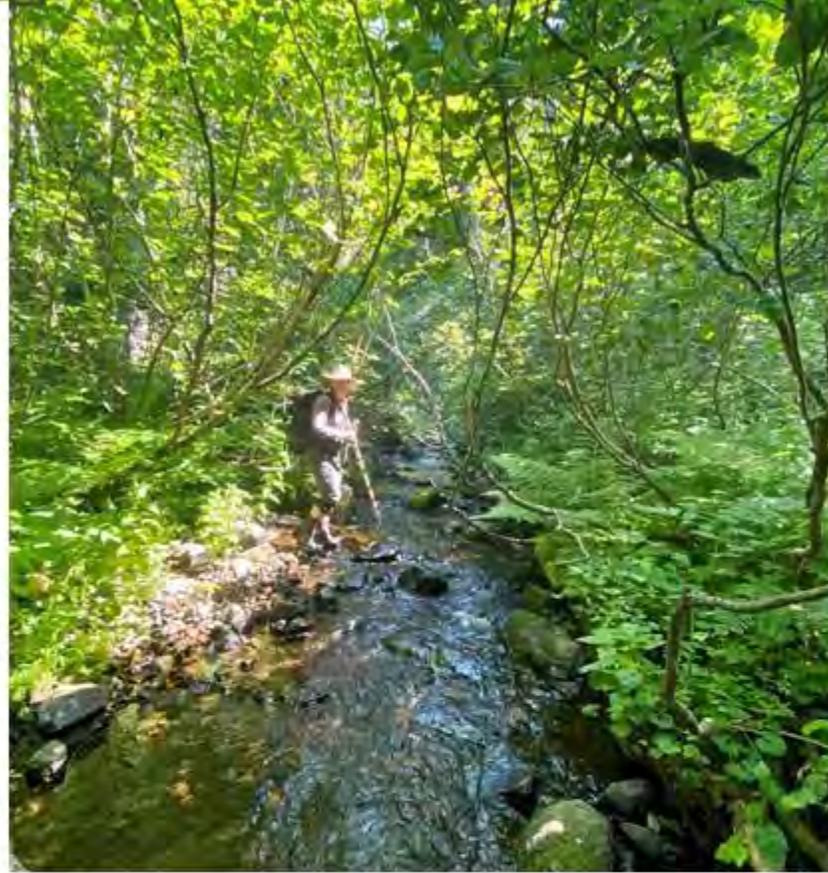


Couse Creek Project

Floodplain and Aquatic Habitat Restoration

- Low-tech treatment of 6 River Miles , PALS / Analogs
- Steelhead spawning and rearing
- Low and intermittent summer flow
- High water temperature
- Low channel complexity

