

# Welcome

**Our meeting will begin shortly**

Please ensure your microphone is muted and refrain from sharing video from your camera unless you are on the Committee or providing public comment.



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# 2024 Process Overview

## Day 1

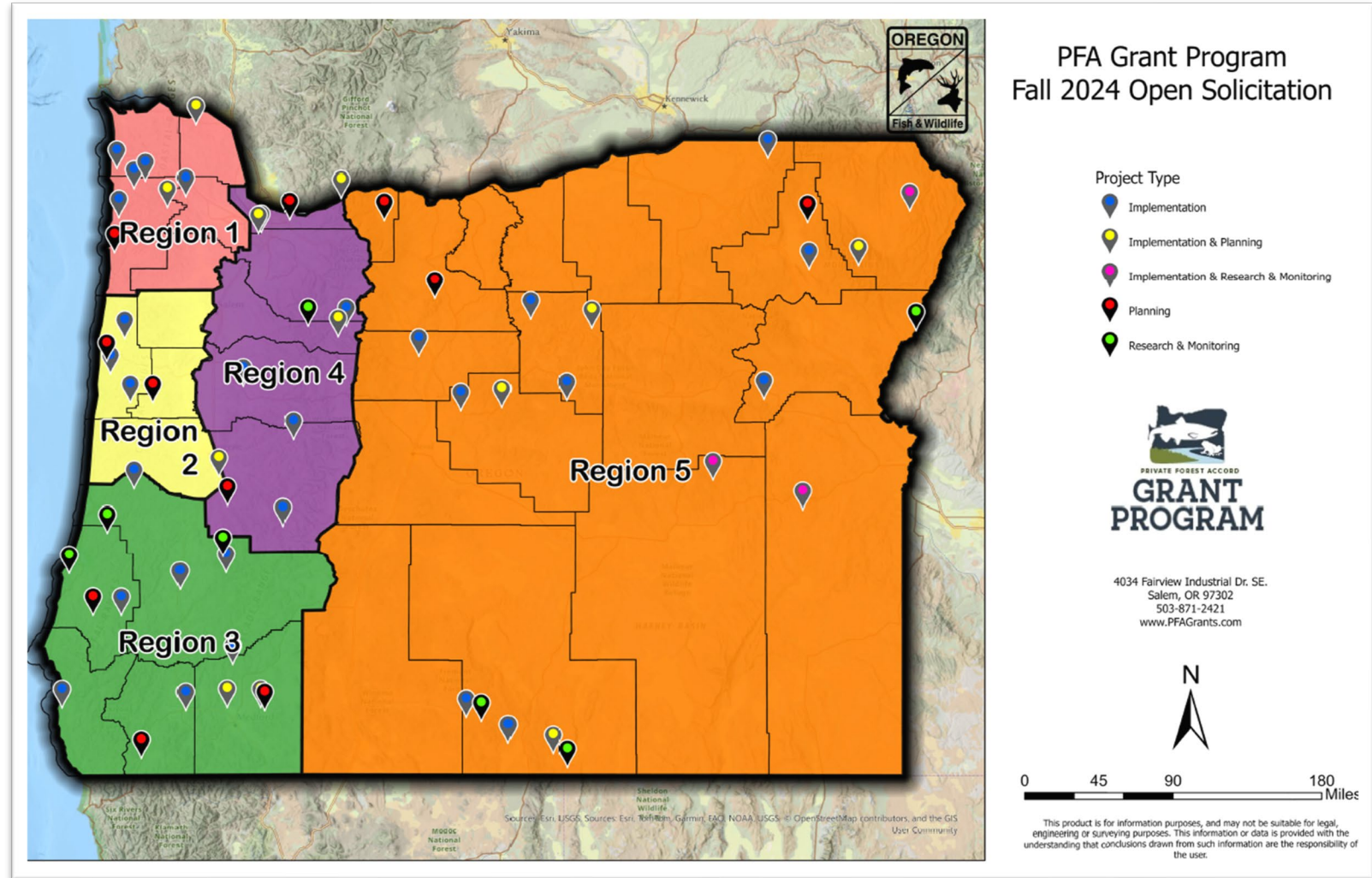
- 2025 Solicitation Recap
- Regional Presentations ~30 min each with Q&A
  - Critical & High Priority Projects
    - ODFW Priorities Presented

## Day 2

- Review Preliminary Funding Packet
- Advisory Committee Deliberations
- Advisory Committee Voting

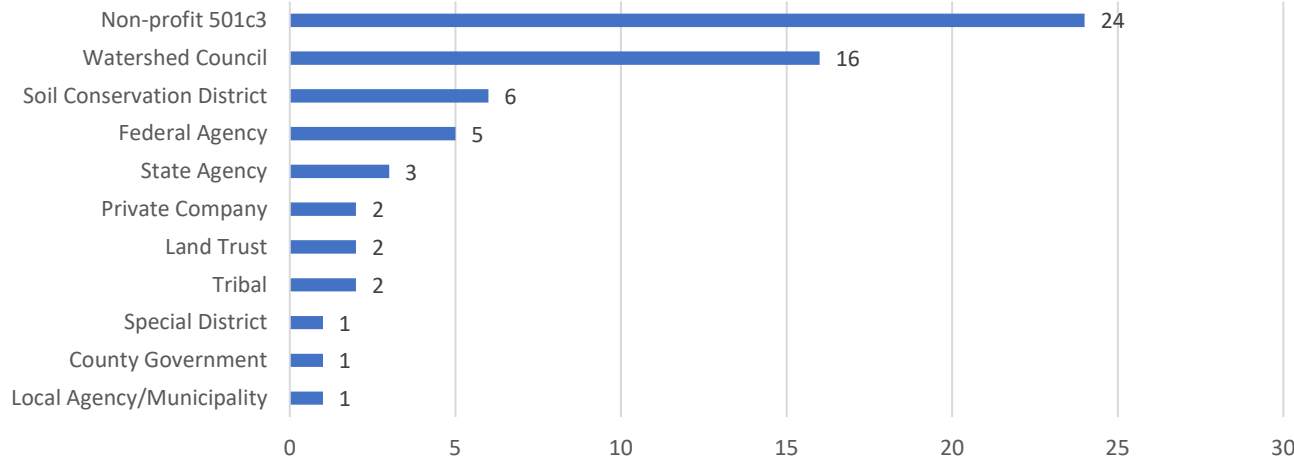
# 2024 Open Solicitation - Recap

- **6** Review Regions
- **63** Submissions
- **\$34+ Million** Requested
- **Largest Funding Ask:**  
\$5,000,000.00
- **Smallest Funding Ask:**  
\$49,960.00
- **Average Funding Ask:**  
\$550,000.00

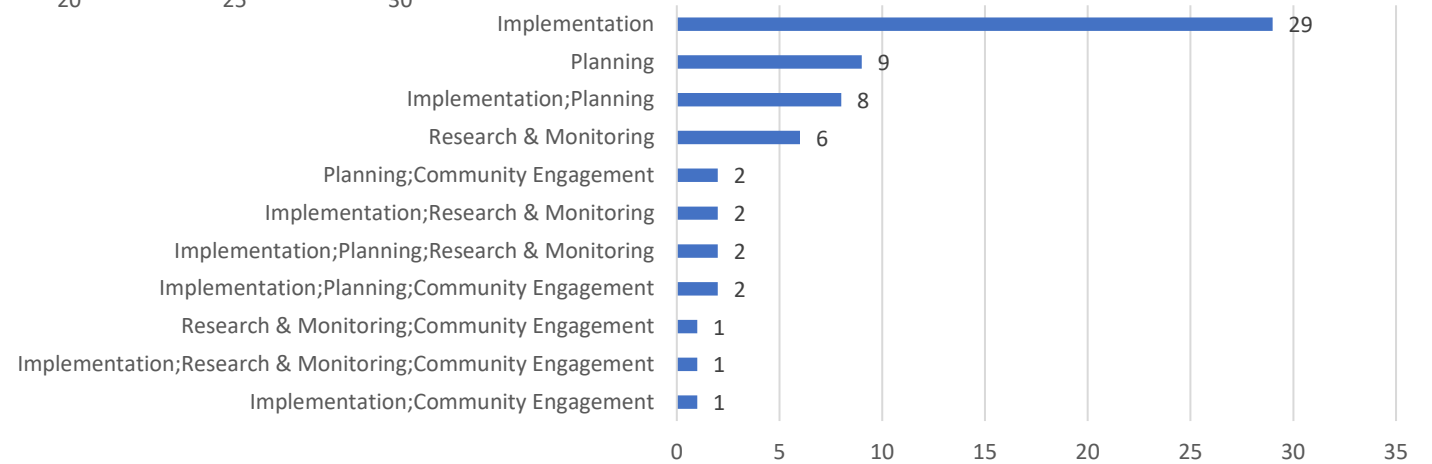


# 2024 Open Solicitation - Recap

## 2024 Lead Organization



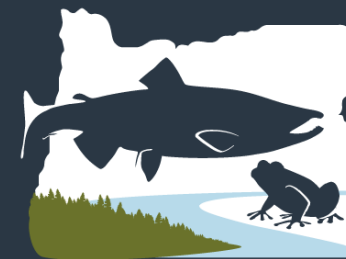
## 2024 Submission by Project Type





# Region 1 Presentation

Presented by: Kelsey Anderson



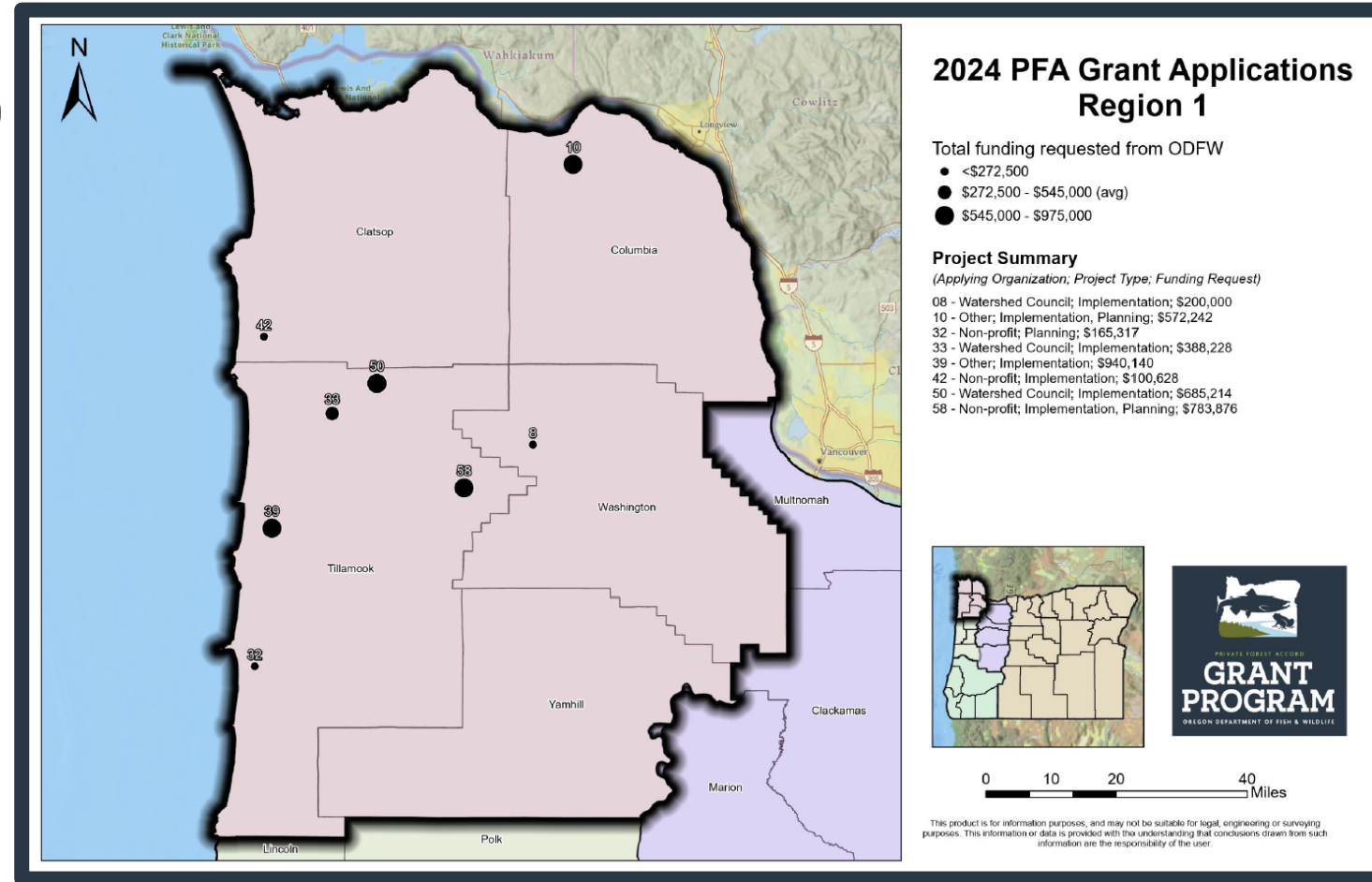
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# Regional Context and Background:

- \$ 3,835,645 Requested (11%)
  - Avg = \$479,455
- 8 Proposals Submitted
  - 5 Implementation
  - 2 Implementation/Planning
  - 1 Planning
- Priority
  - 2 Critical
  - 3 High
  - 3 Medium/Low
- 4/6 counties represented



# Regional Context and Background:

- HCP species in region

- Native salmon and cutthroat trout
- Green Sturgeon
- Columbia torrent salamander, Coastal giant salamander, Cope's giant salamander, Coastal tailed frog

