Case study of a Successful Partnership

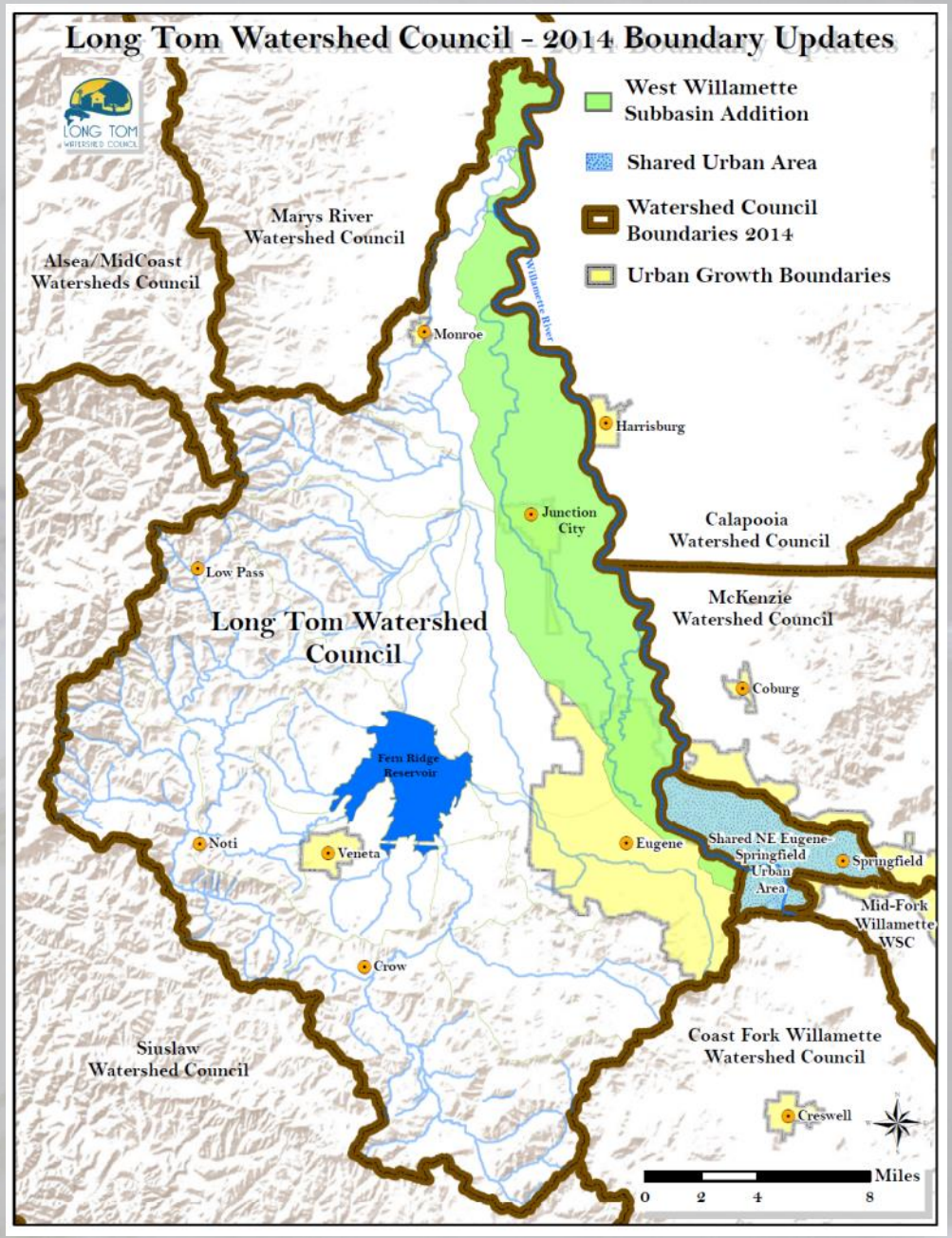
Analytic/Holistic Approach

Information Exchange

Level of Participation

The Long Tom Watershed

- The Long Tom River enters the Willamette River north of Monroe.
- 410 square miles
- Land use mix of urban, agriculture, rural residential, and forestry
- Population ~150,000
- Over 90% of the land is privately owned



