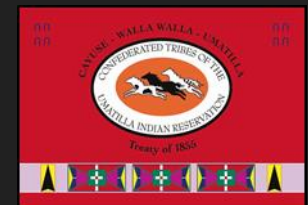


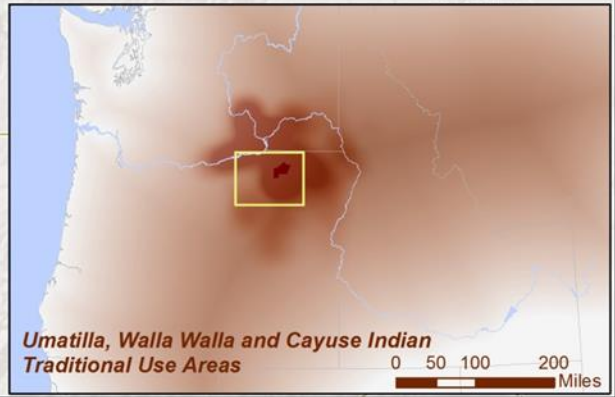
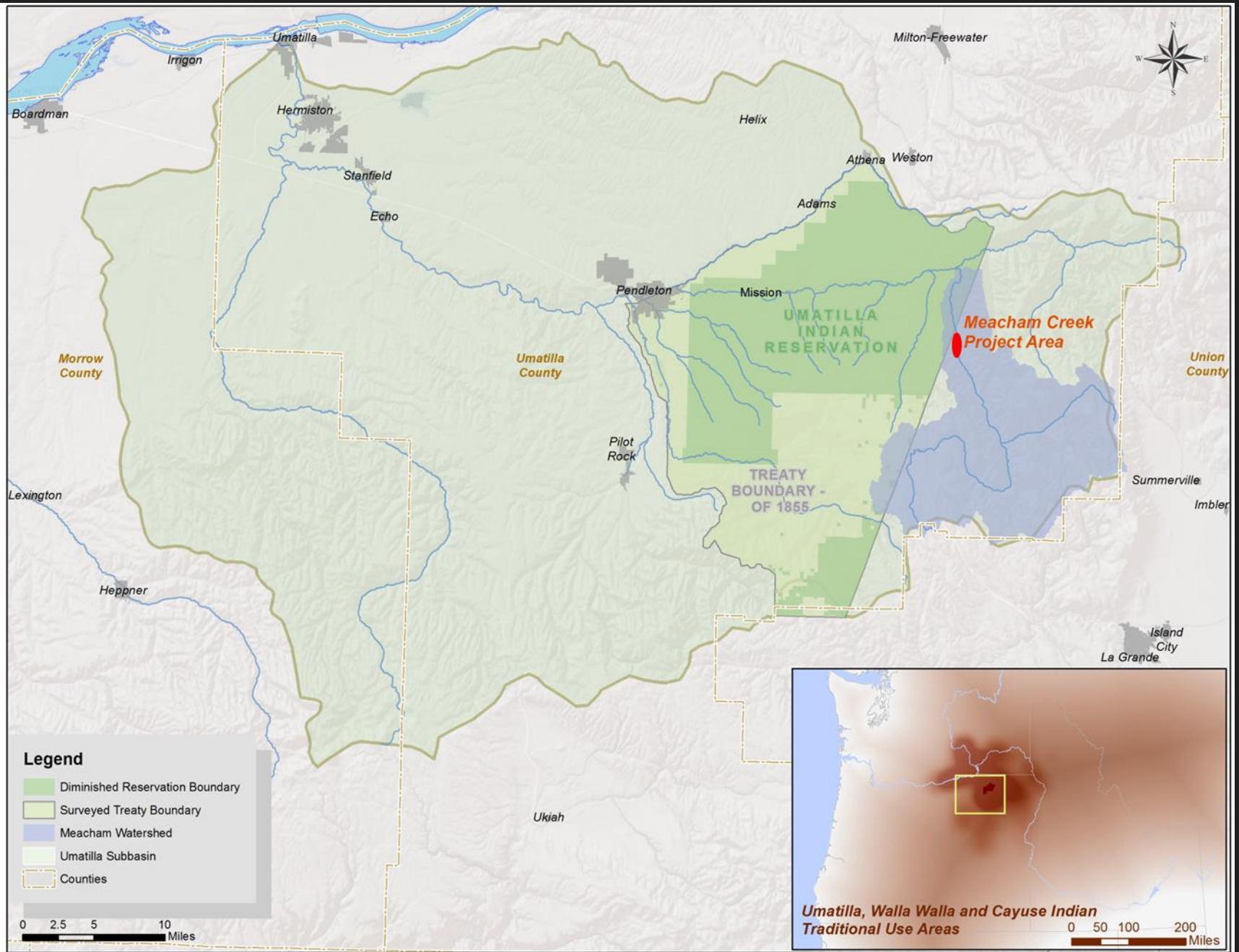
Working With Project Partners to Restore Natural Floodplain Function



Rebecca Schwartz

CTUIR Umatilla Fisheries Assistant Project Lead





Assessments & Literature to Guide Our Work

- River Vision (Jones et. al 2008)
- Meacham Creek Watershed Analysis and Action Plan 2003
- Umatilla River Assessment and Action Plan – ongoing
- Birch Creek Watershed and Action Plan
- ISRP Review 2021



River Vision Touchstones:



Goal:

Restore Floodplain and Increase First Foods for Tribal Use

Touchstone	Limiting Factors
Connectivity	<ul style="list-style-type: none"> • Lack of Floodplain Connectivity • Lack of Off-Channel Habitat • Reduced Connectivity with Alluvial Aquifer
Riparian Vegetation	<ul style="list-style-type: none"> • Limited Riparian Vegetation • Lack of Large Woody Debris
Geomorphology	<ul style="list-style-type: none"> • Channel Simplification and Lack of Channel & Habitat Complexity • Inadequate Stream Velocity, Substrate, and Cover Conditions
Hydrology	<ul style="list-style-type: none"> • High Water Temperatures • Low Stream Flow Volume
Aquatic Biota	<ul style="list-style-type: none"> • Poor and limited spawning and rearing habitat • Poor quality ratings of macroinvertebrate index values

Project Partners with a Shared Vision

Bonneville Power Administration	\$2,841,097
Oregon Watershed Enhancement Board	\$654,399
Umatilla Basin Watershed Council	\$566,086
Oregon Department of Fish and Wildlife	\$174,848
Blue Mountain Habitat Restoration Council	\$121,736
US Environmental Protection Agency	\$99,000
Environmental Protection Agency	\$94,350
Natural Resource Conservation Service (NRCS)	\$62,800
Landowner	\$30,000
Pacific Coastal Salmon Recovery Fund	\$24,000
Bureau of Reclamation	\$10,000
Umatilla County Soil and Water Conservation District	\$5,700



Working Together with Partners to Create More Habitat for Fish & Wildlife



CTUIR Fisheries Habitat Program – Improving fish habitat to improve our First Foods

Thank you!

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