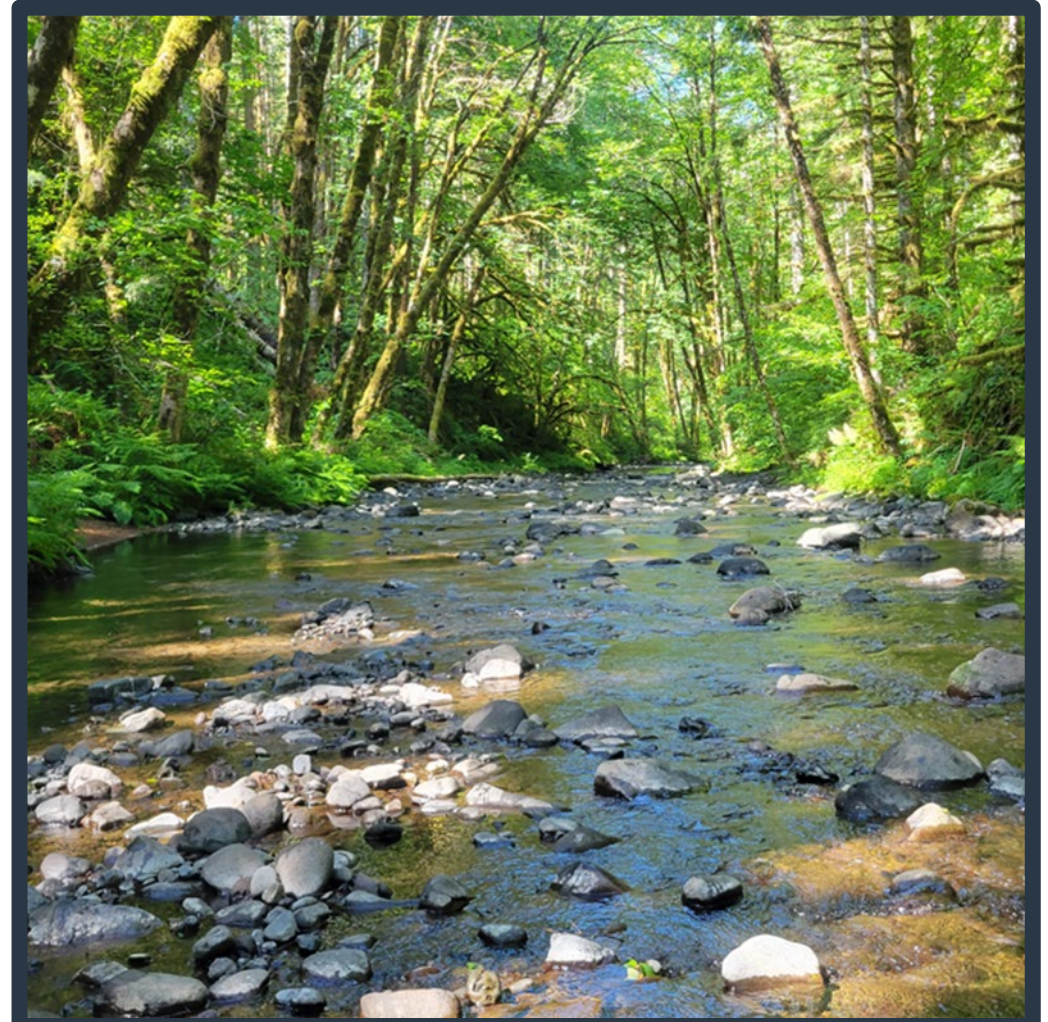


- Coho streams receive priority funding

- Limiting factors are loss of rearing habitat and lack of stream complexity

- Common issues

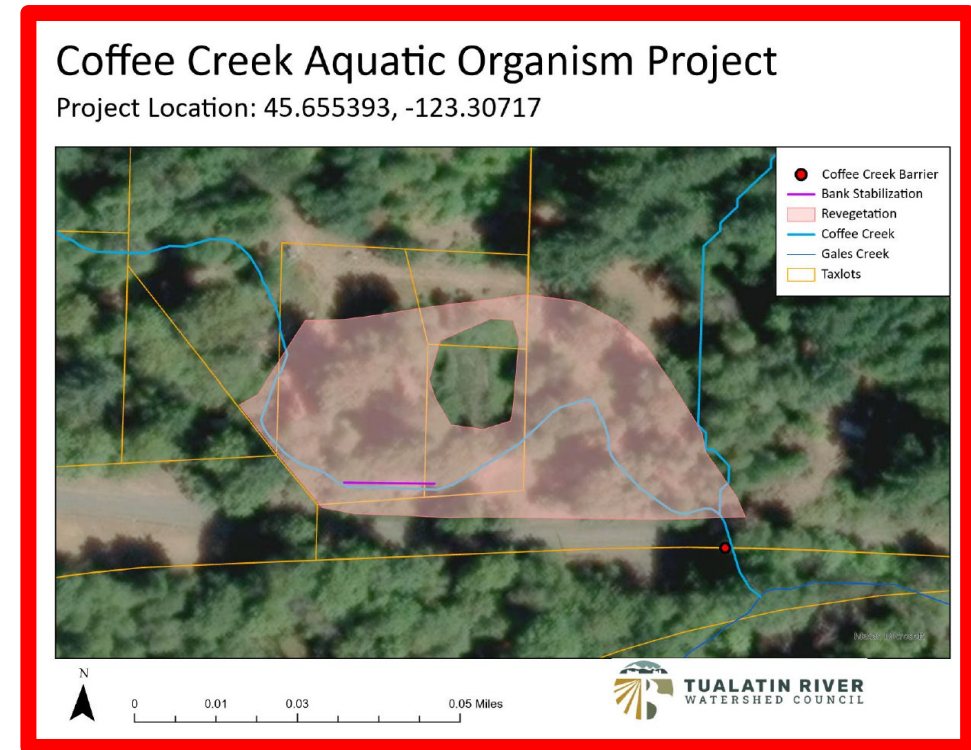
- Degraded water quality and habitat
- Fish passage
- Loss of cold water refugia
- Cutoff sloughs in wetlands



- Recommended conservation actions: maintain and enhance in-channel watershed function and connection to riparian habitat, flow, and hydrology

# Coffee Creek Aquatic Organism Passage Project

- **Applicant:** Tualatin River Watershed Council
- **Project Type:** Implementation
- **Cost:** \$200,000
- **HCP Species:** Native salmon and trout, Coastal and Cope's Giant Salamander, Coastal Tailed Frog, Columbia Torrent Salamander, Southern Torrent Salamander
- **Federally Protected/Endangered Species:** Upper Willamette Steelhead, Pacific Lamprey
- **Project:**
  - Fish passage to 4.1 miles of stream by replacing a double-barrel culvert to bridge and roughened chute
- **Benefits:**
  - Restore access to spawning grounds, winter refugia, summer rearing areas, and thermal refuge from the temperature-limited mainstem of Gales Creek
- **Concerns:**
  - Some implementation of the project within the stated budget is unknown
- **PFA Grants ODFW Priority Ranking:** **Critical**

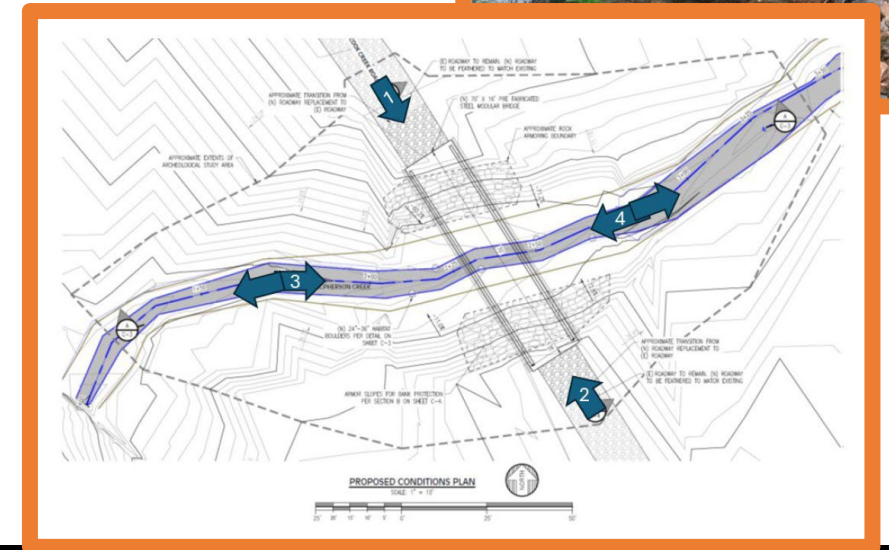






# McPherson Creek Fish Passage

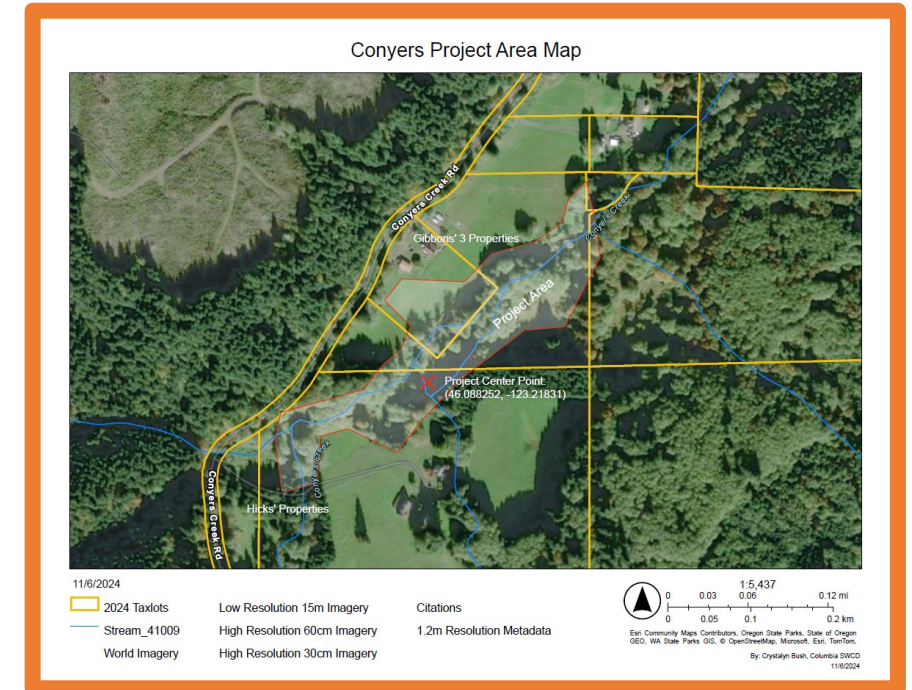
- **Applicant:** Lower Nehalem Watershed Council
- **Project Type:** Implementation
- **Cost:** \$388,228
- **HCP Species:** Native salmon and trout
- **Federally Protected/Endangered Species:** Oregon Coast Coho Salmon
- **Project:**
  - Replace undersized culvert and install a bridge to provide access to 0.65 miles of habitat
- **Benefits:**
  - Provide unimpeded access to spawning and rearing habitat
  - Allow for more natural transport of sediment and large wood
- **Concerns:**
  - Project timeline seems out of phase with the PFA grant process
- **PFA Grants ODFW Priority Ranking: High**



# Conyers Creek Habitat Diversification and Enhancement

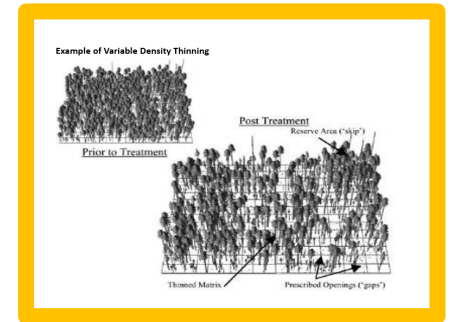
- **Applicant:** Columbia Soil and Water Conservation District
- **Project Type:** Planning and Implementation
- **Cost:** \$572,242
- **HCP Species:** Native salmon and trout
- **Federally Protected/Endangered Species:** Lower Columbia River Coho, Lower Columbia River Steelhead- Washington DPS, Lower Columbia River Chinook, and Columbia River Chum
- **Project:**
  - Will restore aquatic organism passage, floodplain-riparian habitat, and wetland habitats
- **Benefits:**
  - Project will restore hydrological processes, improving habitat connectivity and reducing sediment inputs
- **Concerns:**
  - The timeline for implementation, monitoring, and reporting extends up to 5 years

• **BEA Grants ODFW Priority Ranking:** High



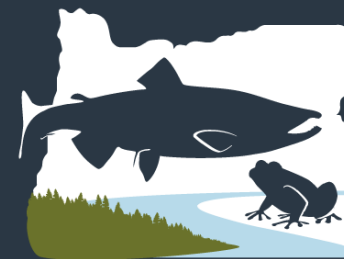
# PFA Grants ODFW Priority Ranking: Medium and Low

- Lower Davis Creek Fish Passage and Wetland Restoration Project (\$165,316)
- Rainforest Reserve Ecola Bowl Forest Habitat Restoration (\$100,628)
- Patterson Creek Phase 2 Construction (\$940,140)





# Region 1 Presentation Questions?



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# Region 2 Presentation

Presented by: Kevin Gray



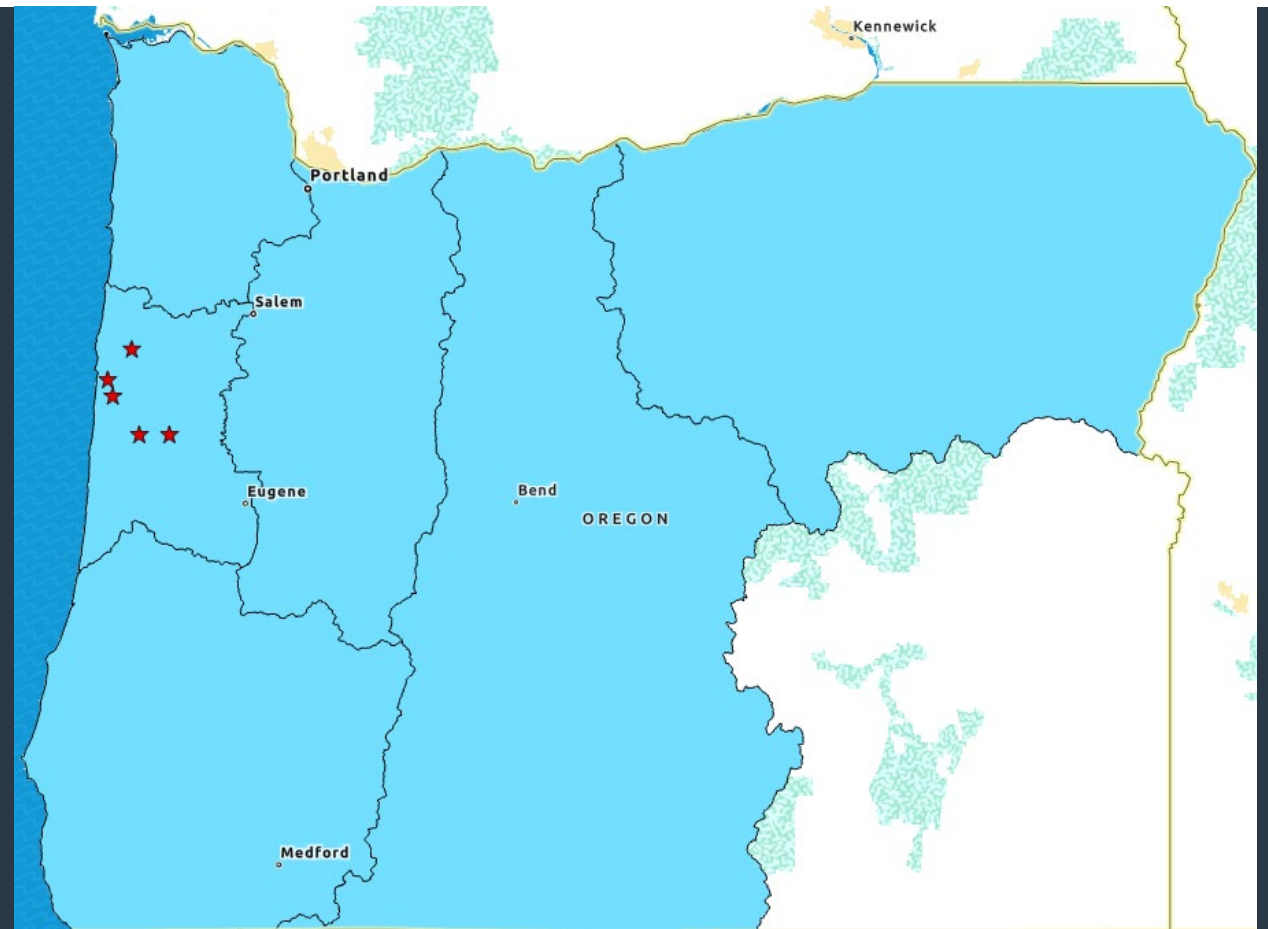
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# Regional Context and Background