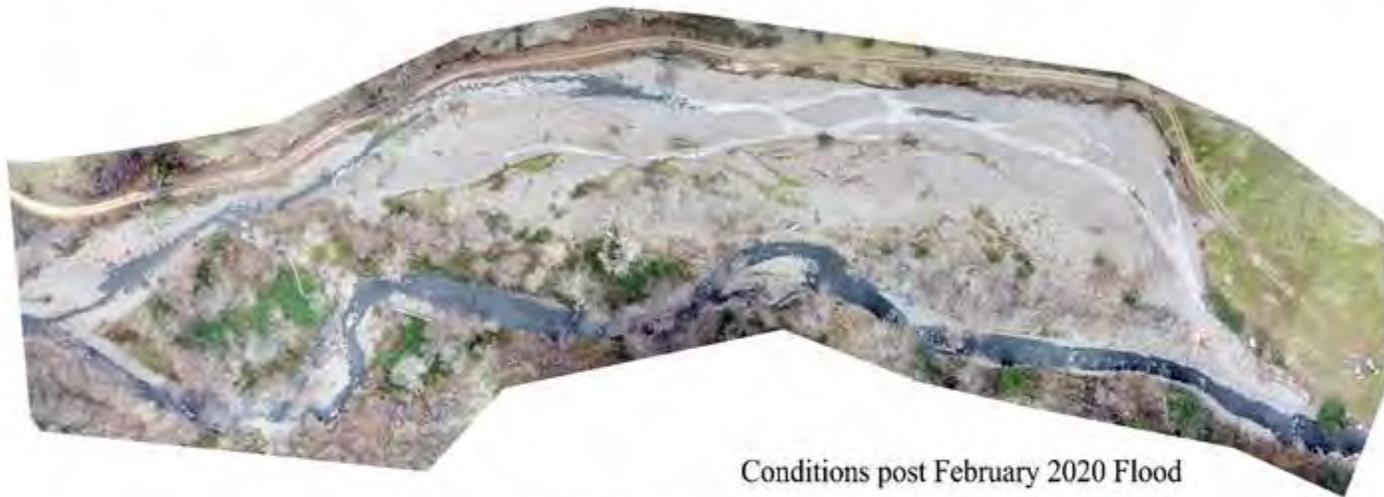




Walla Walla River Habitat Assessment

North Fork Walla Walla River Project

North Fork Walla Walla River (RM 5.3)



Conditions post February 2020 Flood



Conditions prior to the February 2020 Flood

- Stage Zero Opportunity, Reference Reach, Desired Outcome
- Restore Proper Channel Form & Riverine Processes, Floodplain
- Arrest Down-cutting Incision, Sheer Stress, Erosion, Turbidity



