

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

2015-2017 Biennium – Cycle 4 of 7

The R&E Board met in Salem on January 22, 2016 to review twelve proposals. They recommended funding eleven of the project proposals (nine Enhancement and two Restoration). Four board member votes are required to pass a project funding recommendation; six board members attended the cycle 4 meeting. This attachment includes a summary of the recommended project and 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 for cycle 4:

Restoration

Project Number: 15-042
Project Title: Stulls Falls Passage Improvement Project
Project Type: Passage
Sponsor: Coos Watershed Association
Enhancement/Restoration: Restoration
Funds Requested: \$ 28,773
Match: \$ 11,364 (ODFW \$2,716; ODF \$4,355; CWA \$4,293)
Total Project Cost: \$ 40,137

Project Summary

We are proposing to carve three channels in the bedrock ledge that will direct flow at both low and high winter flows through the upper ledge into the holding pool. The new channels will provide sufficient flow depth for fish passage even during the lowest winter flow years.

Board Summary: Votes: 6Y, 0N

This project was supported by the Board with very little discussion.

Project Number: 15-046
Project Title: Rearing Pond Outlet Structure Replacement
Project Type: Hatchery Maintenance
Sponsor: Clatsop County Fisheries
Enhancement/Restoration: Restoration
Funds Requested: \$ 66,000
Match: \$ 9,631 Clatsop County Fisheries
Total Project Cost: \$ 75,631

Project Summary

This project will remove the current pond outlet structure and install a new concrete pond outlet structure, screens, and outlet pipe for the salmon rearing pond at our South Fork Klaskanine Hatchery site. The new pond outlet structure will replace the current system that has been in place since 1980.

Board Summary: Votes: 6Y, 0N

This project was supported by the Board with very little discussion.

Enhancement

Project Number: 15-038
Project Title: Chum Salmon Spawning Distribution
Project Type: Monitoring
Sponsor: Oregon Department of Fish and Wildlife
Enhancement/Restoration: Enhancement
Funds Requested: \$ 12,000
Match: \$ 12,153 (\$9,118 ODFW, USFS \$3,035)
Total Project Cost: \$ 24,153

Project Summary

Recovery planning for chum requires identifying the current distribution of spawning above Bonneville Dam. We propose to use eDNA to identify the presence of chum DNA in water samples from Upper Gorge streams. The eDNA is an accurate and cost-effective technique for identifying presence/absence of rare species (i.e., chum).

Board Summary: Votes: 6Y, 0N

This project was supported by the Board after a brief discussion.

Project Number: 15-039
Project Title: Florence STEP Angler Education Trailer
Project Type: Education
Sponsor: Florence STEP
Enhancement/Restoration: Enhancement
Funds Requested: \$ 7,926
Match: \$ 2,600 (\$2,600 Florence STEP)
Total Project Cost: \$ 10,526

Project Summary

Florence STEP is in need of an Angler Education trailer to use for their many education projects in Florence and Reedsport. Florence STEP has 180 Fishing rods and reels that are used for Free Fishing Day, Siuslaw Schools field trips, Boy & Girl Scout camp events, and watershed summer camps.

Board Summary: Votes: 5Y, 0N

This project was supported by the Board after a brief discussion. One member was unavailable for the vote.

Project Number: 15-040
Project Title: Mapes Creek Culvert Replacement
Project Type: Passage
Sponsor: Tillamook Estuaries Partnership
Enhancement/Restoration: Enhancement
Funds Requested: \$ 50,000
Match: \$ 527,053 (OWEB \$237,634; Tillamook Co Public Works \$62,069; USFWS \$76,000; TEP \$23,850; ODFW \$5,000; TU \$7,500; Patagonia \$15,000; NFWF \$100,000)
Total Project Cost: \$ 577,053

Project Summary

This project will construct a concrete bridge in place of an existing passage barrier culvert that is also at high risk of catastrophic failure. As a result, stream processes and functions and movement of aquatic organisms will no longer be adversely affected by the crossing structure at this location.

Board Summary: Votes: 5Y, 0N, 1Abstain

This project was supported by the Board after a brief discussion. One member abstained due to a possible conflict of interest.