- \$475,520 Requested
- 5 Proposals Submitted
  - 3 Implementation
  - 2 Planning
- Priority
  - 3 High
  - 1 Medium
  - 1 Low
- 2 counties represented
  - Lincoln County
  - Benton County



# Regional Context and Background

- **HCP species in region**

- Coho Salmon, Chinook Salmon, Coastal Cutthroat, Coastal Chum Salmon, Coastal Giant Salamander
- ESA Coho streams receive priority funding
- PFA Grant provides funding for Beaver Conservation, Riparian and Wetland Restoration, and Wood Augmentation

- **Common issues**

- Degraded habitat (e.g., due to agriculture, past forest practices, roads/crossings)
- High water temperatures
- Declining anadromous populations
- Ongoing Effects of climate change
- In-stream physical habitat (gravels), water quality primary limiting factors

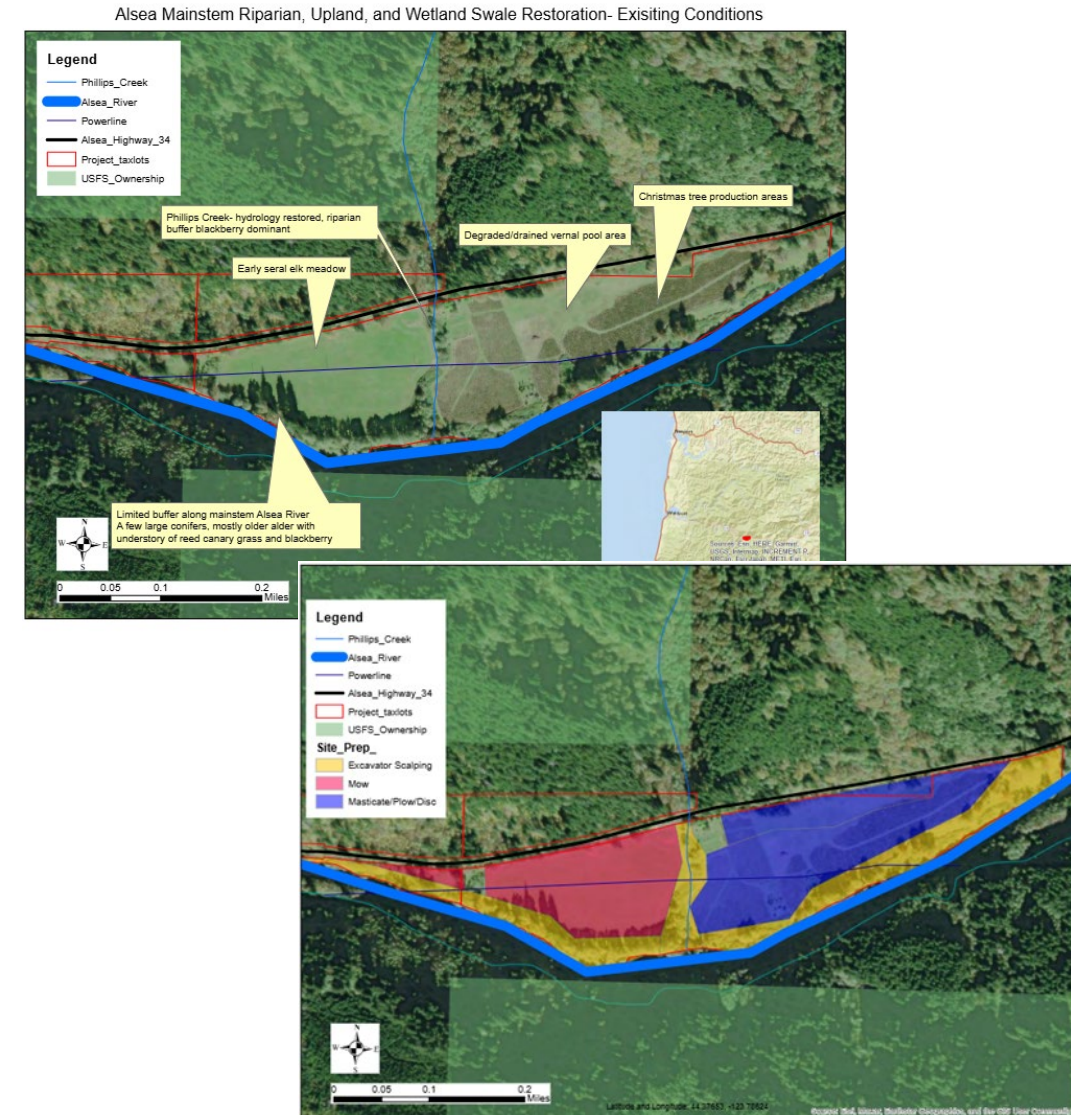
# Beaver Creek Valley-Scale Floodplain Restoration Design

- **Applicant:** Midcoast Watersheds Council
- **Project Type:** Planning
- **Cost:** \$49,960.00
- **HCP Species:** ESA Coho, Cutthroat, Pacific Giant Salamander
- **Project:** Finalize designs for a restoration project to restore stream and floodplain form, function, and processes in 37 acres of the Beaver Creek valley
- **Benefits:**
  - Restore floodplain connectivity, instream complexity and healthy riparian habitat
  - Increase winter and summer rearing habitat for juvenile salmonids
  - Build resiliency against the ongoing impacts of climate change
  - Co-benefits to Coastal Chinook, Steelhead, Pacific Lamprey, and Beaver
  - Placement of large wood, planting of riparian vegetation, and installation of Beaver Dam Anchors (BDAs) will restore stream and riparian function, processes, and habitat connectivity
- **Regional Priority:** High



# Alsea Mainstem Riparian, Upland, and Wetland Swale Restoration

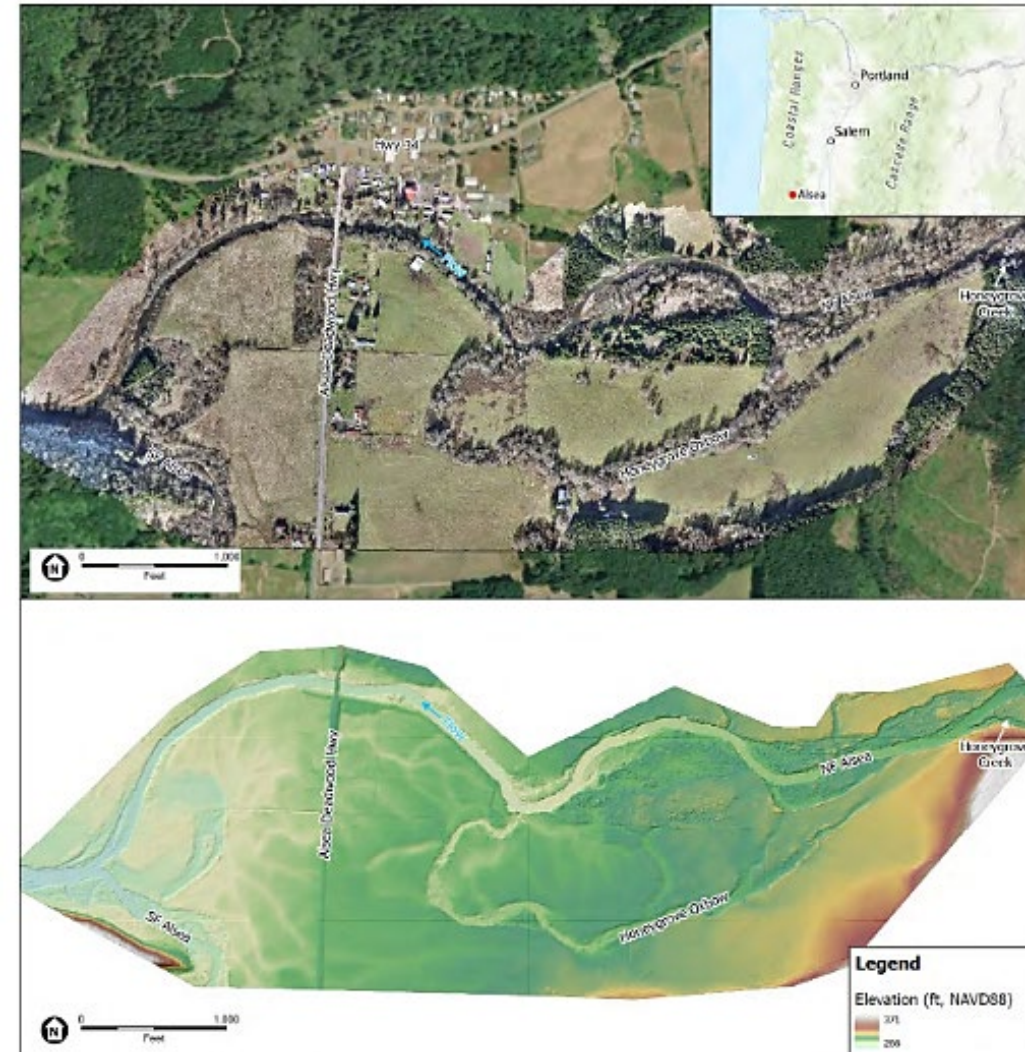
- **Applicant:** Midcoast Watersheds Council
- **Project Type:** Implementation
- **Cost:** \$87,985.45
- **HCP Species:** Coastal Giant Salamander, ESA Coho Salmon, Chinook Salmon, Coastal Steelhead and Coastal Cutthroat Trout
- **Project:** Restore 40 acres of degraded habitat along a 1-mile stretch of the Alsea River
- **Benefits:**
  - Enhances water quality and reduces stream temperatures
  - Establishes source of future LWD recruitment for spawning/rearing habitat
  - Removes/Reduces invasive plant species
  - Increases stream buffer to 200', adds 34 acres of native shrubs and trees, maintains 6 acres of early seral habitat (elk meadow)
  - Provides refuge and connectivity to both aquatic and terrestrial species
  - Landowners will place property in conservation easement following project completion-preserving land, water, and habitat
- **Regional Priority: High**



# Honeygrove Oxbow (Alsea) Reconnection Design

- **Applicant:** Midcoast Watersheds Council
- **Project Type:** Planning
- **Cost:** \$173,204
- **HCP Species:** Coastal Giant Salamander, ESA Coho Salmon, Chinook Salmon, Coastal Steelhead, Coastal Cutthroat Trout
- **Project:** Restore hydrologic connection and fish passage to 1-mile of relic oxbow channel in the N Fork Alsea River
- **Benefits:**
  - Provides future source of LWD for spawning/rearing habitat through a robust riparian restoration process
  - Preserves land as property owners aim to enroll in federal incentive programs for long-term habitat protection
  - Provides connectivity for aquatic species and important terrestrials, such as Pacific Giant Salamanders
  - Addressing primary limiting factors for Coho salmon recovery described in the NOAA Oregon Coast Recovery Plan
- **Regional Priority: High**

Honeygrove Oxbow Site Map and Lidar

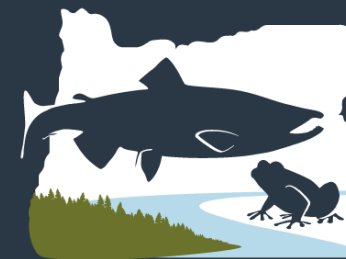


## PFA Grants ODFW Priority Ranking: Medium & Low

- Wright Creek Habitat Restoration (\$88,770.50) - *Medium*
- Lincoln County Parks Riparian Restoration (\$75,601.00) - *Low*