Conditions above project reach

NF Walla Walla River Base Flow Spring Protection- Culverts

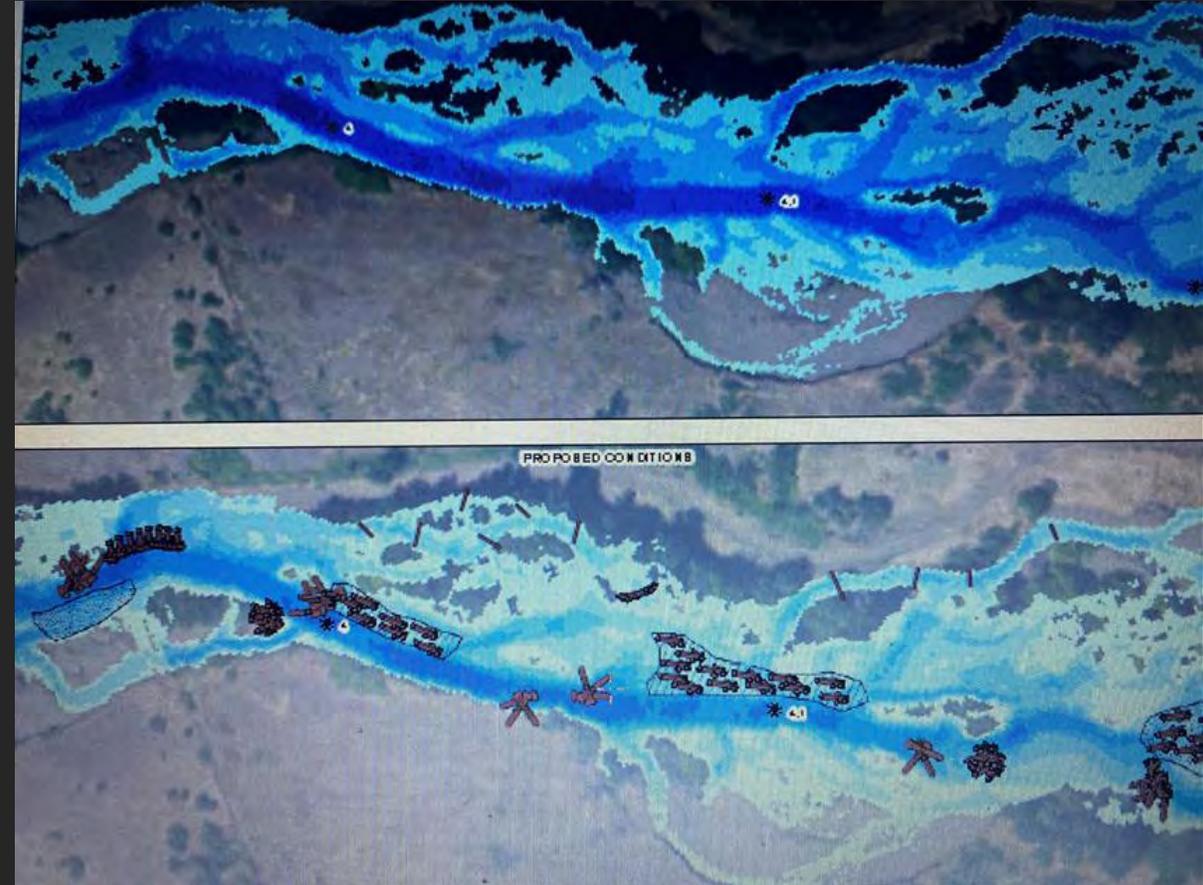


- Designs were approved by all entities at 100% in September.
- Construction was conducted in the late summer and fall.
- Project will be complemented by restoration activity in the adjacent river miles.
- Funding provide by OWEB and BPA

Project timeline: April 2022 – November 2024

NF Walla Walla River RM 4-8 Restoration Design Project

