

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

2017-2019 Biennium – Cycle 7 of 7  
2019-2021 Biennium – Cycle 1 of 7

The R&E Board met in Salem on January 11<sup>th</sup>, 2019 to review 24 proposals. Due to the timing of the cycles and the ending and beginning of the biennium, proposals from both the 2017-2019 Biennium (cycle 7) and from the 2019-2021 biennium (cycle 1) were reviewed by the R&E board.

They recommended funding 16 of the 24 project proposals (15 Enhancement and 1 Restoration). Six of these projects are for the 2017-2019 biennium and seven are for the 2019-2021 biennium. Three projects cross the biennium and include recommendations for both cycles.

Four board member votes are required to pass a project funding recommendation; All seven board members attended this meeting (one by phone). This attachment includes a summary of the project request and subsequent Board review.

Copies of applications are available on the R&E website  
<https://nrimp.dfw.state.or.us/RE/>

**The R&E Board recommends funding the following projects:**

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| <b>Restoration</b> |
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2017-2019 Biennium – Cycle 7 of 7

No Restoration Projects

## Enhancement

### 2017-2019 Biennium – Cycle 7 of 7

**Project Number:** 17-060  
**Project Title:** Equipment for the Umpqua Watershed  
**Project Type:** Monitoring  
**Sponsor:** ODFW – Umpqua Watershed  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$ 6,271  
**Other Funding:** \$0  
**Total Project Cost:** \$ 6,271

#### **Project Summary**

This proposal is for equipment that is needed in the Umpqua Watershed for sampling of fish and equipment to help us safely sample for fish from the Roseburg and Charleston offices.

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

This project was supported by the Board with limited discussion.

**Project Number:** 17-062  
**Project Title:** Deschutes District Flow Meter  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Deschutes District  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$850  
**Other Funding:** \$0  
**Total Project Cost:** \$850

#### **Project Summary**

Streams in the Deschutes District routinely are dewatered or experience low flow from water management activities. The district would like to purchase a flow meter to evaluate fish habitat and correlate fish population dynamics to different flow regimes.

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

This project was supported by the Board with limited discussion.

**Project Number:** 17-063  
**Project Title:** Deschutes District outboard  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Deschutes District  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$13,500  
**Other Funding:** \$0  
**Total Project Cost:** \$13,500

#### **Project Summary**

The district is looking for assistance to replace an old outboard due to a lack of funding. The district relies on this boat to conduct annual monitoring, research projects, creel checks, habitat improvements, rotenone treatments, and hatchery fish evaluations at several reservoirs throughout the district.

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

This project was supported by the Board with limited discussion.

**Project Number:** 17-065  
**Project Title:** Lower Rogue Spring Chinook Genetic Sampling 2019  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Grande Ronde Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$23,180  
**Other Funding:** \$25,330 (\$7,330 ODFW, \$18,000 Volunteers)  
**Total Project Cost:** \$ 58,510

**Project Summary**

Collect genetic samples from wild-caught Spring Chinook in the Lower Rogue River to determine when pure Spring Chinook and "sprawl" Chinook (heterozygous Spring and Fall Chinook) enter the river system. This information will be used to produce harvest opportunity of spring Chinook.

**Board Summary: Votes: 5Y, 2N**

This project was supported by the Board after a brief discussion about who would fund the future creel. Opposition centered on a statement of principle to spend more on fresh water fisheries and a concern this was obligating Board to fund future creels without a clear discussion on how those would benefit anglers.

**Project Number:** 17-067  
**Project Title:** South Willamette Watershed District Equipment  
**Project Type:** Monitoring  
**Sponsor:** ODFW - South Willamette Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$23,472  
**Other Funding:** \$0  
**Total Project Cost:** \$23,472

**Project Summary**

Equipment purchase to for high lake sampling, high lake stocking, fish salvage, and backpack and boat electrofishing. R&E funds would be used to replace equipment that has become dysfunctional or provide new equipment for increased efficiency.

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

This project was supported by the Board with limited discussion.

**Project Number:** 17-071  
**Project Title:** Rogue Chinook Inventories Huntley Boat  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Gold Beach Field Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$31,000  
**Other Funding:** \$0  
**Total Project Cost:** \$31,000

**Project Summary**

Ongoing since 1975, the Huntley Seining Project has been an invaluable fish inventory tool for estimating adult salmon and steelhead escapement. This will replace the existing 1989 aluminum boat as it is no longer safe and does not have a trade-in value.

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

This project was supported by the Board with limited discussion.

