



# R & E Grant Application 15 Biennium

Project #:  
15-037

## *Youth Angling and Acclimation Pond - Camp Sherman*

### ***Project Information***

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**R&E Project Request:** \$218,400.00  
**Total Project:** \$245,750.00  
**Start Date:** 8/10/2015  
**End Date:** 6/30/2017  
**Organization:** Oregon Department of Fish and Wildlife

### ***Applicant Information***

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**Name:** Jennifer Luke  
**Address:** 61374 Parrell Road  
Bend, OR 97702  
**Telephone:** 541-388-6350 x225  
**Email:** jennifer.a.luke@state.or.us

### ***Past Recommended or Completed Projects***

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Number	Name	Status
09-174	Central Oregon Angling Guides	Completed

## **Location Information**

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### 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 Rd, 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 & Wildlife owns the property.

*Dominant Land Use Type:*

Forest

Range/pasture

### Project Location

*General Project Location.*

**County:** Jefferson

**Town/City:** Camp Sherman

**ODFW Dist:** East Region - Bend District

**Stream/Lake/Estuary Name:** Spring Creek,

**Sub-basin:** Metolius

**Tributary of:** Metolius

*Specific Project Location.*

Latitude	Longitude
44.4543861	121.6474806

## **Project Summary**

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### Project Summary

*Please provide a couple sentence summary of the proposal.*

The proposed plan for the former, ODFW hatchery site is to re-configure the parcel for recreation and interpretive uses compatible with conservation. A small fishing pond would provide an easy angling opportunity for youth. Smolt acclimation and hatchboxes would utilized in the pond and inlet during the off season.

### Overall Project Goals

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

*funding from R&E.*

The goal of this project is two-fold. The primary goal is to provide a youth fishing pond and therefore an easy angling opportunity. A small pond with picnic facilities, a parking area would be developed. The pond and inlet would be used for smolt acclimation and hatchboxes.

Primary objectives of R&E funding

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

Construct a 1/2 to 3/4 acre pond. Develop picnic facilities, parking area, a volunteer host pad and fence. Provide a safe, aesthetic place for interpretation and STEP program field trips.

The pond would also be used for acclimation and salmon egg incubation. Pre-smolts would be transferred from Wizard Falls Hatchery to net pens in the pond where they will be held for several weeks prior to release.

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. The creek, and the springs provide an excellent location for students to perform stream studies. It is also an ideal site for a fishing pond that would provide an easy angling opportunity for families. Angling on the Metolius River is restricted to fly-fishing only, catch and release. Due to the regulation and its physical setting, it is difficult for a youth angler to catch fish in the Metolius River and the immediate area lacks easy fishing opportunities for young people.

Anadromous reintroduction above Pelton Dam is still in its early stages and adult returns have been relatively low. Studies have demonstrated that brief exposure of smolts to localized water greatly increases the ability of adult fish to return to the natal release site. Acclimation and hatchboxes will be a contributor to the success of returning adults to upper Deschutes sub basin.

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, catch and release. Due to the regulation and its physical setting, it is difficult for young or disabled angler to catch fish in the Metolius River and the immediate area lacks easy fishing opportunities for young people. The pond creates an outdoor recreation opportunity, namely angling, for youth 17 and under. A stocked rainbow trout fishery provides an easy place for young people to fish. ODFW staff will host youth angling events and "Passport to the Outdoor" classes at the pond. The pond could be reserved for fishing instruction and special events for all ages. In 2009, ODFW instated its 25 Year Angling Enhancement Plan. This document provided 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.

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

Yes

Salmon-Trout Enhance Program volunteers currently use the site to conduct stream and fisheries investigations with local school groups. With a pond on the site, STEP volunteers could host youth angling clinics. STEP volunteers would also maintain Chinook hatch boxes.

*This project has been identified as a priority for:*

Local/watershed

*Identify any plan or other document that identifies this priority.*

This project meets Goal 2 of the 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 is intended to benefit the following species:*

Fall Chinook Salmon

*This project will benefit anglers or fishery by providing:*

Angler Access  
Angling Opportunity  
Education/Outreach

#### 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:*

Open ODFW property to the public and provide fishing pond.  
Restroom facility  
Bank  
Road

*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)

#### Education/Outreach

*This project will:*

Teach the public about fishing basics, fishing gear, fishing techniques, and/or fishing etiquette  
Teach the public about fish (ecology, life history) and/or fish habitat needs  
Teach the public about watershed health and it's relation to the health of fish populations

