



R & E Grant Application 17-19 Biennium

Project #: 17-016

Youth Angling and Acclimation Pond Phase 2

Project Information

Requested Cycle: 17-2
R&E Project Request: \$137,250
Other Funding: \$51,450
Total Project: \$188,700
Spending Start Date: 7/1/2015
Spending End Date: 6/30/2017
Project Start Date: 7/1/2015
Project End Date: 6/30/2017
Organization: Oregon Department of Fish and Wildlife

Applicant Information

Name: Jennifer Luke
Address: 61374 Parrell Road
Bend, OR 97702
Telephone: 541-388-6350 x225
Email: jennifer.a.luke@odfw.oregon.gov

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Authorized Agent

Name: Erik Moberly
Address: 61374 Parrell Road
Bend, OR 97702
Telephone: 541-388-6145
Email: erik.r.moberly@odfw.oregon.gov

Authorized Agent

Name: Jennifer Luke
Address: 61374 Parrell Road
Bend, OR 97702
Telephone: 541-388-6350 x225
Email: jennifer.a.luke@odfw.oregon.gov

Location Information

Where is it?

The project will occur on public land owned or managed by the applicant

Site Description

Street Address, nearest intersection, or other descriptive location.

Old Fish Hatchery Road, Camp Sherman, OR

Directions to the site from the nearest highway junction.

Hwy 20 to USFS Rd 14, to USFS 1420, to Old Fish Hatchery Rd

Following project completion, public anglers will be allowed the following level of access to the project site:

Limited access

Please describe what leases, easements, agreements are in place to ensure angler access to the project site, and what is the length of each agreement.

Oregon Department of Fish and Wildlife owns the property

Dominant Land Use Type:

Forest

Range/pasture

Wetland

Project Location

General Project Location.

County: JEFFERSON

ODFW Dist: Deschutes

Stream/Lake/Estuary North Fork Lake Creek

Name:

Sub-basin: 17070301

Tributary of: Metolius River

Specific Project Location.

Latitude		Longitude	
	44.45624		-121.64688

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

This is Phase 2 of the project. The proposed plan is to re-configure an old ODFW hatchery property to facilitate recreation, interpretive uses, and conservation. A pond would provide an angling opportunity for youth. Smolt acclimation and hatchboxes would be utilized in the pond and inlet during non-angling season.

Overall Project Goals

Describe the primary goals or outcomes of the entire project, including elements not requesting

funding from R&E.

The spring fed pond, stocked with trout, will provide youth angling and aquatic education opportunities. Funds from Phase 1 and Phase 2 include pond excavation and developing infrastructure for this use.

In the winter and spring, the pond and inlet would be used for salmon smolt acclimation and salmon egg hatch boxes.

Primary objectives of R&E funding

Please describe the measurable objectives for the R&E portion of the funding request.

Phase 2 objectives include completing infrastructure at site. Develop facilities: parking area and vault toilet.

Develop picnic facilities: picnic tables, ADA trail and parking, fencing.

Develop volunteer host pad and hook ups.

Installment of signs, kiosk, fencing and gates.

Prepare for chinook smolt acclimation: net pens

Current Situation/Justification

Please describe the current situation and explain why this funding is needed.

Through STEP's Kokanee Karnival Youth Education Program, local school groups visit the site and conduct stream and fisheries investigations. Spring creek, with spawning salmon and trout, is an excellent location for students to perform stream studies. The property is also an ideal site for a pond that would provide further education about aquatic habitat and an angling opportunity for youth. Angling on the Metolius River is restricted to fly-fishing only, and catch and release. Due to the angling regulation and its physical setting, it can be difficult for a youth and or disabled angler to catch fish and the immediate area lacks easy angling opportunities. In 2014, the R&E board funded the removal of the old, crumbling hatchery raceways on the site. In 2016 the R&E board approved funding for Phase 1 of this project. Using R&E funds, excavation of the half acre pond was completed in December 2016. Other actions such as construction of inlet structure and parking area clearing will be complete by June 2017. Funding is needed to complete Phase 2 and the final phase of this project. Upon completion of Phase 2, the site will be open to the public and also utilized for smolt acclimation.

Recreation and Commercial Benefit

This project will provide benefits to:

Recreational fisheries

Explain how this project will contribute to current (and/or potential) fishing opportunities, access, or fisheries management.

