



# R & E Grant Application

Project #:

## *Nehalem Hatchery Incubators*

### ***Project Information***

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**Requested Cycle:** 17-6  
**R&E Project Request:** \$15,000  
**Other Funding:** \$8,220  
**Total Project:** \$23,220  
**Spending Start Date:** 6/1/2017  
**Spending End Date:** 6/30/2017  
**Project Start Date:** 6/1/2017  
**Project End Date:** 7/31/2017  
**Organization:** ODFW - North Nehalem River Hatchery

### ***Applicant Information***

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**Name:** Brian Johnson  
**Email:** brian.s.johnson@state.or.us

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

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This applicant has no previous projects that match criteria.

### ***Authorized Agent***

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**Name:** Brian Johnson  
**Email:** brian.s.johnson@state.or.us

## **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.*

36751 Fish Hatchery Ln  
Nehalem OR 97131

*Directions to the site from the nearest highway junction.*

Milepost 8 on Highway 53

*Following project completion, public anglers will be allowed the following level of access to the project site:*

Full 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.*

The property is owned by the Oregon Department of Fish and Wildlife. We allow access to the river for fishing on the entire property. There is also a disabled angler platform and a boat ramp that allows boating access to the river.

*Dominant Land Use Type:*

Forest

### **Project Location**

*General Project Location.*

**County:** CLATSOP  
**ODFW Dist:** North Coast  
**Sub-basin:** 17100202

*Specific Project Location.*

Latitude	Longitude
45.81234	-123.77538

## **Project Summary**

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### **Project Summary**

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

This proposal is to fund the purchase of new incubators for the Nehalem Fish Hatchery. The current incubators have been used since the opening of the facility in 1966 and are in need of replacement.

### **Overall Project Goals**

*Describe the primary goals or outcomes of the entire project, including elements not requesting funding from R&E.*

Provide a high quality incubation environment for Coho, Rainbow Trout, and Winter Steelhead

that are spawned and raised at the facility.

Reduce fry loss during incubation.

Primary objectives of R&E funding

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

Increased egg and fry survival by replacing the worn incubation stacks currently used.

Current Situation/Justification

*Please describe the current situation and explain why this funding is needed.*

Currently the incubators the facility uses are in a state of disrepair. Many hours are spent every year patching and maintaining as best we can to ensure program success and not allow fry to escape. The current incubators have been in use for 50 years and have become a liability that could pose risks to production goals of the facility.

Recreation and Commercial Benefit

*This project will provide benefits to:*

Recreational fisheries

Commercial fisheries

*Explain how this project will contribute to current (and/or potential) fishing opportunities, access, or fisheries management.*

This project will allow Nehalem Fish hatchery to continue to produce fish for both recreational and commercial fisherman. The Coho raised at the facility contribute to both commercial and recreational ocean harvest. They also provide a popular recreational bay and river fishery as they move upstream. The Rainbow Trout are used to stock all the lakes in the North Coast region allowing anglers to participate in put and take fishing opportunities throughout the region. The Winter Steelhead raised at the facility provide a popular fishery within fairly easy driving distance of the Portland Metro area. Many anglers utilize the river for this popular fishery. There is also a disabled only access area right below our fish trap that is very popular among anglers throughout the state.

*Percent benefit split between Commercial and Recreational anglers:*

10 % Commercial

90 % Recreational

*Please explain, or justify, how the percentage split was determined:*

This split is just a estimate based on observations by me as a employee and fisherman who participates in the fisheries provided by the facility.

*This project has been identified as an ODFW priority for:*

Not identified

*Does this project directly support implementation of the ODFW Strategic Plan and/or current Fish Division priorities?*

*Please briefly explain when this was identified as a priority and what process or workgroup was used to identified this as an ODFW priority.*

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

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

No

*This project is intended to benefit the following species:*

Coho Salmon  
Winter Steelhead  
Rainbow Trout

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

Hatcheries/Propagation/Liberation

**Hatcheries/Propagation/Liberation**

*Hatchery Name:*

Nehalem Fish Hatchery

*This is a:*

State hatchery

*As a result of this request hatchery production will:*

Maintain

*This project will:*

Address a need identified on the ODFW Hatchery Maintenance Priority list  
Reduce the impacts of hatchery operations (i.e. reduce disease, stray rates or interbreeding)  
Restore, rehabilitate, modify, or replace existing production/acclimation facilities  
Improve staff efficiency of hatchery operations  
Improve effectiveness of hatchery operations (i.e. improve survival or return to angler)

*Fish produced at this facility are for:*

Sport harvest  
Commercial harvest

**Project Description**

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**Schedule**

Activity	Date	RE Funding
Work will be done by the hatchery crew as soon as funding becomes available and new incubators arrive.	Estimate Summer 2017	Yes

**Permits**

Permit	Secured?	Date Expected
No Permits required	No	

**Project Design and Description**

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

New incubators should fit with all existing plumbing and space left by the old ones. When new equipment arrives the crew will tear down the current incubators and install the new ones.

**Engineering**

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

No

**Project Management and Maintenance**

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

fishery?

Current equipment has lasted 50 years. A similar life expectancy should be expected for new incubators.

*Who is responsible for long term management, maintenance, and oversight of the project beyond what is funded by R&E.*

Long term maintenance and repair will be conducted by the hatchery crew. Annual cleaning and repairs will be done in advance of the following years spawning so the incubators will be ready to receive the fertilized eggs.

*Will the project require ongoing maintenance?*

Yes

Just general maintenance to keep the incubators in good shape.