- Designs have progressed to 80% review over the year.
- December 7th a tour was held for construction firms to compile bids.
- Construction is scheduled to take place between the months of July and September in 2023.



Project timeline: April 2022- June 2024



North Fork Walla Walla River Effectiveness Monitoring

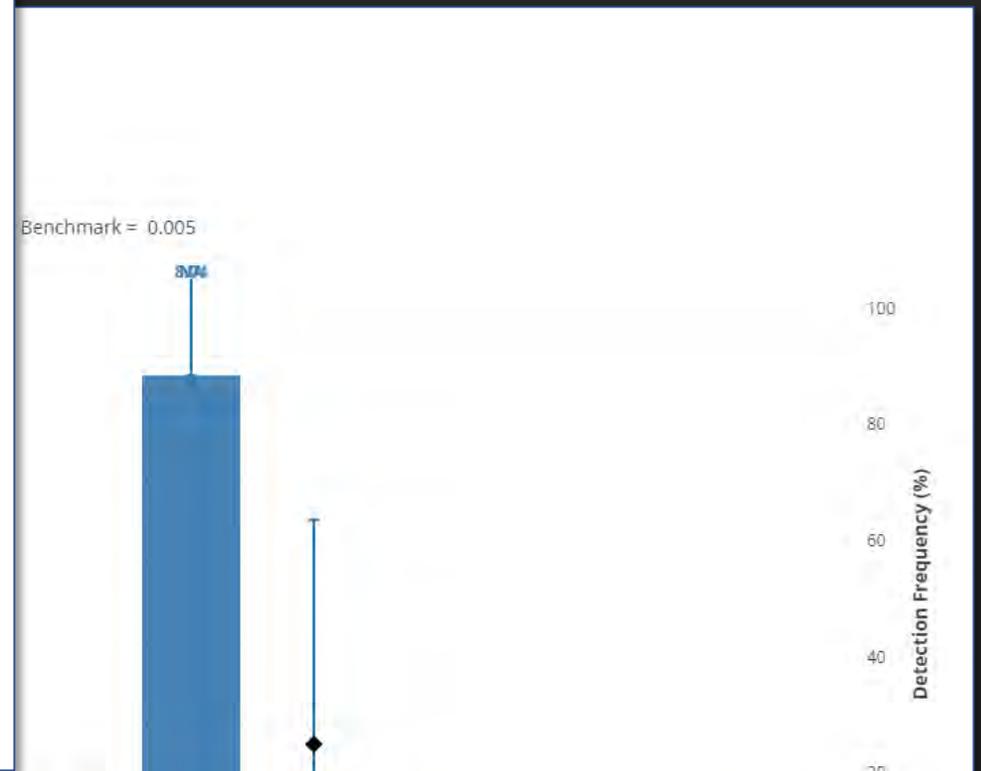
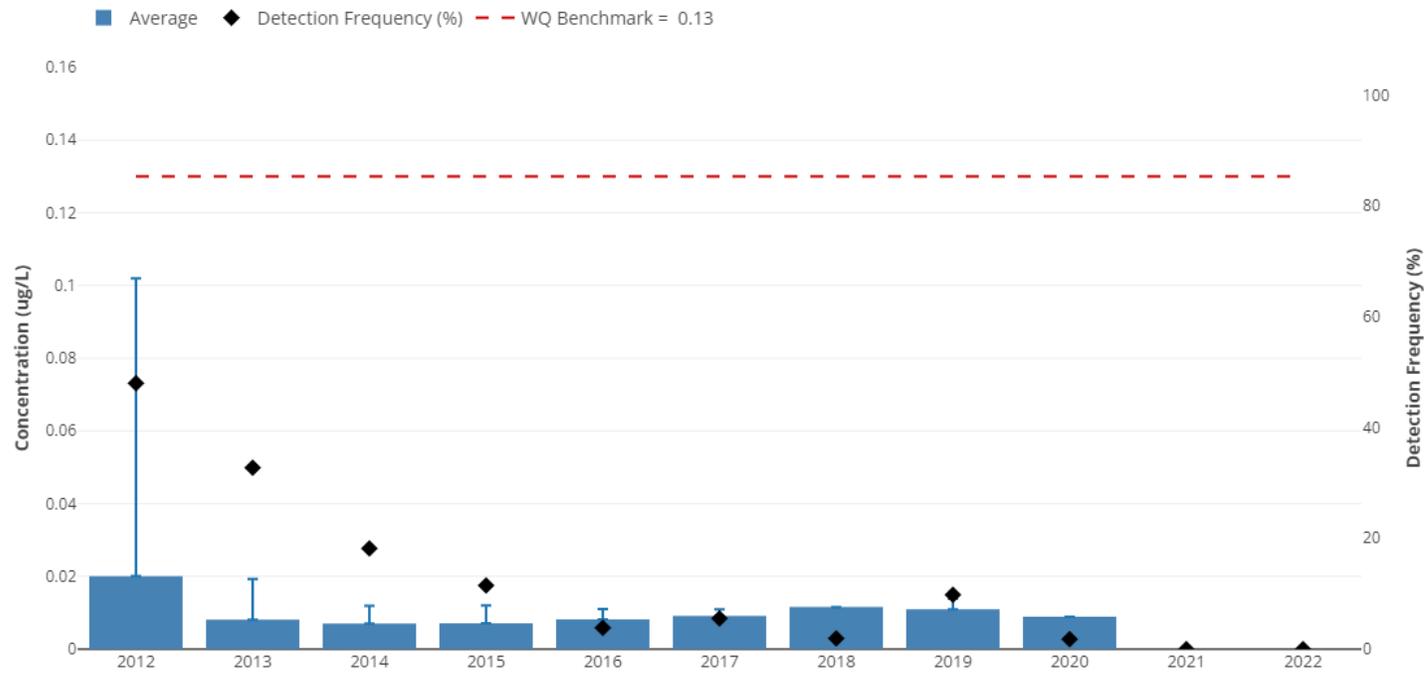
Funding: OWEB, BPA

