

ODFW 2025 Statewide Fish Passage Priority Barrier List

Exhibit B
April 18, 2025

ODFW Fish Screens and Passage Program



**Oregon Department
of Fish and Wildlife**

Greg Apke
Fish Screen and Passage Program Manger

Katherine Nordholm
Statewide Fish Screening and Passage Coordinator

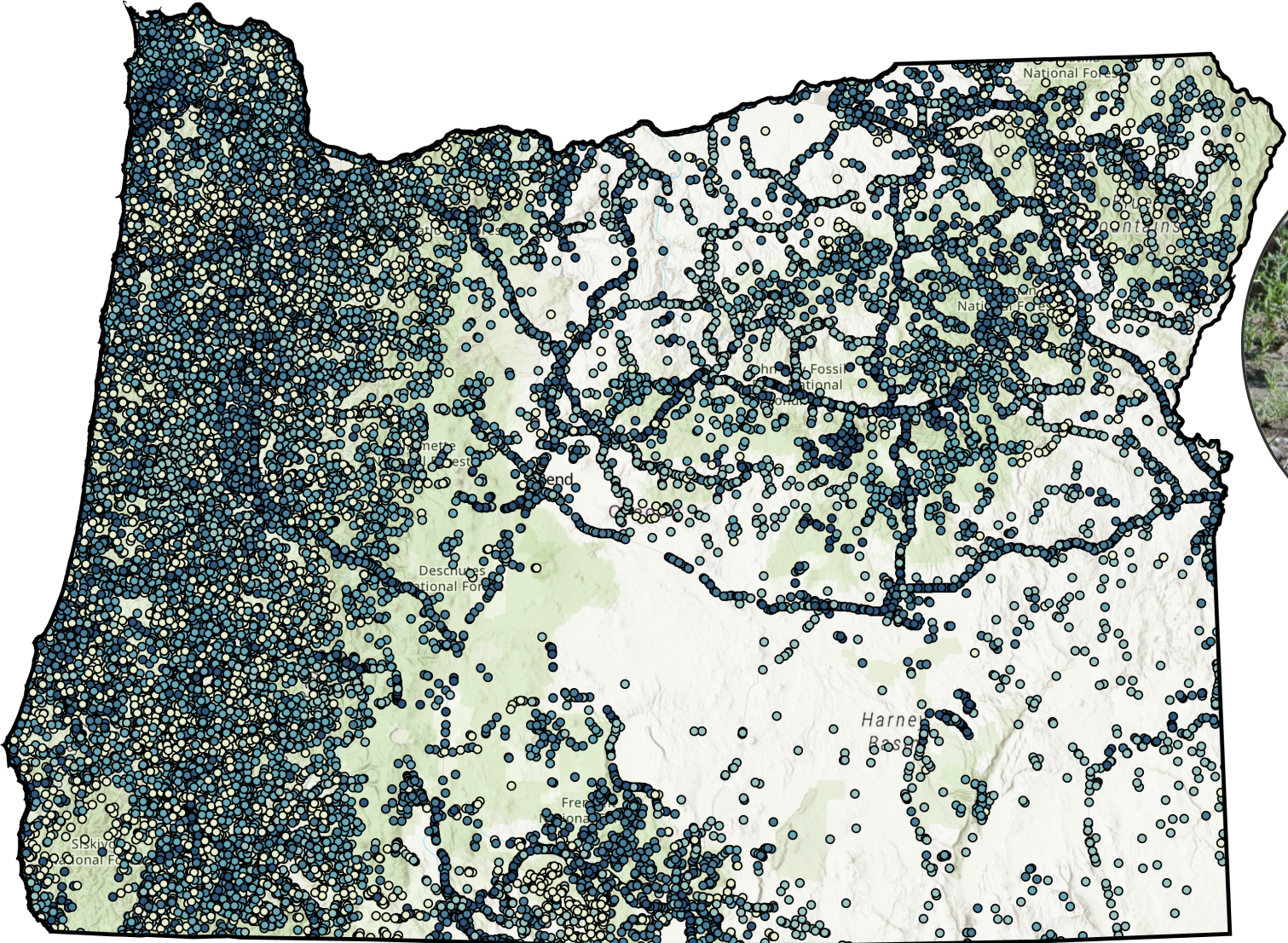