Stream Habitat Projects

- In-stream habitat enhancement

Stream Habitat Projects

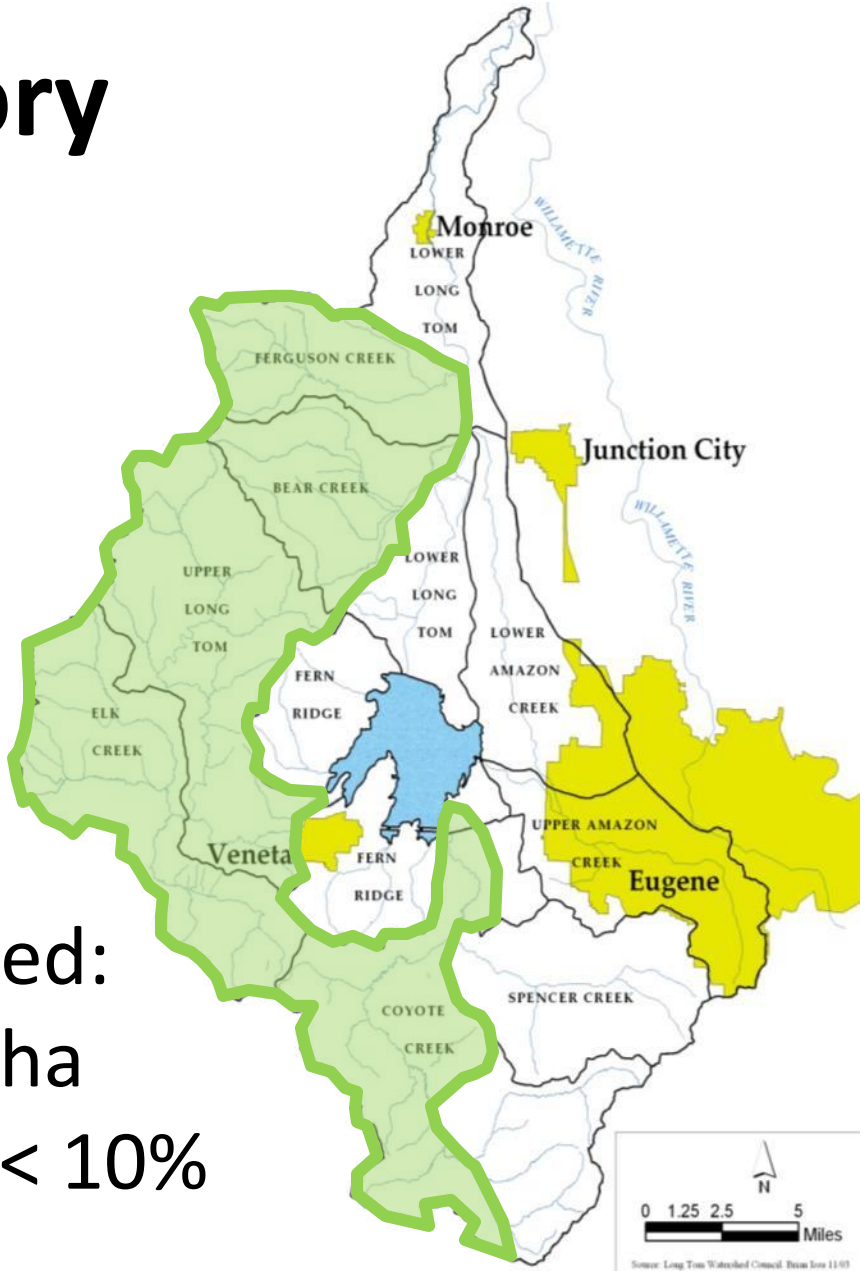
- Fish Passage Enhancement

Wetland Enhancement Projects

