HABITAT RESTORATION HIGHLIGHTS

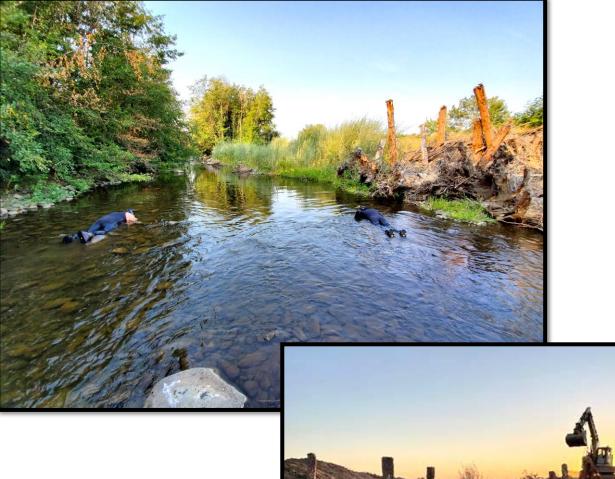
Shawna Warehime

Yakama Reservation Watersheds Project



Scope of Work

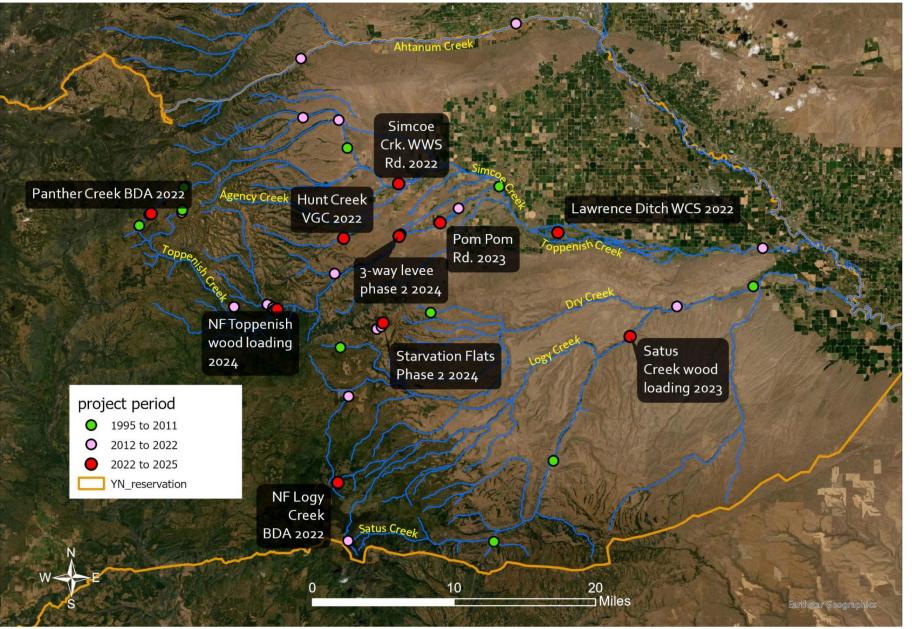
- Project scale has grown for YRWP
- Range: Beaver Dam Analogues to large bridges
- Selection Criteria: creek / habitat assessments
 - Ranking of priority reaches
 - Reassessing those priority reaches
 - 5 year and 10 year plans
- Learning from previous restoration phases to improve restoration efforts



Objectives / Goals

- Mission Statement: To honor, protect, and restore culturally important fish populations and their habitats throughout the Zone of influence of the Yakama Nation and to protect the rights of Yakama Nation members to utilize these resources as reserved by them in the Treaty of 1855
- Site specific goals and objectives