ODFW Fish Passage Statute and Rules

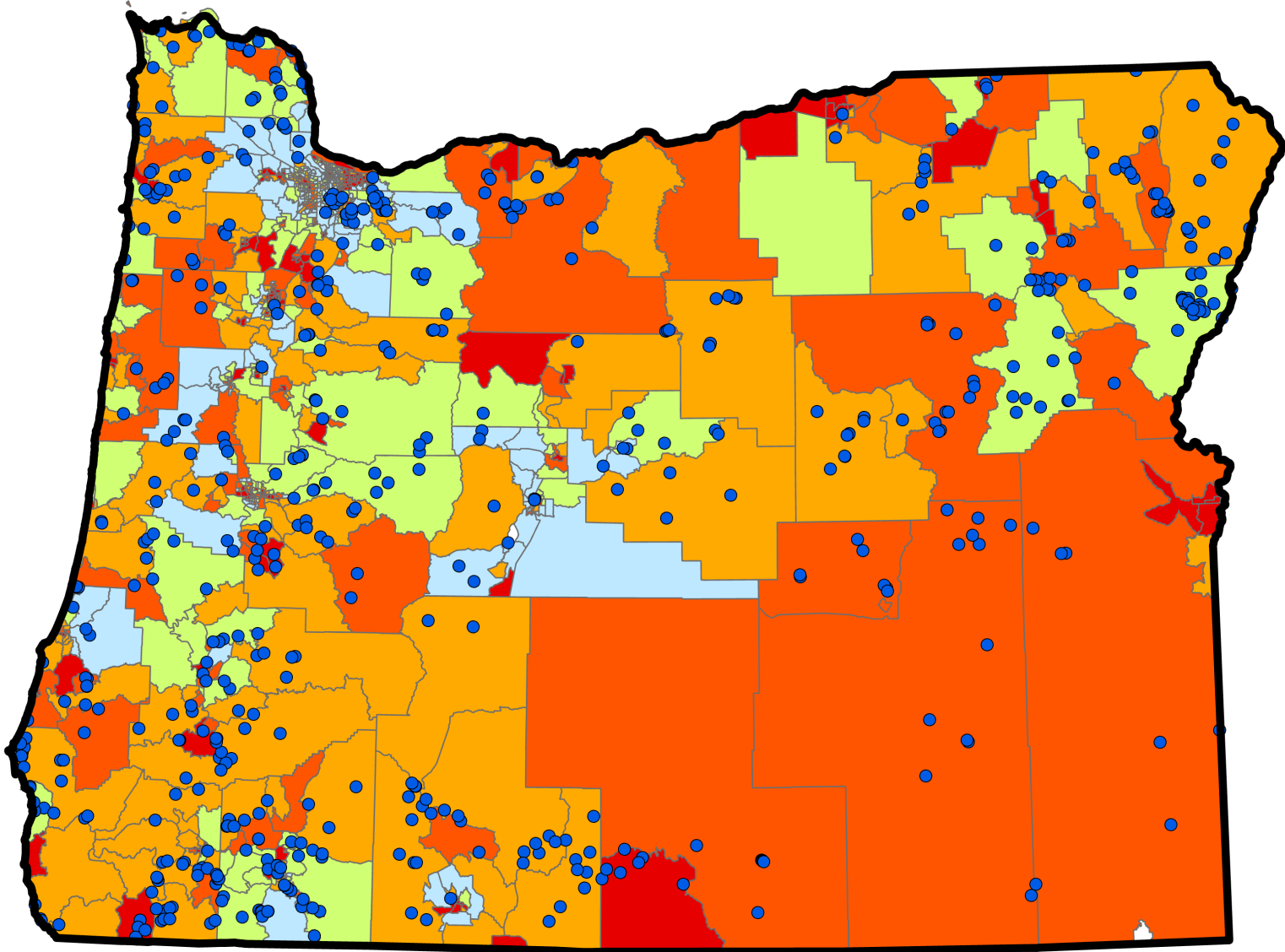
- Statute requires:
 - Develop and maintain a barrier priority list
 - Update every 5 years
- New OAR's took affect January 1, 2023
 - **Working collaboratively**
 - Defines new factors:
 - ✓ **predicted future conditions**
 - ✓ **effects of climate change**



