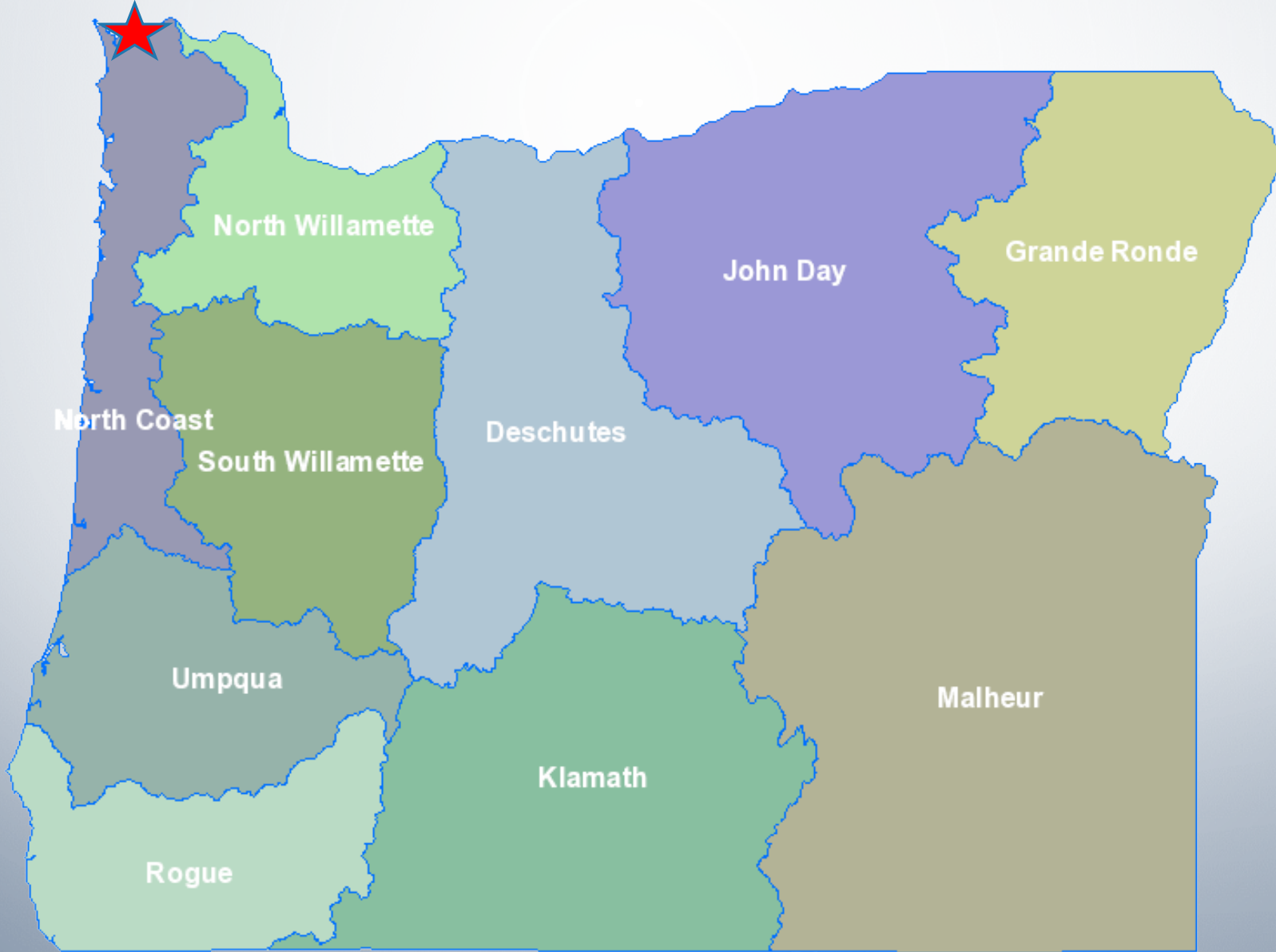


The background of the slide is a light blue gradient. In the top-left and bottom-right corners, there are several realistic-looking water droplets of various sizes, some overlapping. The text is centered in the middle of the slide.