Many anglers visit the Metolius River throughout the year. Angling on the Metolius River is restricted to fly-fishing only and catch and release. While this is a popular fishery for experienced fly anglers, it is a very difficult place for a young or disabled angler to catch fish. The pond creates an outdoor recreation opportunity, namely angling, for youth 17 and under and disabled youth anglers. This stocked rainbow trout fishery will provide an easy place for young people to fish. An ADA improved gravel parking area and paved path will provide access for disabled youth anglers. The pond could be reserved for fishing classes and special events for all ages. ODFW staff and other organizations will host youth angling events and outdoor skills

classes at the pond. ODFW's "25 Year Angling Enhancement Plan" provides the framework for the Department to set and meet goals associated with improving angler recruitment and retention. Providing additional youth angling opportunities is a cornerstone of this effort.

Percent benefit split between Commercial and Recreational anglers:

0 % Commercial

100 % Recreational

Please explain, or justify, how the percentage split was determined:

This project will benefit recreation sport anglers. From May through October the pond will be open to anglers 17 and under, and disabled anglers. On a reservation basis, fishing classes may be hosted for all ages.

The pond will be stocked with sterile rainbow trout, and provide a simple and easy angling opportunity for youth. The pond will also be used to acclimate chinook and sockeye smolts, while this could be a commercial fishery benefit, it is too early to determine if the runs would contribute to commercial fishery.

This project has been identified as an ODFW priority for:

Local/watershed

Basin/regional

Does this project directly support implementation of the ODFW Strategic Plan and/or current Fish Division priorities?

Please briefly explain when this was identified as a priority and what process or workgroup was used to identify this as an ODFW priority.

Identify any plan or other document that identifies this priority.

The project meets Goal 2 of ODFW's 25 year Angling Enhancement Plan, "recruit new anglers, especially young people. Programs should foster life-long participation based on simple, easily available opportunities."

This project meets two suggested salmon rearing methods, hatchboxes and smolt acclimation of Confederated Tribes of WS's and ODFW's plan, "Reintroduction and Conservation Plan for Anadromous Fish in Upper Deschutes.

This project meets management direction policy from the ODFW's Metolius River Subbasin Plan. Objective 3: ...provide an opportunity for juveniles to angle for trout in a standing water body.

Is this project part of an approved Salmon-Trout Enhancement Program (STEP) activity?

Yes

Volunteers from Central Oregon Flyfishers lead field trips on the property. Expansion of the site with a pond will provide an opportunity for volunteers to be involved with enhancing chinook and sockeye populations as well as lead expanded field trips that will include angler education. The STEP advisory board approved the project and provided a water right exemption for raising salmon eggs and using the site for fisheries and aquatic education.

This project is intended to benefit the following species:

Other Species

Sockeye

Spring Chinook Salmon

This project will benefit anglers or fishery by providing:

Angler Access

Angling Opportunity

Angler Access

This project will:

Provide access to new angling opportunities

Reduce barriers to fishing participation (i.e. ADA access, more parking, family friendly)

Choose the following that best describes the angling access provided by the project:

Restroom facility

Bank

Do similar access sites, facilities, or fisheries exist within 10 miles of the project site?

No

Angling Opportunity

This project will:

Provide new opportunity for anglers to catch fish (new pond, more fish to stock more areas, new species)

Enhance natural production of fish stocks to levels that allow for recreational fishing opportunities

Restore a degraded fishery

Project Description

Schedule

Activity	Date	RE Funding
Excavate Pond, Remove spoils	December 20, 2016	Yes
Bore inlet	June 30, 2017	Yes
Construct outlet and bioswale	September 30, 2017	Yes
Demolish sheds	April 10, 2017	Yes
Fencing	June 30, 2017	Yes
Construct Volunteer Host pad (hook ups included)	October 1, 2017	Yes
Construct parking area, install gates	October 1, 2017	Yes
Contract sign and kiosk work, install signs	October 1, 2017	Yes
Contract to install vault toilet	October 1, 2017	Yes
ADA path	November 1, 2017	Yes
ADA Parking	November 1, 2017	Yes
Plant grasses, shrubs and trees	December 1, 2017	Yes

Permits

Permit	Secured?	Date Expected
Archeology - State Historic Preservation Office	Yes	
DSL	Yes	
DEQ	Yes	
Water right - STEP Project approval	Yes	
Zoning exemption for public use - Jefferson County	Yes	

Project Design and Description

Please describe in detail the methods or approach that will be used to achieve the project objectives.