## Enhancement

Projects funded in both 2017-19 (cycle 7) and 2019-2021 (cycle 1)

**Project Number:** 17-072 (\$973)  
19-008 (\$28,621)  
**Project Title:** Internships Invasive Fish Removal in High Lakes  
**Project Type:** Habitat Enhancement  
**Sponsor:** Oregon State University  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$29,594  
**Other Funding:** \$36,440 (ODFW \$31,200, OSU \$2,240, Sunriver  
Anglers \$1,500, Central Oregon Flyfishers  
\$1,500)  
**Total Project Cost:** \$66,034

### **Project Summary**

East, Paulina, Lava Lakes are popular trout producing waters which are infested with an invasive chub. If left unmanaged chub have detrimental effect on trout and recreational fishing. Bullhead have also infested several high lakes. OSU interns would work with ODFW to remove chub and experimentally remove bullhead.

### **Board Summary: Votes: 17-072 6Y, 1N; 19-008 7Y, 0N**

While the project, and improvements to the fishery, was supported there was some concern that this is becoming a long-term R&E commitment.

**Project Number:** 17-073 (\$2,500)  
19-009 (\$93,000)  
**Project Title:** South Fk Little Butte Cr Flow Restoration Project  
**Project Type:** Habitat Enhancement  
**Sponsor:** Trout Unlimited  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$ 95,500  
**Other Funding:** \$ 274,500 (OWEB)  
**Total Project Cost:** \$ 370,000

### **Project Summary**

Funding will support streamflow restoration in SF Little Butte Creek (SFLB) in the Rogue Basin. 17 miles of stream habitat will be permanently enhanced. SFLB is dewatered from irrigation, reducing habitat quantity/quality for chinook, coho and steelhead. This is a widely acknowledged primary limiting factor to fish production. This project will permanently transfer 168 acres (2.8 cfs) of irrigation rights to instream rights, maintaining the existing senior priority dates of 1858 and 1888. This will be completed through the Oregon Water Resource Department's water right transfer process prior to June 2021.

### **Board Summary: Votes: 17-073 7Y, 0N; 19-009 7Y, 0N**

This project was supported by the board and members were excited for this type of project as they do not come along very often and this project represents the first of its kind funded by the R&E Board.

**Project Number:** 17-075 (\$17,376)  
 19-011 (\$57,600)  
**Project Title:** Limiting factors of Klamath juvenile redband trout  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Klamath Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$74,976  
**Other Funding:** \$172,332 (ODFW \$55,534, OSU \$91,798, BLM \$25,000)  
**Total Project Cost:** \$247,308

**Project Summary**

The goal of the project is to determine the primary limiting factors of juvenile redband trout survival in the Klamath Basin thus 1) improving the recreational fishery 2) informing habitat restoration and 3) guiding anadromous reintroduction.

**Board Summary: Votes: 17-075 7Y, 0N; 19-011 7Y, 0N**

This project had been discussed with the board at their previous meeting and was supported by the Board with limited discussion.

**Restoration**

2019-2021 Biennium – Cycle 1 of 7

**Project Number:** 19-001  
**Project Title:** ODFW Restoration Bundle Willamette Falls Ladder  
**Project Type:** Fish Passage  
**Sponsor:** ODFW Salem Headquarters  
  
**Enhancement/Restoration:** Restoration  
**Funds Requested:** \$1,999,400  
**Other Funding:** \$30,000 (ODFW)  
**Total Project Cost:** \$2,029,400

**Project Summary**

Willamette Falls Ladder proposal will address long term deferred maintenance needs to provide secure passage for migratory fishes on the Willamette River. The existing ladder(s) were constructed in 1971, after 48 year repairs are needed. This project will stabilize a section of ladder and replace failed concrete aprons. If funds remain they will be used to provide a new public restroom at Bandon Hatchery, replace roof, siding, window and door trim, and 4 garage doors at Wallowa Hatchery, and/or replace plumbing and siding at Klamath Hatchery.

**Board Summary: Votes: 4Y, 3N**

This project has been developed over the past year with continued input from the R&E Board as a way to target R&E funding on priority maintenance projects. The day prior to the meeting the R&E Board toured the facility. While maintenance of the facility was supported by the Board, a few members felt that having R&E cover 100% of the repairs was not a good use of R&E funds, especially given the size of the ask. They believed other programs and funding sources had an obligation to maintain the facility. Other members felt this is one of the best projects the Board has seen and due to certain circumstances the Board is able to fund it this biennium, which may not be the case if implementation is delayed.