**Fish Screening Oversight Committee
Fish Screening and Passage Conference
Holiday Inn
Astoria, Oregon
September 25-29, 2017**

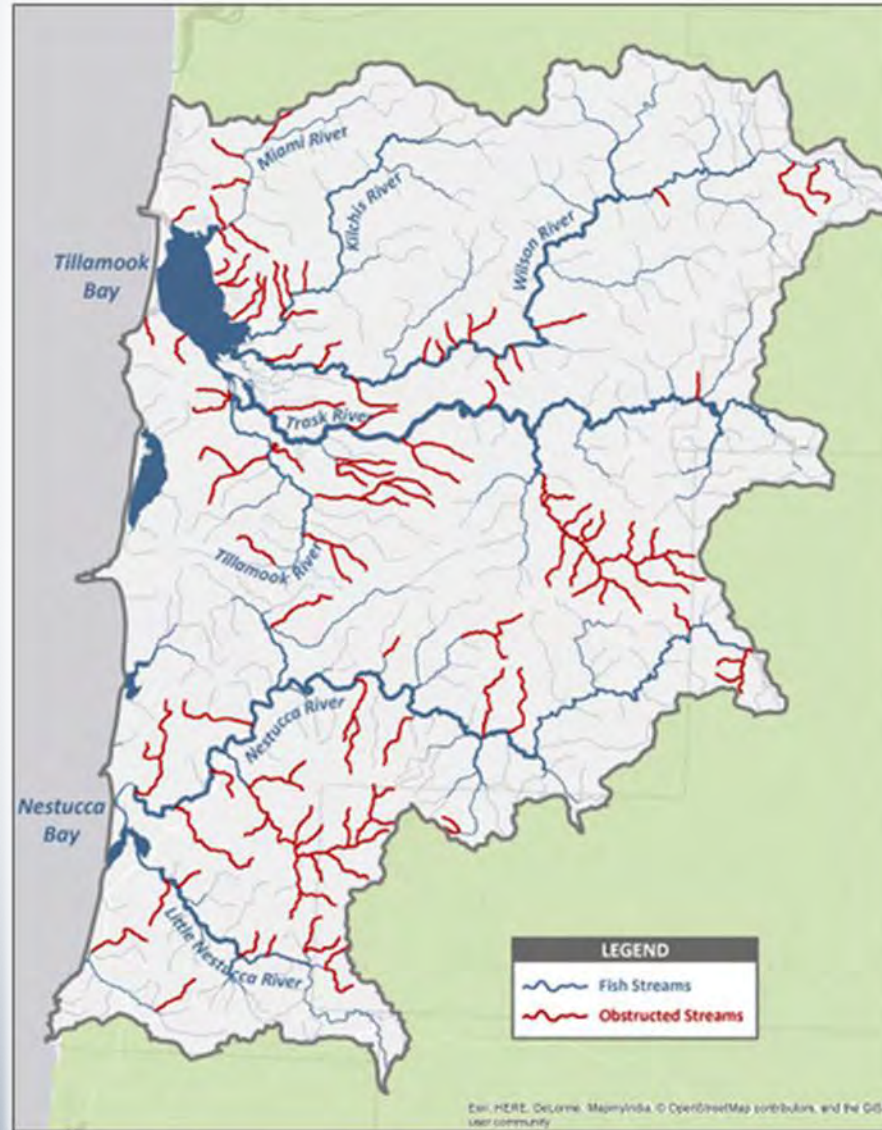
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Assessment of 940 square miles of Tillamook and Nestucca Basins on North Oregon Coast

Detailed cost-benefit analysis to determine the precise portfolio of projects that achieves absolute maximum habitat bang-for-the buck.

Look at fish passage and other societal benefits



Goal: 180 Miles of improved fish access and roadway infrastructure

93 Projects

10 Years Implementation Period

\$34 Million

Federal, State, local, private funds

Trout Unlimited Leadership



Esri, HERE, DeLorme, Mapbox, OpenStreetMap contributors, and the GIS User community

The background is a light blue gradient with several realistic water droplets of various sizes scattered in the corners. The droplets have highlights and shadows, giving them a three-dimensional appearance.

