



R & E Grant Application 11-13 Biennium

Project #:
11-116

Big Creek Hatchery Maintenance Bundle

Project Information

R&E Project Request: \$26,300.00
Match Funding: \$6,699.44
Total Project: \$32,999.44
Start Date: 9/10/2012
End Date: 6/30/2013
Project Email: chris.lauman@state.or.us
Project Biennium: 11-13 Biennium
Organization: ODFW - Big Creek Hatchery

Applicant Information

Name: Chris Lauman
Address: 92892 Ritter Rd
Astoria, OR 97103
Telephone: 971-673-6053
Fax: 503-458-6529
Email: chris.lauman@odfw.oregon.gov

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Project Summary

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

Activity Type: Hatchery Maintenance - ODFW
Summary: Replace electric bird fence on battery 1 (11 raceways). Replace inflow spouts on 30 raceways. Replace Big Creek valve on battery 1.
Objectives: To lower bird predation on battery 1, have usable inflow spouts on the raceways, and replace an aged and leaking valve on battery 1.
Fishery Benefits: Big Creek Hatchery produces 6.4 million Fall Chinook, and 1.4 million Coho that contribute to NE Pacific and Columbia River Basin commercial and sport fisheries. Big Creek Hatchery also produces 143,000 Winter Steelhead for freshwater harvest in Big Creek, Gnat Creek, and the Klaskanine River. These maintenance projects would help the hatchery better achieve these goals.

Watershed Benefits:

Current Situation: The current bird wire and pvc on battery 1 has dilapidated to the point of not being effective. The pond spouts are rusted and some of them have broken. A pry bar and hammer are needed to use many of them. The Big Creek valve on battery 1 is leaking and it takes two people or a pry bar to operate it.

Alternatives: None

Designer: We will use existing designs for the bird fencing and pond spouts.

Methods: The hatchery crew will remove existing bird wire, pond spouts, and valve. The hatchery crew will install the new items.

Inspector: Rob Dietrichs, Chris Lauman

Funding Elements: R&E funds will be used for the purchase of bird fencing materials, new pond spouts, and a new valve.

Partners: No

Existing Plan: No

Affected Contacted: No

Affected Supportive: No

Affected Comments: N/A

Project Schedule/Participants/Funding

Activity	Date	Participants
Purchase supplies for bird fencing.	9/10/2012	Hatchery
Start installing new bird fencing.	9/17/2012	Hatchery crew
Purchase valve for battery 1	9/17/2012	Hatchery
Install new valve	5/1/2013	Hatchery crew
Place bid for pond spouts on ORPIN.	9/10/2012	Hatchery
Order pond spouts from winning bidder.	9/24/2012	Hatchery
Start installing new pond spouts.	10/24/2012	Hatchery crew

Affected Species:

Chinook Salmon
 Chum Salmon
 Coho Salmon
 Steelhead

Project Permits

This project has no permits.

Project Monitoring

Organization	Address	Activity	Frequency
ODFW-Big Creek Hatchery	92892 Ritter Rd Astoria, OR 97103	Project monitoring	Continually

Project Maintenance

Organization	Address	Activity	Frequency
ODFW-Big Creek Hatchery	92892 Ritter Rd Astoria, OR 97103	maintenance	as needed

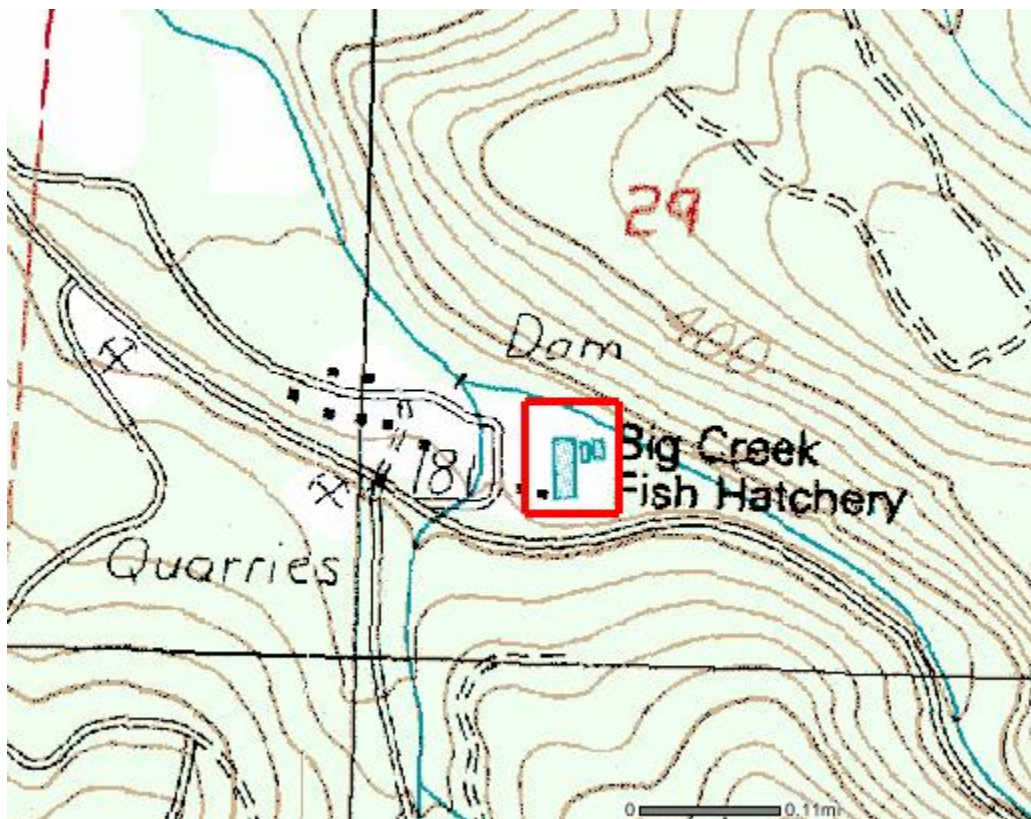
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$26,300.00	\$0.00	\$2,600.00		\$28,900.00	No	No	
ODFW	\$0.00	\$4,099.44	\$0.00		\$4,099.44	Yes	No	
				Total Match Funding:	\$32,999.44			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Staff time	Personnel	228	\$17.98	\$0.00	\$4,099.44	\$4,099.44
Bird fencing/supplies	Supplies/Materials /Services	1	\$3,500.00	\$3,500.00	\$0.00	\$3,500.00
New pond spouts & supplies	Supplies/Materials /Services	51	\$400.00	\$20,400.00	\$0.00	\$20,400.00
New valve & supplies	Supplies/Materials /Services	1	\$5,000.00	\$2,400.00	\$2,600.00	\$5,000.00
					Total Budget:	\$32,999.44

Project Map



Additional Files

Click a link to view that particular file.

[New bird fencing](#)

[New pond spout](#)

[New valve](#)

[Old bird fencing](#)

[Old pond spout](#)

[Old valve](#)

[Signature Authorization](#)