## Enhancement

2019-2021 Biennium – Cycle 1 of 7

**Project Number:** 19-002  
**Project Title:** Statewide trout stock evaluation (tag reward)  
**Project Type:** Monitoring  
**Sponsor:** ODFW – Recreational Fisheries  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$135,780  
**Other Funding:** \$218,700 (ODFW)  
**Total Project Cost:** \$354,480

### **Project Summary**

This project will assess the performance of rainbow trout stocks 127 and 72 (Cranebows and Cape Cod stocks) to stock 53 (Oak Springs stock) using tag-reward programs. Programs will be implemented at 24 sites that already use these stocks. A new tool to assess angling effort will also be developed. R&E funding will allow us to implement tag-reward programs by funding tagging equipment, cameras, rewards, interns, and a dedicated phone line. The final outcome will be a data set to understand how return rates are affected by trout stock.

### **Board Summary: Votes: 6Y, 1N**

This project had been discussed with the board at their previous meeting and was supported by the Board with limited discussion.

**Project Number:** 19-003  
**Project Title:** Diamond Lake Monitoring/Invasive Species Removal  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Umpqua Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$59,019  
**Other Funding:** \$45,349 (\$12,857 UFED, \$30,392 ODFW, \$2,100 California Fish and Game)  
**Total Project Cost:** \$104,368

### **Project Summary**

Tui chub presence was confirmed in Diamond Lake in 2015. As per the Diamond Lake Restoration Project FEIS (2004), Diamond Lake Management Plan (2009), and Diamond Lake OAR 635-500-0703, action is being taken by ODFW to manually remove tui chub and stock piscivorous trout.

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

This project was supported by the Board following discussion on the situation. The board expressed that they do not want R&E to become a permanent source of Diamond Lake funding.

**Project Number:** 19-004  
**Project Title:** Pine Hollow boat ramps V2  
**Project Type:** Access  
**Sponsor:** South Wasco Park & Recreation District  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$150,000  
**Other Funding:** \$28,882 (\$9,480 donations, \$16,048 Volunteers,  
\$2,500 Wasco Electric Co-op, \$854 South  
Wasco Park & Recreation District)  
**Total Project Cost:** \$178,882

**Project Summary**

The ramp was installed by Wasco County in 1968. After 42 yrs. of use it was condemned and blocked off by the County. The County recommended that the local residents form the SWPRD; which is applying for this grant to re-open the North boat ramp.

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

This project was supported by the Board with limited discussion. Note: this project had been previously approved in 2017-19 but due to conditions outside of the applicants control it had to be moved into 2019-21.

**Project Number:** 19-005  
**Project Title:** Peterson Point Property Acquisition  
**Project Type:** Access  
**Sponsor:** ODFW - Tillamook  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$69,450  
**Other Funding:** \$50,000 (\$35,000 ODFW, \$15,000 North Coast Salmon  
and Steelhead Enhancement Fund)  
**Total Project Cost:** \$119,450

**Project Summary**

The Peterson Point (as it is commonly referred to) property is currently in private ownership. Although some public access has been allowed, it has been at the discretion of the landowner. Sale of the property to another private party would likely result in loss of public access to about 2,000 feet of river bank, which includes good fishing water. Funding is needed to bring the property into public ownership and ensure public access. This areas supports fisheries primarily for fall Chinook, winter steelhead, and cutthroat trout.

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

This project was supported by the Board with limited discussion.

**Project Number:** 19-006  
**Project Title:** Necanicum River StW Monitoring and Evaluation  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Tillamook  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$122,600  
**Other Funding:** \$17,560 (ODFW)  
**Total Project Cost:** \$140,160

**Project Summary**

Survey winter steelhead spawning areas in the Necanicum River basin to evaluate pHOS and whether it has decreased, and recreational harvest of hatchery steelhead, since the implementation of the new hatchery smolt release strategy.

**Board Summary: Votes: 6Y, 1N**

This project was supported by the Board with limited discussion. Opposition was related to the high cost of the project.

**Project Number:** 19-007  
**Project Title:** Grande Ronde Volunteer Brood stock Collection  
**Project Type:** Propagation  
**Sponsor:** ODFW - Enterprise  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$ 28,077  
**Other Funding:** \$ 19,280 (ODFW)  
**Total Project Cost:** \$ 47,357

**Project Summary**

By fall of 2019 or 2020, obtain equipment and establish a central storage and holding site on the Wenaha Wildlife area that allows volunteers to safely collect hatchery-origin steelhead for transport to, and spawning at Wallowa Hatchery.

**Board Summary: Votes: 5Y, 2N**

This project was supported by the Board after discussion of the project and anticipated returns. Some members felt the benefits of this project did not justify an award.