ODFW Fish Passage Barrier Inventory



2025 ODFW Statewide Fish Passage Priority Barrier List



Public Process

- Three Public Comment Periods
- Five Passage Task Force Meetings
- Four Workgroup Meetings
- Updates from Districts and Partners



Methods

- Factors used to score:
 - Habitat quality
 - Habitat quantity
 - Level of passage
 - Number of species
 - ✓ ESA listed species
 - Local & regional input
 - **Thermal Suitability**
 - **Current Access to Cold Water**

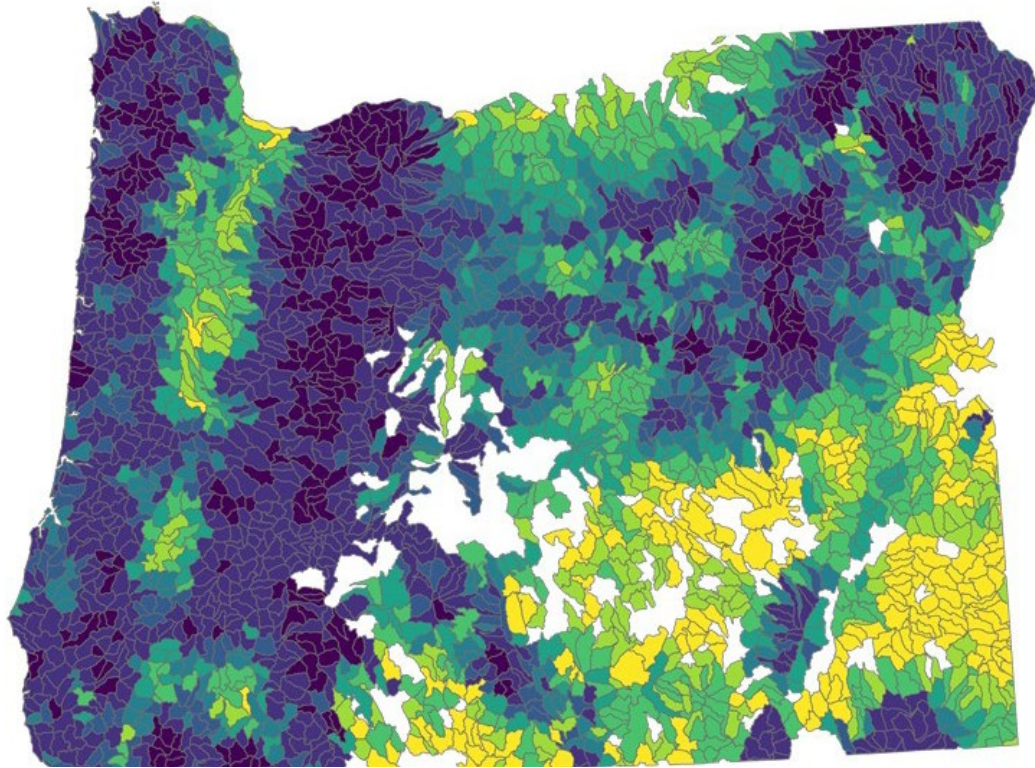


2025 Scoring Equation

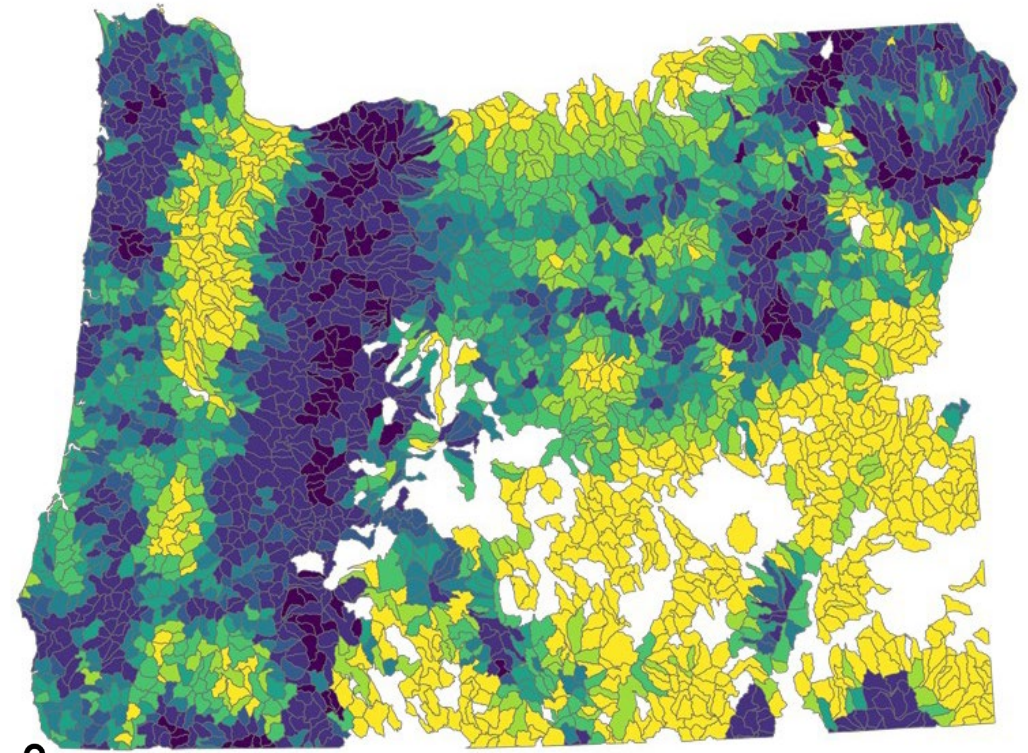
$$\begin{aligned} & (\text{Habitat Quantity} * \text{Habitat Quality}) * \left(\frac{\text{Level of Passage}}{5} \right) \\ & + \\ & (40 * \text{number endangered NMF species}) + (30 * \text{number threatened NMF species}) + (20 * \#NMF) \\ & + \\ & (15 * \#Auto Down) - (15 * \#Auto Up) + (30 * \text{Thermal Suitability}) + (30 * \text{Cold Water}) \end{aligned}$$