*The main focus of this project is to:*

Support established education program

*Is this education/outreach associated with ODFW efforts?*

Yes  
STEP  
Angler education

Outdoor skills  
ODFW facility

*This education/outreach effort will target:*

Youth (< 18 years old)  
Adults (18 years old or more)  
Families (Youth and Adult family members/mentors)  
New anglers  
School groups

*Number of people targeted by this proposal:*

1,000 people in a season

*Estimate the average amount of time that each attendee will participate in the proposed effort.*

1.5 hrs

*Explain the duration/frequency of the proposed outreach effort.*

Most of the 15 acre parcel would be open to the public from May to October during the day. Field trips to observe kokanee salmon spawning and conduct stream and pond investigations would occur in the fall. Pond could be used for outdoor skills classes on a reservation basis. Hatchbox maintenance would occur in October and Chinook smolt acclimation in early spring.

*Will the developed materials be available for use by other organizations or the public(i.e curriculum, teaching techniques, educational strategies, materials)?*

No

## ***Project Description***

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### Schedule

Activity	Date	RE Funding
Excavating of pond, and pipe development from spring to the pond.	April - June 2016	Yes
Develop of gravel, 15 car, 40*60' parking area.	April - June 2016	Yes
Construct picnic pavilion.	April - June 2016	Yes
Slab for portable toilets.	April - June 2016	Yes
Develop RV site, this includes pad for RV and water, electric hook ups.	April - June 2016	Yes
Construct wood rail fence around perimeter of property and privacy fence for hatchery residence house.	April - June 2016	Yes
Haul fill off site	April - June 2016	Yes
Regulatory and information signs installed.	April - June 2016	Yes
Install hatch boxes.	September 2016	Yes

### Permits

Permit	Secured?	Date Expected
DSL	No	July 2015
DEQ	No	August 2015
Archeology - State Historic Preservation Office	Yes	

### Project Design and Description

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

Most of the work will be contracted. Contracted work would include pond excavation, construction of picnic pavilion and portable toilet area, building kiosk, grading road, installation of south perimeter fence, hauling of fill to an off site location, and development of RV site (water and electric hook up).

### Engineering

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

Yes

On ODFW land or managed by ODFW staff

Project Management and Maintenance

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

Life expectancy of fence, picnic pavilion, 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 & Wildlife Bend district and Wizard Falls Hatchery staff will have oversight of the property. Volunteer hosts living on site during the fishing season will oversee the property. Public access to the property will be on a limited basis. Gate to the property will be open from 8:00 to 5:00 pm, from the fourth weekend in April to October 1.

Will the project require ongoing maintenance?

Yes

Portable toilets on the property will be leased, and maintenance contracted. General grounds maintenance may include trash pick up, raking, mowing. Gate will be opened and closed each day. Most of this maintenance will be part of the volunteer host's scope of work, but staff and volunteers from Wizards 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?

Not necessary

**Project Funding**

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Funding

Have you applied for OWEB funding for this project?

No

Other Funding Source	Type	Secured	Dollar Value	Comments
ODFW district and STEP staff time	In-Kind	Secured	12600	
ODFW Upper Deschutes District	Cash	Secured	14750	
		Total	27350	

## Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
<b>PROJECT MANAGEMENT</b>						
STEP Biologist	80	35	2800	0	0	2800
		SUBTOTAL(1)	2800	0	0	2800
<b>IN-HOUSE PERSONNEL</b>						
STEP Biologist	80	35	2800	0	0	2800
Asst. District Biologist	80	35	2800	0	0	2800
Tech 2	120	35	4200	0	0	4200
		SUBTOTAL(2)	9800	0	0	9800
<b>CONTRACTED SERVICES</b>						
Excavation of pond and hauling associated fill	0	0	0	0	150000	150000
Piping of to pond from spring	0	0	0	0	3600	3600
Parking area	0	0	0	0	4400	4400
Grade and compact road	0	0	0	0	5500	5500
Slab and frame for portable toilets	0	0	0	0	1000	1000
Pole barn for covered picnic area 30*40'	0	0	0	0	26500	26500
Fence - wood rail 2,400'	0	0	0	0	5000	5000
Fencing for hatchery house residence - privacy fence	0	0	0	0	2500	2500
Kiosk	0	0	0	0	8500	8500
Host site, water, sewer, electric hook up	0	0	0	0	8400	8400
Lease portable toilet, service	1	0	0	6000	0	6000
		SUBTOTAL(3)	0	6000	215400	221400
<b>TRAVEL</b>						
	0	0	0	0	0	0
		SUBTOTAL(4)	0	0	0	0
<b>SUPPLIES/MATERIALS</b>						
Native plants, seed	0	0	0	0	3000	3000
		SUBTOTAL(5)	0	0	3000	3000
<b>EDUCATION/OUTREACH</b>						
	0	0	0	0	0	0
		SUBTOTAL(6)	0	0	0	0
<b>EQUIPMENT</b>						
Net pen for smolts	1	7000	0	7000	0	7000
Hatchboxes	3	250	0	750	0	750
Signage	10	100	0	1000	0	1000
		SUBTOTAL(7)	0	8750	0	8750
<b>FISCAL ADMINISTRATION</b>						
	0	0	0	0	0	0
		SUBTOTAL(8)	0	0	0	0
		<b>BUDGET TOTAL</b>	12600	14750	218400	245750

## ***Additional Files***

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Click a link to view that particular file.

