

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

2015-2017 Biennium – Cycle 7 of 7  
2017-2019 Biennium – Cycle 1 of 7

The R&E Board met in Salem on January 13, 2017 to review eleven proposals. Due to the timing of the cycles and the ending and beginning of the biennium, proposals from both the 2015-2017 Biennium (cycle 7) and from the 2017-2019 biennium (cycle 1) were reviewed by the R&E board.

They recommended funding nine of the eleven project proposals (seven Enhancement and two Restoration). Three of these projects are for the 2015-2017 biennium and four are for the 2017-2019 biennium. Two 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  
<http://www.dfw.state.or.us/fish/RE/projects/>

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

**Restoration**

2015-2017 Biennium – Cycle 7 of 7

**Project Number:** 15-078  
**Project Title:** ODFW Liberation Truck Replacement  
**Project Type:** Liberation  
**Sponsor:** ODFW Leaburg Hatchery

**Enhancement/Restoration:** Restoration  
**Funds Requested:** \$168,000  
**Match:** \$285,000 (ODFW)  
**Total Project Cost:** \$453,000

**Project Summary**

The purpose of this project is to implement the first step in ODFW's Fleet Management Plan by replacing three liberation trucks, reducing the fleet by one truck, and initiating cooperative truck utilization between facilities.

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

This project was supported by the Board with limited discussion. The first truck was recommended for \$88,000 and the second truck was recommended for up to \$80,000 from remaining and returned funds.

**Restoration**

2017-2019 Biennium – Cycle 1 of 7

**Project Number:** 17-002  
**Project Title:** Hatchery Maintenance Bundle 2017-19  
**Project Type:** Hatchery Maintenance  
**Sponsor:** ODFW Salem Headquarters

**Enhancement/Restoration:** Restoration  
**Funds Requested:** \$2,068,150  
**Match:** \$3,000,000 (2,525,000 ODFW, \$475,000 Tillamook Anglers)  
**Total Project Cost:** \$5,068,150

**Project Summary**

The State of Oregon internal audit revealed that ODFW has an estimated \$93 million, and growing, deferred maintenance burden. The majority of the maintenance was identified in Oregon hatcheries. The audit suggested that we consider utilizing more R&E funds for restoration. This request will reduce deferred maintenance by \$1.45 million.

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

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 hatchery maintenance projects. Thus this projects was supported by the Board with limited discussion.

## Enhancement

### 2015-2017 Biennium – Cycle 7 of 7

**Project Number:** 15-076  
**Project Title:** NCWD Equipment 2016  
**Project Type:** Monitoring  
**Sponsor:** ODFW - North Coast Watershed District  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$11,400  
**Match:** \$34,950 (\$34,474 STEP volunteers, \$476 ODFW staff)  
**Total Project Cost:** \$46,350

**Project Summary**

This application is requesting funds to furnish NCWD with equipment items used in the implementation and monitoring of programs and projects within the District. These funds are needed to meet management objectives and provide needed services within the NCWD.

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

This project was supported by the Board with limited discussion.

**Project Number:** 15-077  
**Project Title:** John Day and Umatilla Watershed Fish Equipment  
**Project Type:** Monitoring  
**Sponsor:** ODFW - John Day Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$16,204  
**Match:** \$0  
**Total Project Cost:** \$16,204

**Project Summary**

The goal of this project is to update and purchase new fisheries and communication equipment that better fit the current challenges in the watershed (remote locations, low water conditions, water quality issues, invasive species monitoring). The results of this will allow for more safe and dynamic scientific monitoring options.

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

This project was supported by the Board with limited discussion.

**Project Number:** 15-079  
**Project Title:** Chub Removal Internships in Deschutes High Lakes -1  
**Project Type:** Angling Opportunity  
**Sponsor:** Oregon State University  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$2,600  
**Match:** \$6,208 (\$1,120 OSU, \$1,000 Sunriver Anglers, \$1,000 Central Oregon Anglers, \$ 3,088 ODFW)  
**Total Project Cost:** \$8,808

**Project Summary**

East Lake, Paulina Lake and Big Lava Lake are popular trout-producing waters which are unfortunately infested with invasive chub. If left un-managed chub have a detrimental effect on trout, and consequently recreational fishing. If funded, OSU interns will work with ODFW to remove chub and improve these fisheries.

