



# R & E Grant Application 13 Biennium

Project #:  
13-057

## *Fall Chinook Rearing Facility Upgrades*

### ***Project Information***

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**R&E Project Request:** \$23,733.00  
**Match Funding:** \$18,141.44  
**Total Project:** \$41,874.44  
**Start Date:** 6/1/2014  
**End Date:** 6/30/2015  
**Project Email:** mbrochu@frontiernet.net  
**Project Biennium:** 13 Biennium  
**Organization:** Umpqua Fishermens Association (Tax ID #: 93-0878110)

### ***Fiscal Officer***

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**Name:** Larry Phillips  
**Address:** 121 Amhurst Ct.  
Winston, OR 97496  
**Telephone:** 541-679-1096  
**Email:** Larryfishin2@charter.net

### ***Technical Contact***

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**Name:** Gregory Huchko  
**Address:** 4192 N. Umpqua Hwy.  
Roseburg, OR 97470  
**Telephone:** 541-440-3353 x249  
**Telephone 2:** 412-558-8591  
**Email:** Greg.F.Huchko@state.or.us

### ***Applicant Information***

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**Name:** Michael Brochu  
**Email:** mbrochu@frontiernet.net

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

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This applicant has no previous projects that match criteria.

### ***Project Summary***

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This project is part of ODFW's 25 Year Angling Plan.

**Activity Type:** Propagation - STEP  
**Summary:** The Cooper Creek egg and smolt rearing facility has been part of the Umpqua

Fishermen's Association fall chinook program for about 20 years. For the past 10 years this site has not been in operation and is in need of major repairs in order to restore it. Lower production levels and other construction at the site have contributed to us not using the facility in recent years. With this site back in operation we will be able to avoid the risk of "having all of our eggs in one basket".

This site has also had issues with water quality, these upgrades will address those issues.

**Objectives:** Objectives of the project are to:

- (1) Locate and establish a new intake for the facility, this will solve the water quality issues.
- (2) Lay in a new 4" PVC waterline from the intake to the facility.
- (3) Installation of a new chain link fence around the facility.
- (4) Level and extend the concrete pad.
- (5) Clean and recoat the fish holding ponds.
- (6) Rebuild the platforms and approximately 20 new hatchboxes that will be used at the site.
- (7) Re-plumb the hatchboxes and rearing ponds.

**Fishery Benefits:**

The goal of this program is to provide both an ocean commercial and recreational fishery, as well as an in-river recreational fishery on the Umpqua River. At 300,000 pre-smolts released in the Calapooya, approximately 400-600 fall Chinook would subsequently be available for harvest. These fish create an opportunity for anglers to fish for hatchery origin fish in an area near downtown Roseburg.

The program can also be used to educate and increase students/public awareness about salmon biology, life cycles, distribution and special habitat requirements as well as increasing relationships with volunteer based angling clubs in the district.

**Watershed  
Benefits:**

Benefits to the watershed are primary derived from angler awareness and youth education. Every year more than 300 students are involved in an educational experience by fin-clipping thousands of hatchery produced fall chinook. Teachers incorporate this into their curriculum as they focus on salmon life history and biology for part of their school year. Although these benefits may not be measureable they do have a long term benefit on the watershed by creating more knowledgeable anglers and citizens alike.

Likewise the partnership between the ODFW and the UFA to produce these chinook leads to knowledgeable volunteers and also partnerships with other projects such as angler education, broodstock collection, and monitoring.

**Current  
Situation:**

Currently the intake for the facility is situated too low in the water column and has drawn high levels of sulphur dioxide through the egg stacks and rearing ponds. This will be eliminated by elevating the location of the intake pipe in the water column, drawing better quality water.

The pipe from the intake to the facility has degraded and cracked over the years and has been removed. New construction of the adjacent water treatment plant was done by the landowner and as part of this work the piping and other portions of the original facility have been altered and/or removed.

Also, the platforms and hatchboxes will have to be repaired and replaced. The boxes and rearing pond will then need to be re-plumbed to the new intake pipe.

**Alternatives:** No other facilities in the basin offer as high of a potential for succesful fish rearing or the capacity needed for this program. As is, this facility is not operational in it's current state.