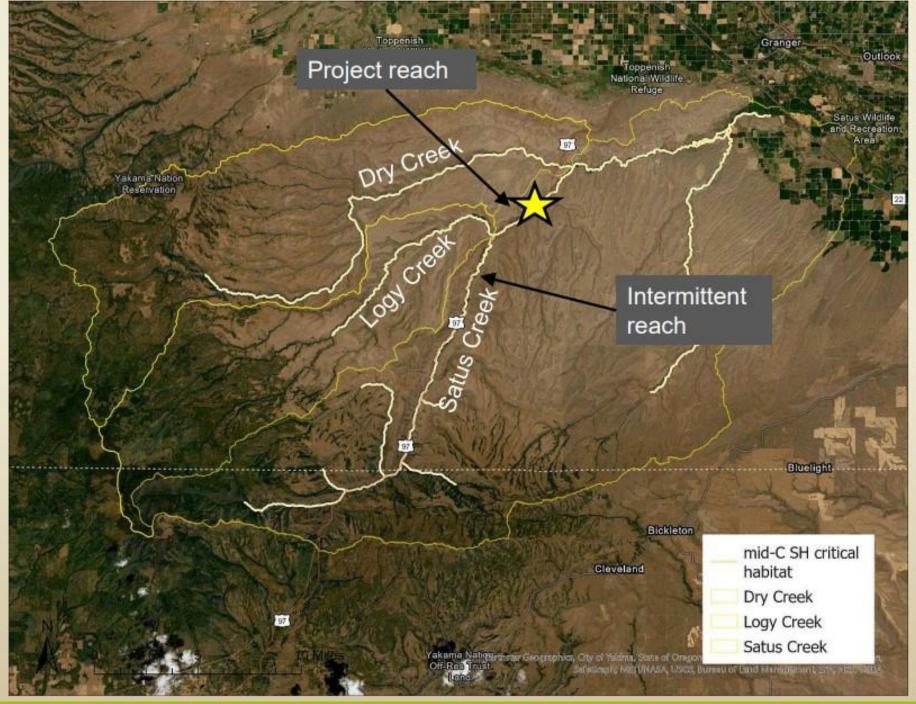


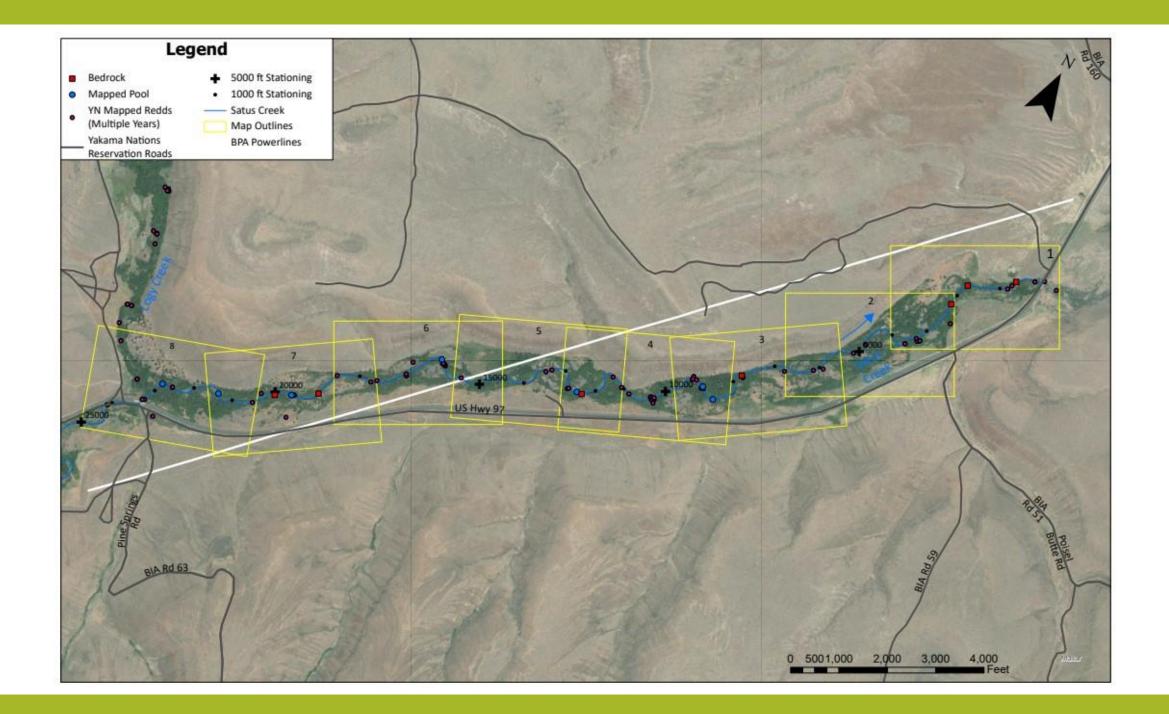


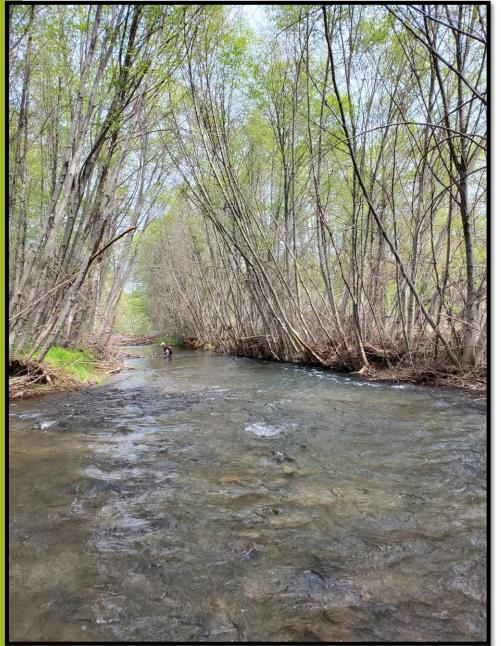


SATUS Creek RM 20 - 25



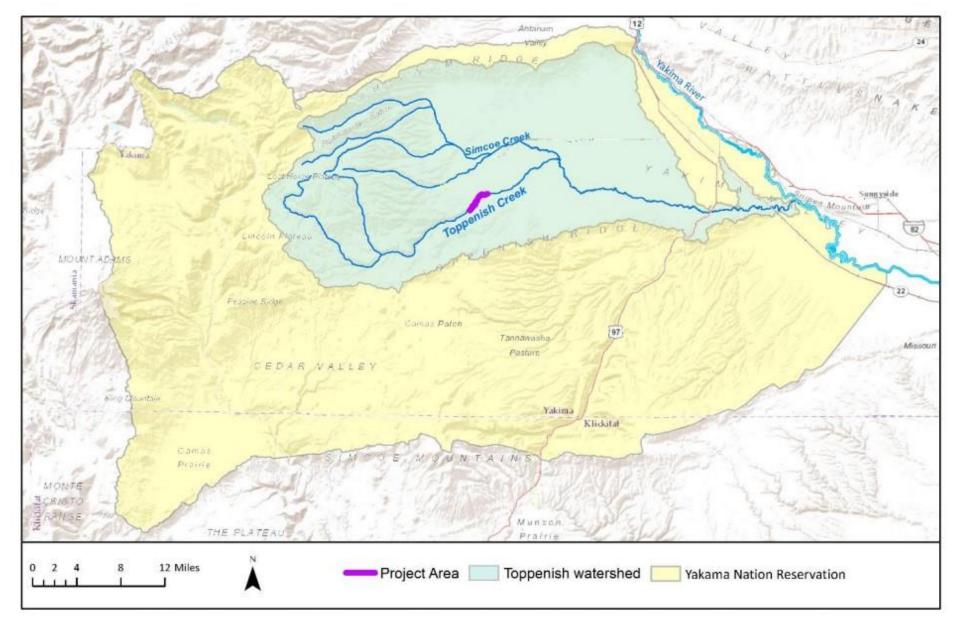








3-Way Phase 2 Levee Removal





Two Years Post Phase I



Removal of Levee, Phase I, 2018



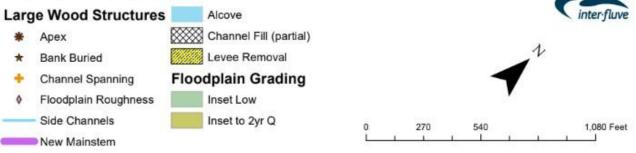
Potential Restoration Actions – Scalable Concepts Only



