

Integrated Riparian Stewardship in the Stillaguamish and Snohomish Watersheds

Salmon Recovery
Funding Board
Conference

April 9, 2019



Snohomish Conservation District

working together for better ground since 1941







Snohomish Conservation District

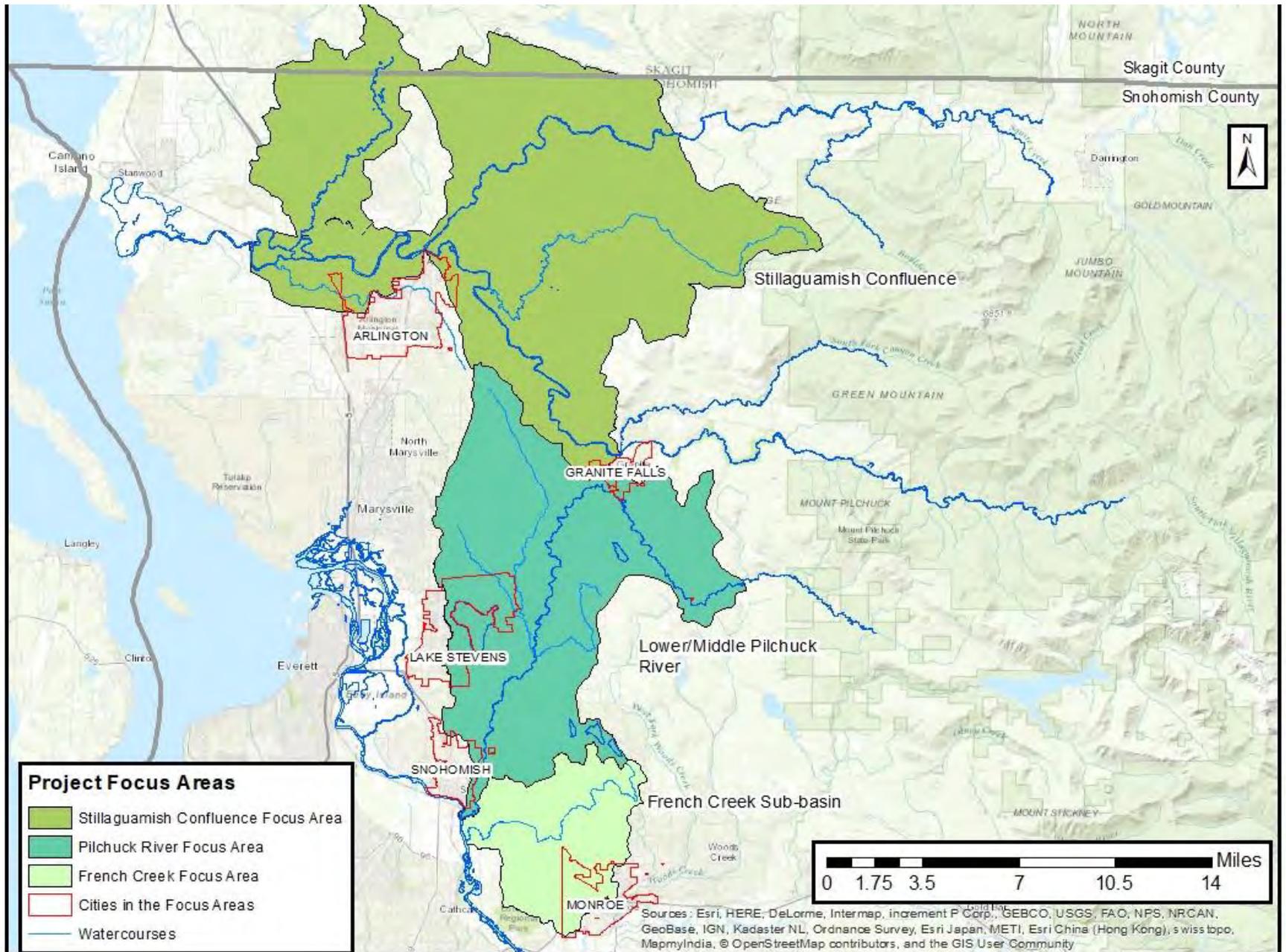
working together for better ground since 1941