The only other option would be staying at staus quo by rearing all of the eggs and fish at Barrett Cr. Currently the Barrett Cr site is in great operating condition but the capacity is limited. Having full production (300,000) pre-smolts at this site is risky and high losses have occurred during high flow water events.

Cooper Cr offers the most logical and safe location to be able to rear approximately half of the fall chinook 18 program. It is a secure location, has consistent flow, and is in close proximity to UFA members who live near Sutherlin.

**Designer:** Design work will be done by ODFW STEP Biologist, UFA members, and Sutherlin Water Control District.

- Methods:**
1. Pacific Excavation will provide labor, material and equipment as required to furnish and install approximately 1300' of 4" PVC water line from Cooper Cr Reservoir to the fish rearing pond located near Cooper Cr water treatment plant.
  2. Installation of approximately 285' of 6' tall galvanized chain link fence with 3-strand barb wire. Also, 1-14'x6' single swing gate will be installed.
  3. A contractor will level and extend the existing pad for the the hatchboxes. Concrete work will be done at this location as well.
  4. The existing rearing pond will be "blasted" with walnut shells and double coated with Devoe 233H NSF coating.
  5. UFA members will repair, rebuild and re-plumb the platform, hatchboxes, and rearing pond.

**Inspector:** ODFW STEP Biologist

**Funding Elements:**

- (1) Locate and establish a new intake for the facility.
- (2) Lay in a new 4" PVC waterline from the intake to the facility.
- (3) Installation of a new chain link fence around the facility.
- (4) Level and extend the concrete pad.
- (5) Clean and recoat the fish holding ponds.

**Partners:** Yes

ODFW; technical support and project assistance  
Umpqua Fishermen's Association; initial site clean-up and preparation, contacting and coordinating with contractors, design work, and repair and rebuild the facility.

Sutherlin Water Control District: Landowner access granting, some design work.

**Existing Plan:** Yes

This proposal is part of the Calapooya Creek Fall Chinook 18 Program (STEP)

**Affected Contacted:** Yes

**Affected Supportive:** Yes

**Affected Comments:** ODFW, the UFA, and the Sutherlin Water Control District fully support this program and will be assisting in its completion.

***Project Schedule/Participants/Funding***

Activity	Date	Participants
On Site Meeting and Planning	3/1/2014	UFA/ODFW/Contrators
Permit Aquisition (if needed)	1/1/2014	ODFW/UFA
Start Project	4/1/2014	UFA/ODFW
Project Completion	10/1/2014	ODFW/UFA

**Affected Species:** Chinook Salmon

***Project Permits***

This project has no permits.

***Project Monitoring***

This project has no monitoring.

***Project Maintenance***

Organization	Address	Activity	Frequency
UFA and ODFW	740 Lawson Rd Myrtle Creek, OR 97457	Routine	as needed