Walla Walla Basin Pesticide Stewardship Partnership Project



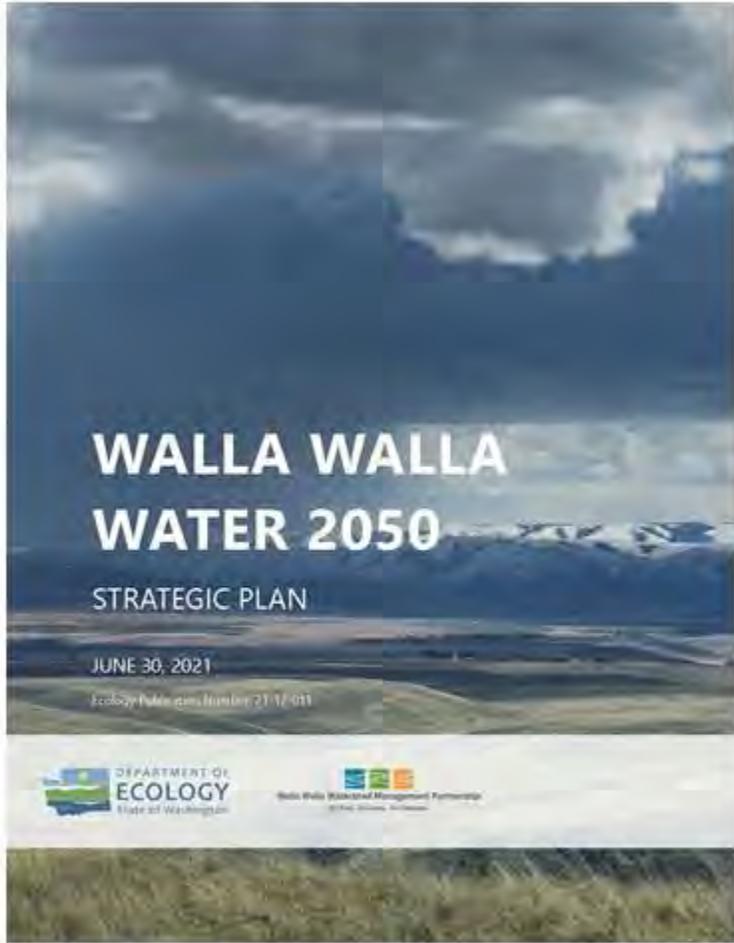
Seasonal Monitoring and the PSP Strategic Plan