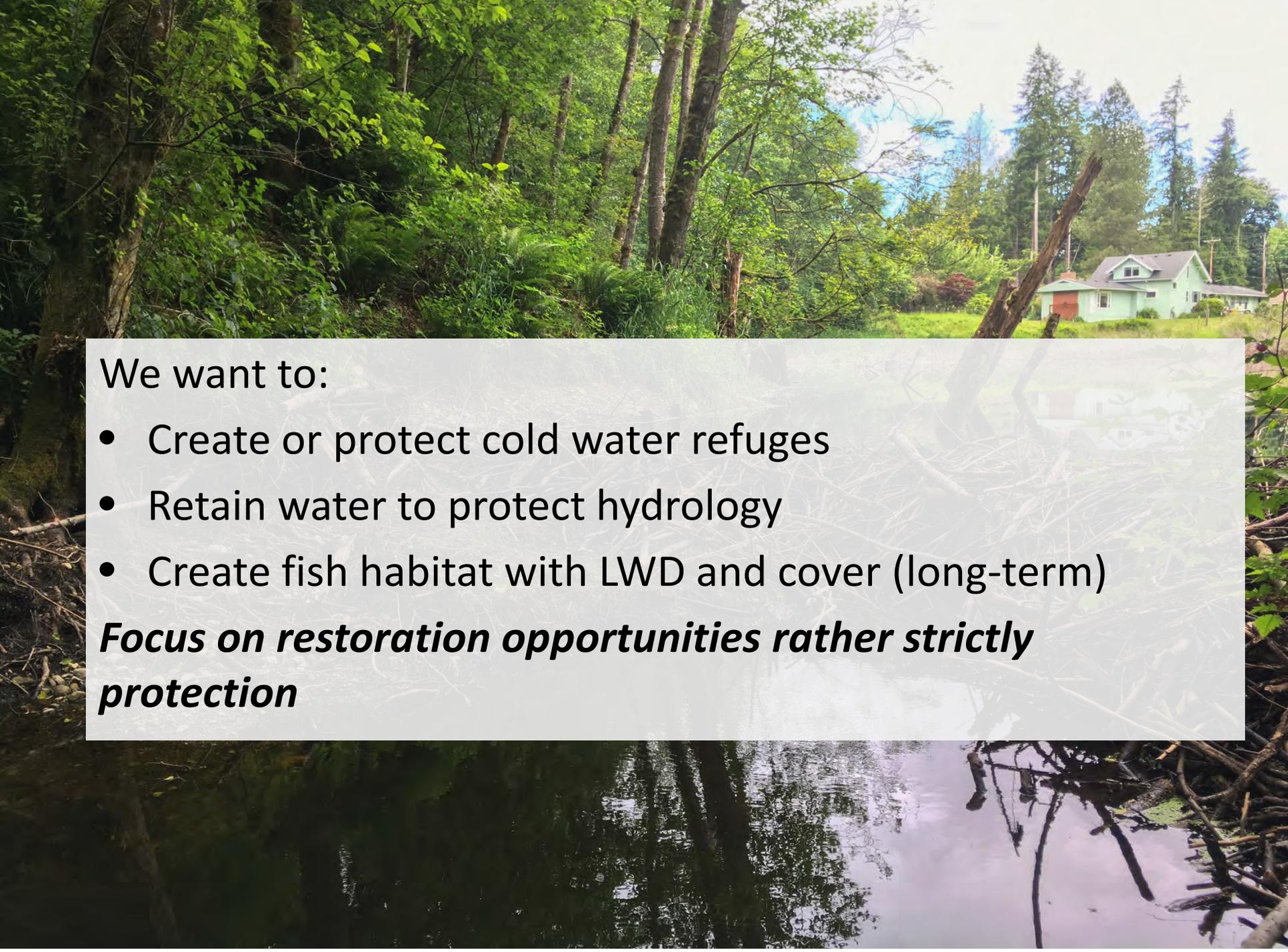


Snohomish County
Public Works
Surface Water Management



Project Focus Areas

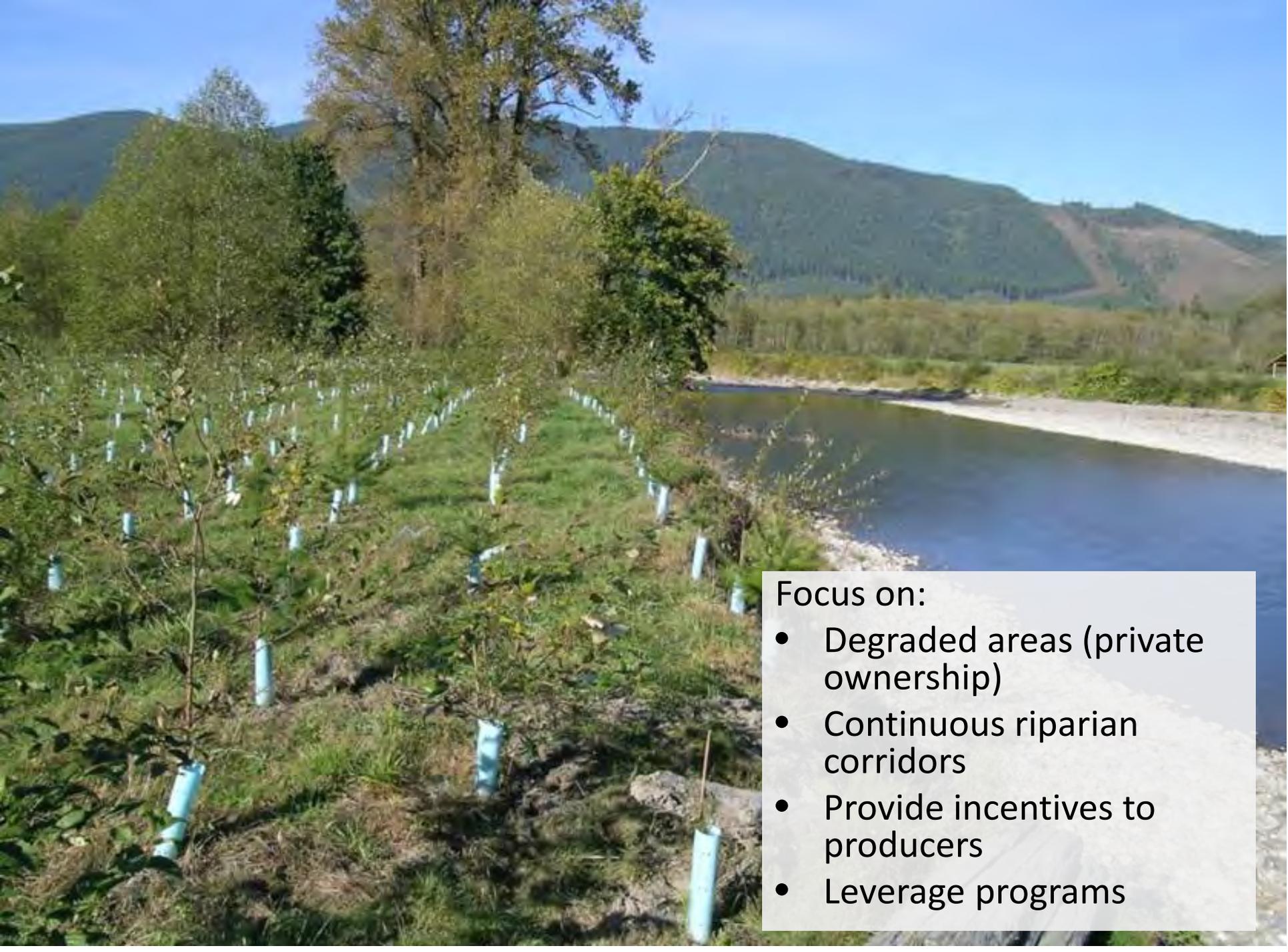


A scenic view of a forested area. In the foreground, a stream flows through a dense forest of green trees and ferns. In the background, a light green house with a red door and a grey roof is visible, surrounded by more trees. The sky is blue with some clouds.

We want to:

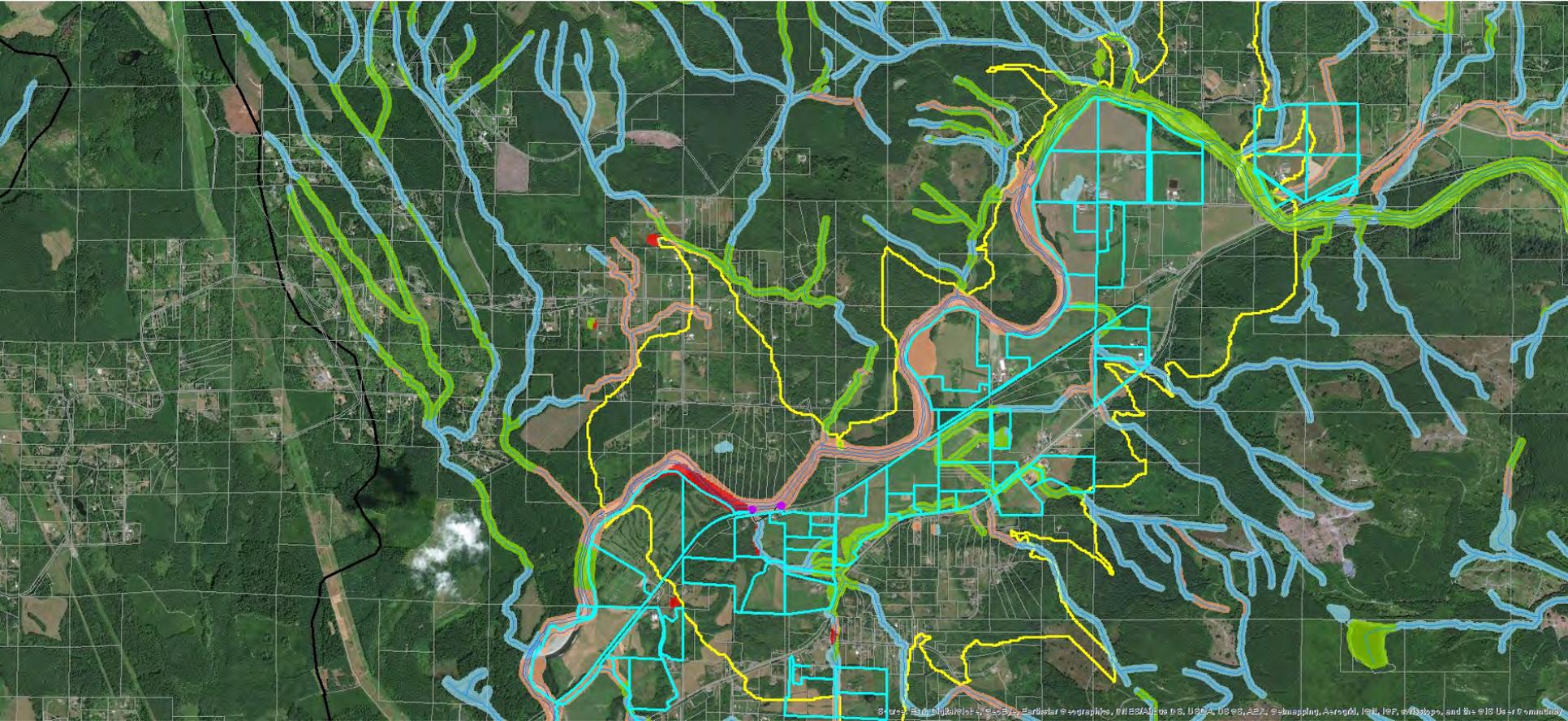
- Create or protect cold water refuges
- Retain water to protect hydrology
- Create fish habitat