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

This Project was supported by the Board with limited discussion. One board member expressed concern with funding long-term projects that merely reduce populations of illegal introduced species.

**Project Number:** 15-080  
**Project Title:** Phillips Reservoir Tiger Muskie M & E – Part 1  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Grande Ronde Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$9,350  
**Match:** \$13,248 (ODFW)  
**Total Project Cost:** \$22,598

**Project Summary**

The proposed grant would fund implementation of the Phillips Reservoir Tiger Muskie Monitoring and Evaluation Plan activities in 2017. The monitoring and evaluation plan is intended to determine the efficacy of attaining fishery management goals and objectives through the introduction of sterile tiger muskie.

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

This project was supported by the Board after a brief discussion. One member did not support using one invasive species to control another invasive species.

**Enhancement**

2017-2019 Biennium – Cycle 1 of 7

**Project Number:** 17-001  
**Project Title:** Phillips Reservoir Tiger Muskie M & E - Part 2  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Grande Ronde Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$27,258  
**Match:** \$13,248 (ODFW)  
**Total Project Cost:** \$40,506

**Project Summary**

Fund implementation of the Phillips Reservoir Tiger Muskie Monitoring Plan activities in 2017. The monitoring and evaluation plan is intended to determine the efficacy of attaining fishery management goals and objectives through the introduction of sterile tiger muskie.

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

This project is a continuation of 15-080 and was supported by the Board after a brief discussion. One member did not support using one invasive species to control another invasive species.

**Project Number:** 17-006  
**Project Title:** Diamond Lake Monitoring/Invasive Species Removal  
**Project Type:** Monitoring  
**Sponsor:** ODFW - Umpqua Watershed District Office  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$66,660  
**Match:** \$54,083 (\$28,446 UFED, \$25,637 ODFW)  
**Total Project Cost:** \$120,743

**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:** 17-007  
**Project Title:** Statewide Tag Reward Study  
**Project Type:** Monitoring  
**Sponsor:** ODFW - HQ  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$16,607  
**Match:** \$24,000 (ODFW)  
**Total Project Cost:** \$40,607

**Project Summary**

The purpose of this project is to evaluate the relative catch of various sizes of hatchery rainbow trout in four fisheries throughout the state of Oregon, and evaluate factors that influence catch. Results will be used to inform future fisheries management.

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

This project was supported by the Board with limited discussion on how the locations were chosen.

**Project Number:** 17-008  
**Project Title:** Chub Removal Internships in Deschutes High Lakes 2  
**Project Type:** Angling Opportunity  
**Sponsor:** Oregon State University  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$7,064  
**Match:** \$6,208 (\$1,120 OSU, \$1,000 Sunriver Anglers, \$1,000 Central Oregon Anglers, \$ 3,088 ODFW)  
**Total Project Cost:** \$13,272

**Project Summary**

East Lake, Paulina Lake and Big Lava Lake are popular trout-producing waters which are unfortunately infested with invasive chub. If left un-managed chub have a detrimental effect on trout, and consequently recreational fishing. If funded, OSU interns will work with ODFW to remove chub and improve these fisheries.

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

This Project is a continuation of 15-079 and was supported by the Board with minimal discussion.

**Project Number:** 17-011  
**Project Title:** Archibald Creek Fish Habitat & Passage Restoration  
**Project Type:** Habitat  
**Sponsor:** Upper Nehalem Watershed Council  
**Enhancement/Restoration:** Enhancement  
**Funds Requested:** \$18,426  
**Match:** \$409,028 (\$10,000 OWEB, \$95,000 Weyerhaeuser Co., \$300,000 Columbia County, \$4,028 ODFW)  
**Total Project Cost:** \$427,454

**Project Summary**

Archibald Creek is a tributary for Oak Ranch Creek (Nehalem R. Trib.). This project reintroduces Large Wood Debris (LWD) at 15 strategic locations to improve natural stream/habitat functions & restores fish passage at two road/stream crossings. Ocean and in-river salmonid fisheries will benefit from this work.

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

This project was originally proposal for cycle 7 but was not funded due to lack of available funds. The board took action to reassign this to cycle 1 and approve it from available funds.