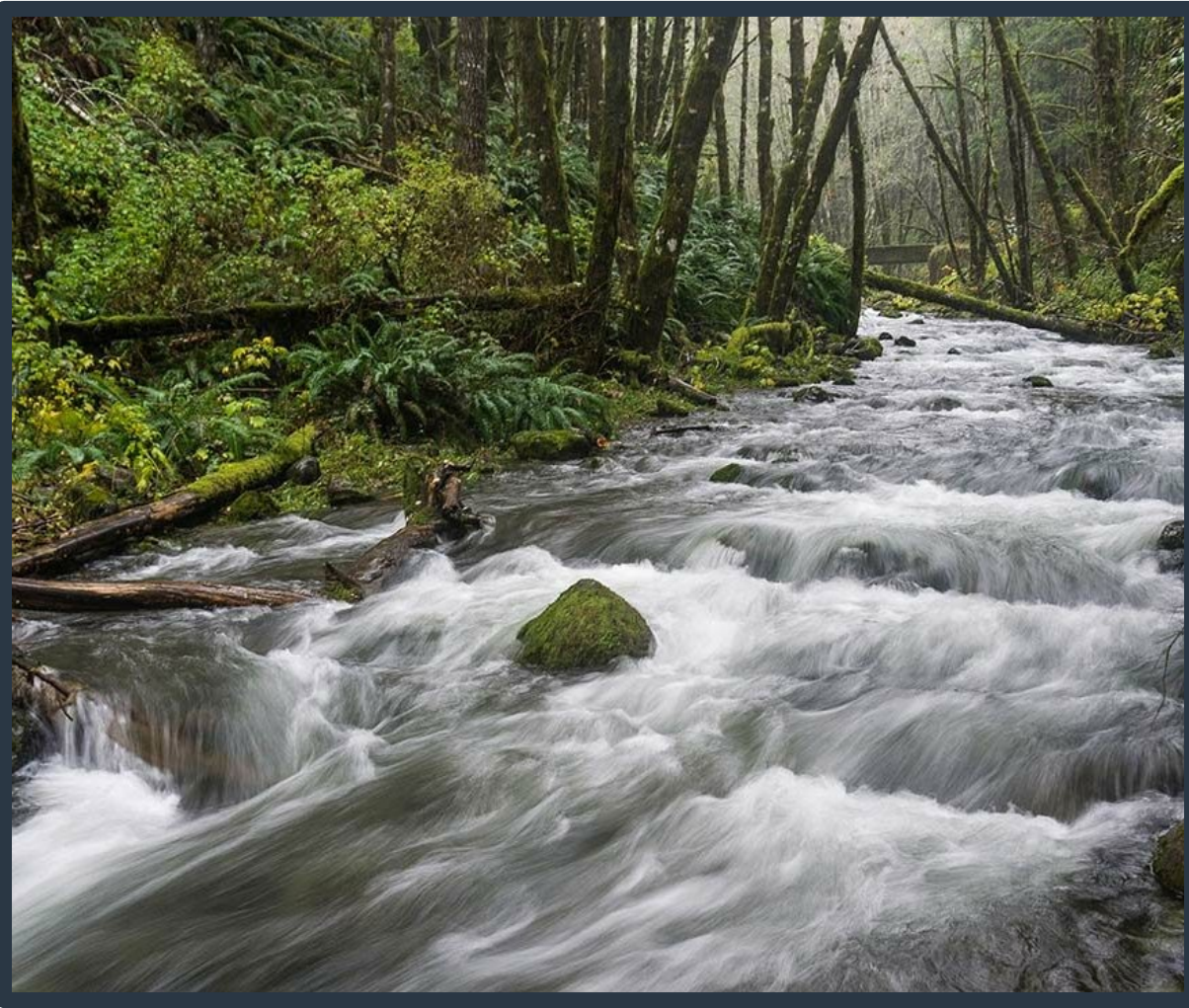
# Region 2 Presentation Questions?



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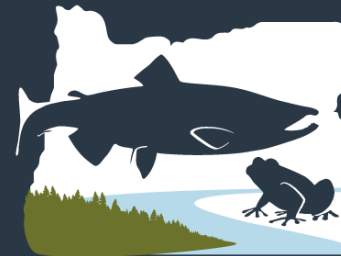
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# Region 3 Presentation

Presented by: AJ Van Domelen



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# General recap slide of the regions proposals

- 16 Proposals Submitted
- \$5.7 million Requested
- 6 Critical and High Priority proposals
- List any federally endangered or protected species
  - Lots of good projects submitted



# Crane Creek: Concrete Weir Removal and Fish Passage Restoration

- **Applicant:** Smith River Watershed Council
- **Project Type:** Implementation
- **Cost:** \$371,026.00
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), fall Chinook (*O. tshawytscha*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*).
- **Project:**
  - Removal of two concrete weirs and construction of a simulated riffle to improve fish passage to 40 miles of fish habitat.
- **Benefits:**
  - Improves passage to 40 miles of fish habitat. Increasing availability of movement during more flow conditions and for more life stages of HCP species
  - Basin has seen significant investment and completion of in stream restoration upstream of project site.
- **Regional Priority:** **Critical**

# Four Creeks Instream Habitat Restoration Project

- **Applicant:** Smith River Watershed Council
- **Project Type:** Implementation
- **Cost:**\$307,002.00
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), fall Chinook (*O. tshawytscha*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*).
- **Project:**
  - In stream habitat improvement and restoration of four tributaries of the West Fork Smith River.
- **Benefits:**
  - In conjunction with other proposed and previous projects in this basin.
  - Likely to be the final treatment for these tributaries.
  - Significant spawning and rearing habitat uplift for this highly simplified basin
- **Regional Priority: High**

# Honey Creek Floodplain Restoration and Road Realignment

- **Applicant:** Partnership for the Umpqua Rivers
- **Project Type:** Implementation
- **Cost:** \$316,716.00
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*), Coastal giant salamander (*Dicamptodon tenebrosus*).
- **Project:**
  - Floodplain restoration and road movement
- **Benefits:**
  - Likely to create improved spawning and rearing habitat in the lowest reach of a tributary to the North Umpqua River
  - Improved public and private access to upstream lands.
  - Limits likelihood of future damage caused by road in floodplain.
- **Regional Priority: Medium**

# Honey Creek Floodplain Restoration and Road Realignment

- **Applicant:** Partnership for the Umpqua Rivers
- **Project Type:** Implementation
- **Cost:** \$316,716.00
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*), Coastal giant salamander (*Dicamptodon tenebrosus*).
- **Project:**
  - Floodplain restoration and road movement
- **Benefits:**
  - Likely to create improved spawning and rearing habitat in the lowest reach of a tributary to the North Umpqua River
  - Improved public and private access to upstream lands.
  - Limits likelihood of future damage caused by road in floodplain.
- **Regional Priority: Medium**



# Invasive Crayfish Monitoring - North Umpqua Subbasin & Potential Transfer Areas

- **Applicant:** The North Umpqua Foundation
- **Project Type:** Research and Monitoring
- **Cost:**\$96,238.00
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*), Coastal giant salamander (*Dicamptodon tenebrosus*), Coastal tailed frog (*Ascaphus truei*), Southern torrent salamander (*Rhyacotriton variegatus*).
- **Project:**
  - Continued monitoring of invasive crayfish in several watersheds.
- **Benefits:**
  - Allows continued tracking of the range expansion of invasive crayfish in HCP occupied habitat
  - Would allow swifter and more effective management if a control method becomes available.
- **Regional Priority: Medium**

# Parrott Creek Barrier Removal Project

- **Applicant:** WaterWatch of Oregon
- **Project Type:** Implementation
- **Cost:** \$477,250.00
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*)
- **Project:**
  - Removal of concrete dam, instream restoration, and passage structures in two culverts
- **Benefits:**
  - Increases access to habitat in the South Umpqua River
- **Regional Priority: Medium**



# Sandy Creek Whole Watershed Restoration-Phase II: Fish Habitat Enhancement

- **Applicant:** Coquille Watershed Association
- **Project Type:** Implementation
- **Cost:** \$483,736.54
- **HCP Species:** ESU Oregon Coast Coho (*Oncorhynchus kisutch*), fall Chinook (*O. tshawytscha*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*).
- **Project:**
  - In stream restoration of 1.3 miles of stream habitat.
- **Benefits:**
  - Builds on strong partnership and finishes in stream work in the basin.
  - Improves critical spawning and rearing habitat in system that is lacking in stream complexity.
- **Regional Priority:** **Critical**

# Rogue Estuary Rearing Habitat

- **Applicant:** Curry Soil & Water Conservation District
- **Project Type:** Implementation
- **Cost:** \$519,685.00
- **HCP Species:** Coho (*Oncorhynchus kisutch*), fall and spring Chinook (*O. tshawytscha*), coastal cutthroat trout (*O. clarki clarki*), and winter steelhead (*O. mykiss*).
- **Project:**
  - Construction of tidal slough habitat in the Rogue Estuary
- **Benefits:**
  - Construction of critical habitat type for smolting salmonids.
  - Habitat type is currently extremely limited in this basin. Rare for opportunities to increase and improve access to this type of habitat.
- **Regional Priority:** **Critical**

# Fruitdale Drive Culvert Replacement Project

- **Applicant:** Josephine County
- **Project Type:** Implementation
- **Cost:** \$3,482,043.00
- **HCP Species:** Coho (*Oncorhynchus kisutch*), Summer and winter steelhead (*O. mykiss*)
- **Project:**
  - Replaces 2 impassable culverts
- **Benefits:**
  - Adds access to 1.3 miles of habitat.
  - Increases access to potential cool water refugia in area that already sees significant heat stress and will likely continue to with current climate projections.
- **Regional Priority: High**



# West Fork Trail and Chicago Creeks Fish Passage Project

- **Applicant:** Rogue River Watershed Council
- **Project Type:** Implementation
- **Cost:** \$398,238.00
- **HCP Species:** Coho (*Oncorhynchus kisutch*), Summer and winter steelhead (*O. mykiss*), Coastal Cutthroat Trout, Coastal tailed frog (*Ascaphus truei*), Coastal giant salamander (*Dicamptodon tenebrosus*)
- **Project:**
  - Improves passage by replacing 2 undersized and perched culverts
- **Benefits:**
  - Adds access to 5 miles of habitat.
  - Improves access to lands that have been impacted by prior timber harvest activities.
  - Futures in stream restoration actions planned in this watershed
- **Regional Priority: High**

# Little Butte Creek Fish Passage Project

- **Applicant:** Trout Unlimited
- **Project Type:** Planning
- **Cost:** \$336,241.03
- **HCP Species:** Coho (*Oncorhynchus kisutch*), fall Chinook (*O. tshawytscha*), coastal cutthroat trout (*O. clarki clarki*), Summer and winter steelhead (*O. mykiss*).
- **Project:**
  - Design passage improvements at 3 diversion dam structures on Little Butte Creek
- **Benefits:**
  - Completed project would see improved passage to 53+ miles of spawning and rearing habitat.
  - Completed project would increase access to cool water refugia in highly heat stressed system.
- **Regional Priority: High**



## Medium Priority

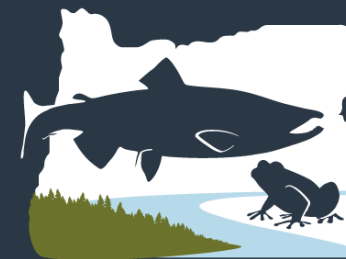
- **Rogue River Flow Restoration Project (\$317,011.04)**
- **Illinois Valley Flow Restoration Project (\$413,247.32)**

## Low priority and Not Ready for Funding projects

- **River Corridor Restoration Experiment: Pre-monitoring and model applications**
- **Assessing the effects of coastal beavers on multiple ecosystem functions**
- **Developing a Beaver Boardwalk and Restoring Habitat on Redwood Highway — Phase 1**



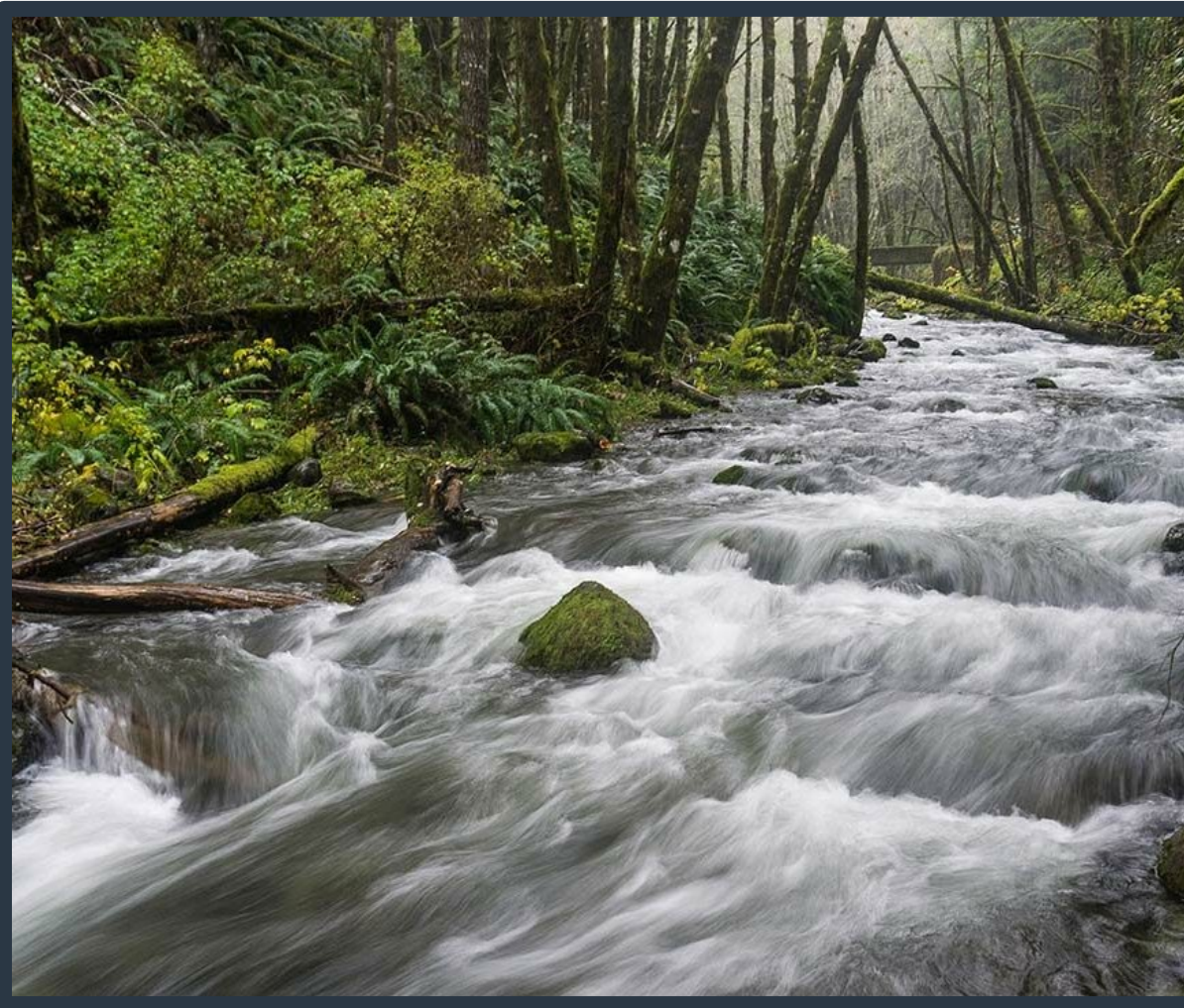
# Region 3 Presentation Questions?