<http://www.salmonsuperhwy.org/salmon-superhwy-video/>

Private Partnerships:

**Pelican Brewing Company
Releases New West Coast-
inspired Pilsner, Five Fin, to
Support the Salmon
SuperHwy Project**

**Drink a Beer – Save a fish
(Please save fish responsibly)**



Passage and Screening at Municipal Water Intakes

Hawk Creek

Municipal Water Intake
For Neskowin



Before

Passage and Screening at Municipal Water Intakes

Hawk Creek

Municipal Water Intake
For Neskowin



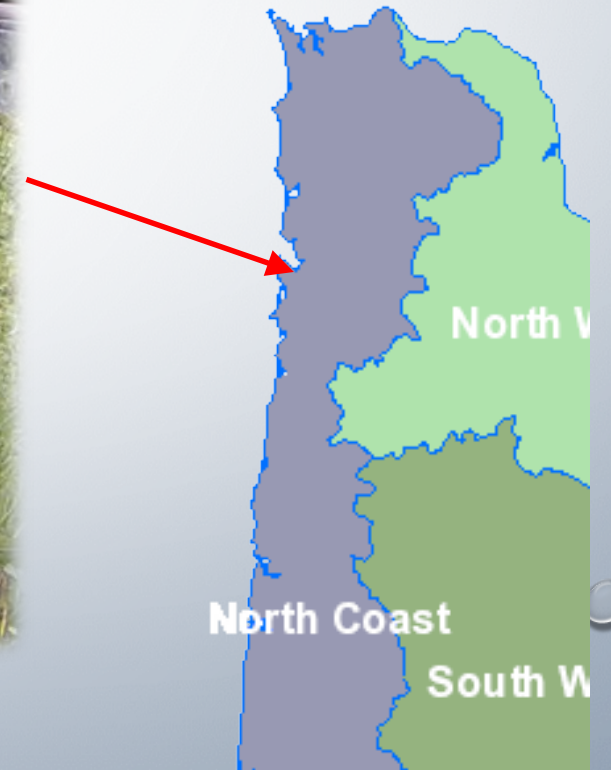
After



Passage and Screening at Municipal Water Intakes

Killam Creek

Municipal Water Intake
For City of Tillamook



BEFORE

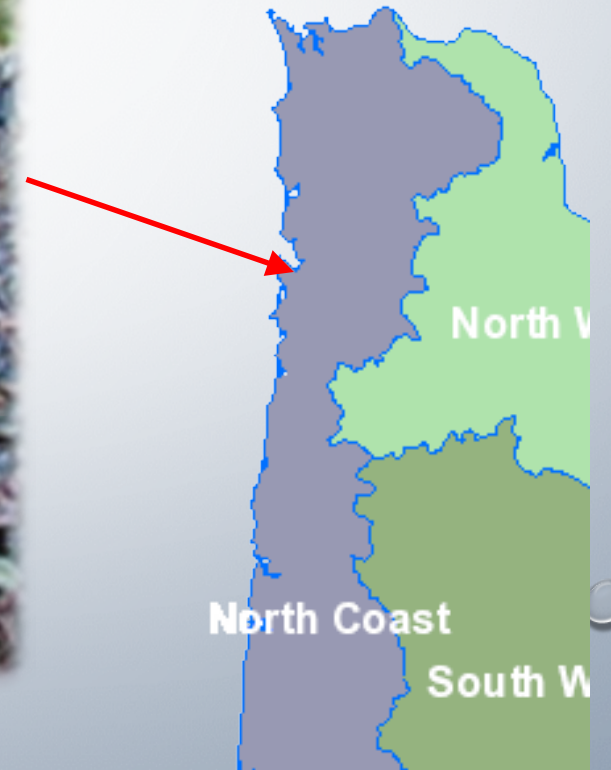
Passage and Screening at Municipal Water Intakes

