

# ODFW 3-Year Action Plan for Beaver-Modified Landscapes

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# The Action Plan

- Finalized June 2023
- 3-Year implementation plan
  - ODFW's goals, strategic actions, staff leads, and timelines
- Collaborative approach
- Creating tools & shared information to scale up beaver-modified landscape restoration in Oregon

Goal: Accelerate the restoration of beaver habitat and beaver-modified habitat at the landscape-scale in Oregon.



# Integrates & Builds Upon

## Oregon Coast Coho Conservation Plan For the State of Oregon

March 16, 2007

## Conservation and Recovery Plan for Oregon Steelhead Populations in the Middle Columbia River Steelhead Distinct Population Segment

February 2010

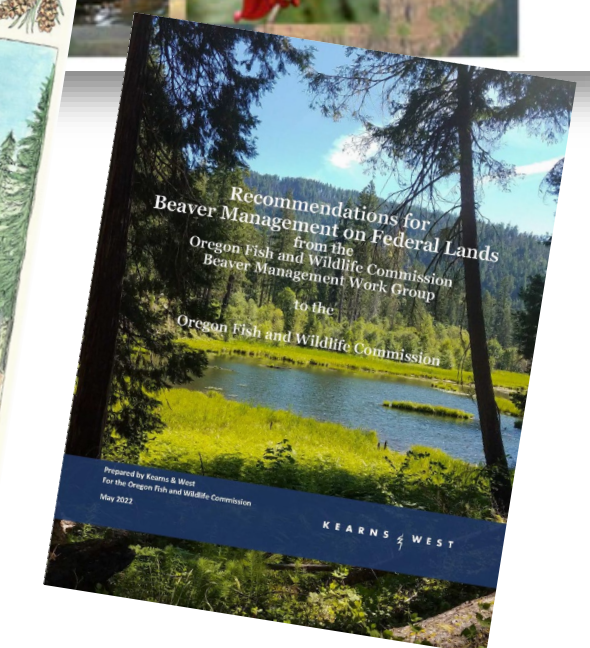
## FINAL Coastal, Columbia, and Snake Conservation Plan for Lampreys in Oregon

Pacific Lamprey  
Western River Lamprey  
Western Brook Lamprey  
Pacific Brook Lamprey

OREGON DEPARTMENT OF FISH AND WILDLIFE  
February 2020

## Rogue–South Coast Multi-Species Conservation and Management Plan

Approved by the Oregon Fish and Wildlife Commission:  
December 17, 2021



# Why Beavers?

Beaver dams, pools, & wetlands can provide **life-cycle benefits** to Oregon's Conservation Strategy Species.



May help minimize **limiting factors** of:

- Decreased instream flows
- Decreased habitat complexity & connectivity (instream juvenile rearing, riparian, floodplain, & off-channel habitats)
- Wildfire or flooding impacts



# Pillars of Action

**Goal:** Improve understanding of current beaver presence, constraints on beaver distribution, and the habitat needs of beavers in Oregon.

**Goal:** Improve beaver management.



**Goal:** Advance prioritized beaver and beaver-modified habitat restoration in Oregon.

**Goal:** Increase awareness of the benefits of beaver-modified habitat. Increase implementation of human-beaver coexistence strategies across Oregon.

# Engaging landowners in beaver coexistence: a social science study



## Question:

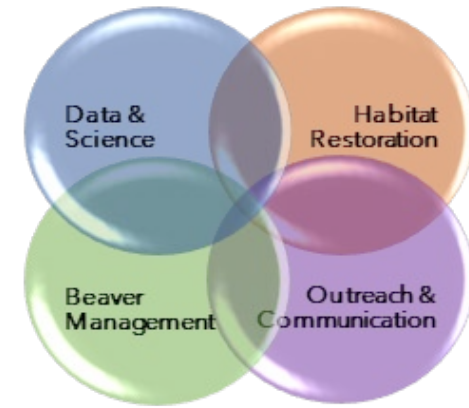
How can private landowners be supported to take coexistence actions that are mutually beneficial for their needs and beaver populations in Oregon?