Oak Habitat Enhancement Projects

Culvert Inventory

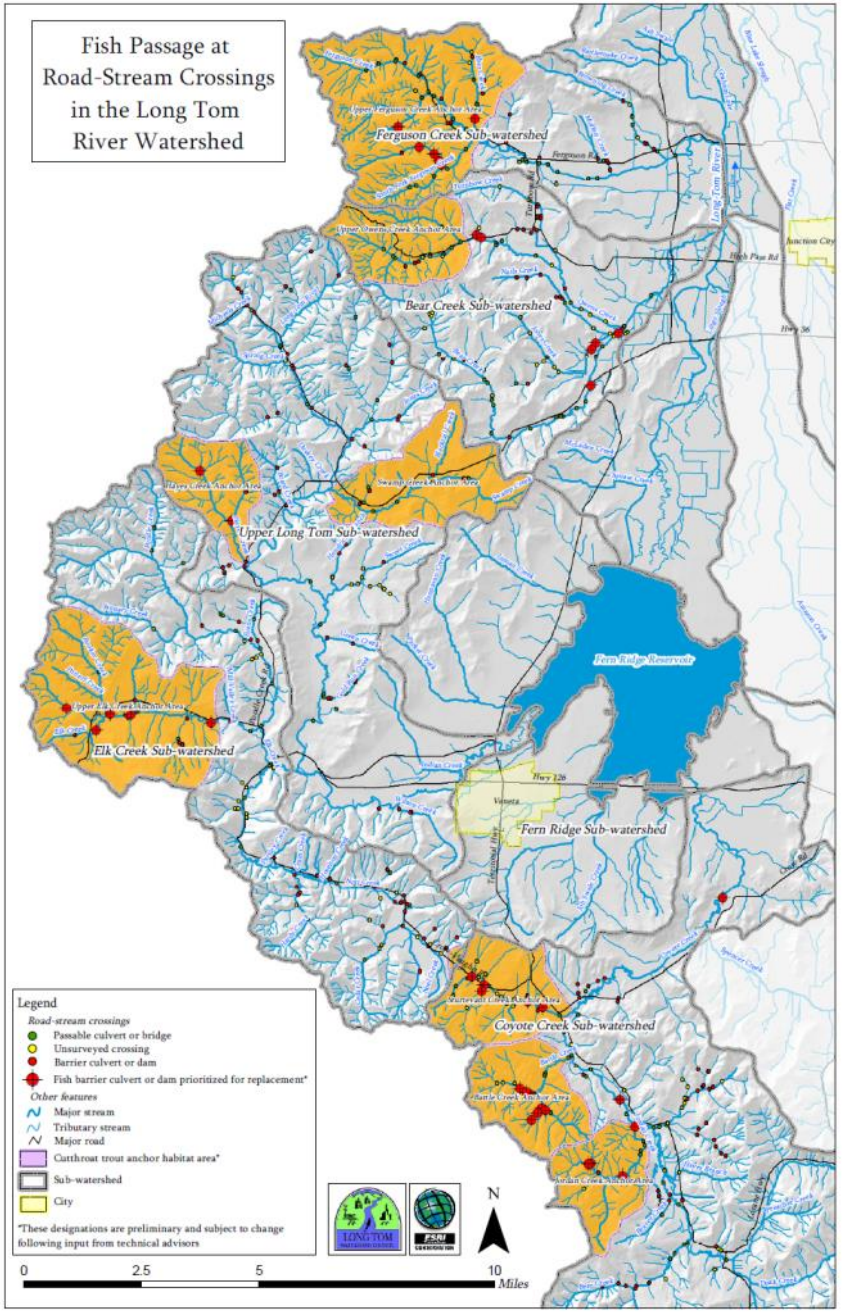
- BLM Protocol – coarse-screen filter
- Perennial coast-range streams selected for surveys