[Aerial Map of Proposed Pond Location](#)

[ODFW Spring Creek Property Survey](#)

[Photos of site](#)

[Signature Authorization Page R&E Grant 6-11-15](#)

[STEP-Kokanee Karnival Photos](#)

[Work Order Form Jen Luke 6-5-15](#)



**WORKING SKETCH OF ODFW "METOLIUS PROPERTY"  
TAX LOT 100, MAP 13S9E10C, JEFFERSON COUNTY, OREGON**

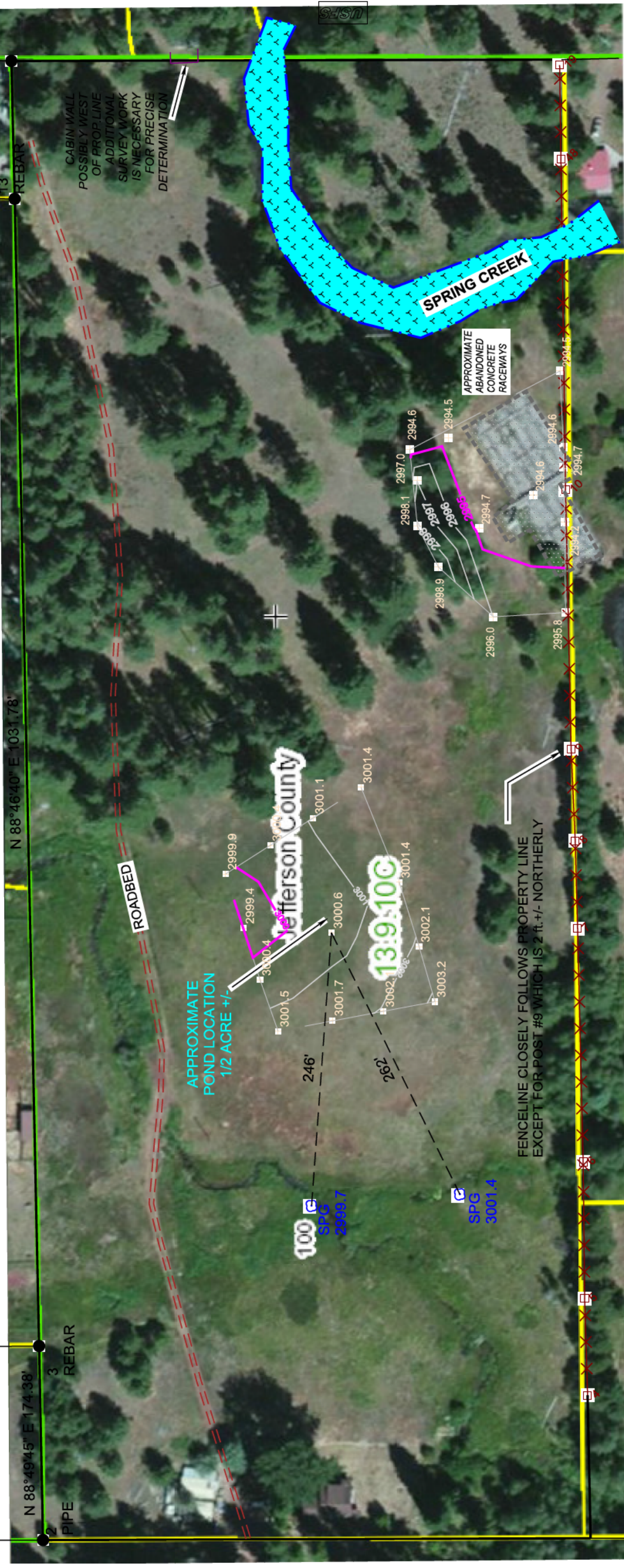


PRIVATE PROPERTY

N 88°49'45" E 174.38'  
PIPE  
3  
REBAR

N 88°46'40" E 103.78'

N 88°39'00" E  
124.15'  
REBAR  
13  
ORANGE  
ANGLE IRON



USFS

PRIVATE PROPERTY

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Glenn Eastman*

OREGON  
JANUARY 19 1993  
GLENN J EASTMAN  
2575

RENEWAL DATE: 12/31/15



541-350-0167 / orsurveyor@gmail.com

FILE NAME	ODFW_Metolius VER2.TRY	DRAWING	worksheet 2
SCALE	100 Ft/in	DATE	5-22-2015
JOB	ODFWMETOL	REVISION	(1)-5/22/15
		DRAWN BY	GJE
		SHEET	1/1



Looking at West at meadow.  
Proposed pond location.



