



R & E Grant Application 13 Biennium

Project #:
13-106

Sandy Fish Hatchery Predation Netting

Project Information

R&E Project Request: \$69,871.20
Match Funding: \$16,648.00
Total Project: \$86,519.20
Start Date: 3/15/2015
End Date: 6/15/2015
Project Email: Jennifer.A.Krajcik@state.or.us
Project Biennium: 13 Biennium
Organization: ODFW - Sandy River Hatchery

Applicant Information

Name: Jennifer Krajcik
Address: 39800 SE Fish Hatchery Road
Sandy, OR 97055
Telephone: 503-668-7186
Fax: 503-668-4572
Email: Jennifer.A.Krajcik@state.or.us

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Project Summary

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

Activity Type: Propagation - ODFW
Summary: Sandy Fish Hatchery is currently operating without any effective predation netting or deterrent. As the sole hatchery on the Sandy River, a reliable way to ensure the survival of the fish raised is vital to supporting both recreational and commercial fisheries. Many fishermen visit the site, and visible stewardship of their resources by protecting the fish would be beneficial to their perception of the hatchery.
Objectives: A workable, reliable, and effective method of protecting Sandy Hatchery fish from blue herons, merganser ducks, and kingfishers.
Fishery Benefits: Sandy Fish Hatchery releases 160,000 winter Steelhead, 75,000 summer Steelhead, 200,000 Coho Salmon, and 132,000 spring Chinook Salmon into the Sandy River Basin each year. In addition to these, 200,000 Coho Salmon are

raised for the Select Area Fishery Enhancement Project. These fish make up the only winter and summer Steelhead sport fishery in the Sandy River, support recreational spring Chinook fishing on the Columbia River main stem and the Sandy River, and provide Coho for both sport and commercial fishing opportunities. These releases result in high numbers of returning adults, which are used for stream enrichment throughout the Sandy River Watershed, donated to the Oregon Food Bank, Sandy Community Action Center, Estacada Food Bank, Oregon Wildlife Heritage Foundation, and local churches. Ensuring that the fish raised at the hatchery are not harassed by birds will allow for full releases each spring, and will save taxpayer money by not feeding fish that are not released.

- Watershed Benefits:** Full releases from Sandy Fish Hatchery will allow continued enhancement to the Sandy River Watershed through stream enrichment of adult returns. This increases public goodwill towards the hatchery, and the visual of the hatchery actively fighting bird loss will increase the public perception of the hatchery's commitment to the fishery.
- Current Situation:** Sandy Fish Hatchery currently has no method of protecting juvenile fish throughout the year. Each winter and spring the blue herons and merganser ducks flock to the hatchery, and eat unknown numbers of fish. Up to 16 blue herons have been seen on the ponds at one time, and several mergansers are regular visitors. Throughout the year, resident kingfisher and blue herons regularly are seen on the ponds. Loud noises are not an effective technique. In the spring, the smolts are particularly vulnerable, as osprey and eagles are present. The fry have to contend with American Dippers during the spring as well. A grant for bird netting has been denied in the past due to safety concerns because safety rail was not included.
- Alternatives:** None
- Designer:** Dave Van Amburgh-Hatchery Technician
Jennifer Krajcik-Hatchery Technician
- Methods:** The purchase of the materials will follow all Oregon State procurement guidelines. Sandy Hatchery staff will build and maintain the predation netting system. If necessary, the project can be completed in two halves, although that is not ideal.
- Inspector:** Dan Straw-Hatchery Complex Manager
- Funding Elements:** These funds will be used to purchase the materials listed in the budget section.
- Partners:** No
- Existing Plan:** No
- Affected Contacted:** No
- Affected Supportive:** No

Affected Comments: This is an ODFW project on ODFW property, so no individuals will be adversely impacted by the projects.

Project Schedule/Participants/Funding

Activity	Date	Participants
Purchase materials for framework	3/16/2015	Sandy Fish Hatchery
Order safety rail	3/16/2015	Safety Rail Provider
Build framework	3/23/2015	Sandy Fish Hatchery
Begin installing framework and safety rail	4/1/2015	Sandy Fish Hatchery
Purchase netting	4/13/2015	Sandy Fish Hatchery
Finish installing framework and nets, and submit completion report	6/30/2015	Sandy Fish Hatchery

Affected Species: Chinook Salmon
Coho Salmon
Steelhead

Project Permits

This project has no permits.