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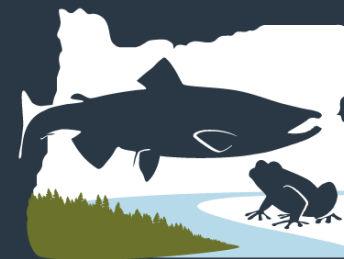
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# Region 4 Presentation

Presented by: Paul Olmsted



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## Region 4 Highlights:

- 13 Proposals Submitted
- 11.7 Million Requested
- 4 of Critical and High Priority



# Region 4 West Cascades Overview

- **Major River Basins:**

- Sandy River
- Clackamas River
- Molalla River
- North Santiam
- South Santiam
- Calapooia River
- McKenzie River
- Middle Fork Willamette
- Coast Fork Willamette

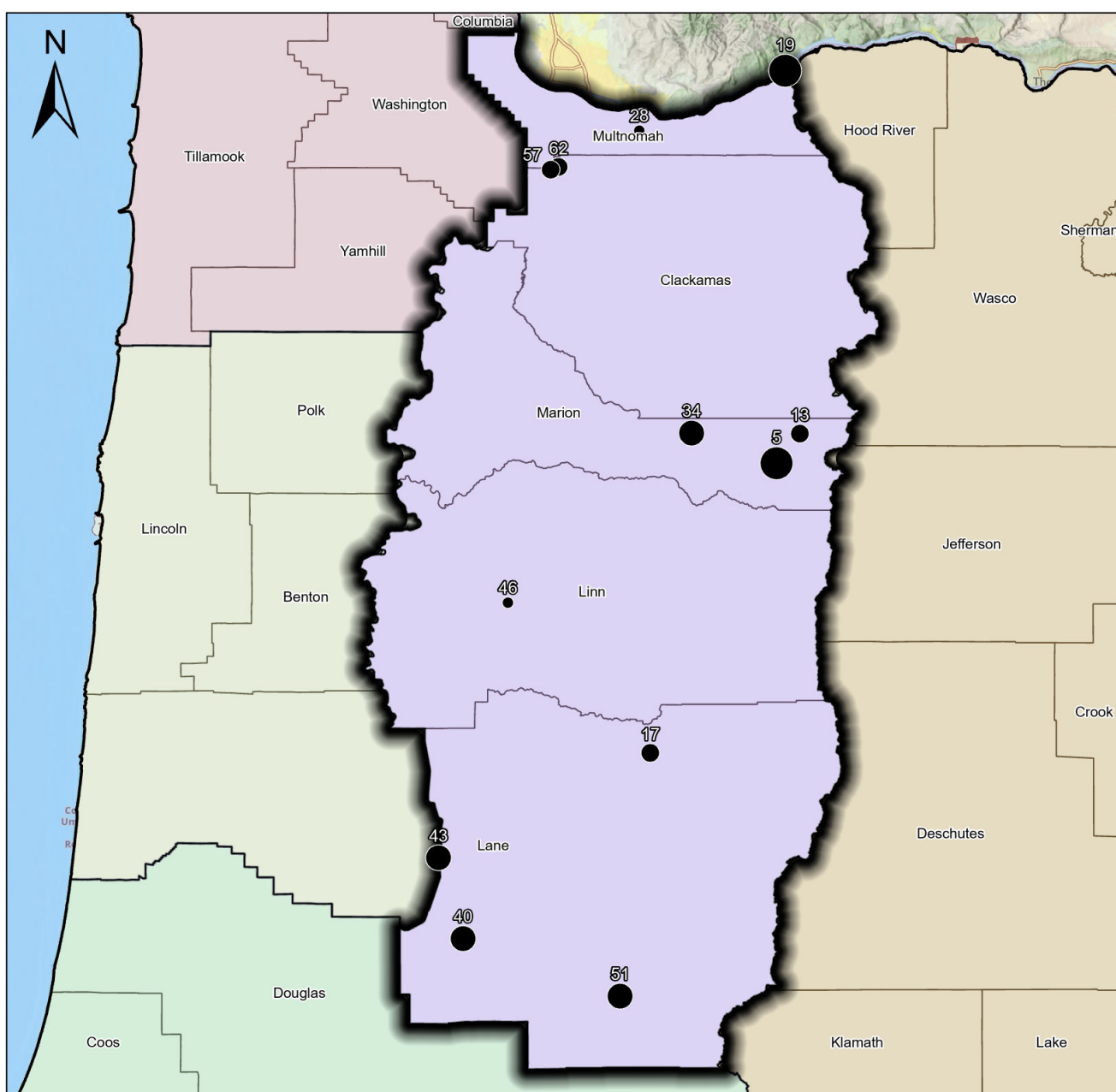
- **ESA Listed/Species of Concern:**

- Lower Columbia Spring Chinook, Winter Steelhead, Coho
- Upper Willamette Spring Chinook, Winter Steelhead
- Bull Trout

- **Regional Issues/Priorities:**

- Degraded habitat
- Water quality
- Stream complexity
- Wildfire impacts
- High Head Dams/Fish Passage





# 2024 PFA Grant Applications Region 4

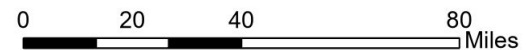
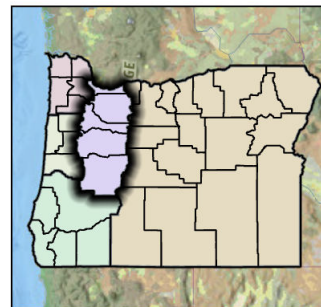
Total funding requested from ODFW

- <\$272,500
- \$272,500 - \$545,000 (avg)
- \$545,000 - \$975,000
- >\$975,000

## Project Summary

*(Applying Organization; Project Type; Funding Request)*

- 05 - Other; Implementation, Planning; \$2,900,000
- 07 - Other; Research & Monitoring; \$395,153 [not shown on map]
- 13 - Non-profit; Implementation; \$368,188
- 17 - Other; Implementation; \$374,986
- 19 - Non-profit; Implementation, Planning, Research & Monitoring; \$3,000,000
- 28 - Other; Planning, Community Engagement; \$224,929
- 34 - Other; Research & Monitoring; \$876,235
- 40 - Other; Planning; \$840,000
- 43 - Non-profit; Implementation, Planning, Community Engagement; \$824,090
- 46 - Watershed Council; Implementation; \$80,665
- 51 - Other; Implementation; \$867,450
- 57 - Watershed Council; Implementation, Planning, Community Engagement; \$485,247
- 62 - Watershed Council; Implementation, Community Engagement; \$499,551



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# Cub Creek Restoration Phase III

- **Applicant:** Trout Unlimited, Clackamas River Chapter
- **Project Type:** Implementation
- **Cost:** \$368,188.00
- **HCP Species:**
  - Bull trout
  - Native salmonids
  - ESA-listed: Spring Chinook, Winter Steelhead, Coho, Bull trout
- **Project Summary:**
  - Upper Clackamas large wood placement of up to 927 pieces of large wood over a 4.5 mile stretch via helicopter to increase stream complexity, water quality, and fish habitat
- **Benefits:** High conservation potential location, multiple ESA species uplift, part of a multi-phase restoration
- **Concerns:** Condition of the degraded wood on site, options for additional wood if needed
- **Regional Priority:** **High**



# Finn Rock

- **Applicant:** McKenzie River Trust
- **Project Type:** Implementation
- **Cost:** \$374,985.89
- **HCP Species:**
  - Native salmonids, bull trout
  - Coastal giant salamander, southern torrent salamander
  - ESA-listed: Bull trout, Spring Chinook
- **Project Summary:** Restore native vegetation to a 150 acre floodplain along the McKenzie River by planting native vegetation/removing invasives on land previously impacted by logging, mining, and wildfire.
- **Benefits:** High conservation value site location, known spring Chinook spawning and rearing, high quality habitat reach, builds upon previous instream work
- **Concerns:** Vegetation restoration can be difficult to maintain long term and permanently, R3 approach to planting in riparian uncertain
- **Regional Priority:** High



# Mechanisms of Habitat Change and Stream Amphibian Responses in Large Burns

- **Applicant:** USGS
- **Project Type:** Research & Monitoring
- **Cost:** \$876,234.90
- **HCP Species:**
  - Coastal Giant Salamander
  - Coastal Tailed Frog
  - Columbia Torrent Salamander
- ESA-listed: None
- **Project Summary:** Study land use and 2020 wildfire impacts on amphibian habitats across public and private land in the West Cascades to inform Best Management Practices for future amphibian/forest management
- **Benefits:** Provide much needed information on amphibian habitats and land use impacts, direct future restoration that is amphibian specific, wildfire resiliency for amphibians
- **Concerns:** Applicant notes difficulty with these types of studies to get clear, concise conclusions
- **Regional Priority:** High



# Reroute and Restore Hill Creek at the Bald Kob Mill Site in Creswell, OR

- **Applicant:** Coast Fork Willamette Watershed Council
- **Project Type:** Planning, Implementation, Community Engagement
- **Cost:** \$824,090.00
- **HCP Species:**
  - Native Salmonids (Cutthroat trout)
  - Coastal Giant Salamander
  - ESA-listed: none
- **Project Summary:** Re-route and restore Hill Creek to bypass remnant log ponds, mill race, and dam, connecting 8.5 miles of upstream habitat for cutthroat trout, lamprey, beavers
- **Benefits:** Removes an ODFW priority fish passage barrier, opens up 8.5 miles of habitat that is currently blocked, restores habitat that was impacted by the timber industry, potential to restore a popular stocked trout fishery in nearby Garden Lake
- **Concerns:** No ESA listed species
- **Regional Priority:** High



# Multiple Medium Priority Sites

- Kelly Creek Dam Removal and Restoration Project, Preliminary Planning and Design, Mt Hood Community College (\$224,928.50)
  - Sandy River basin, located at Mt. Hood Community College Campus
  - Planning and Community Engagement, planning for dam removal and community outreach
- Sand Prairie Floodplain Restoration, US Forest Service (\$867,450.00)
  - Middle Fork Willamette (above Hills Creek Reservoir) near Oakridge
  - Implementation, floodplain restoration, channel formation, large wood placement
- Elk Rock Island Back Channel Restoration Project, North Clackamas Watershed Council (\$499,551.00)
  - Willamette River below Willamette Falls, near Milwaukie
  - Implementation, wood jams placement in side channel habitat
- River Creek Rewilding, South Santiam Watershed Council (\$80,664.50)
  - Noble Creek, near Lebanon (South Santiam basin)
  - Implementation, riparian and upland planting
- Perkins Creek AOP Project, BLM (\$840,000)
  - Perkins Creek (Coast Fk. Willamette basin), near Cottage Grove
  - Implementation, culvert replacement
- Breitenbush River Watershed AOP Project, US Forest Service (\$2.9M)
  - Breitenbush River (North Santiam basin), near Detroit

# Low Priority/Not Ready For Funding

- Tyron Creek Riparian Restoration
  - Tyron Creek Watershed Council
  - 10 acre riparian implementation, State Park management plan
- Can Salmon Survive in a Warming Climate (\$395,153.00)
  - Portland State University
  - Genetic work to determine markers for stream temperature tolerances in rainbow trout
- Fix Salmon Counts Which are Declining at Bonneville Dam (\$3M)
  - David White
  - Construct and attach seal deterrent cages below fish ladders at Bonneville Dam

# Questions

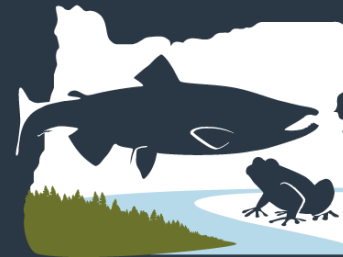




# Region 5 Presentation

Presented by:

- **Kirsten Ressel**
- **Jeremy Webster**



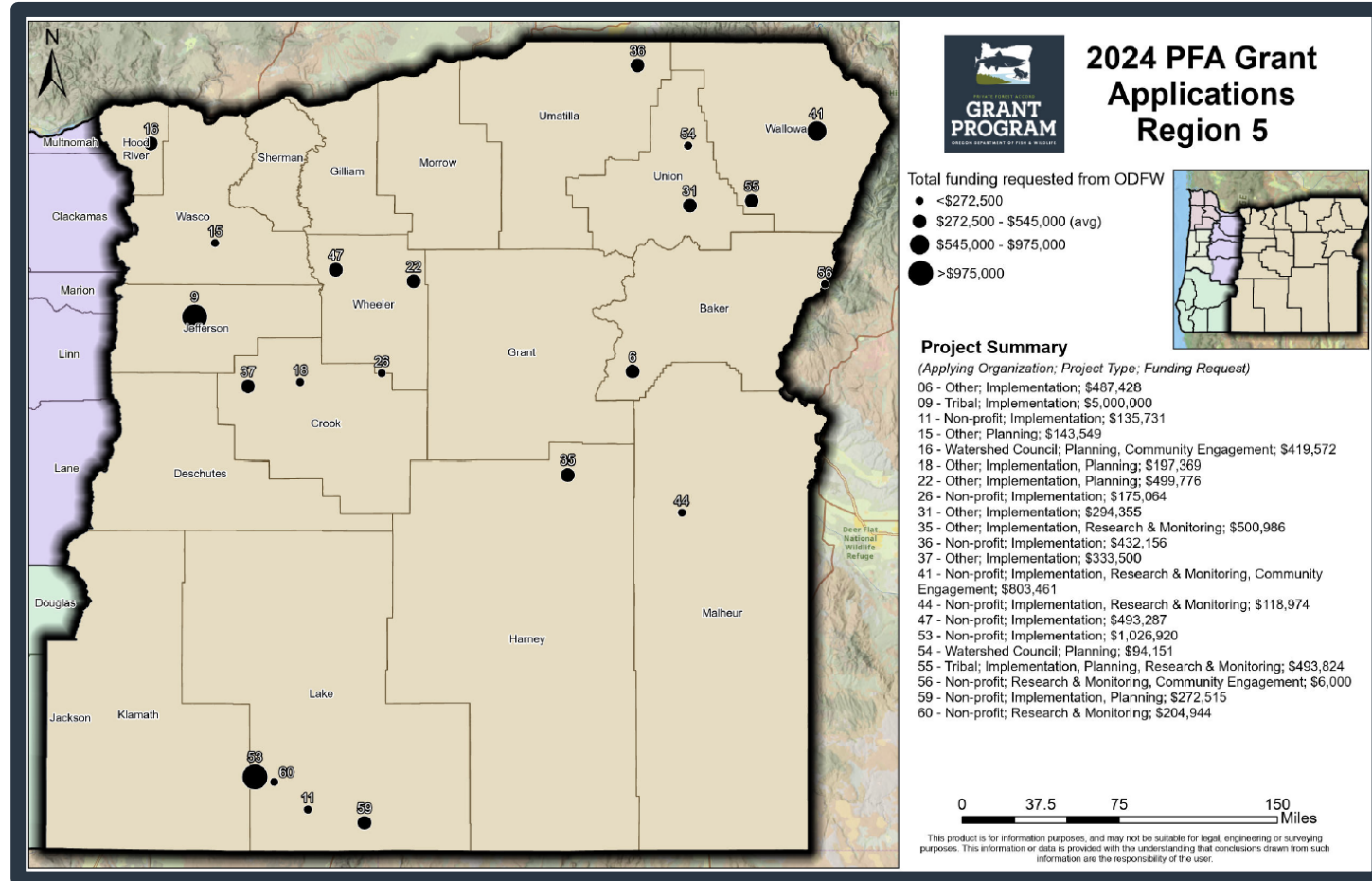
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# GRANT PROGRAM