Change in Thermal Suitability

Current Thermal Suitability



Future Thermal Suitability



Species
Distribution

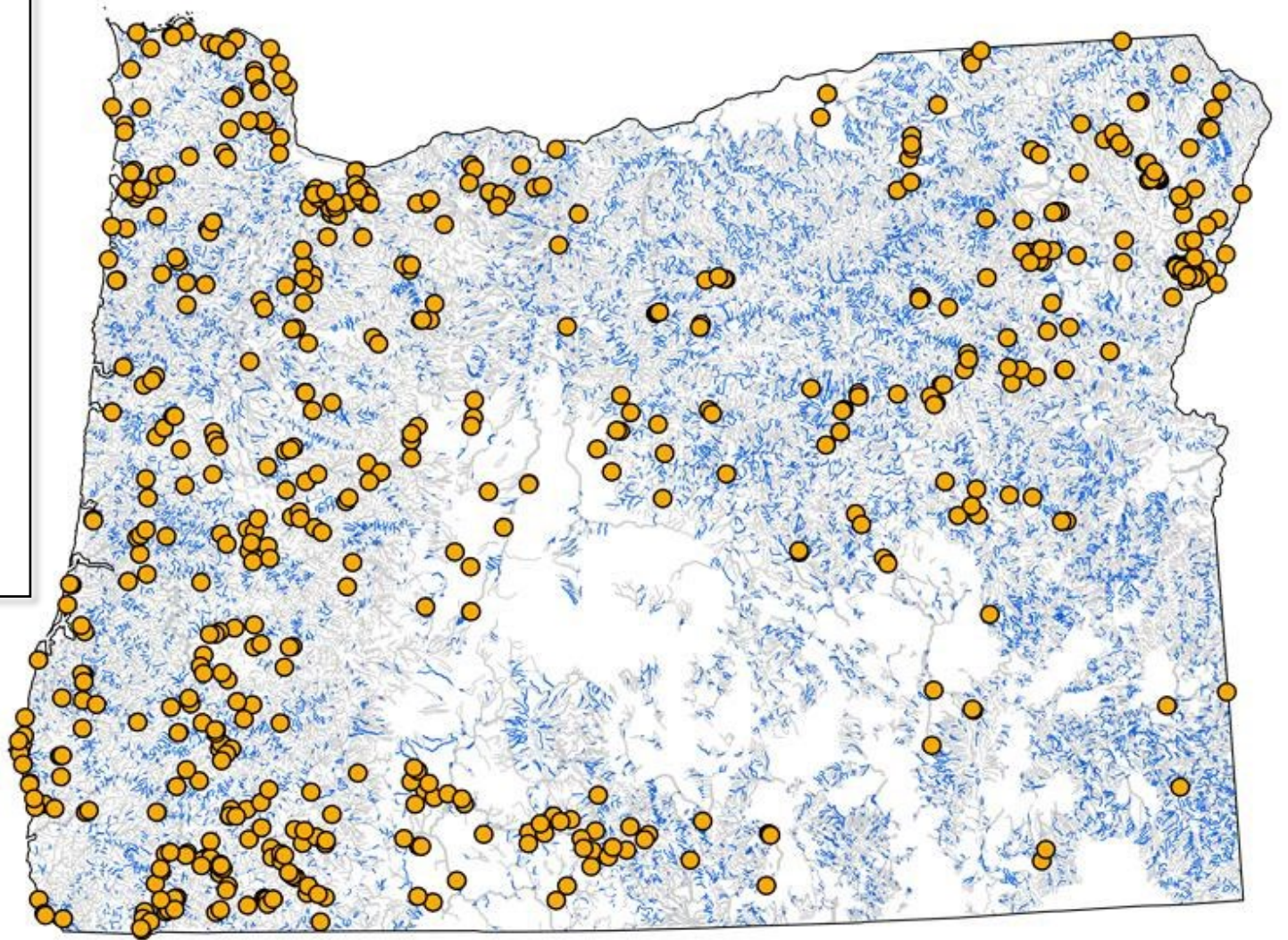
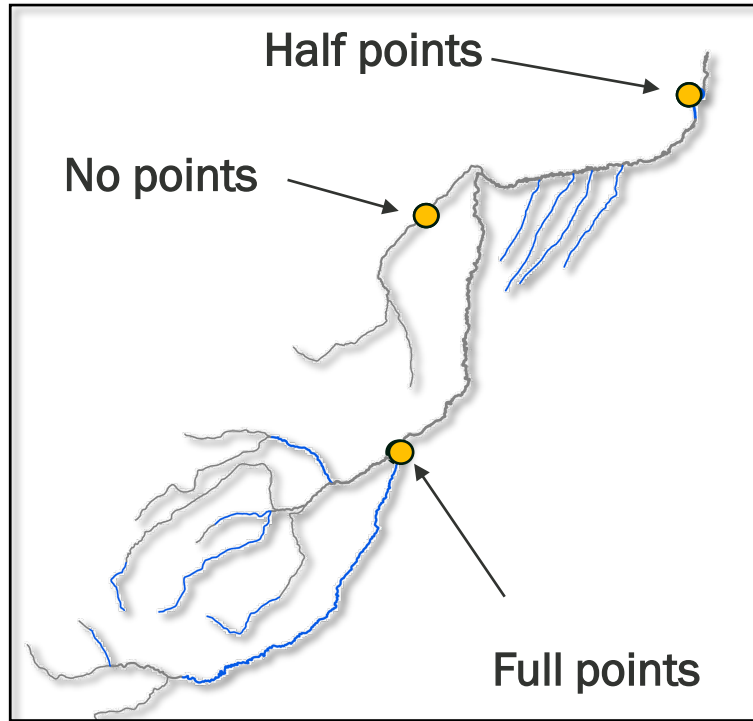