Project Monitoring

Organization	Address	Activity	Frequency
Sandy Fish Hatchery	39800 SE Fish Hatchery Road Sandy, OR 97055	Check for trapped birds	Daily

Project Maintenance

Organization	Address	Activity	Frequency
Sandy Fish Hatchery	39800 SE Fish Hatchery Road Sandy, OR 97055	Routine Maintenance, winterizing	As needed, or yearly

Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$69,871.20	\$0.00	\$0.00	Materials	\$69,871.20	No	No	
Sandy Fish Hatchery	\$0.00	\$16,648.00	\$0.00	Labor	\$16,648.00	Yes	No	
				Total Match Funding:	\$86,519.20			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Tools	Equipment	1	\$450.00	\$450.00	\$0.00	\$450.00
Labor (4 Tech. 200 hr each)	Personnel	800	\$20.81	\$0.00	\$16,648.00	\$16,648.00
Framework	Supplies/Materials /Services	20	\$1,260.43	\$25,208.60	\$0.00	\$25,208.60
Nets	Supplies/Materials /Services	20	\$529.63	\$10,592.60	\$0.00	\$10,592.60
Safety Rail	Supplies/Materials /Services	1	\$33,620.00	\$33,620.00	\$0.00	\$33,620.00
					Total Budget:	\$86,519.20

Project Map



Additional Files

Click a link to view that particular file.

[Kingfisher](#)

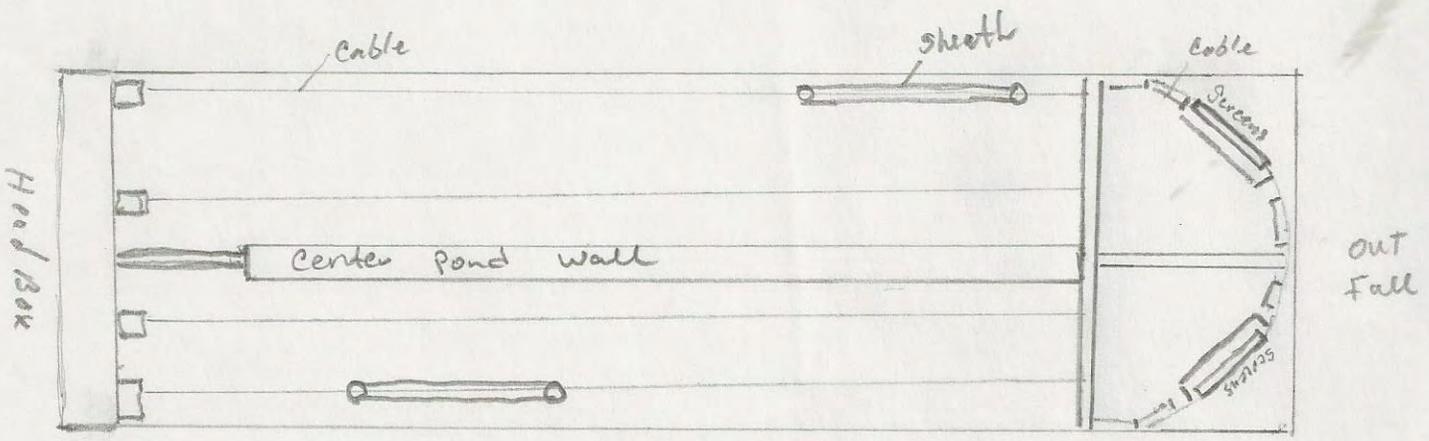
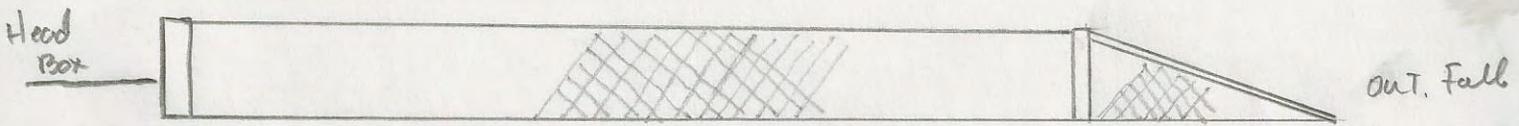
[Mergansers](#)