with LWD and cover (long-term)

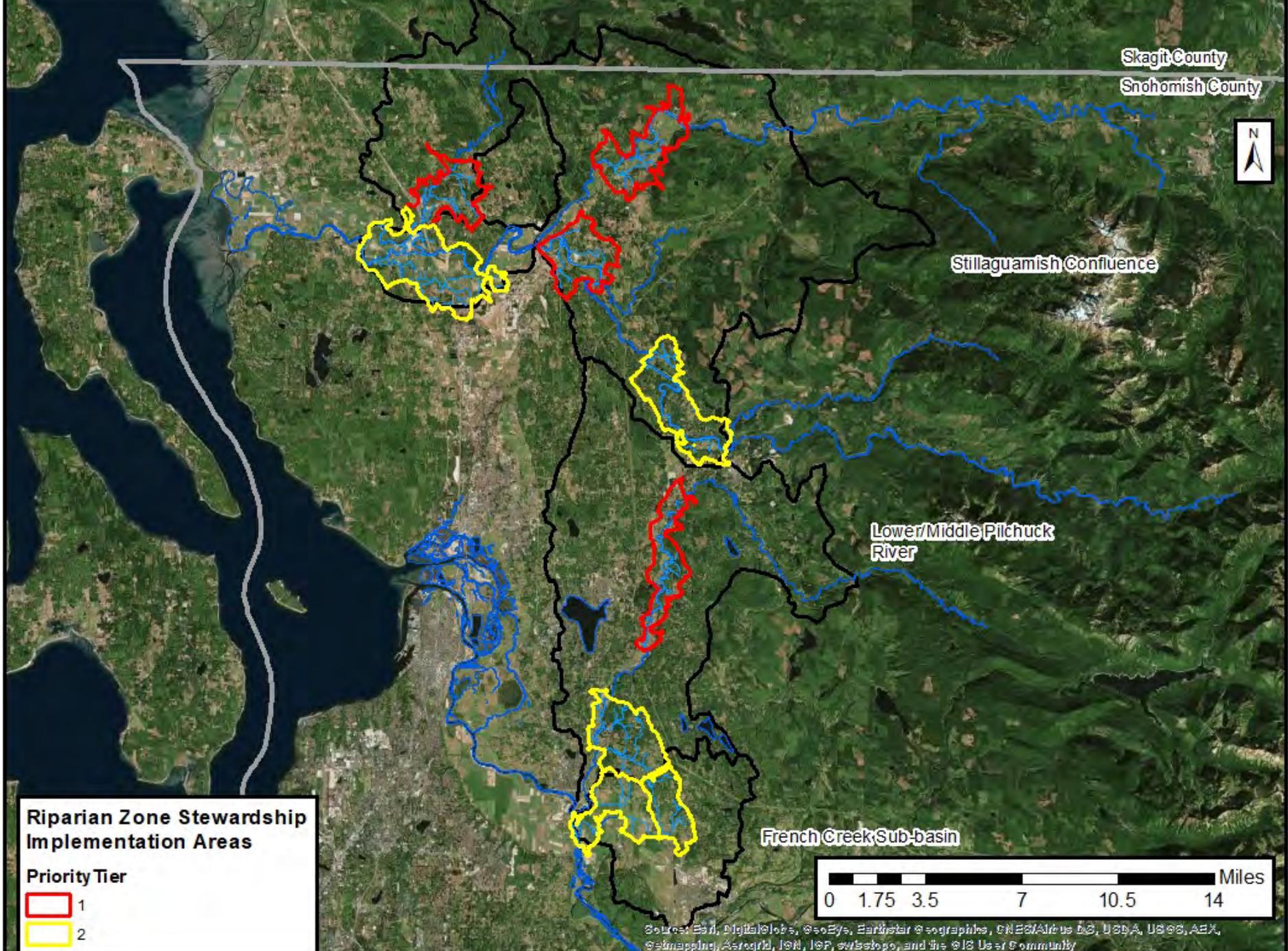
Focus on restoration opportunities rather strictly protection