Temperature
Exposure

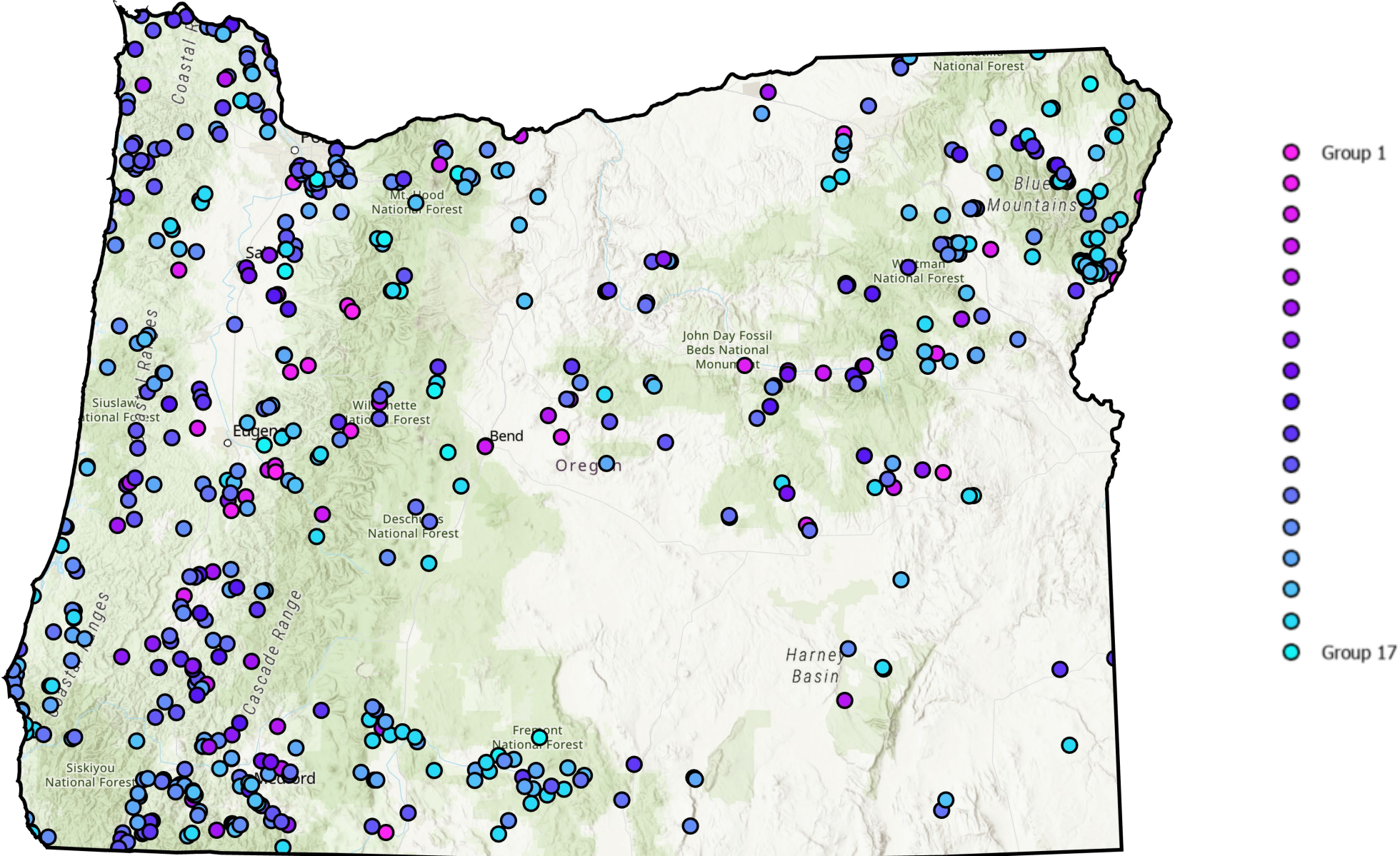


Thermal Sensitivity

Access to Cold Water Habitat



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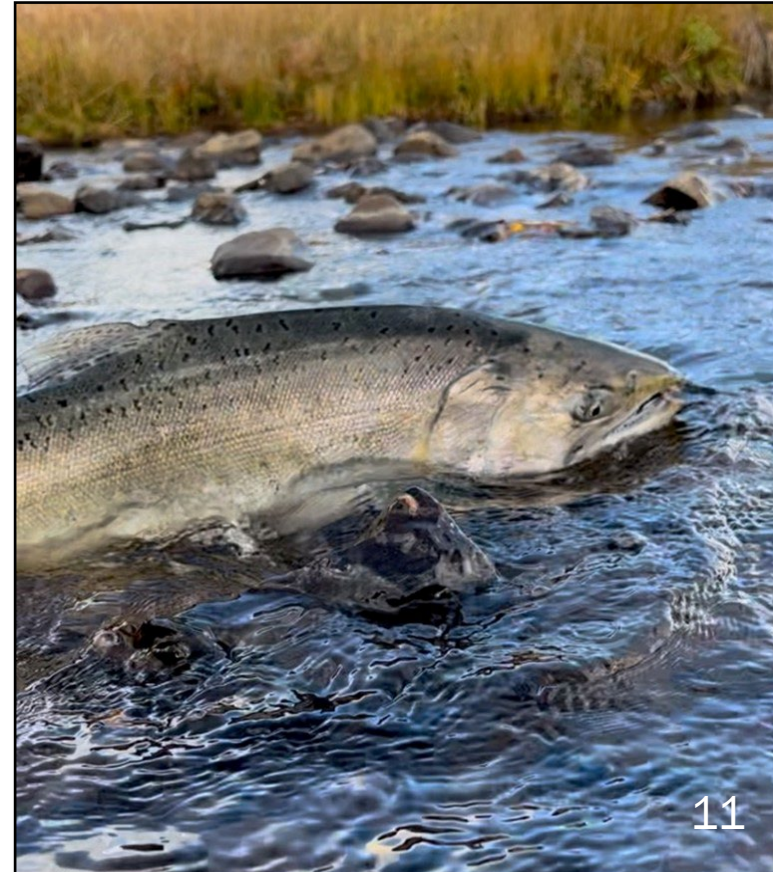


Key Accomplishments

2007	2013	2019	2025
91 17 projects addressed	588 75 projects addressed	582 86 projects addressed	611

Accomplishments 2019-2025

- John C. Boyle Dam (Top 10)
- 42 dams
- 40 culverts
- Tide gates, irrigation diversions etc.
- Over ~**1,450** miles of fish habitat!

