



R & E Grant Application 13 Biennium

**Project #:
13-096**

Cedar Creek SAFE Upgrades

Project Information

R&E Project Request: \$100,000.00
Match Funding: \$1,022.00
Total Project: \$101,022.00
Start Date: 11/1/2014
End Date: 6/30/2015
Project Email: david.e.welch@state.or.us
Project Biennium: 13 Biennium
Organization: ODFW - Cedar Creek Hatchery

Applicant Information

Name: David Welch
Address: 575 N. North Bank Rd
 Otis, OR 97368
Telephone: 541-994-8606
Fax: 541-996-7796
Email: david.e.welch@state.or.us

Past Recommended or Completed Projects

Number	Name	Status
05-157	Salmon River Hatchery Improvements	Completed
05-162	Salmon River Hatchery Adult Trap Design	Completed
09-245	Salmon River Hatchery Restoration Bundle	Completed
11-121	Salmon River Weir Replacement Project	Completed
13-010	Salmon River Weir Replacement Project: Phase 2	Approved

Project Summary

This project is NOT part of ODFW's 25 Year Angling Plan.

Activity Type: Hatchery Maintenance - ODFW
Summary: Cedar Creek Hatchery has been tasked to increase fish production which includes rearing 500,000 Coho salmon from the eyed egg stage to fingerling then transferring them at approximately 30 fish/lb. to a hatchery on the lower Columbia River for the SAFE area fisheries and this pond may also be used for the implementation of the Coastal Multi-species plan since Cedar Creek Hatchery is tasked to rear more numbers and pounds of fish when fully implemented. To do this, the hatchery needs infrastructure upgrades and additions to achieve this goal. Since pumping water from Three Rivers is necessary, the hatchery will need a

back-up generator, building with the necessary components, incubators, and drum filter. This plan has been approved from district up through the headquarters personnel.

Objectives: The objective is to increase the hatchery production of Coho salmon to the lower Columbia River for the SAFE area fisheries. This is critical to achieve the goals the Governor of the State of Oregon has implemented so as to lessen the impacts on the listed up-river migrating salmonids and increase more opportunities for the commercial gill net fisheries off of the main stem of the lower Columbia River and the sport fisheries which includes the buoy 10.

Fishery Benefits: The benefit is to increase the hatchery production of Coho salmon for the commercial fishery so this fishery will move away from the main stem of the Columbia River and lessen the impacts to the listed fish migrating up the same river. Increasing the numbers of Coho salmon will have positive increased economic impacts to the local area community by providing more fish to catch and sell in the commercial markets.

Watershed Benefits: There would be little benefit to the Nestucca basin watershed however, in the future, the pumps could be utilized to add more attraction water to run through the collection pond which would increase the number of returning hatchery salmon and steelhead and remove them from the river. These improvements would make it possible to raise the Coho Salmon for the Columbia River commercial fleet and take some pressure off of the listed up-migrating salmon and steelhead which would benefit the Columbia River watershed.

Current Situation: The pond to raise these Coho salmon (ponds 13 & 14) is in place but there is not sufficient water from the current gravity flow system (Cedar Creek) to supply this extra production during the summer months. therefore, pumps will have to be utilized to bring the necessary water to pond 13 for this purpose. A back-up generator along with a building and controls will be needed to insure water delivery continues during interruption of commercial power outages.

Alternatives: Cedar Creek Hatchery is using all of the gravity fed water that is available for it's current fish production. To increase production of Coho for the SAFE area fisheries, infrastructure upgrades will be needed. The hatchery will need to pump water from Three Rivers to accomplish this goal. Currently, there is a pond to raise these fish in and with some of the items listed previously and other needs, this goal is obtainable.

Designer: ODFW Engineers will determine and design the site plan for all the necessary generation and electrical components to run pump water to ponds 13 & 14.

Methods: The generator and building will be designed specifically to run the pumps in case of power outages.

Inspector: ODFW engineers, Tillamook County, ODFW staff.

Funding Elements: The R & E funds will be used to purchase all the items along with funding the

contractors, permits, and inspectors.

Staff included F & W Manager 1. Write grant, help design project, purchasing, constructing.

Partners: No

Existing Plan: No

Affected Contacted: No

Affected Supportive: No

Affected Comments: This is the first step in getting this project off the ground.

Project Schedule/Participants/Funding

Activity	Date	Participants
Produce blueprint of generator building, generator, and electrical components to operate generator	12/1/2014	ODFW Engineering
Obtain necessary permits with approval to start project.	2/1/2015	Tillamook county
Put out to bid to have building constructed along with generator installed and electrical components	2/15/2015	Contractors
Put out to bid to purchase the generator and fuel tank.	2/15/2015	contractors

Affected Species: Coho Salmon

Project Permits

Name	Issued By	Secured?	Date Secured	Date Expected
Building permit	Tillamook County	No	1/1/0001	12/1/2014

Project Monitoring

Organization	Address	Activity	Frequency
Oregon Dept. of fish and Wildlife	4034 Fairview Industrial Drive SE Salem, OR 97302	Make sure construction adheres to design parameters	All phases of the construction of generator building.

Project Maintenance

Organization	Address	Activity	Frequency
Cedar Creek Hatchery	33465 Hwy.22 Hebo, OR 97122	General maintenance	daily, weekly, monthly as required.