[Plans](#)

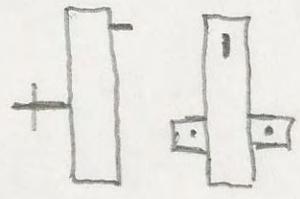
[Ponds](#)

[Signature Page](#)

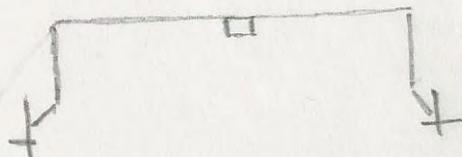
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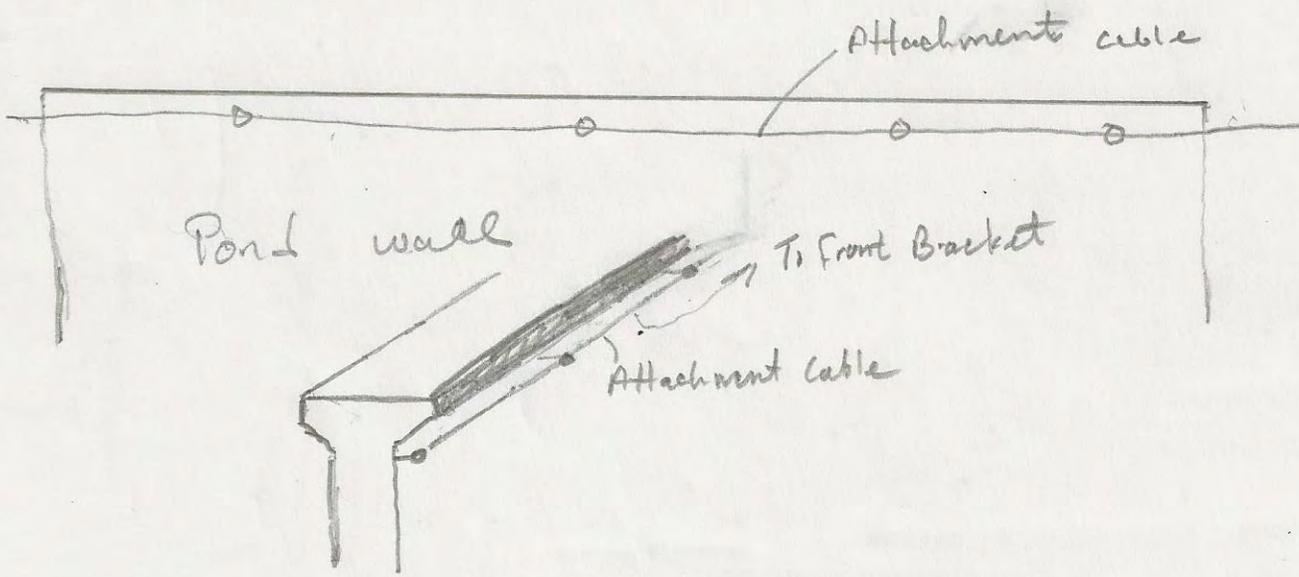
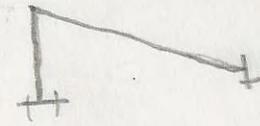
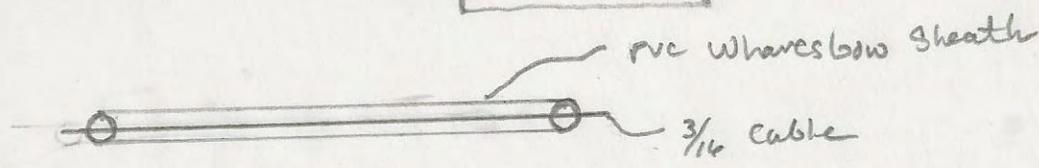
Head end Brackets



OUT Fall Bracket



Screen Brackets





11/15/2014 08:53



11/15/2014 12:55



03/10/2013 09:05



18

17

03/09/2013 10:25



17

11/15/2014 11:30

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: Sandy Fish Hatchery Predator Netting

Applicant Name: Tim Foull Title: R&W Supervisor

Applicant Signature:  Date: 11/5/14

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: Mawel Farinies Title: Hatchery Coordinator

Manager Signature:  Date: 11/4/14