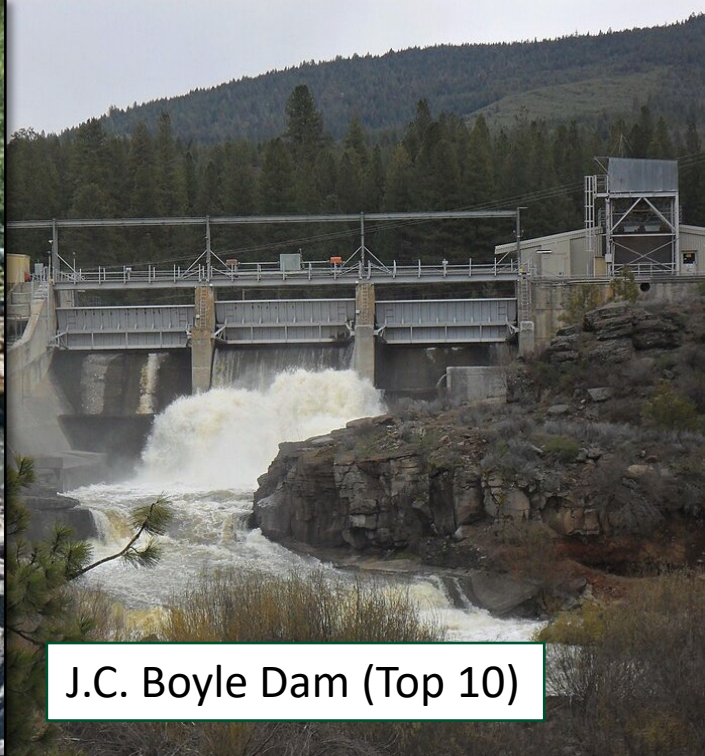




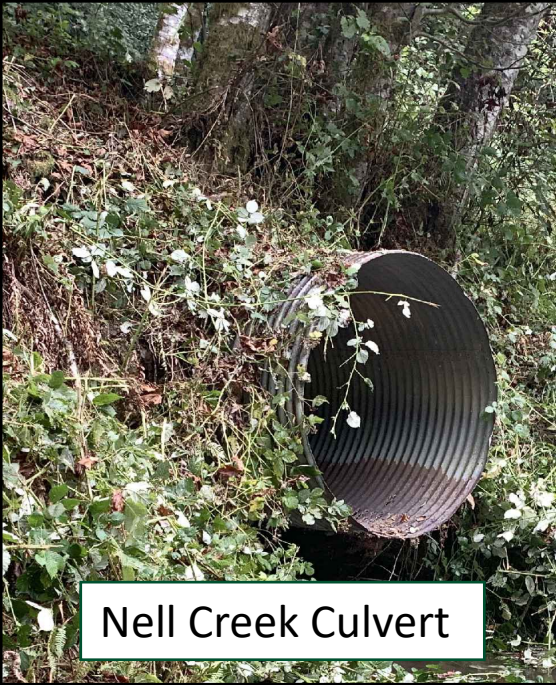
Henry Creek Culvert



Pomeroy Dam



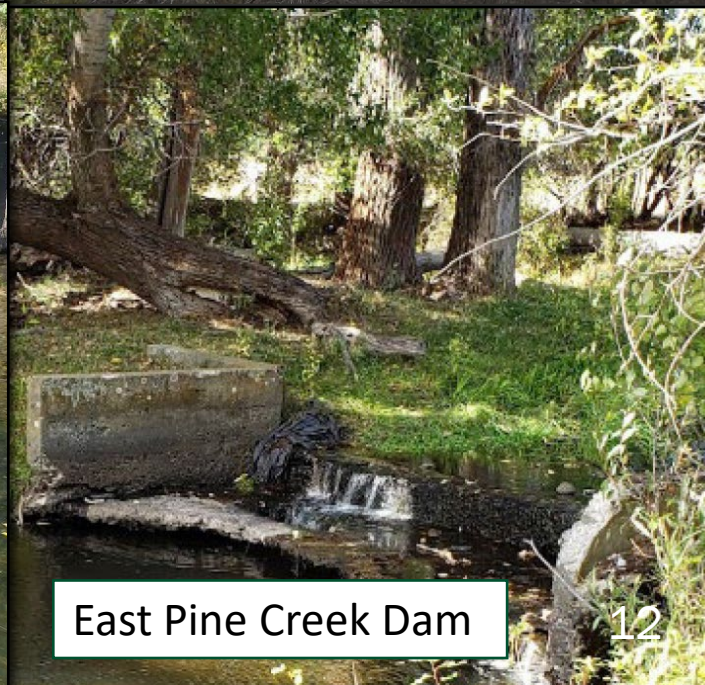
J.C. Boyle Dam (Top 10)



Nell Creek Culvert



Cedar Creek Hatchery



East Pine Creek Dam



Thank you!

Fish Passage Task Force
ODFW District Fish Biologists
ODFW Corvallis Research Lab
ODFW Natural Resource
Information Management Program
Public, Partners, and Others



ODFW Fish Passage: <https://www.dfw.state.or.us/fish/passage/>





Staff Recommendation

Approve the 2025 Statewide Fish Passage Priority Barrier List

Draft Motion

“I recommend approval of the 2025 Statewide Fish Passage Priority Barrier List, and direct department staff to work cooperatively with owners and operators of artificial obstructions on the priority list to provide fish passage.”



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of Fish and Wildlife**