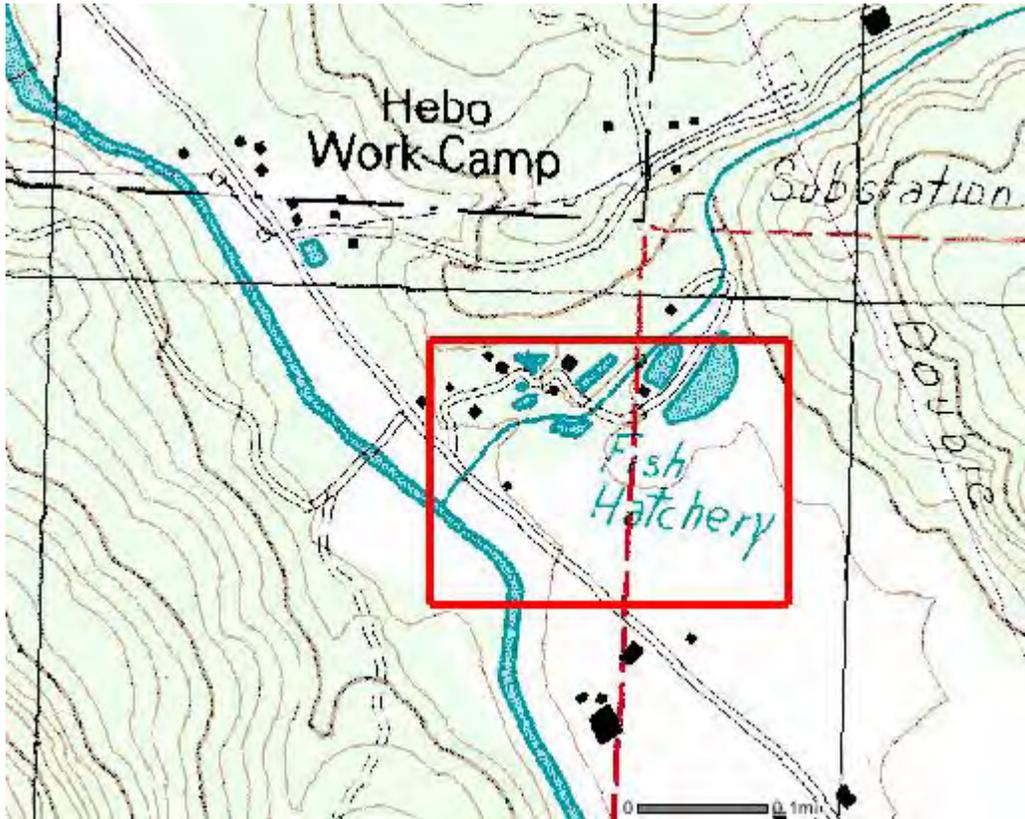
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$100,000.00	\$0.00	\$0.00		\$100,000.00	No	No	
Hatchery Administration	\$0.00	\$0.00	\$1,022.00	Administrative cost	\$1,022.00	Yes	No	
				Total Match Funding:	\$101,022.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Engineering and Construction Inspection	Administration	1	\$7,500.00	\$7,500.00	\$0.00	\$7,500.00
Hatchery Administration	Administration	40	\$25.55	\$0.00	\$1,022.00	\$1,022.00
Permits	Administration	1	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00
Earthwork	Contracted Services	1	\$20,000.00	\$20,000.00	\$0.00	\$20,000.00
Electrical	Contracted Services	1	\$17,500.00	\$17,500.00	\$0.00	\$17,500.00
Generator and Fuel Tank	Equipment	1	\$50,000.00	\$50,000.00	\$0.00	\$50,000.00
					Total Budget:	\$101,022.00

Project Map



Additional Files

Click a link to view that particular file.

[engineering request](#)

[signature form](#)



OREGON DEPARTMENT OF FISH & WILDLIFE
Fish Division, Engineering

WORK ORDER

NEW CONSTRUCTION
 IMPROVEMENT

REPAIR
 OTHER:

NUMBER

FACILITY: Cedar Creek Fish Hatchery
DESCRIPTION: Need to survey and construct a building to house a back-up generator for one 100 HP pump and a 75HP pump and possibly two 100 3 phase 480 volt pumps in the future. This is new construction which includes county permits, earthwork, electrical piping, building with concrete floor, necessary electrical components, a diesel or propane generator, electrical components to pumps, and necessary cooling/heating to insure building does not deteriorate due to the coastal weather/climate.

TENT. START DATE: 12/1/2015		TENT. COMPL. DATE: 6/30/2015		IN-WATER WORK?: NO	
COST CODE TITLE	GRANT	COST CENTER	PHASE		

ORIGINATOR David Welch DATE: 7/11/2015	REGION/SECTION Manuel A Farías DATE:		ENGINEERING DATE:
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COMMENTS: This construction is part of a couple of R & E Grant packages. This is the first of two packages. This is necessary if the hatchery is to raise an additional 500,000 Coho for the SAFE area fisheries on the Lower Columbia River.

COMPLETION

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: Cedar Creek SAFE Upgrades

Applicant Name: David Welch Title: F & W Manager 1

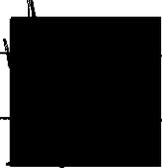
Applicant Signature:  Date: July 11, 2014

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: Manny Farinas Title: Hatchery Coordinator

Manager Signature:  Date: July 14, 2014