Focus on:

- Degraded areas (private ownership)
- Continuous riparian corridors
- Provide incentives to producers
- Leverage programs





Skagit County

Snohomish County



Stillaguamish Confluence

Lower/Middle Pilchuck River

French Creek Sub-basin

Riparian Zone Stewardship Implementation Areas

Priority Tier



1



2



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroX, Swmapping, AeroGrid, IGN, IGP, swisstopo, and the © 2010 user community

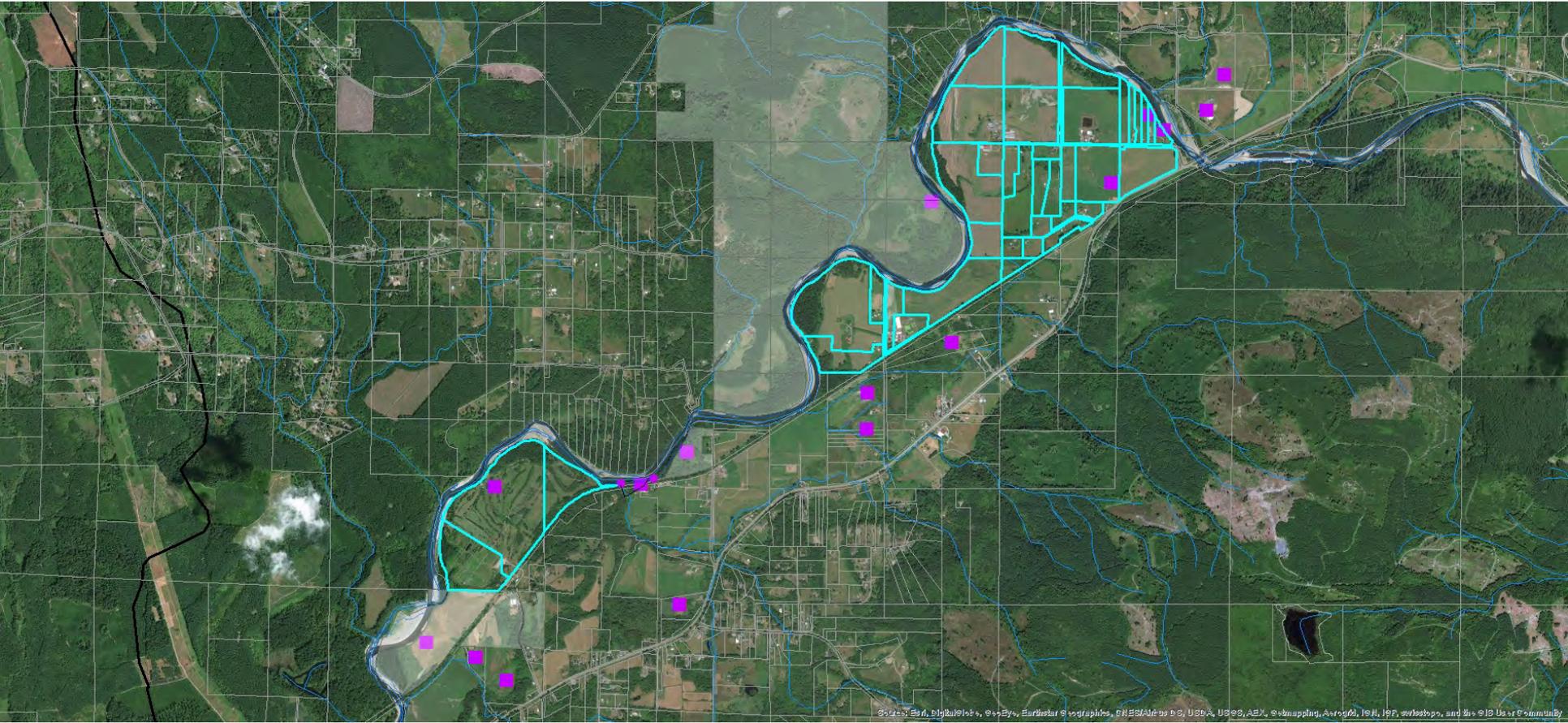
Tier 1 Implementation Area	% Existing forest and Wetland Cover in 100 ft Riparian Buffer (based on SWM 2008 CAR data)	Acres of Rest and Wetland Re-forestation needed to Achieve 80% Cover	Number of Identified High Priority Parcels (Number of Landowners) Identified for Phase I Outreach
Lower Pilchuck Creek	66%	53 acres	22 parcels (20 landowners)
Lower NF Stillaguamish	63%	70 acres	95 parcels (56 landowners)
Lower SF Stillaguamish	63%	58 acres	25 parcels (21 landowners)
Middle Pilchuck River	67%	55 acres	60 parcels (44 landowners)
Total		236 acres	202 parcels (141 landowners; 156 mailing addresses)