OREGON DEPARTMENT OF FISH & WILDLIFE

# Regional Context and Background:

- \$12,133,561 Requested (36%)
  - Avg = \$577,789
- 21 Proposals Submitted
  - 9 Implementation
  - 2 Planning
  - 1 Research & Monitoring
  - 9 Multiple
- Priority
  - 5 Critical
  - 9 High
  - 2 Medium
  - 4 Low
  - 1 Not Ready for Funding
- 12/18 counties represented



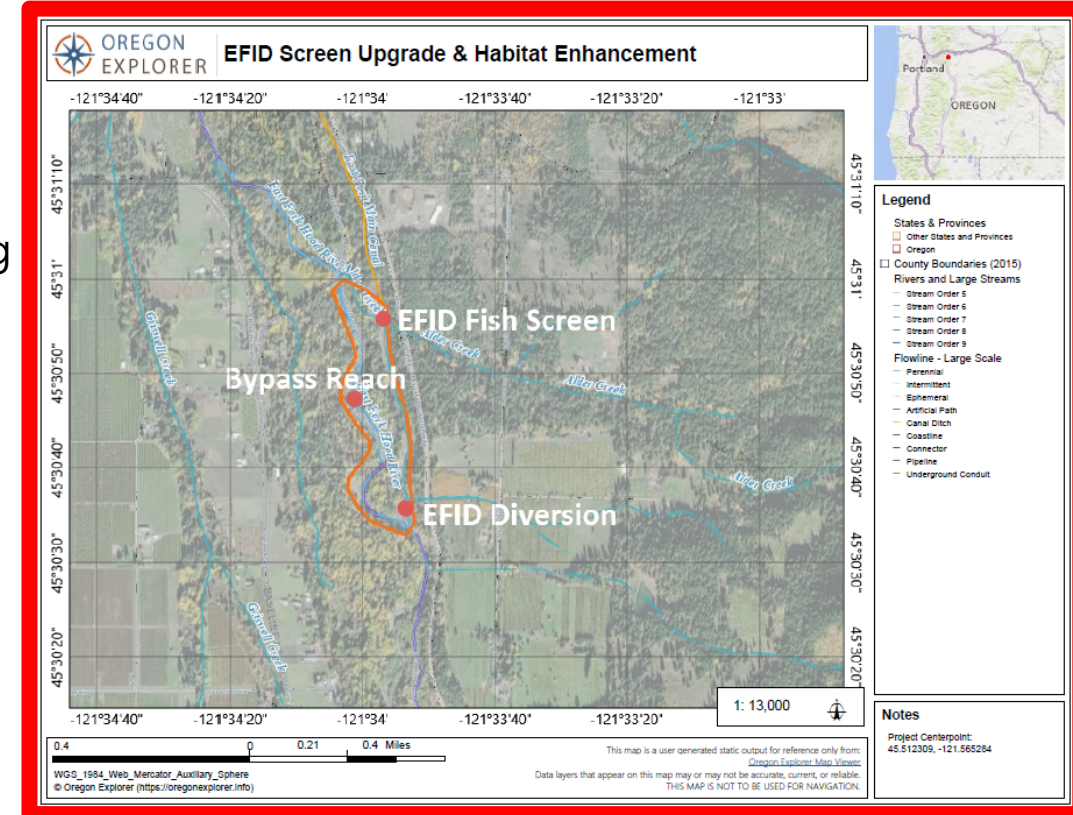
# Regional Context and Background:

- HCP species in region
  - Bull Trout, Giant Salamander (Klamath R.), Mountain Whitefish, Salmonids
- Chinook streams receive priority funding
  - PFA Grant provides funding for Steelhead and other trout streams that are otherwise out-competed
- Common issues
  - Degraded habitat (e.g., due to agriculture and ranching)
  - Fish entrainment within irrigation networks
  - High water temperatures
  - Juvenile salmonid summer survival
  - Dry/intermittent streams
  - Declining anadromous populations/Nonnative competition
  - Catastrophic wildfires



# East Fork Irrigation District Screen Upgrade & Habitat Enhancement Design

- **Applicant:** Hood River Watershed Group
- **Project Type:** Planning, Community Engagement
- **Cost:** \$419,572
- **HCP Species:** Chinook, Coho, Cutthroat trout, Rainbow trout, Steelhead
- **Federally Protected/Endangered Species:** Lower-C Spring Chinook, Lower-C Coho, Lower-C Winter Steelhead
- **Project:**
  - Develop engineered design to move fish screen 0.43 mi closer to head gate and enhance habitat within bypass
- **Benefits:**
  - Benefits *many* HCP species
  - Would likely save lives of *thousands* of ESA-listed fish annually
  - Includes habitat enhancement and would keep more water in-stream
- **Concerns:**
  - Limited mention of coordination with ODFW (which is needed)



**Critical**

# Fish Passage and Screening in The Upper Ochoco Creek Watershed: Phase 2

- **Applicant:** Crook Soil and Water Conservation District
- **Project Type:** Implementation, Planning
- **Cost:** \$197,369
- **HCP Species:** Redband trout
- **Federally Protected/Endangered Species:** N/A
- **Project:**
  - Take fish passage designs from 60% to completion
  - Improve fish passage at two sites
  - Install one fish screen
- **Benefits:**
  - Prevents entrainment of fishes in irrigation network
  - Part of holistic approach to improve passage in entire watershed
  - Encourages landowners' participation in conservation efforts
- **Concerns:**
  - May have limited success due to extremely low-flows in summer



• **PEA Grants ODFW Priority Ranking:** **Critical**

# Little Creek Buffalo Flats Restoration

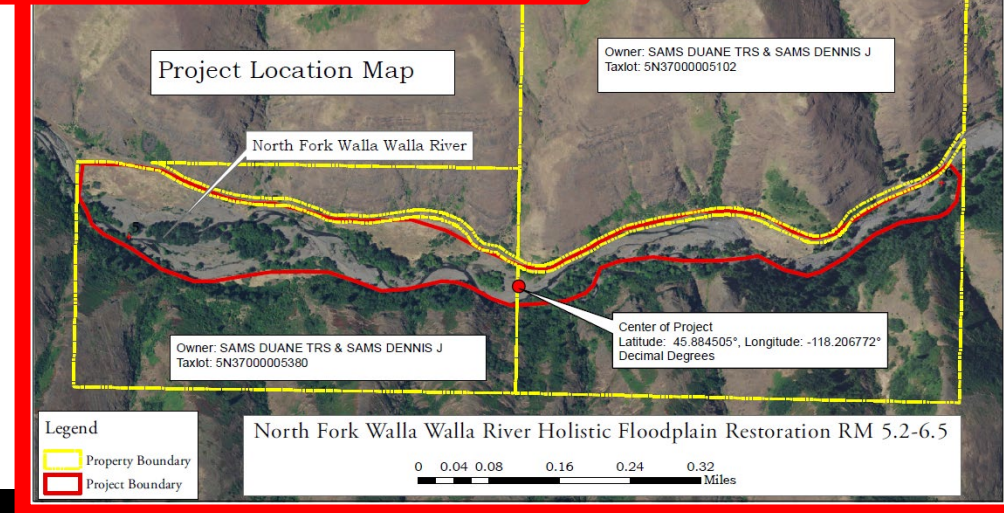
- **Applicant:** Union Soil and Water Conservation District
- **Project Type:** Implementation
- **Cost:** \$294,355
- **HCP Species:** Bull Trout, Chinook, Redband trout, Steelhead
- **Federally Protected/Endangered Species:** Bull Trout, SR Spring/Summer Chinook, SR Steelhead
- **Project:**
  - Install fish screen and habitat structures
  - Part of larger 1.25 mi, 268 acre restoration project
- **Benefits:**
  - Supports working lands
  - Landowner is pursuing permanent conservation agreement
- **Concerns:**
  - Project does not have community support for in-stream work (there are no known concerns for the project component requesting PFA funds)



• **PFA Grants ODFW Priority Ranking: Critical**

# North Fork Walla Walla River Holistic Floodplain Restoration RM 5.2-6.5

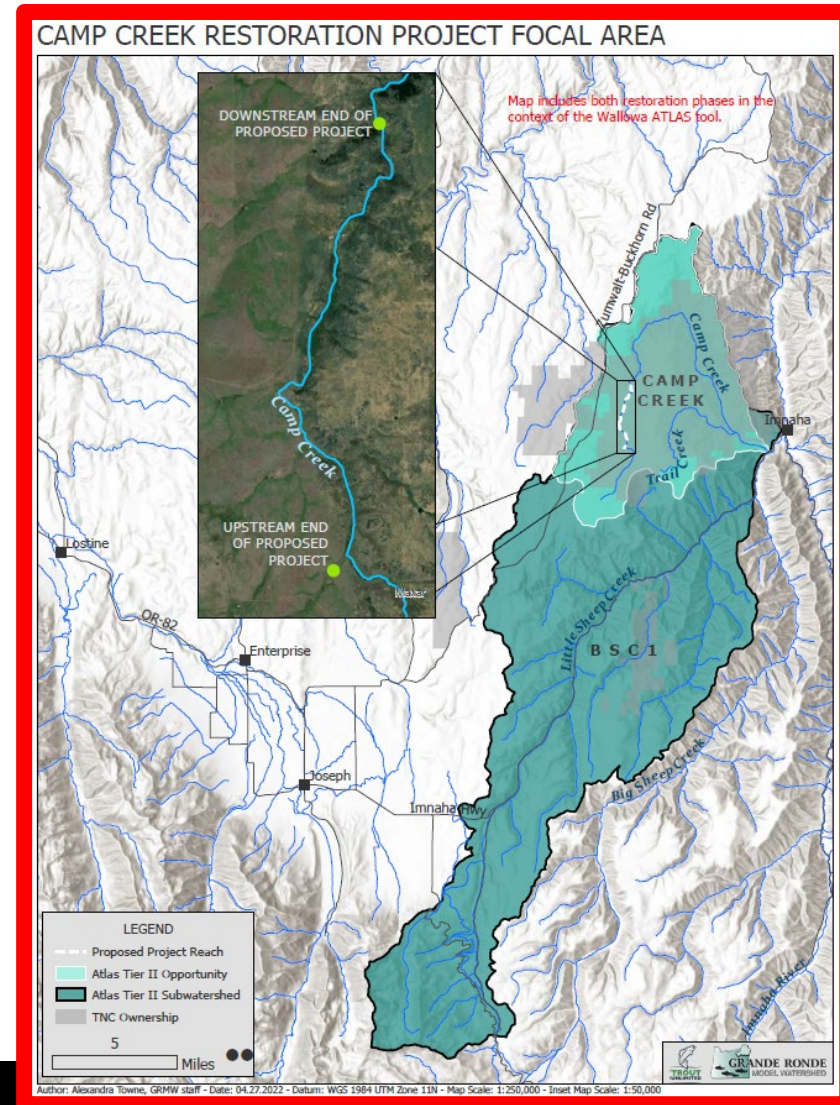
- **Applicant:** Walla Walla Basin Watershed Council
- **Project Type:** Implementation
- **Cost:** \$432,156
- **HCP Species:** Bull Trout, Chinook, Mountain Whitefish, Redband trout, Steelhead
- **Federally Protected/Endangered Species:** Bull Trout, Mid-C Steelhead
- **Project:**
  - 1.3 mi, 59 acre restoration
  - Phase 3 of 5 (Phase 2 completed w/ PFA funds in 2024)
- **Benefits:**
  - Creates spawning and rearing habitat
  - Priority basin according to multiple agencies
  - Applicant has demonstrated ability to successfully implement project
- **Concerns:**
  - No major concerns