Toppenish Creek: 3-Way Phase II Alternative 3



Alternative 3 - Treatments

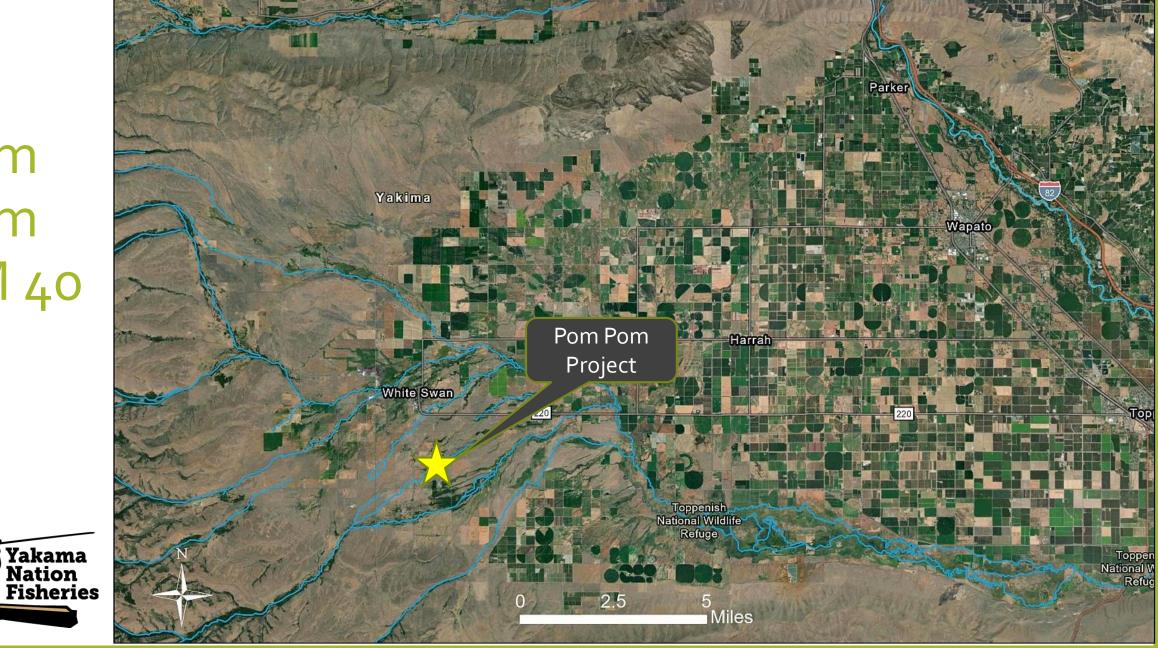


Section to be removed, Phase II



Pom Pom RM 40

Tampico



Pom Pom (RM40) Toppenish Creek



South channel upstream of bridge Showing channel incision

South channel downstream of bridge

Pom Pom Road project, major project elements

Reconnect historic middle, north channels, and springbrook channels.