**Project Match Funding**

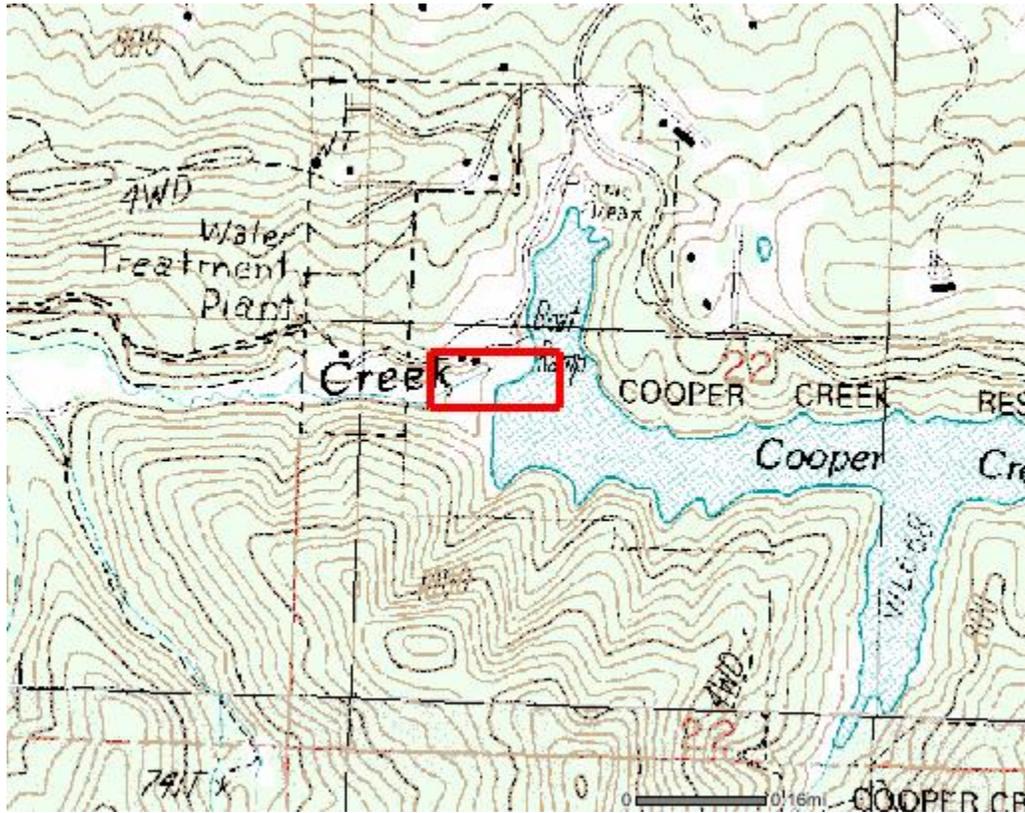
Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$23,733.00	\$0.00	\$0.00		\$23,733.00	No	No	
Volunteer Donated Time	\$0.00	\$16,381.44	\$0.00	Volunteer hours contributed solely to the upgrades to this site.	\$16,381.44	Yes	No	
ODFW Staff Time/Oversight	\$0.00	\$1,760.00	\$0.00	Staff Time and Oversight of Project	\$1,760.00	Yes	No	
				Total Match Funding:	\$41,874.44			

## Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Clean and coat rearing tank with Devoe 233H NSF	Contracted Services	1	\$3,077.00	\$3,077.00	\$0.00	\$3,077.00
Electrical Hookups	Contracted Services	1	\$1,500.00	\$1,500.00	\$0.00	\$1,500.00
Leveling of new site	Contracted Services	1	\$4,900.00	\$4,900.00	\$0.00	\$4,900.00
ODFW Staff Time/Oversight	Personnel	80	\$22.00	\$0.00	\$1,760.00	\$1,760.00
Volunteer Time	Personnel	768	\$21.33	\$0.00	\$16,381.44	\$16,381.44
New chainlink fence w/ barb wire	Supplies/Materials /Services	1	\$2,697.00	\$2,697.00	\$0.00	\$2,697.00
New PVC Waterline	Supplies/Materials /Services	1	\$9,859.00	\$9,859.00	\$0.00	\$9,859.00
Piping, fittings, floats for new intake, etc.	Supplies/Materials /Services	1	\$1,700.00	\$1,700.00	\$0.00	\$1,700.00
					Total Budget:	\$41,874.44

## Project Map

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## Additional Files

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Click a link to view that particular file.

[501c3 letter](#)

[ODFW Engineering Work Order](#)

[ODFW Letter of Support](#)

[Signature page](#)



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

**WORK ORDER**

NEW CONSTRUCTION  
 IMPROVEMENT

REPAIR  
 OTHER:

NUMBER

**FACILITY:** Cooper Cr Rearing Facility Upgrades and Repair

**DESCRIPTION:**  
Upgrades to the Cooper Cr rearing site for fall chinook propagation. See grant for full descriptions and details and project.

