

Newaukum Restoration

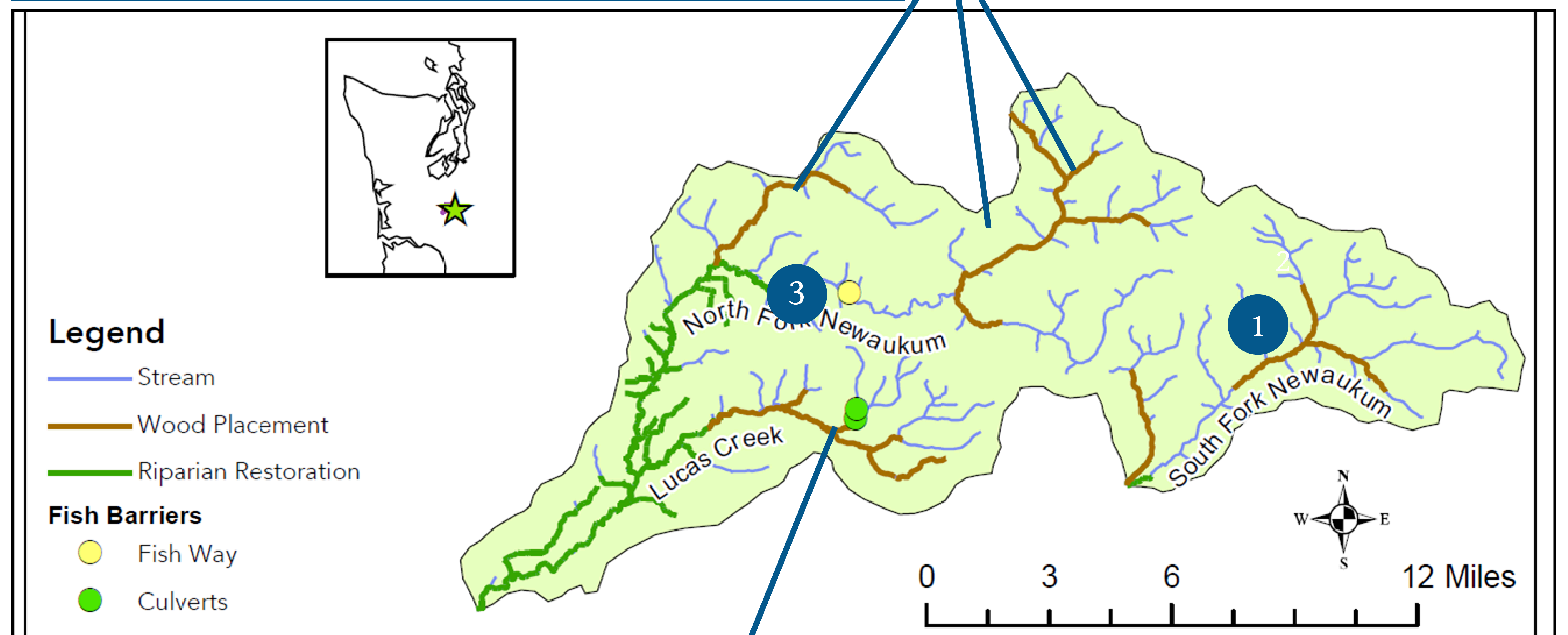
Trout Unlimited



Newaukum River Headwaters Prioritized Restoration Plan

The Newaukum (PWR) is a coordinated, watershed scale plan to create meaningful results for salmon. The planning process, conducted by the Newaukum Subcommittee to the Chehalis Basin Lead Entity with technical support provided by the Coast Salmon Partnership, included using GIS to find locations best suited to reverse process degradation. This data guided location selection to do assessment for wood placement, riparian enhancement and barrier correction, with a target of restoring 20% of the watershed to achieve a measurable fish response (Roni et. al 2010). Assessment work currently sponsored by Trout Unlimited is now guiding reach prioritization to implement restoration actions.

Newaukum Headwaters Wood Placement Assessment Trout Unlimited



N. Fork Newaukum Fishway Trout Unlimited



Fish ladder may cause juvenile passage issues

City of Chehalis water operations affected by low flows at intake.

These actions will benefit:



Lucas Creek MP 4.39
Fish Passage
Lewis County
Funded & Constructed!
Summer 2024 with FBRB and SRFB\$



Bernier Creek Wood Placement
Trout Unlimited

Next Steps

The Newaukum PWR recommends further assessment and restoration of riparian areas highlighted in Green, above. This is waiting on willing landowners. The PWR also includes an outreach plan to build continued support for protection and stewardship actions

Project Name

Status

Budget

River Miles & Acres

1 Bernier Creek Wood Placement	Design	\$550,509 (\$200,778 ASRP)	1-2 miles
2 Newaukum Headwaters Wood Placement Assessment	Design	\$312,811 (\$112,811 ASRP)	19 miles
3 N. Fork Newaukum Fishway	Design	\$503,873	TBD miles

Project Name

BDAS/ PALS

Remove Barriers

Planting/ Invasive Control

Water Temp

1 2

1 2

Side Channel Habitat

1 2

1 2

Floodplain Connection

1 2

Habitat Diversity

1 2

3

1 2

Sediment Storage

1 2

Summer Low Flow

1 2

3

2025

2026

2027

Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4

1

2

3

Design

Construction