

**RESTORATION AND ENHANCEMENT (R&E) PROJECT APPROVALS:  
PROJECT SUMMARIES AND RECOMMENDATIONS**

2021-2023 Biennium – Cycle 3 of 4

The R&E Board met virtually on March 15, 2022 to review Cycle 3 proposals, they recommended funding the following proposals. Four board member votes are required to pass a project funding recommendation; all seven board members attended this meeting. This attachment includes a summary of the recommended project and Board review.

Copies of applications are available on the R&E Grant Application Website  
<https://nrimp.dfw.state.or.us/RE/default.aspx?p=255> and then selecting cycle 21-3.

The R&E Board recommends funding the following projects:

<b>Restoration</b>	
Project Number:	21-021
Project Title:	Hatcheries Climate Resiliency Analysis.
Project Type:	Hatchery
Sponsor:	ODFW - propagation
Enhancement/Restoration:	Restoration
Funds Requested:	\$ 100,000
Match:	\$ 208,250 (ODFW)
<b>Total Project Cost:</b>	<b>\$ 308,250</b>

**Project Summary**

This proposal will analyze six ODFW hatcheries for their resiliency to climate change. The warming climate is expected to result in less water and higher water temperatures in Oregon hatcheries.

**Board Summary: Votes: 7Y, 0N**

This project was supported by the Board after a presentation on the project. Members were excited to see ODFW proactively looking at climate resiliency at these facilities.

## Enhancement

Project Number: 21-022  
Project Title: Internships Invasive Fish Removal in High Lakes  
Project Type: Habitat Enhancements  
Sponsor: Oregon State University  
Enhancement/Restoration: Enhancement  
Funds Requested: \$ 20,136  
Match: \$ 15,280 (\$8,650 ODFW, \$770 OSU, \$1,500 Sunriver Anglers, \$1,500 Central Oregon Flyfishers, \$1,000 East Lake Resort, \$1,860 Lava Lake Resort)  
**Total Project Cost:** \$ 35,416

### **Project Summary**

East, Paulina, and Lava Lakes are popular trout producing waters infested with invasive chub. Invasive chub have a detrimental effect on trout and angling. Bullhead catfish have infested Crane Prairie Reservoir. Interns would work with ODFW to remove chub and bullhead and monitor lake and trout conditions.

### **Board Summary: Votes: 7Y, 0N**

This project was supported by the Board after discussing the value of the project but also noting that this has become a long-term funded project for R&E. The Board typically does not support projects long term and encourages the Department to identify a long-term funding source.

Project Number: 21-023  
Project Title: Ochoco Preserve Restoration - Phase 1  
Project Type: Hatcheries  
Sponsor: Deschutes Land Trust  
Enhancement/Restoration: Enhancement  
Funds Requested: \$ 101,092  
Match: \$ 1,646,204 (\$1,000,000 PGE/CTWS, \$579,004 OWEB, \$50,000 USFWS)  
**Total Project Cost:** \$ 1,747,296

### **Project Summary**

The project is part of a multi-phased, multiyear restoration project on Ochoco Preserve. Specifically, the project will fund construction of a smolt acclimation pond that will be used during phase 1 of the reintroduction of spring Chinook salmon and summer steelhead to McKay Creek.

### **Board Summary: Votes: 7Y, 0N**

This project was supported by the Board after a discussion related to the benefits of the project to the angler.

Project Number: 21-026  
Project Title: Gerber Pond Fish Screening Project  
Project Type: Fish Screening  
Sponsor: ODFW - Central Point Screen Shop  
Enhancement/Restoration: Enhancement  
Funds Requested: \$ 9,750  
Match: \$ 18,426 (\$16,256 ODFW, \$2,170 water user/landowner)  
**Total Project Cost:** \$ 28,176

**Project Summary**

This voluntary project will protect juvenile salmonids and other fish by screening an irrigation intake on Sucker Creek. The entrainment situation has been compounded by the recent construction of a fish screen and bypass in an adjacent ditch that now places additional juvenile salmonids directly upstream of the unscreened intake.

**Board Summary: Votes: 7Y, 0N**

This project was supported by the board after discussion with the applicant about the limited landowner contributions. The Board accepted that they are assisting with time and equipment.

Project Number: 21-029  
Project Title: Heart Lake Rotenone Treatment  
Project Type: Habitat Enhancements  
Sponsor: ODFW - Lakeview  
Enhancement/Restoration: Enhancement  
Funds Requested: \$ 22,494  
Match: \$ 89,836 (ODFW)  
**Total Project Cost:** \$ 112,330

**Project Summary**

This project will purchase powder/liquid rotenone and essential equipment to remove brown bullhead and fathead minnow from Heart Lake in 2022. Brown bullhead are out-competing rainbow trout and decreasing angler participation and success. Once treated fingerling rainbow trout will drive this fishery like it has done successfully in the past.

**Board Summary: Votes: 7Y, 0N**

This project was supported by the Board following a discussion related to why the USFS was not directly involved since the lake is on their land. The Board was informed that ODFW manages the fish in the waterbody.

Project Number: 21-030  
Project Title: Weaver Pond Non-Native Control Phase 1  
Project Type: Habitat Enhancements  
Sponsor: ODFW - Wallowa  
Enhancement/Restoration: Enhancement  
Funds Requested: \$ 15,000  
Match: \$ 5,680 (ODFW)  
**Total Project Cost:** \$ 20,680

**Project Summary**

This project will screen the outlet of an ODFW owned pond that will prevent the emigration of non-native fishes and stocked trout. This will prevent further spread of non-natives but also

ensure continued availability of rainbow trout to anglers. Removal of those non-natives will occur in later stages.

**Board Summary: Votes: 7Y, 0N**

This project was supported by the Board after discussing the phased approach and need for R&E funding for phase 2.