Precision Outreach
Identified 141 property
owners (202 parcels)



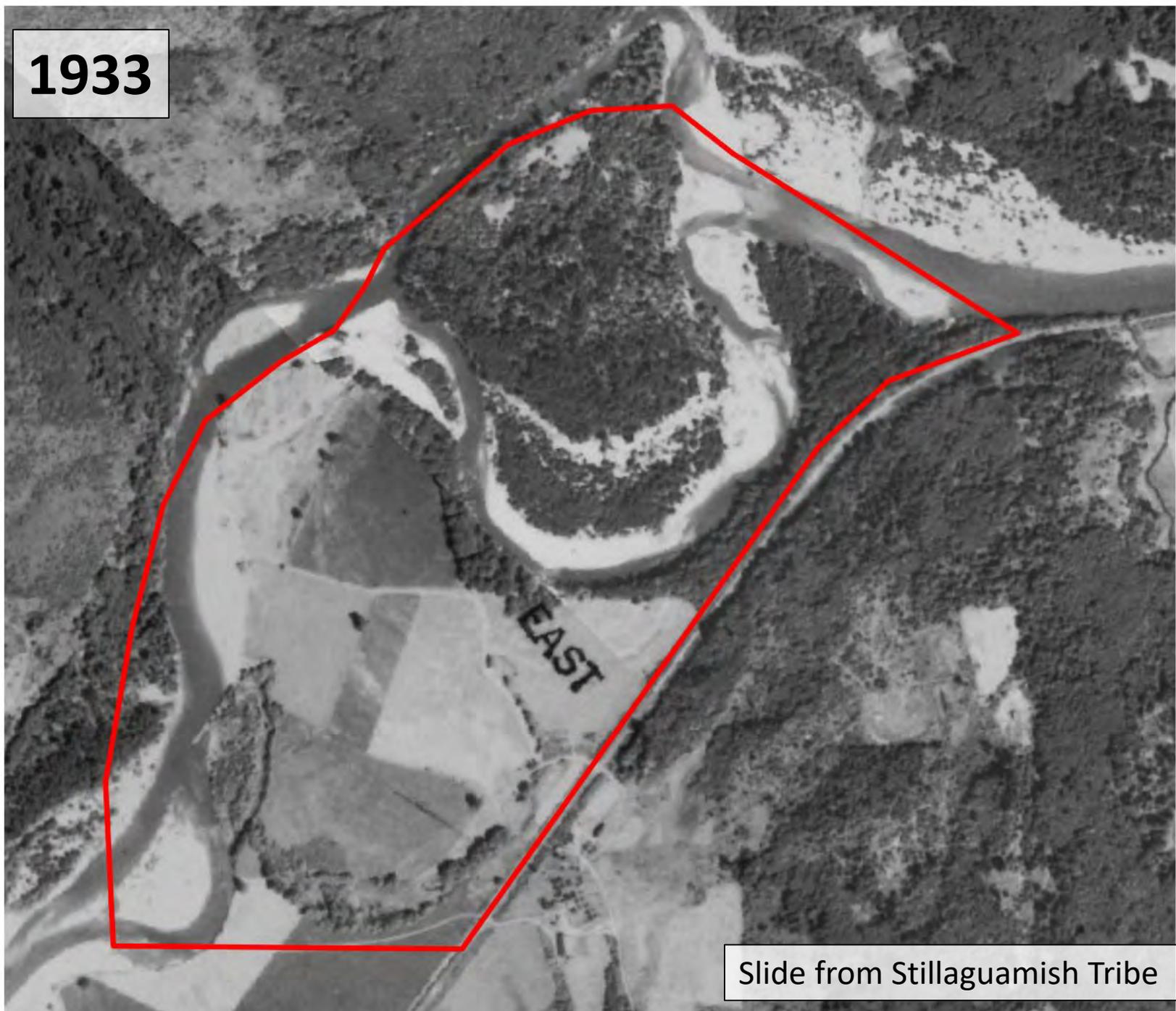
Photo Credit: PhotoVoice





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community

1933



Slide from Stillaguamish Tribe

1990

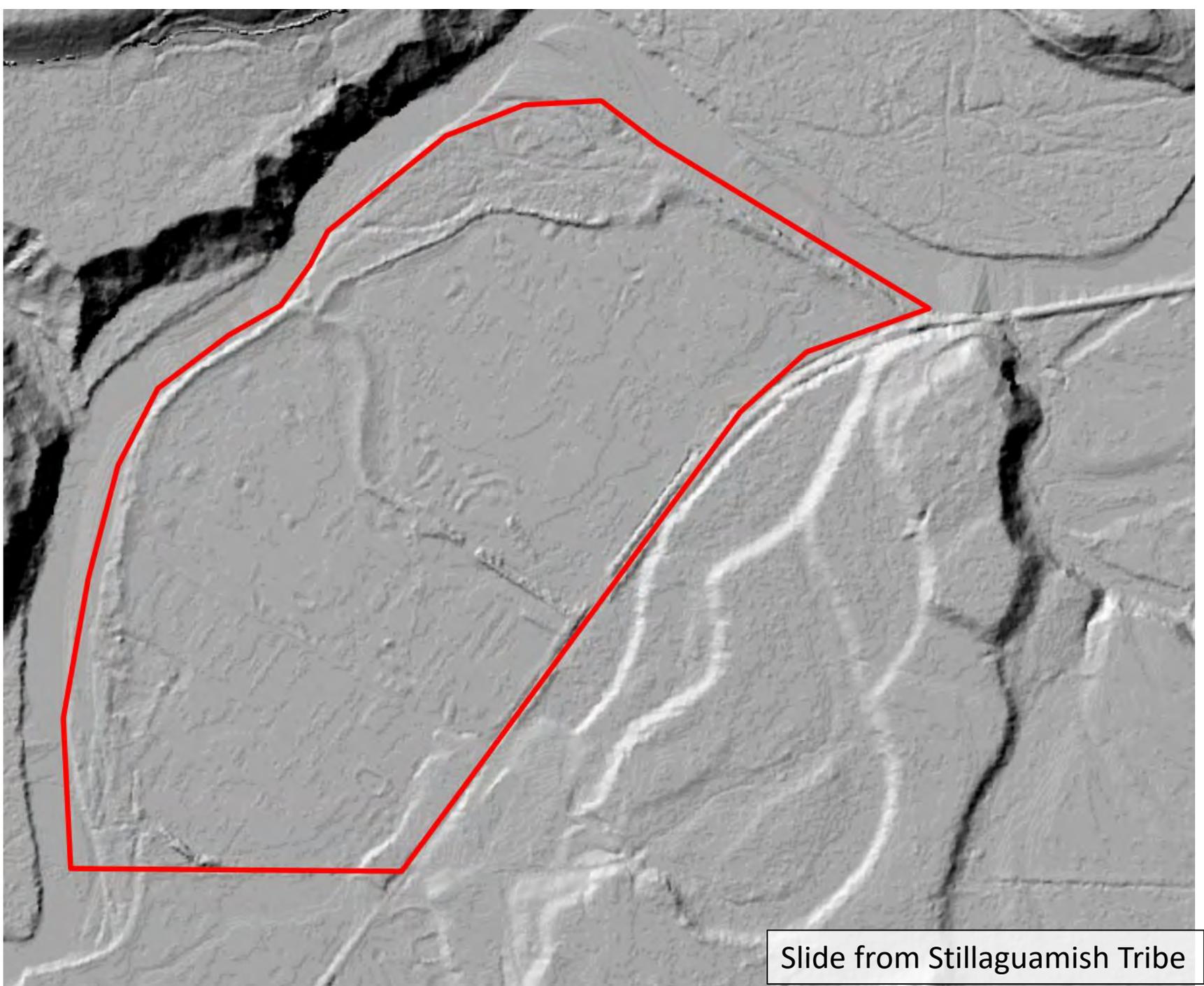


Image U.S. Geological Survey

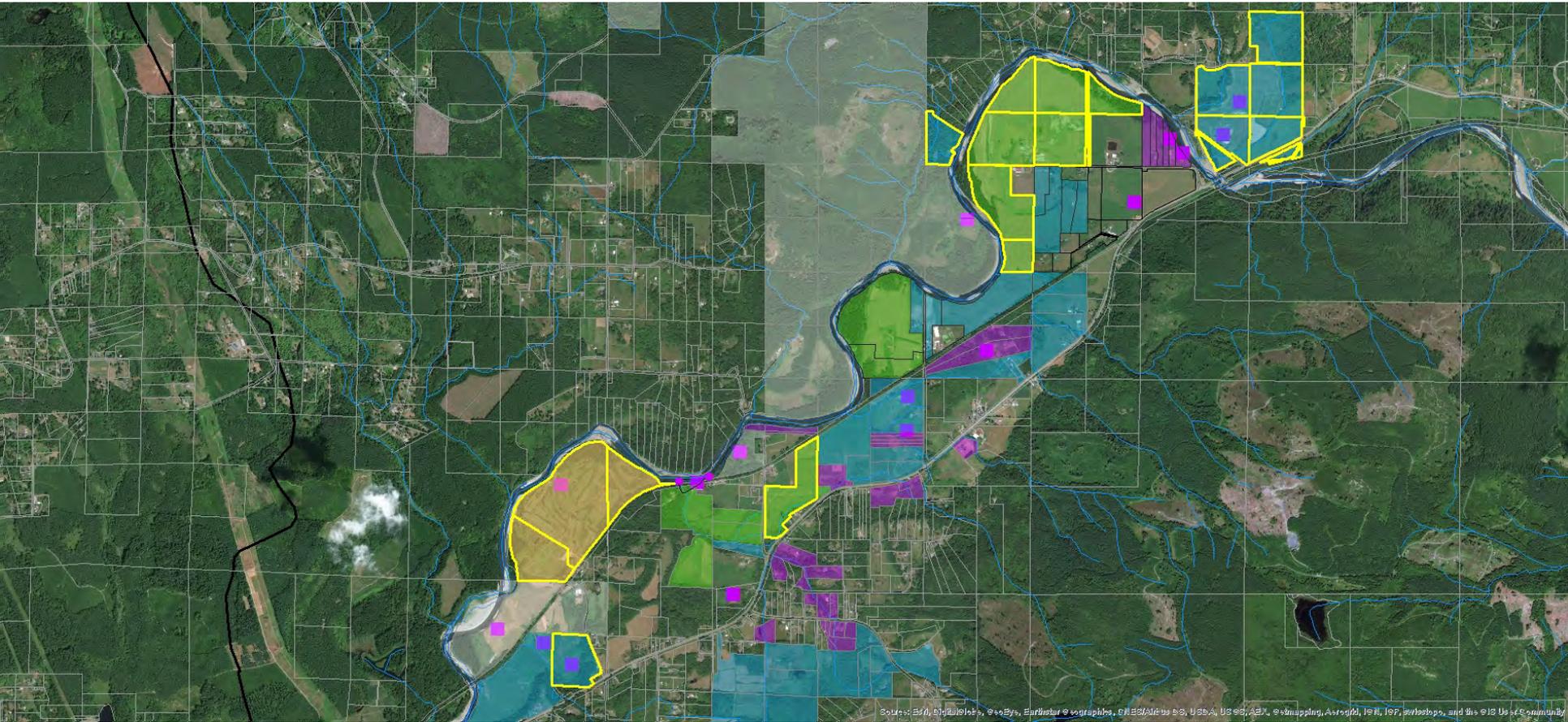
Slide from Stillaguamish Tribe

GOO

Imagery Date: 7/17/1990 48°14'28.70" N 122°05'17.86" W elev. 187 ft



Slide from Stillaguamish Tribe





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Snohomish County
Public Works
Surface Water Management



WASHINGTON STATE
RECREATION AND CONSERVATION OFFICE
**Salmon Recovery
Funding Board**



DEPARTMENT OF
ECOLOGY
State of Washington

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