<b>TENT. START DATE:</b> June 1, 2014	<b>TENT. COMPL. DATE:</b> Sep 30, 2014	<b>IN-WATER WORK?:</b> No
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COST CODE TITLE	GRANT COST	CENTER	PHASE		

<b>ORIGINATOR:</b> Greg Huchko	<b>REGION/SECTION:</b> SW Umpqua Fish	<b>ENGINEERING</b>	
<b>DATE:</b> 12/16/13	<b>DATE:</b> 12/16/13	<b>DATE:</b>	

**COMMENTS:**

**COMPLETION**



# Oregon

John Kitzhaber, Governor

**Department of Fish and Wildlife**  
Umpqua Watershed District Office  
4192 North Umpqua Highway  
Roseburg, OR 97470  
(541) 440-3353  
FAX (541) 673-0372

December 19, 2013

Oregon Department of Fish and Wildlife  
4034 Fairview Industrial Drive SE  
Salem, OR 97302

Re: Cooper Creek Rearing Facility Upgrades

To Whom It May Concern:

The Umpqua Fishermen's Association (UFA) along with the ODFW has determined that the rearing facility at Cooper Creek is in need of repairs and upgrades. This site is necessary for the continued success of this hatchery program, particularly now that the production levels of the program have increased. By upgrading this site we will also be able to rear fish in a much less crowded environment by spreading them out between two sites. This will greatly reduce the risk of overcrowding and increase our survival rates.

The UFA has worked closely with ODFW's STEP biologists to develop numerous, highly successful fisheries programs for over a decade and is happy to see this group continue to improve their facilities and programs.

ODFW will continue to be a partner in the efforts that are undertaken by the UFA and fully supports their organization in the pursuit of grants to fulfill this work.

Sincerely,

  
Greg Huchko  
STEP Biologist  
Oregon Department of Fish and Wildlife  
Umpqua Watershed District Office

Date: JUN 19 1986

Umpqua Fisherman's Association  
c/o Wayne Spicer  
P.O. Box 2083  
Roseburg, OR 97470

Employer Identification Number:  
93-0878110

Accounting Period Ending:  
December 31

Foundation Status Classification:  
509(a)(1) and 170(b)(1)(A)(vi)

Advance Ruling Period Ends:  
December 31, 1987

Person to Contact:  
EO Desk Officer

Contact Telephone Number:  
(206) 442-5106

Dear Applicant:

PERMIT # 164

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code.

Because you are a newly created organization, we are not now making a final determination of your foundation status under section 509(a) of the Code. However, we have determined that you can reasonably be expected to be a publicly supported organization described in section 509(a)(1) and 170(b)(1)(A)(vi)

Accordingly, you will be treated as a publicly supported organization, and not as a private foundation, during an advance ruling period. This advance ruling period begins on the date of your inception and ends on the date shown above.

Within 90 days after the end of your advance ruling period, you must submit to us information needed to determine whether you have met the requirements of the applicable support test during the advance ruling period. If you establish that you have been a publicly supported organization, you will be classified as a section 509(a)(1) or 509(a)(2) organization as long as you continue to meet the requirements of the applicable support test. If you do not meet the public support requirements during the advance ruling period, you will be classified as a private foundation for future periods. Also, if you are classified as a private foundation, you will be treated as a private foundation from the date of your inception for purposes of sections 507(d) and 4940.

Grantors and donors may rely on the determination that you are not a private foundation until 90 days after the end of your advance ruling period. If you submit the required information within the 90 days, grantors and donors may continue to rely on the advance determination until the Service makes a final determination of your foundation status. However, if notice that you will no longer be treated as a section 509(a)(1) organization is published in the Internal Revenue Bulletin, grantors and donors may not rely on this determination after the date of such publication. Also, a grantor or donor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act that resulted in your loss of section 509(a)(1) status, or acquired knowledge that the Internal Revenue Service had given notice that you would be removed from classification as a section 509(a)(1) organization.

(over)

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. Also, you should inform us of all changes in your name or address.

As of January 1, 1984, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of \$100 or more you pay to each of your employees during a calendar year. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, you are not automatically exempt from other Federal excise taxes. If you have any questions about excise, employment, or other Federal taxes, please let us know.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

You are required to file Form 990, Return of Organization Exempt from Income Tax, only if your gross receipts each year are normally more than \$25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. The law imposes a penalty of \$10 a day, up to a maximum of \$5,000, when a return is filed late, unless there is reasonable cause for the delay.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

\* Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,



Please see attachment.

DOCNO:03260:jc