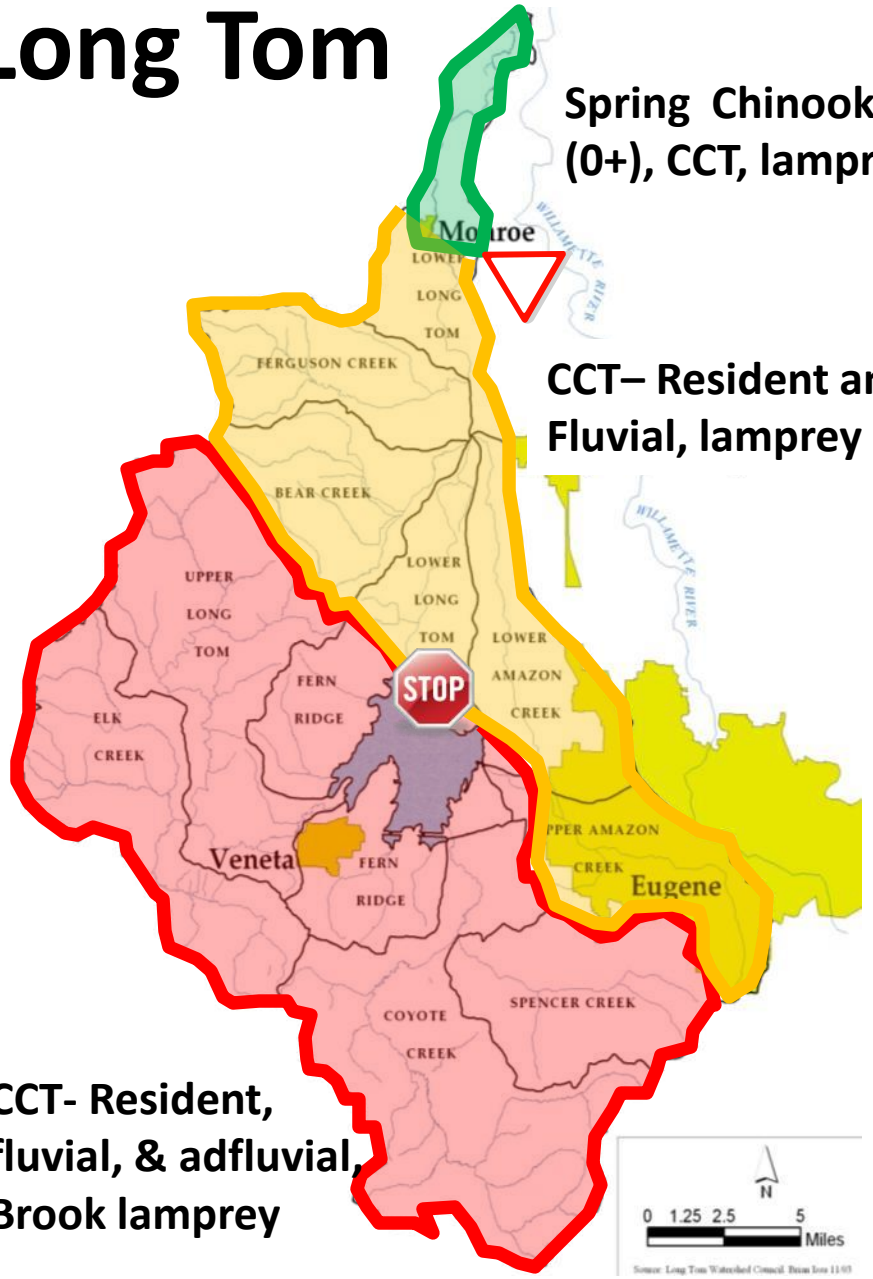
- Site selection – GIS-based:
  - ➢ Drainage area > 10 ha
  - ➢ Downstream slope < 10%

Sub-WS Prioritization Results

- 49 barrier culverts in or downstream of 8 focal drainages selected
- Split into two tiers:
  - Tier 1: Barriers lower in stream network
  - Tier 2: Barriers located in headwaters of focal drainages