Project Number: 15-043
Project Title: Vernonia Pond Pump Replacement
Project Type: Opportunity
Sponsor: Vernonia Lions Club
Enhancement/Restoration: Enhancement
Funds Requested: \$ 51,000
Match: \$ 8,300 (Lion's club \$2,000; ODFW \$3,300; City of Vernonia \$3,000)
Total Project Cost: \$ 59,300

Project Summary

The project will replace the current water pumping system at Vernonia Pond with a more efficient, easier to operate system.

Board Summary: Votes: 6Y, 0N

This project was supported by the Board after discussion on the possible impacts to the creek during low flows.

Project Number: 15-044
Project Title: Phillips Reservoir Monitoring and Evaluation
Project Type: Monitoring
Sponsor: ODFW - Grande Ronde Watershed District Office
Enhancement/Restoration: Enhancement
Funds Requested: \$ 6,660
Match: \$ 0
Total Project Cost: \$ 6,660

Project Summary

The proposed grant would fund the purchase of fish tags enabling the implementation of the Phillips Reservoir Tiger Muskie Monitoring and Evaluation Plan. 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, 0N

This project was supported by the Board after a brief discussion.

Project Number: 15-045
Project Title: Lower Marlow Creek Instream & Riparian Restoration
Project Type: Habitat
Sponsor: Coos Watershed Association
Enhancement/Restoration: Enhancement
Funds Requested: \$ 16,500
Match: \$ 102,418 (landowner \$6,000; ODFW \$1,760; USDA CREP \$3,425; OWEB \$91,233)
Total Project Cost: \$ 118,918

Project Summary

The goal of this project is to improve instream and riparian habitat on Marlow Creek. Objectives include bank pullback, riparian planting, and large wood and boulder placement. This will improve instream habitat and bank stabilization. The results include reduced sediment input, increased pools, wood, gravel, and riparian diversity.

Board Summary: Votes: 6Y, 0N

This project was supported by the Board after a brief discussion. Funding is contingent upon applicant receiving OWEB funding.

Project Number: 15-047
Project Title: Dart Creek Fish Passage Correction
Project Type: Passage
Sponsor: Scappoose Bay Watershed Council
Enhancement/Restoration: Enhancement
Funds Requested: \$ 45,000
Match: \$ 571,136 (OWEB \$459,354; Columbia Co. \$55,000;
ODFW \$8,000; USFWS \$40,782; Columbia
SWCD \$8,000)
Total Project Cost: \$ 616,136

Project Summary

Project goal is to open Dart Creek for fish access to 1.8 miles of cool water refugia and rearing habitat. Project will replace culvert barrier at the mouth of Dart Creek (confluence with Milton Creek) with bottomless arch, and three additional stream barriers prohibiting passage for juvenile and adult salmonids.

Board Summary: Votes: 6Y, 0N

This project was supported by the Board after a brief discussion. Funding is contingent upon applicant receiving OWEB funding.

Project Number: 15-048
Project Title: Cascade Lakes Creel Survey Phase 2
Project Type: Monitoring
Sponsor: Oregon Department of Fish and Wildlife
Enhancement/Restoration: Enhancement
Funds Requested: \$ 21,170
Match: \$ 7,200 ODFW
Total Project Cost: \$ 28,370

Project Summary

The proposed preference and creel survey will build upon 2014 creel efforts to collect additional angler preference information and specific catch data on rainbow trout and other game fish to evaluate stocks and release strategies. Results shall provide data for future fish management actions.

Board Summary: Votes: 6Y, 0N

This project was supported by the Board after a brief discussion.

Project Number: 15-049
Project Title: Turtle Flats Confluence Channel Restoration – Phase 2
Project Type: Habitat
Sponsor: Friends of Buford Park & Mt. Pisgah
Enhancement/Restoration: Enhancement
Funds Requested: \$ 200,000
Match: \$ 1,333,041 12 funding entities
Total Project Cost: \$ 1,533,041

Project Summary

Project enhances fish passage and off-channel/backwater fish habitat across 195 acres at confluence of Coast & Middle Forks of Willamette River. Project will excavate 12 channel segments to reconnect river to its floodplain side channels and improve winter-spring salmonid refugia and rearing habitat.

Board Summary: Votes: 5Y, 0N, 1Abstain

This project was supported by the Board after a brief discussion. One member abstained due to possible conflict of interest.