Killam Creek

Municipal Water Intake
For City of Tillamook



After



Passage Improvements at Hatcheries

EF Trask Dam

ODFW Rearing Pond



Before



Passage Improvements at Hatcheries

~~EF Trask Dam~~

~~ODFW Rearing Pond~~



After



Passage Improvements Through Tidal Restoration

Tillamook Bay Tidal Restoration: 532 Acres; remove 7 miles levee and 2.1 miles of road; 14 miles of new tidal channels



Passage Improvements Through Tidal Restoration

Colewort Creek Tidal Restoration: 40 Acres, 1-mile new tidal channel



North Coast Fisheries

- **Chinook Salmon (Spring & Fall)**
- **Coho Salmon**
- **Steelhead (Summer & Winter)**
- **Cutthroat Trout**
- **Chum (C and R)**
- **Warm Water (Lakes)**
- **Estuarine Fish species**



Land of many waters



- 9 major rivers
- 3 large bays
- 2 Recreational Ocean ports
- 7 Fish Hatcheries
- Over 2,800 miles of fish bearing waters!

Diverse Opportunities

From Big Waters



To Small Creeks



Diverse Opportunities

Fishery Highlights

Spring Chinook

Wilson, Trask and Nestucca
Rivers

-Hatchery Releases of over 600k



Diverse Opportunities

Fishery Highlights

Fall Chinook

Necanicum, Nehalem, Tillamook Bay and Nehalem Bay basins

- Primarily natural production
- Some hatchery releases
- Angler catch over 20,000 adults in some years



Diverse Opportunities

Fishery Highlights

Chum Salmon

Nehalem, and Tillamook Bay
basins

- Large concentrations in some streams
- Over 1,000 spawners per mile at times
- Still well below historic abundance
- Catch and release only – but very popular



Diverse Opportunities

Fishery Highlights

Winter Steelhead

All major basins

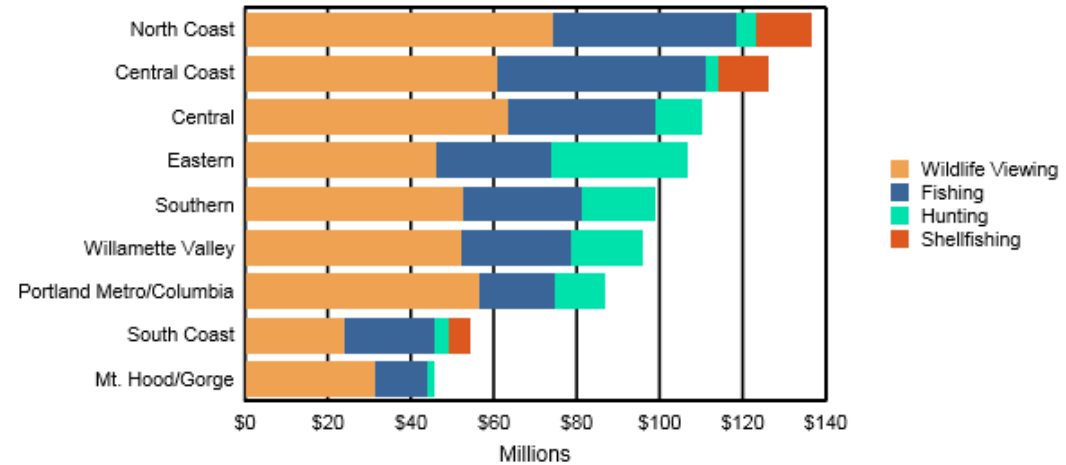
- Over 400k hatchery release
- Shift to use of wild broodstock over the years
- Lots of angler pressure on some streams



Economic Value of Recreational Fisheries

- 631,000 Anglers in Oregon
- \$2.5 Billion in Fish and Wildlife Recreation Expenditures.
- Travel Expenditures accounted for over \$100 million in 4 Oregon's travel regions; including the North Coast.

Travel-Generated Expenditures in Oregon, 2008



Local Recreation Expenditures in Oregon, 2008