150 Foot Bridge

0.5

Miles

Northcham

Pom Pom

Springbrook

current degrad south channel

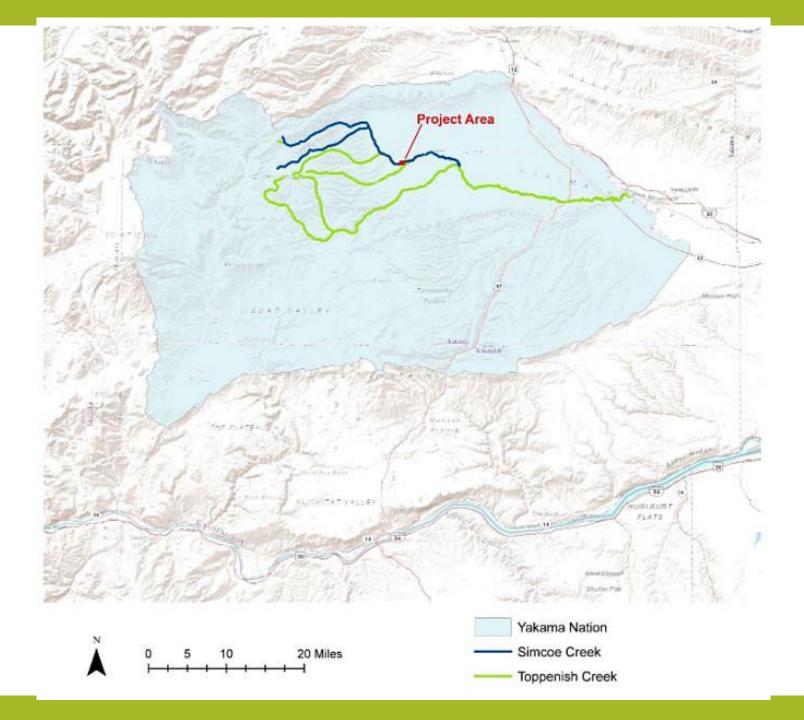
Build deflection berm and plug to prevent re-occupation of south channel, but allow for flood conveyance. Install box culverts for flood capacity.

Existing bridge remains in place for flood conveyance.

Toppenish Creek

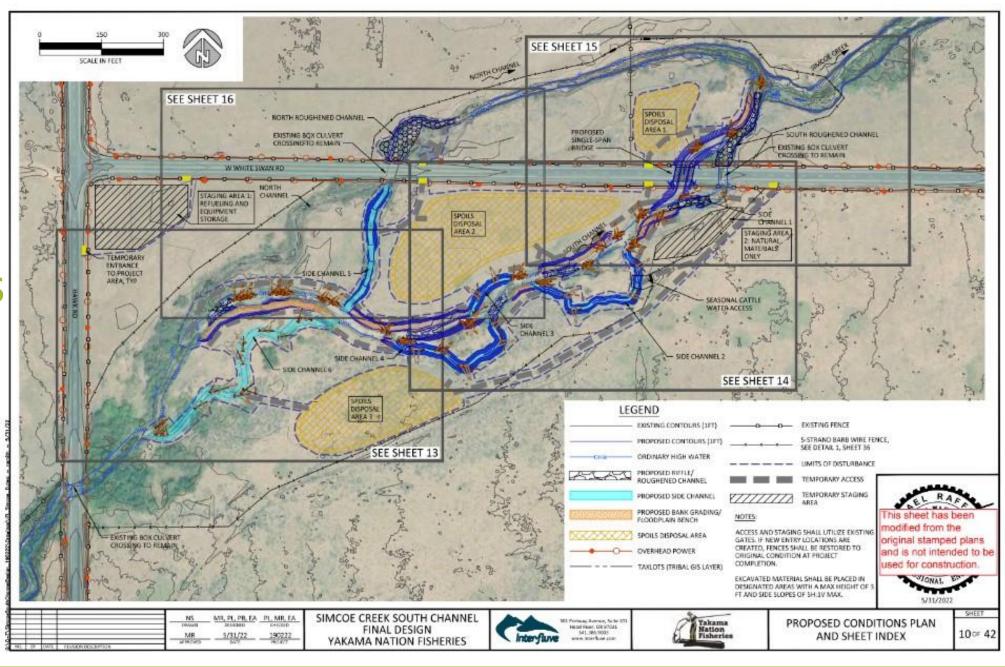
Simcoe West White Swan





Major

Elements





Unique Challenges During Project

Pre Project







April 30th, 2023 Post Project







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