## Coexistence communication:

A combined focused on both beaver habitat restoration and human-beaver conflict management

# Unique opportunity for applied research to support on-the-ground work



**Study Objective 1:** Increasing participation in beaver-modified habitat restoration → *ODFW Beaver Action Plan Pillar #2*

**Study Objective 2:** Increasing adoption of non-lethal measures to reduce human-beaver conflict → *ODFW Beaver Action Plan Pillars #1 & 3*



**Intended Outcomes:** Engagement efforts & tools ODFW staff and partners can use that work for private landowners to address short-term conflict and enable long-term restoration

# Voluntary Co-Existence Strategies



Pond leveler

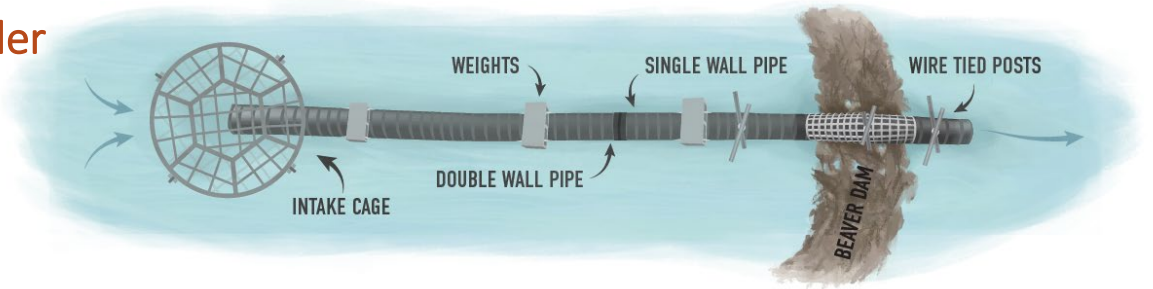
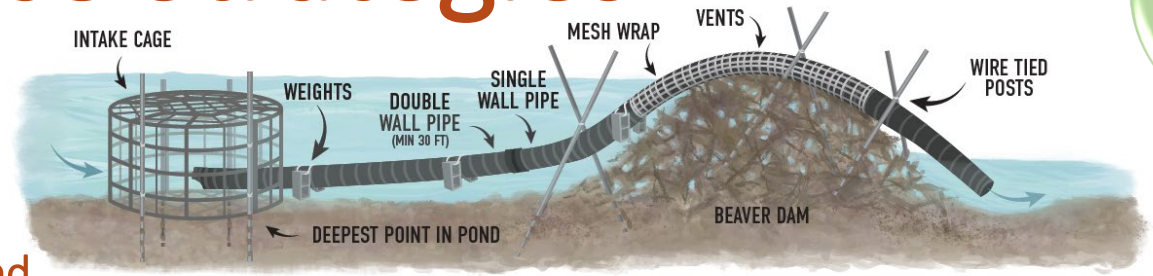