Due to constricting time frames for construction and biennium funding, the project development is phased. Phase 1 funding was approved August 2016 and will be complete June 30, 2017.

This application is for Phase 2 funding. ODFW engineering provided plans (see attached plans)

and cost estimates for much of the work. Phase 2 contracted work will include volunteer host pad hook ups, installation of the ADA compliant vault toilet, ADA path and ADA parking. DSL, DEQ and SHPO site visits are complete. ODFW Engineering Department will hire contractors and acquire any further permits.

Engineering

Does the project involve capital improvement, engineering, site grading or other construction?

Yes

On ODFW land or managed by ODFW staff

Part of an ODFW program like STEP

Project Management and Maintenance

What is the life expectancy of R&E funded construction, structures, equipment, supplies, data or fishery?

Life expectancy of fence and water inlet pipe will be 15 to 20 years.

Who is responsible for long term management, maintenance, and oversight of the project beyond what is funded by R&E.

The Oregon Department of Fish and Wildlife Bend district and Wizard Falls Hatchery staff will have oversight of the property. Volunteer hosts living on site during the angling season will also oversee day to day operations the property during fishing season. Public access to the property will be open from 8:00pm to 6:00pm (subject to change), from the fourth weekend in May to October 1.

Will the project require ongoing maintenance?

Yes

Maintenance will include raking, mowing and trash pick up. Gate will be opened and closed each day. Most of this maintenance will be part of the volunteer's host scope of work, but staff and volunteers from Wizard Falls hatchery will also oversee the property.

Is there a plan to collect baseline data and to conduct monitoring efforts to measure the effectiveness of the project?

Yes

Collection of water quality samples in the pond, and springs below bioswale will be conducted prior to fish stocking. Temperature and other water quality parameters will be tested bi-monthly after pond is in use.

Project Funding

Funding

Have you applied for OWEB funding for this project?

No

Has this proposal, or similar proposal for this project location, previously been denied by OWEB or other funding source?

[{"source":"ODFW","type":"In-Kind","secured":"Secured","dollarValue":38200,"comments":""},{ "source":"Central Oregon fly-fishers","type":"Cash","secured":"Secured","dollarValue":1500,"comments":""},{ "source":"Interna

tional Federation of

Flyfishers", "type": "Cash", "secured": "Pending", "dollarValue": 1500, "comments": "", {"source": "Volunteers for planting", "type": "In-

Kind", "secured": "Pending", "dollarValue": 3000, "comments": ""}, {"source": "COF volunteers for education and outreach", "type": "In-

Kind", "secured": "Pending", "dollarValue": 6250, "comments": ""}, {"source": "STEP", "type": "Cash", "secured": "Pending", "dollarValue": 1000, "comments": ""}]

Other Funding Source	Type	Secured	Dollar Value	Comments
ODFW	In-Kind	Secured	38200	
Central Oregon fly-fishers	Cash	Secured	1500	
International Federation of Flyfishers	Cash	Pending	1500	
Volunteers for planting	In-Kind	Pending	3000	
COF volunteers for education and outreach	In-Kind	Pending	6250	
STEP	Cash	Pending	1000	
		Total	51450	

Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
PROJECT MANAGEMENT						
Jen Luke, STEP Biologist	160	40.00	6400	0	0	6400
Brett Hodgson, District Biologist	160	50.00	6000	0	0	6000
Rocky Smith, ODFW Engineer Staff	280	60.00	16800	0	0	16800
		SUBTOTAL	29200	0	0	29200
IN-HOUSE PERSONNEL						
Kurt Cundiff Tech 3 - fence, tractor, bulldozer	120	45.00	5400	0	0	5400
Jack Vaugh Tech 2 - fence, misc	120	30.00	3600	0	0	3600
		SUBTOTAL	9000	0	0	9000
CONTRACTED SERVICES						
Pre-fab vault toilet - single, ADA	1	35000.00	0	0	35000	35000
ADA path/trail	1	20000.00	0	0	20000	20000
ADA parking area	1	20000.00	0	0	20000	20000
Volunteer host site: water, sewer, hook ups	1	12000.00	0	0	12000	12000
outlet/bioswale and pond finishing	1	9500.00	0	0	9000	9000
General parking area and host pad	1	15000.00	0	0	15000	15000
Install privacy fence around hatchery house and host pad	1	6000.00	0	0	6000	6000
Build kiosk	1	2500.00	0	0	2500	2500
		SUBTOTAL	0	0	119500	119500
TRAVEL						
			0	0	0	0
		SUBTOTAL	0	0	0	0
SUPPLIES/MATERIALS						
native plants and shrubs, seed, trees	50	5000.00	1000	0	4000	5000
Crushed gravel 200 cu yds for parking	200	15.00	0	0	3000	3000
fuel tractor, bulldozer	1	800.00	0	0	800	800
smolt box	1	1000.00	0	0	1000	1000
dump fees	1	300.00	0	0	300	300
		SUBTOTAL	1000	0	9100	10100
EDUCATION/OUTREACH						
STEP volunteers education (Kokanee Karnival)	250	25.00	6250	0	0	6250
STEP volunteers planting	120	25.00	3000	0	0	3000
		SUBTOTAL	9250	0	0	9250
EQUIPMENT						
Net pens for smolt acclimation (4)	4	750.00	0	1500	1500	3000
Picnic tables (4)	4	850.00	0	0	3400	3400
signs (rules and regulations of property) (15)	15	200.00	0	0	3000	3000
interpretive signs (3)	3	750.00	0	1500	750	2250
		SUBTOTAL	0	3000	8650	11650
FISCAL ADMINISTRATION						
			0	0	0	0
		SUBTOTAL	0	0	0	0
		BUDGET TOTAL	48450	3000	137250	188700

Internal Review Results

Review Score: 2.3 out of 3

(0 = Do Not Fund, 1 = Strengthen Proposal, 2 = Recommend, 3 = Strongly Recommend)

Summary of Review Team Comments

Phase I of this project was already supported by R&E and the review team. This proposal is for Phase II and completes the construction of the project. The review team supports this proposal but refinement of the budget and more details specific to phase II need to be included as the current proposal is generic and lacking detail. Review team scores included one 1, four 2s, and four 3s.

Specific Review Team Comments

The application talks a lot about the benefits of the project, but just generally about the Phase 2 portion of the funding. I would like to see more detail, justification for paying existing employees, and more discussion about the maintenance. There is talk about mowing and picking up trash, but what about toilet pumping and upkeep? Need more information on the costs of the items as well- some items seem expensive, like \$850 picnic tables.

The budget line item "net pens for smolt acclimation" does not make sense 4@ \$3,000 unit cost, then the total is \$3,000. Are they \$750 unit cost? Same for picnic tables. Do you mean 4@ \$850 instead of 1@ \$850. Same for signs, kiosk...unit number times unit cost does not make sense with total cost.

The 2nd line item in travel for per diem for parking and host seems excessive at \$11k when salary for the same task is \$16k. Please verify.

Add most recent version of plans that show the entire site plan developments. The version does not include the relocation of the path and restroom or other slight adjustments made in late summer 2016.

This is great project with good matches but it has been controversial in the past.

Will provide a great youth angling and angler ed opportunity. Also helps meet objectives of anadromous salmonid reintroduction into upper Deschutes Basin.

Specific Review Team Questions

What plans do you have to conduct public outreach for this final portion of the project?

Project Map



Additional Files

Budget Information

Maps

[Project Map](#)

Map image of project location

Photos

[ODFW Spring Creek Property Survey](#)

Survey and aerial photo

[Pictures of pond excavation 11_10_16](#)

pictures of pond excavation

Design Information

[Spring Creek Pond Engineer Plans 9_1_17](#)

Engineering plan of site

Management Plans and Supporting Documents

Permits and Reviews

[STEP Project Proposal ODFW Spring Creek](#)

STEP Project Proposal 10_23_15

Partnerships

Public Comment

Administrative Documents

[Racial and Ethnic Impact Statement](#)

Racial and Ethnic Impact Statement

[Signature Page Robert Hooton 2_21_17](#)

Signature Authorization Page

Completion Report

A completion report has not been submitted for this project.