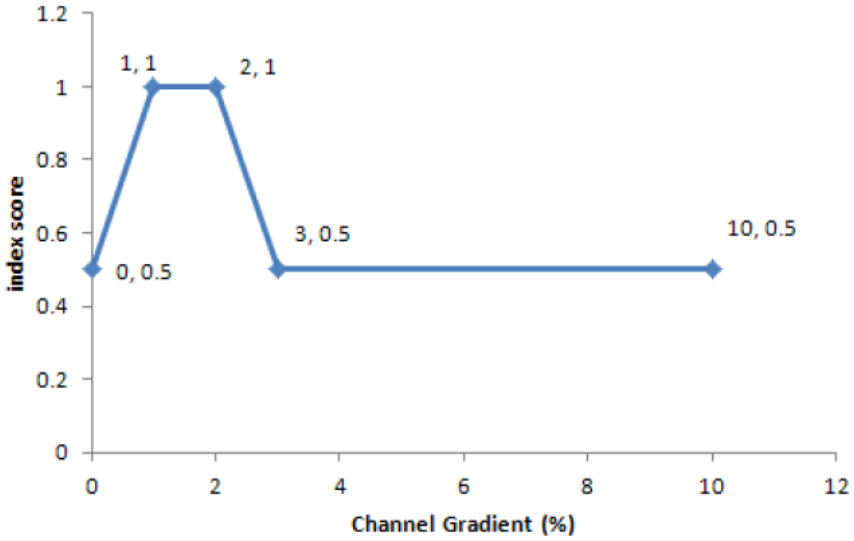


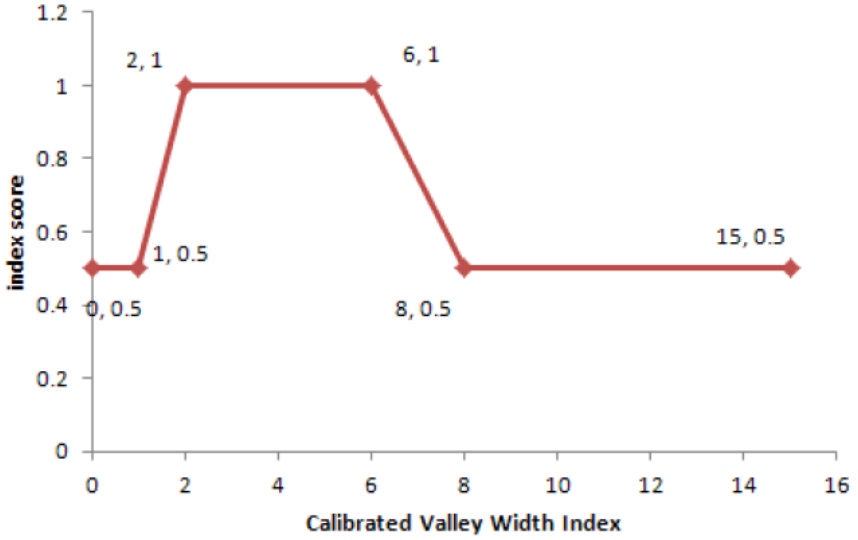
Fish Ecology of the Long Tom



Watershed Scale Prioritization of Barriers

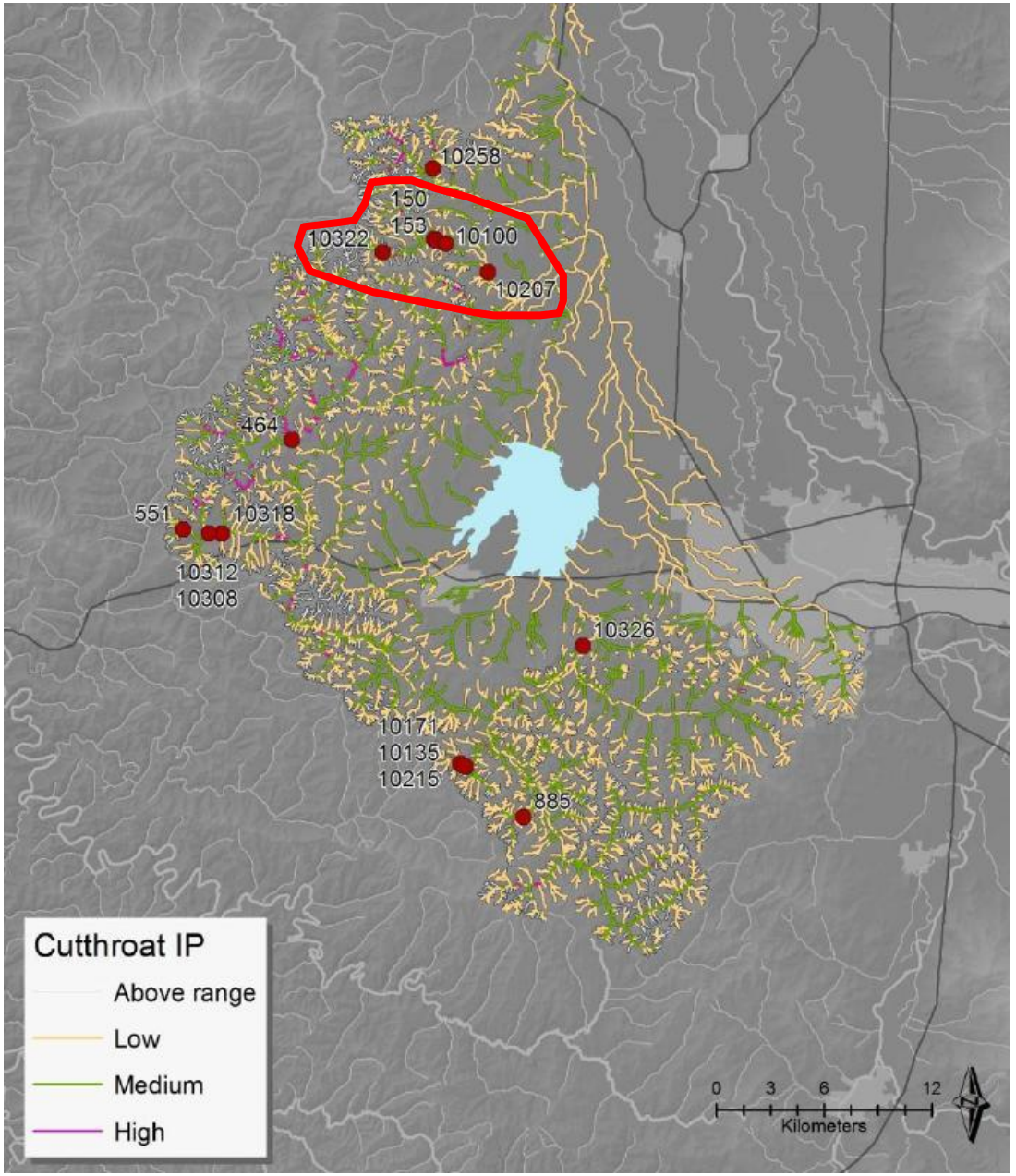
- **Goal**: Further prioritize barriers to inform restoration actions
- **Method:** Create intrinsic potential (IP) framework specific for coastal cutthroat trout in Long Tom Watershed





Watershed Scale Prioritization Results

- 14 barriers with high IP habitat above them
- Highlighted importance of Ferguson Creek drainage



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Stream By-pass System

Stream By-Pass System

Constructing Streambed

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Collaborative Effort with Buy-In

Partners

- Hull Oakes
- Giustina Land and Timber
- Long Tom Watershed Council

LONG TOM
WATERSHED COUNCIL

Hull-Oakes Site Work

Giustina Culvert Installation

LTWC/River Design

Conclusions

- One culvert at a time…small projects add up; the whole is far larger than the sum of its parts
- OWEB needs to stay focused on the original intent of the Oregon Plan: to engage communities directly.
- Projects create partnerships which help to build community
- Benefits include
  - Opportunities for forest landowners to interact with the communities of which they are a part
  - Growing trust and confidence that communities are the beneficiaries of sound forest stewardship