*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

*Has this proposal, or similar proposal for this project location, previously been denied by OWEB or other funding source?*

[{"source":"North Coast Salmon Steelhead Restoration Fund","type":"Cash","secured":"Secured","dollarValue":5000,"comments":""}]

Other Funding Source	Type	Secured	Dollar Value	Comments
North Coast Salmon Steelhead Restoration Fund	Cash	Secured	5000	
		Total	5000	

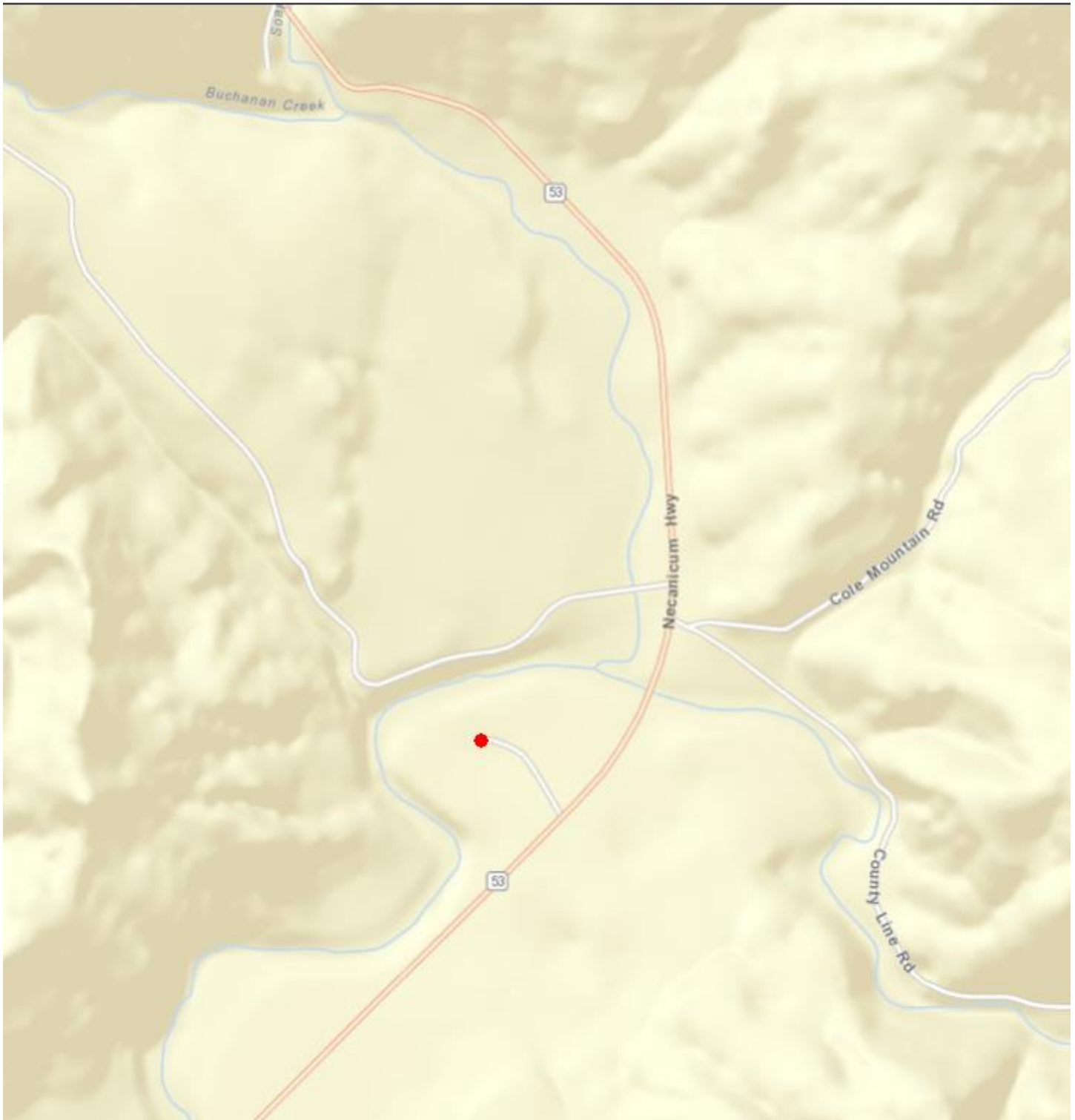
## Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
PROJECT MANAGEMENT						
			0	0	0	0
		SUBTOTAL	0	0	0	0
IN-HOUSE PERSONNEL						
Hatchery Crew	160	17.00	2720	0	0	2720
		SUBTOTAL	2720	0	0	2720
CONTRACTED SERVICES						
			0	0	0	0
		SUBTOTAL	0	0	0	0
TRAVEL						
			0	0	0	0
		SUBTOTAL	0	0	0	0
SUPPLIES/MATERIALS						
Nehalem Hatchery	0	0.00	500	0	0	500
		SUBTOTAL	500	0	0	500
EDUCATION/OUTREACH						
			0	0	0	0
		SUBTOTAL	0	0	0	0
EQUIPMENT						
Marisource incubators	0	0.00	0	5000	15000	20000
		SUBTOTAL	0	5000	15000	20000
FISCAL ADMINISTRATION						
			0	0	0	0
		SUBTOTAL	0	0	0	0
		BUDGET TOTAL	3220	5000	15000	23220



## Project Map

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## ***Additional Files***

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Budget Information

Maps

[Project Map](#)

*Map image of project location*

Photos

[Photos](#)

[Photos](#)

Design Information

Management Plans and Supporting Documents

[Impact Statement](#)

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

[Signature page](#)

## ***Completion Report***

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A completion report has not been submitted for this project.