Proposed parking area

2015. 5. 22



Pond

Parking area

ODFW former hatchery site - Camp Sherman -  
proposed pond and parking site

1994

Imagery Date: 7/8/2013 44°27'20.72" N 121°38'51.79" W elev 2964 ft eye alt 4078 ft

Google earth

STEP – Kokanee Karnival Fall Field Trip on ODFW Spring Creek Site



**Applicant Signature Page**  
**Fish Restoration and Enhancement Program**  
(Oregon Department of Fish and Wildlife Applicants)

I hereby make an application for financial assistance under the terms and conditions of the Fish Restoration and Enhancement Program as described in my project application. I acknowledge that:

- This proposal is an identified priority at the  district,  region, and/or  state level and has been identified as such in the application (**check box** for appropriate level).
- This proposal is consistent with any applicable goals, policies, rules, species or basin management plans adopted by the F&W Commission and this has been explained in the application.
- This proposal will not be used to cover, back fill, or fund shift elements that have been cut or defunded as part of agency budget reductions. Approved deferred maintenance or projects with division approval are exceptions.

I understand that if my project proposal is approved for Restoration and Enhancement (R&E) Program funding, the following will apply:

- Applicants must sign an agreement containing the terms and conditions for the project implementation, release of funds, and documentation of completion. Non-compliance may impact future funding opportunities.
- The R&E Program will not pay for expenses which occur before the approved start date or after the end date.
- Funding is available one biennium only without prior authorization by the R&E Board.
- Applicant agrees to notify the R&E Program of all funds not needed for the project upon determination.
- Any inappropriate expenses using R&E funds will be corrected by the applicant immediately. By the close of the biennium any expenses exceeding, or not identified in, the grant approval will be reverted to a local cost code.
- Copies of all landowner, monitoring and maintenance agreements must be submitted to the R&E Program.
- Educational products resulting from projects are public domain.
- Information collected is subject to Oregon Public Records Law.
- As applicable, the project will be consistent with all federal, state, and local regulations, including the State Land Use Planning Goals & Local Land Use Plans, prior to any on the ground work.

By signing this application, I certify to the best of my knowledge that the information contained in the application are true, complete and accurate. If awarded funding the applicant agrees to follow all terms and conditions outlined in the agreement.

Project Title: Youth Angling and Acclimation Pond - Camp Sherman

Applicant Name: Jennifer Luke Title: STEP Biologist

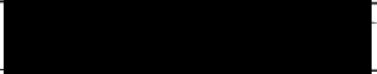
Applicant Signature:  Date: 6-9-15

**Manager Certification:**

To be completed by Watershed Manger, Hatchery Coordinator, Program Manager, or higher level manager.

- I concur with the statements above and the applicant has permission to request these funds.

Manger Name: William M. Horton Title: Watershed Manager

Manager Signature:  Date: 6-10-15



**OREGON DEPARTMENT OF FISH & WILDLIFE**  
Fish Division, Engineering

**WORK ORDER**

NEW CONSTRUCTION  
 IMPROVEMENT

REPAIR  
 OTHER:

NUMBER

**FACILITY:** Former Metolius/Spring Creek Hatchery Site – Camp Sherman  
**DESCRIPTION:** Plans for excavating a half-acre pond, depth of 12-15 feet. Plans for pipe (200') from spring to pond. Approve pre-engineered plans for covered picnic pavilion 30'\*40'.

<b>TENT. START DATE:</b> April 2016		<b>TENT. COMPL. DATE:</b> July 2016		<b>IN-WATER WORK?:</b> No	
COST CODE TITLE	GRANT	COST CENTER	PHASE		
R&E grant or Bend district					

<b>ORIGINATOR:</b> Jennifer Luke, STEP biologist, Bend	<b>REGION/SECTION :</b> East Region, Bend ODFW office/ Wizard Falls Hatchery	<b>ENGINEERING</b>	
<b>DATE:</b> June 5, 2015	<b>DATE:</b>	<b>DATE:</b>	

**COMMENTS:**

**COMPLETION**