**Critical**

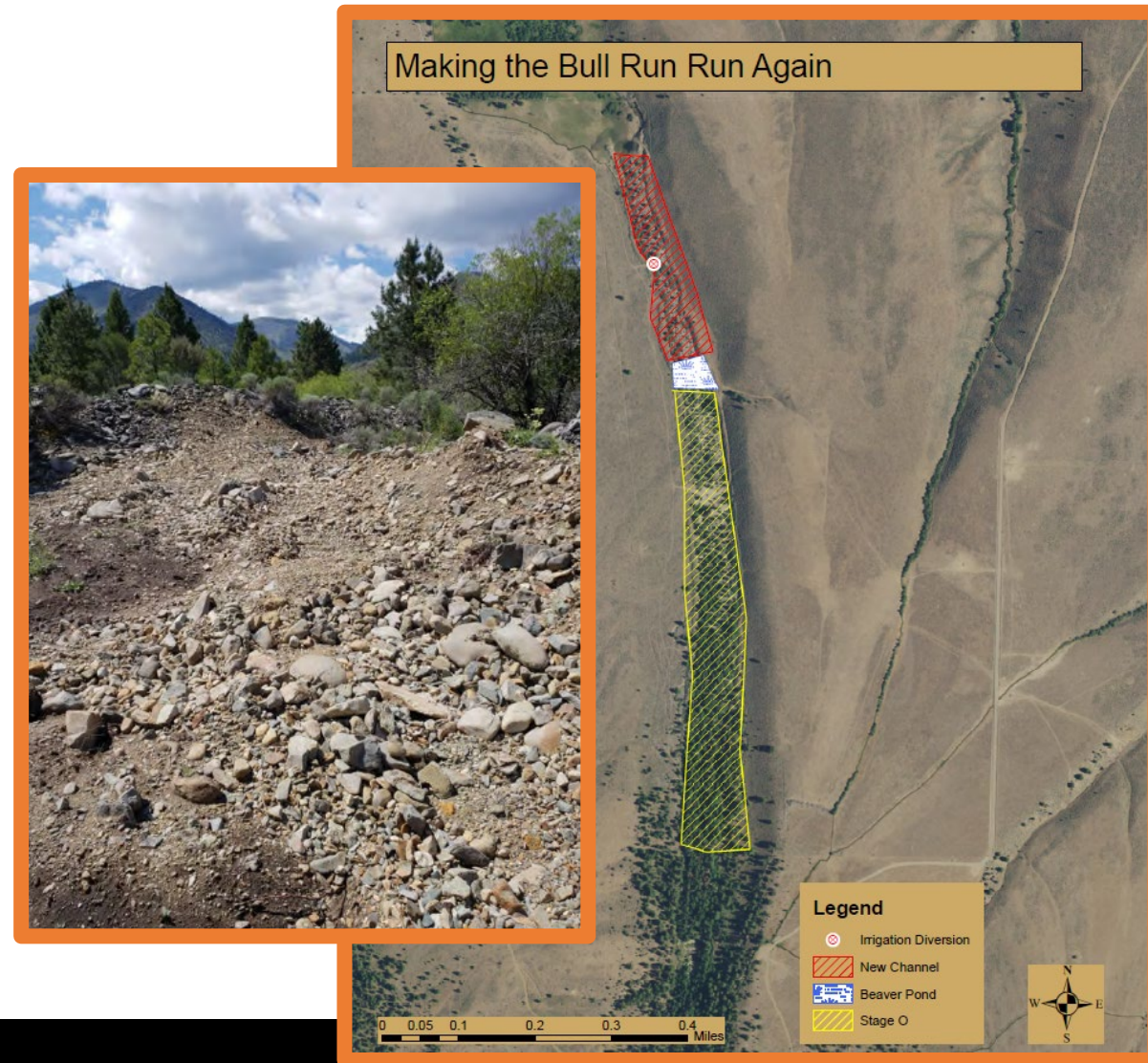
# Phase 1: Camp Creek Wet Meadow and Aquatic Resiliency Project

- **Applicant:** Trout Unlimited
- **Project Type:** Implementation, Research & Monitoring, Community Engagement
- **Cost:** \$803,461
- **HCP Species:** Bull Trout, Chinook, Mountain Whitefish, Redband trout, Steelhead
- **Federally Protected/Endangered Species:** Mid-C Bull Trout, SR Spring/Summer Chinook, SR Steelhead
- **Project:**
  - Enhance 2.8 mi stream, 30 acres wetland
  - Part of larger 4.7 mi restoration project restoring a wet meadow system
- **Benefits:**
  - Aligns with many PFA priorities
  - Land owned by The Nature Conservancy → ensures project enhancements persist
  - Project is shovel-ready for 2025
- **Concerns:**
  - Many fish benefits overstated (project only likely to benefit Redband and Steelhead)
- **PFA Grants ODEW Priority Ranking: Critical**



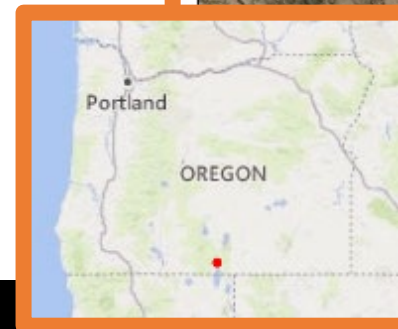
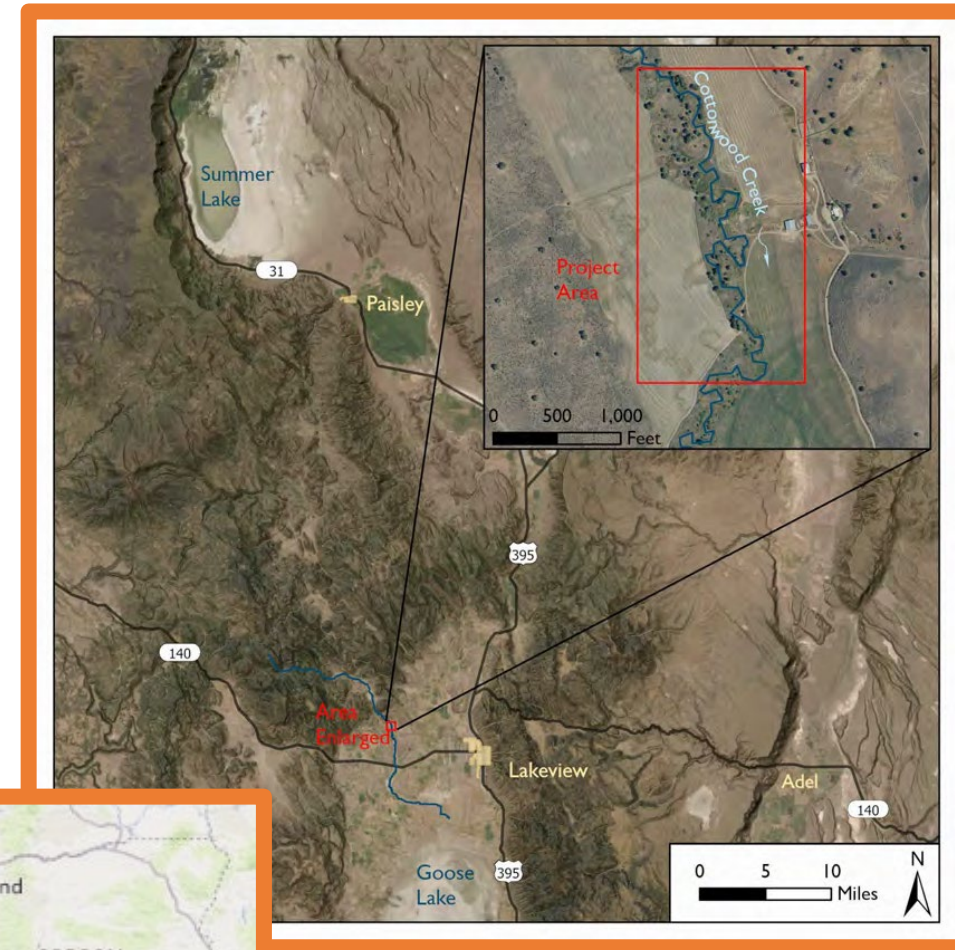
# Bull Run Creek Stream Restoration

- **Applicant:** Norton Ranch, LLC
- **Project Type:** Implementation
- **Cost:** \$487,428
- **HCP Species:** Redband trout
- **Federally Protected/Endangered Species:** N/A
- **Project:**
  - Restore 0.3 mi stream and meadow
  - Part of larger project to restore 1 mi dredge-mined stream
- **Benefits:**
  - Landowner highly invested and provides good match
  - Improves sage grouse and other wildlife habitat
- **Concerns:**
  - Engineered plans not very specific
- **PEA Grants ODEW Priority Ranking:** **High**



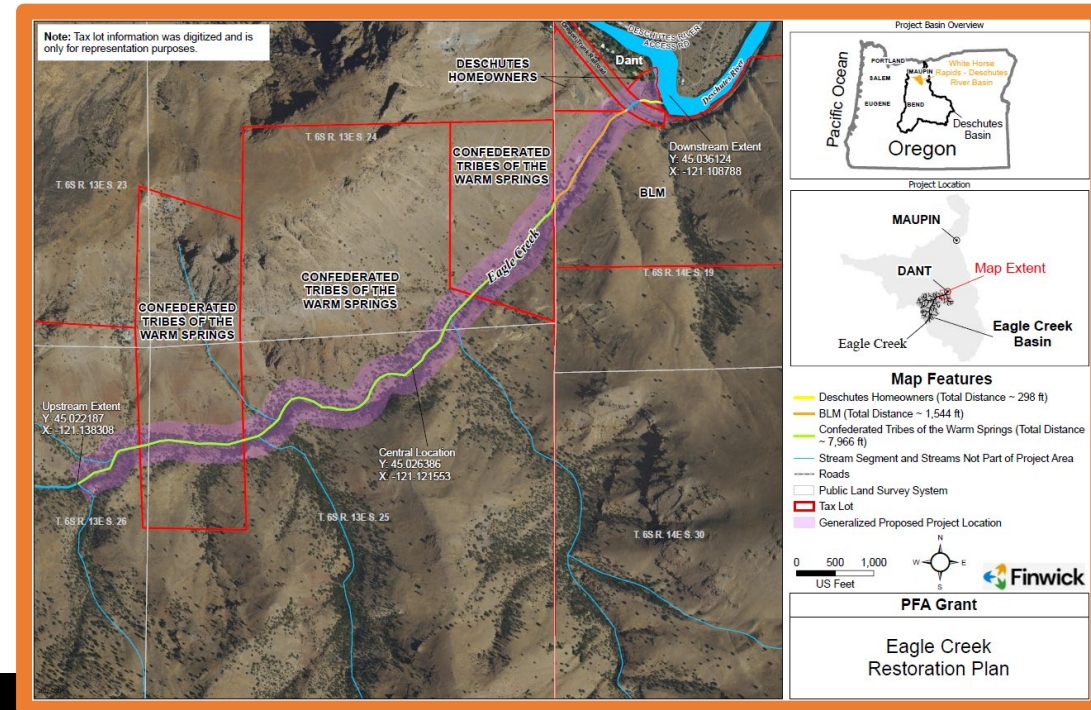
# Cottonwood Creek Fish Habitat Restoration

- **Applicant:** Lake County Umbrella Watershed Council
- **Project Type:** Implementation
- **Cost:** \$135,731
- **HCP Species:** Redband trout
- **Federally Protected/Endangered Species:** N/A
- **Project:**
  - Improve habitat over 1.5 mi reach of Cottonwood Creek
- **Benefits:**
  - Replaces low water crossing to improve fish passage
  - Realigns channel to reactivate meanders
  - Converts surface water irrigation to ground water irrigation
  - Priority barrier in Goose Lake Fish Passage Plan
- **Concerns:**
  - Project entirely on private land
- **PFA Grants ODFW Priority Ranking: High**



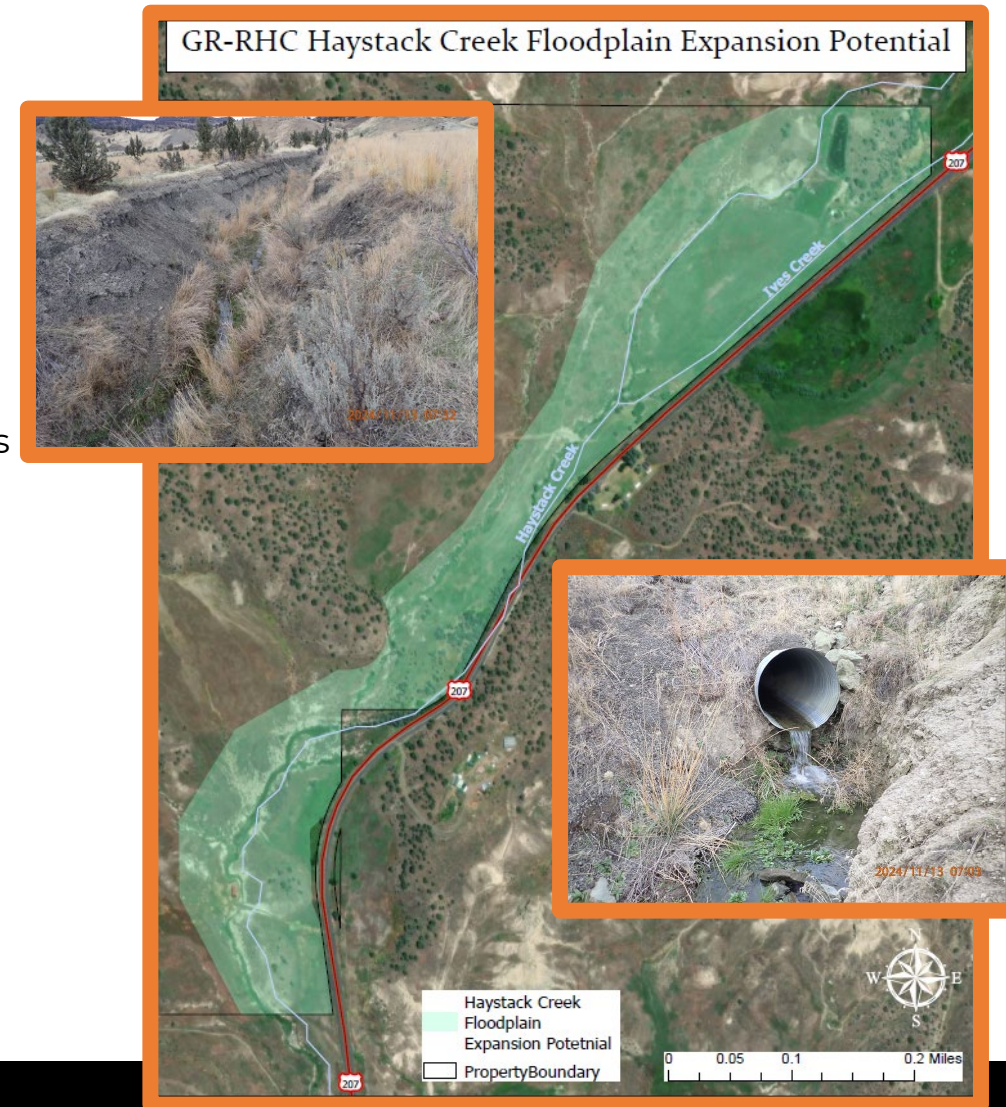
# Eagle Creek Restoration Plan

- **Applicant:** Finwick, LLC
- **Project Type:** Planning
- **Cost:** \$143,549
- **HCP Species:** Bull Trout, Mountain Whitefish, Redband trout, Steelhead
- **Federally Protected/Endangered Species:** Bull Trout, Mid-C Summer and Winter Steelhead
- **Project:**
  - Design restoration plan for 2 mi stream and secure permits
- **Benefits:**
  - Located at mouth of Deschutes River → restored area will be highly accessible to fish
  - Potential to restore flow at mouth of Eagle Creek
  - Stakeholders provided letters of support
- **Concerns:**
  - Lots of stakeholders
  - Project unlikely to benefit Bull Trout
- **PFA Grants ODFW Priority Ranking: High**