Photo: trwc.org/living-with-beavers

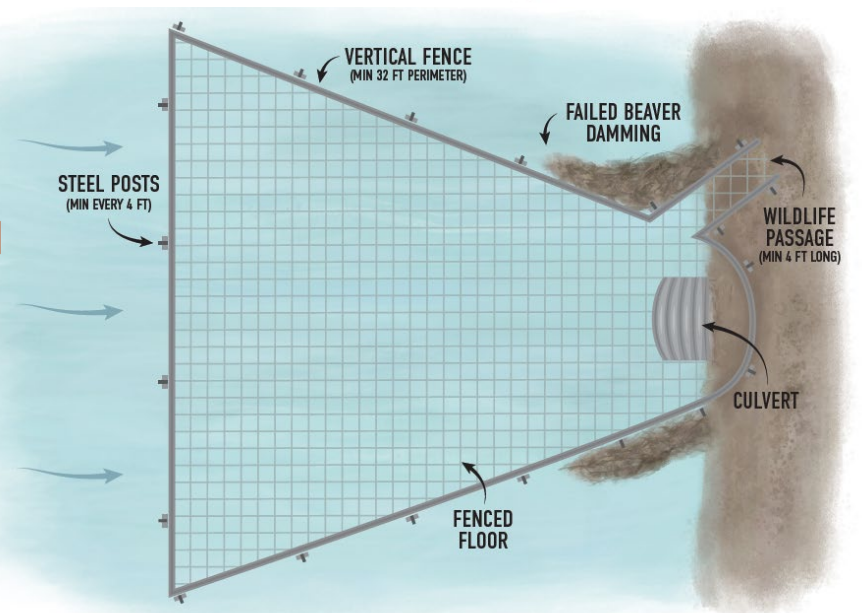


Photo: ODFW



Photo: beavercoalition.org

Trapezoidal culvert fence



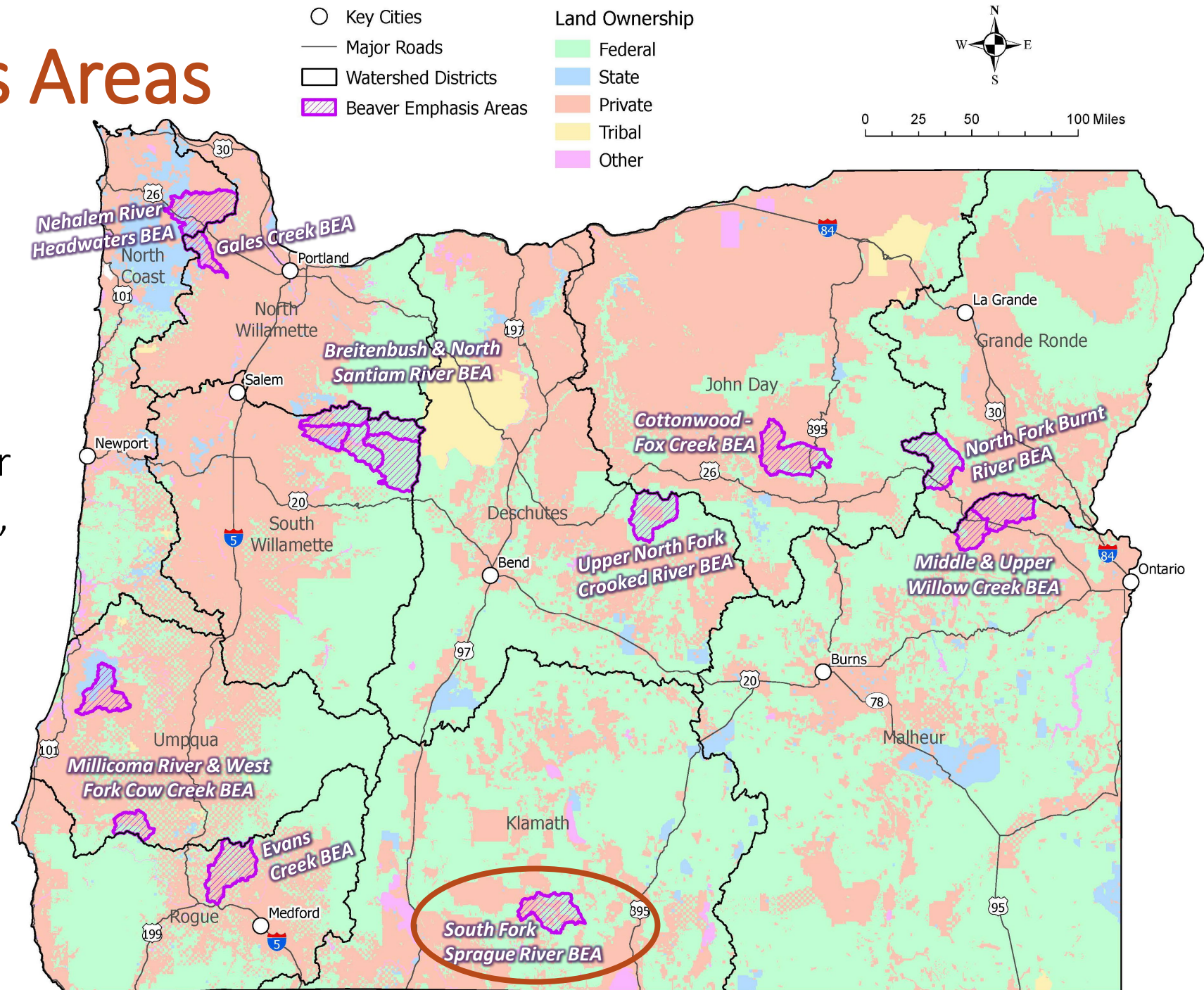
Diagrams: Project Beaver



# Beaver Emphasis Areas

Watersheds where ODFW will focus efforts:

- collecting beaver data,
- restoring beaver habitat,
- advancing opportunities for human-beaver coexistence,
- increasing collaborations with interested partners to advance beaver-modified floodplain landscapes in Oregon.



# South Fork Sprague Restoration



June 2020



Habitat  
Restoration

June 2022



Habitat  
Restoration

April 2023

# Closing Thoughts

- Creating tools & shared information to scale up beaver-modified landscape restoration in Oregon
- All hands on deck approach
- Using existing staff & resources
- Leveraging creative partnerships to fund & advance this work