Chlorpyrifos



Diuron

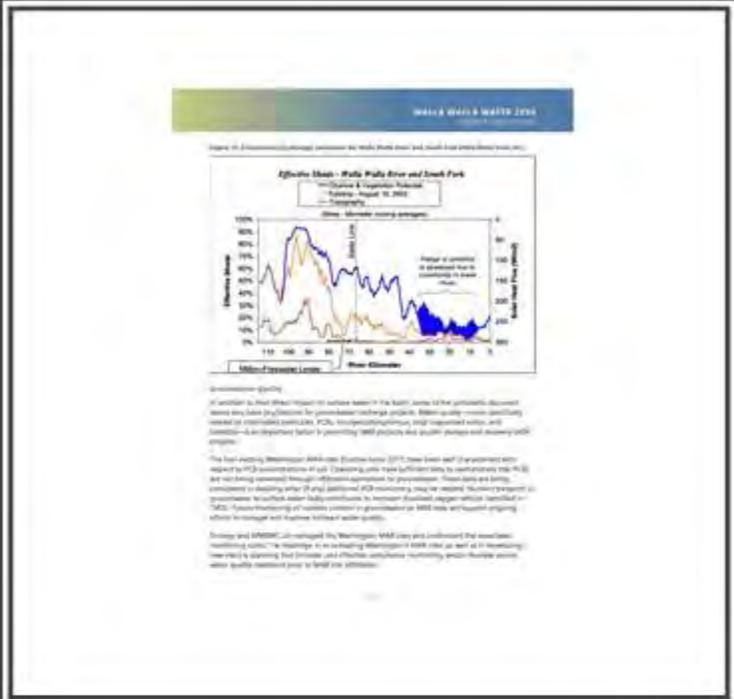




WALLA WALLA WATER 2050
Ecology Publication

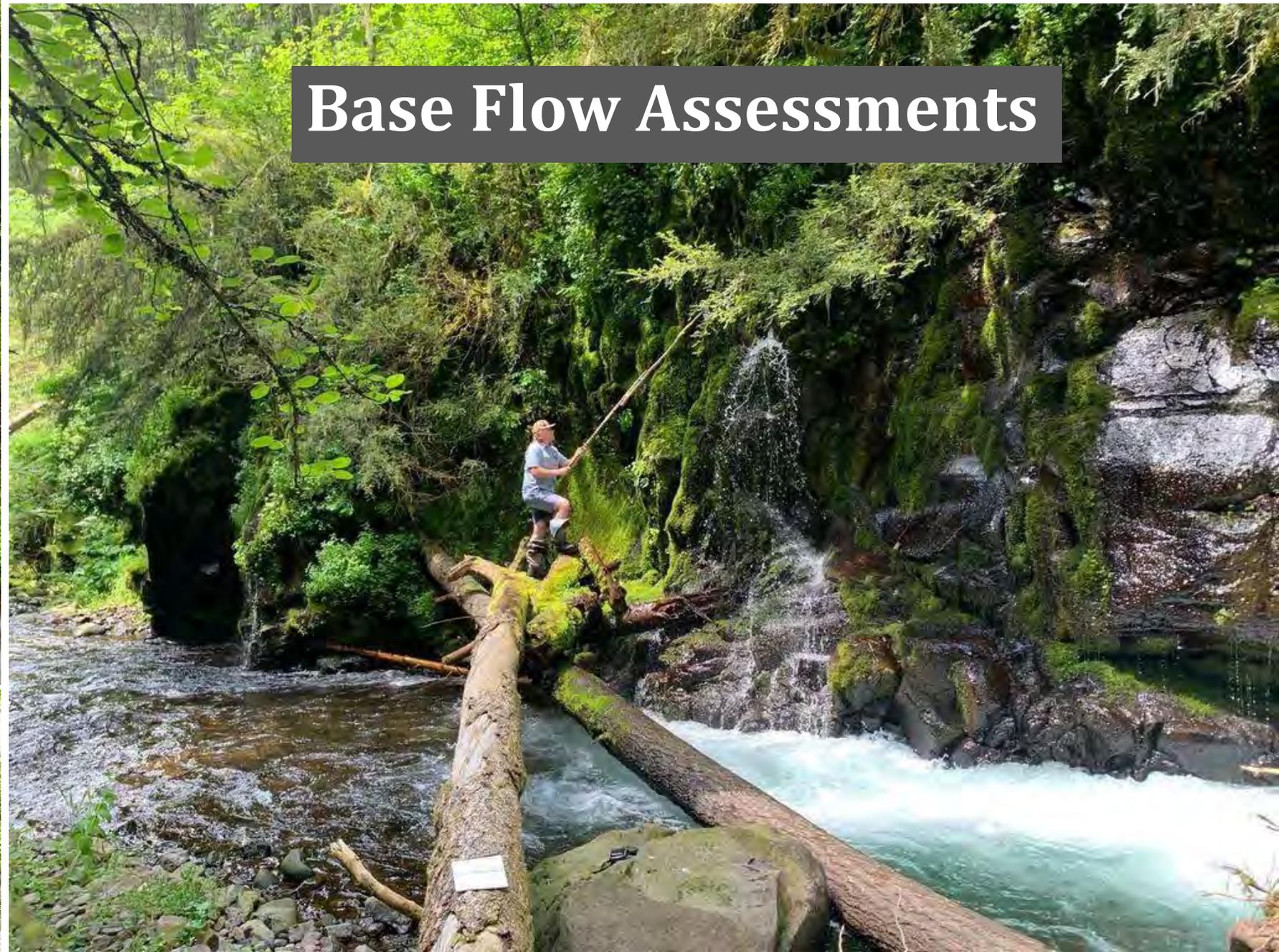
Table 2. The 18 Implementation Goals described in order of priority of desired future conditions.

Goal #	Goal Description	Priority	Goal	Priority	Goal	Goal	Goal	Goal	Goal
141	Restoration of riparian areas within the... ...to provide habitat for... ...and... ...	High	High	High	High	High	High	High	High
142	Support the ongoing... ...of... ...and... ...	High	High	High	High	High	High	High	High
143	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
144	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
145	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
146	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
147	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
148	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
149	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
150	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
151	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
152	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
153	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
154	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
155	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
156	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
157	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
158	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
159	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High
160	Support the... ...of... ...and... ...	High	High	High	High	High	High	High	High



Walla Walla Water 2050 Strategic Plan

Holistically address the basin's longstanding struggle to balance instream and out-of-stream uses and future demand to ensure enough water for fish, farms, and people.



Base Flow Assessments

Project timeline: March 2021-May 2023

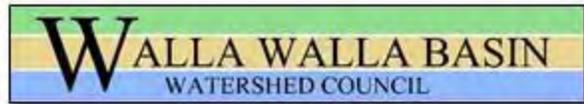
Walla Walla Basin Stakeholder Engagement

- On August 16, 2022, 4 landowners/ reps joined a tour with staff and engineers on the North Fork discussing the 30% design to inform 80% design.
- M-F Chamber Downtown Alliance featured us in their August business spotlight.
- Salmon in the Classroom released 200-300 juvenile fish this year.



Community Participation and Outreach





Blue Mountain
Community
Foundation

Bonneville
POWER ADMINISTRATION



State of Oregon
Department of
Environmental
DEQ Quality



OREGON
WATERSHED
ENHANCEMENT BOARD



OREGON
DEPARTMENT OF
AGRICULTURE



Success



Through Collaboration

And private partners, who can be found listed on our website.