# Generation Restoration - Revitalizing Haystack Creek

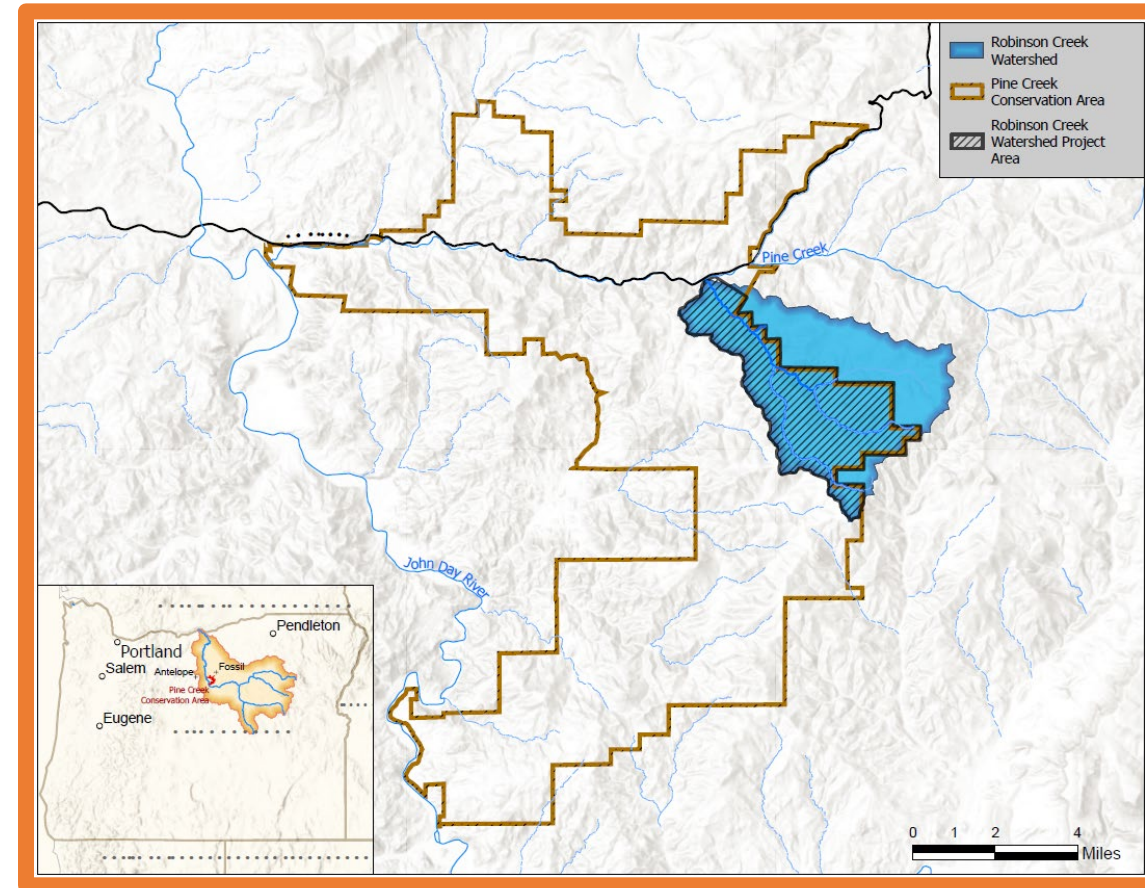
- **Applicant:** Wheeler Soil and Water Conservation District
- **Project Type:** Implementation, Planning
- **Cost:** \$499,776
- **HCP Species:** Steelhead
- **Federally Protected/Endangered Species:** Mid-C Steelhead
- **Project:**
  - Design and install 3 culvert replacements
  - Design and install 1200 ft instream habitat improvements (LTPBR structures and LWD placement)
  - Component of a project that enhances 1.33 mi stream, installs exclusion fencing, develops grazing management plan, and enrolls project in Conservation Reserve Enhancement Program (CREP)
- **Benefits:**
  - Will be protected by conservation easement
  - Opens 1.81 mi upstream habitat
  - Designed to benefit aquatic and terrestrial species
- **Concerns:**
  - HCP species is likely Redband rather than Steelhead (mainstem connection uncertain)
- **PFA Grants ODFW Priority Ranking:** High



# Robinson Creek Watershed Restoration Project

- **Applicant:** Oregon Natural Desert Association
- **Project Type:** Implementation
- **Cost:** \$493,287
- **HCP Species:** Steelhead
- **Federally Protected/Endangered Species:** Mid-C Steelhead
- **Project:**
  - Restore 4 mi stream (LTPBR)
- **Benefits:**
  - Large section of stream to be restored within conservation area
  - Project area strategically chosen within watershed
  - Objectives logical and focused on fish and habitat benefits
- **Concerns:**
  - HCP species is likely Redband rather than Steelhead (potential passage barriers downstream)
  - No draft restoration plan submitted with application

• **DEA Grants ODFW Priority Ranking:** High



# SF Sprague Fish Passage Improvement

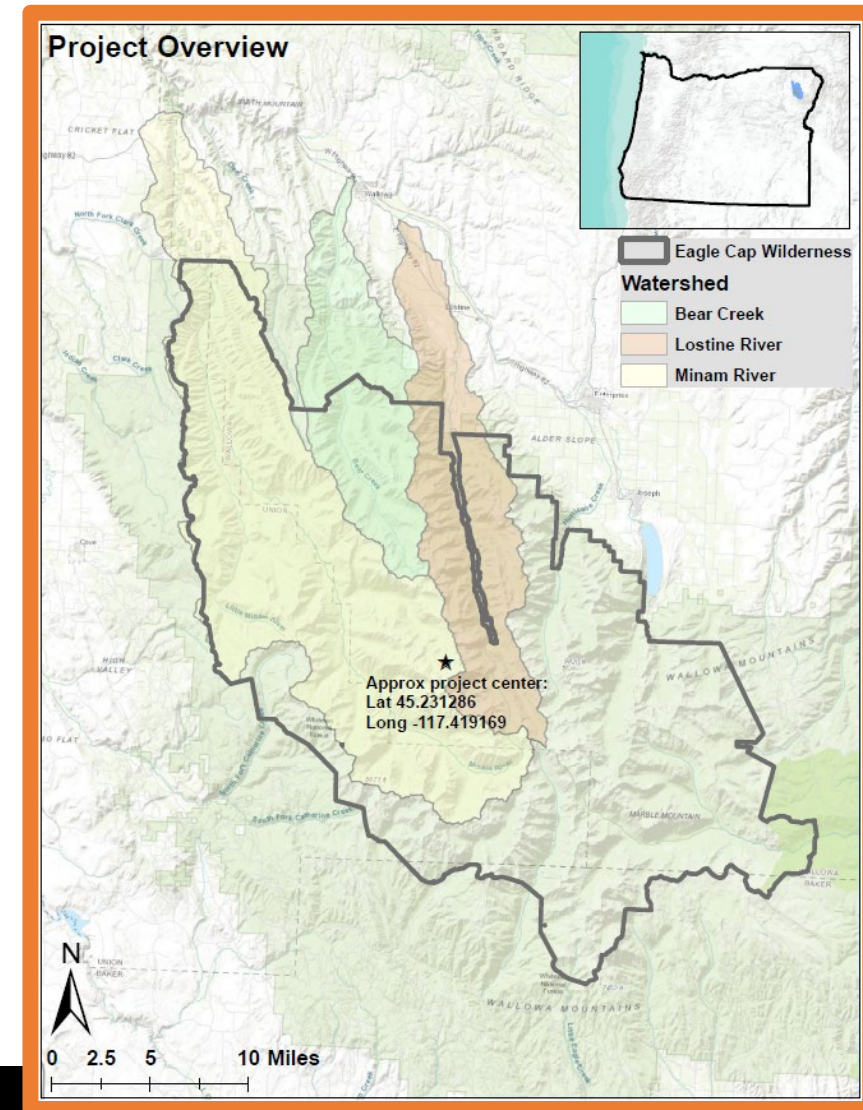
- **Applicant:** Trout Unlimited
- **Project Type:** Implementation
- **Cost:** \$1,026,920
- **HCP Species:** Bull Trout, Redband trout
- **Federally Protected/Endangered Species:** Bull Trout
- **Project:**
  - Replace 2 culverts and 1 ford with structures that meet USFS guidelines
- **Benefits:**
  - All 3 sites on ODFW Fish Passage Barrier Priority List
  - Within Bull Trout Critical Habitat
  - Will allow access to cold water refugia
- **Concerns:**
  - Bootleg Fire footprint may limit success
  - Large budget
- **PFA Grants ODFW Priority Ranking: High**



# Strategic Brook Trout Removal in the Wallowa Mountains

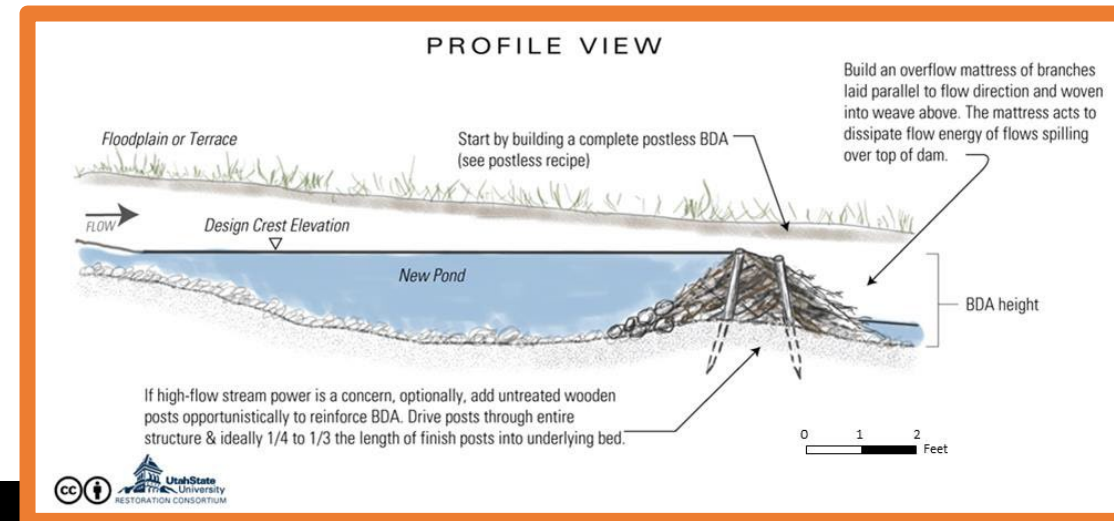
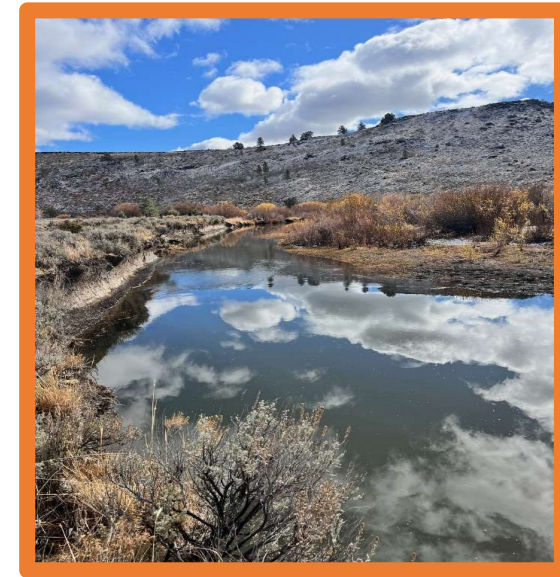
- **Applicant:** Nez Perce Tribe
- **Project Type:** Implementation, Planning, Research & Monitoring
- **Cost:** \$493,824
- **HCP Species:** Bull Trout, Chinook, Redband trout, Steelhead
- **Federally Protected/Endangered Species:** Bull Trout, SR Spring/Summer Chinook, SR Steelhead
- **Project:**
  - Mechanically remove Brook Trout with partner agencies (e-fish and gillnet)
  - Monitor effectiveness
  - Collect data to develop comprehensive eradication strategy
- **Benefits:**
  - Brook trout are primary threat to Bull Trout recovery
  - Capitalizes on ongoing eradication efforts with multiple agencies → increases success potential
- **Concerns:**
  - Successful eradication is challenging

• **PEA Grants ODFW Priority Ranking:** High



# Upper Deep Creek Low Tech Process Based Restoration

- **Applicant:** Pheasants Forever, INC
- **Project Type:** Implementation, Planning
- **Cost:** \$272,515
- **HCP Species:** Redband trout
- **Federally Protected/Endangered Species:** N/A
- **Project:**
  - Employ LTPBR on >3 mi stretch of Deep Creek
- **Benefits:**
  - Improves water quality, quantity, and flow
  - Traps sediment, creates summer refugia, restores degraded stream
  - Favorable budget
- **Concerns:**
  - All work done on private land (little community engagement)



High

# Upper Sprague Low Tech Process Based Restoration Salmonid Monitoring

- **Applicant:** Trout Unlimited
- **Project Type:** Research & Monitoring
- **Cost:** \$204,944
- **HCP Species:** Redband trout
- **Federally Protected/Endangered Species:** N/A
- **Project:**
  - Assess success of LTPBR on native/non-native trout
- **Benefits:**
  - Will strategically inform implementation of future LTPBR projects
  - Potential benefit for anadromous salmonids
  - Addresses efficacy of popular restoration technique
- **Concerns:**
  - Unclear on how data will be analyzed
- **PEA Grants ODEW Priority Ranking:** **High**



## PFA Grants ODFW Priority Ranking: Medium

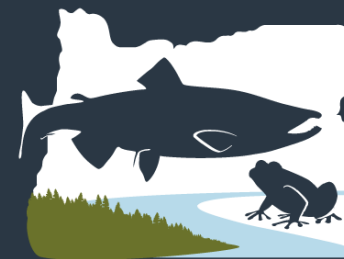
- Improving Riparian Habitat through Virtual Fence (\$175,064)
- Restoring Native Trout Habitat on Hunter Creek with BDAs/PALS and Native Plants (\$118,973)

## PFA Grants ODFW Priority Ranking: Low

- Confederated Tribes of Warm Springs Fish Facilities Project (\$5,000,000)
- Muddy Creek (\$500,986)
- Ochoco Preserve Restoration Project (\$333,500)
- Shaw Creek Fish Passage Barrier Culverts - Technical Assistance (\$94,151)



# Region 5 Presentation Questions?



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**GRANT  
PROGRAM**

OREGON DEPARTMENT OF FISH & WILDLIFE