



# R & E Grant Application 13 Biennium

Project #:  
13-108

## *Rhoades Pond Clipping Facilities Improvements*

### ***Project Information***

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**R&E Project Request:** \$4,550.00  
**Match Funding:** \$1,452.48  
**Total Project:** \$6,002.48  
**Start Date:** 5/1/2015  
**End Date:** 6/30/2015  
**Project Email:** ron.f.rehn@state.or.us  
**Project Biennium:** 13 Biennium  
**Organization:** Nestucca Anglers (Tax ID #: 31817)

### ***Fiscal Officer***

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**Name:** Dave Morrison  
**Address:** 19150 Blanchard Rd  
Colverdale, OR 97112  
**Telephone:** 503-398-5996  
**Email:** 14elmo50@gmail.com

### ***Technical Contact***

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**Name:** Ron Rehn  
**Address:** 4907 East Third Street  
Tillamook, OR 97141  
**Telephone:** 503-842-2741 x244  
**Fax:** 503-842-8385  
**Email:** ron.f.rehn@state.or.us

### ***Applicant Information***

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**Name:** David Morrison  
**Address:** 19150 Blanchard Rd  
Cloverdale, OR 97112  
**Telephone:** 503-398-5996  
**Email:** elmo@oregoncoast.com

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

Number	Name	Status
05-124	Rhoades Pond Dip Nets	Completed

### ***Project Summary***

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**Activity Type:** Propagation - STEP

**Summary:** On a continuing restoration project to the Rhoades Pond rearing facility the Nestucca Anglers with the help of the R&E Program, STAC and other several partners have replaced the intake and outfall, relined the pond with concrete, and installed a new electric fence. In addition, bird netting was installed over the entire pond, a new cover for fin clipping constructed, and remote dialing alarm system installed. These improvements have made an immediate impact by improving the quality of fish by addressing structural and predation issues. In 2014 the Nestucca Anglers had their best production year yet releasing over 100,000 smolts for the Nestucca system. The most recent project was the construction of the new clipping cover. Though this has greatly improved clipping operations at Rhoades Pond there still some issues that need to be addressed. This project is requesting funds to install lighting, a new trough, and construct new clipping tables in the new clipping structure. Every year in June the Nestucca Anglers host an annual "Fin Clipping Party" where over 200 volunteers from around the state come to Rhoades Pond to clip the adipose fin on approximately 100,000 fingerlings to identify them

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

as hatchery stock. Last year 215 volunteers donated 740 volunteer hours totaling \$15,806 to complete marking. With the new cover improved lighting is needed. In addition, the current trough is in need of replacement, and re-constructed to meet slope requirements. And last, is to construct new clipping tables. The current system of plywood and sawhorses is pretty worn out.

**Objectives:**

Project objectives are to make upgrades to the Rhoades Pond rearing facilities by:

- Install 8-4' sealed fluorescent light fixtures in the clipping structure
- Install new clipping trough
- Construct new tables for clipping area

**Fishery Benefits:** The Nestucca Anglers have been rearing fish at the Rhoades Pond STEP facility since 1999. Since that time they have produced and released 1,241,402 fall chinook smolts into the Nestucca basin. ODFW data shows a contribution rate of approximately 20-25% into the creel. Approximately 100,000 fingerlings are marked annually at Rhoades Pond to identify them as hatchery stock. The fall Chinook released through this program are 100% marked with an adipose fin clip which would allow for additional harvest opportunity should restricting the harvest of wild fall Chinook be necessary (as has happened in some years due to poor forecasted returns). Since these fish contribute to a sport and commercial fishery from OR-AK this process plays an important role in monitoring of both the fishery and population management. Implementation of this project would result in improved mark quality and decreased mortality during marking.

**Watershed Benefits:** Marking of these fish benefits the monitoring capabilities for programs such as the ODFW Coastal Chinook Research and Monitoring Program which assess annual escapement and stock performance of chinook.

**Current Situation:** The construction of the new cover has created an unforeseen lighting issue which makes seeing the adipose fin on these small fish difficult. Marking occurs when the fish are quite small and delicate, and it is easy to injure fish during this process. Good lighting is essential for making a quality mark without injury. The current trough which is used to route fish from the marking table to the pond is in poor shape and needs to be re-engineered to improve slope and storage needs. And as stated in the Project Summary the current plywood and sawhorses is worn out and needs to be replaced.

**Alternatives:**

- 1) There is no alternative for the lighting issue. Due to the nature of the activity of fin clipping good lighting is a necessity.
- 2) The current trough and table system used for marking needs replacement, and it will have to be done soon. In addition, replacing and re-designing the trough will improve the marking process
- 3) Do nothing. Failure to address these issues would result in reduced mark quality, increased mortality. Also, should the trough or table system fail during use fish loss and personal injury could result.

**Designer:** The lights will be installed by Hood to Coast Electric out of Lafayette, OR. Bid includes permits and will be secured by contractor (attached). The trough and tables will be put together and installed by Nestucca Anglers volunteers.

**Methods:** Methods and Procedures this project are as followed:

1. Install lights (May 2015)
2. Install new trough (May 2015)
3. Construct new table system (May 2015)
4. Submit R&E Grant Completion Report (June, 2015)

Referenced include:

- Dave Morrison (Nestucca Anglers) 503 398-5996
- Ron Rehn (North Coast STEP Biologist) 503 842-2741

**Inspector:** ODFW staff

**Funding Elements:** R&E funds to be used for payment of electrical contractor and materials.

Partners: No  
 Existing Plan: No  
 Affected Contacted: Yes  
 Affected Supportive: Yes

**Project Schedule/Participants/Funding**

Activity	Date	Participants
Install lights	5/30/2015	Hood to Coast Electric
Construct new tables and install trough	5/30/2015	Nestucca Anglers
Submit Completion report	6/30/2015	STEP Biologist

**Affected Species:** Chinook Salmon

**Project Permits**

Name	Issued By	Secured?	Date Secured	Date Expected
Electrical	Tillamook County	No	1/1/0001	4/1/2015

**Project Monitoring**

Organization	Address	Activity	Frequency
ODFW	4907 Thrid St Tillamook, OR 97141	Facility Inspection	Quarterly

**Project Maintenance**

Organization	Address	Activity	Frequency
Nestucca Anglers	19150 Blanchard Rd Colverdale, OR 97112	Maintenance & Repair	As Needed

**Project Match Funding**

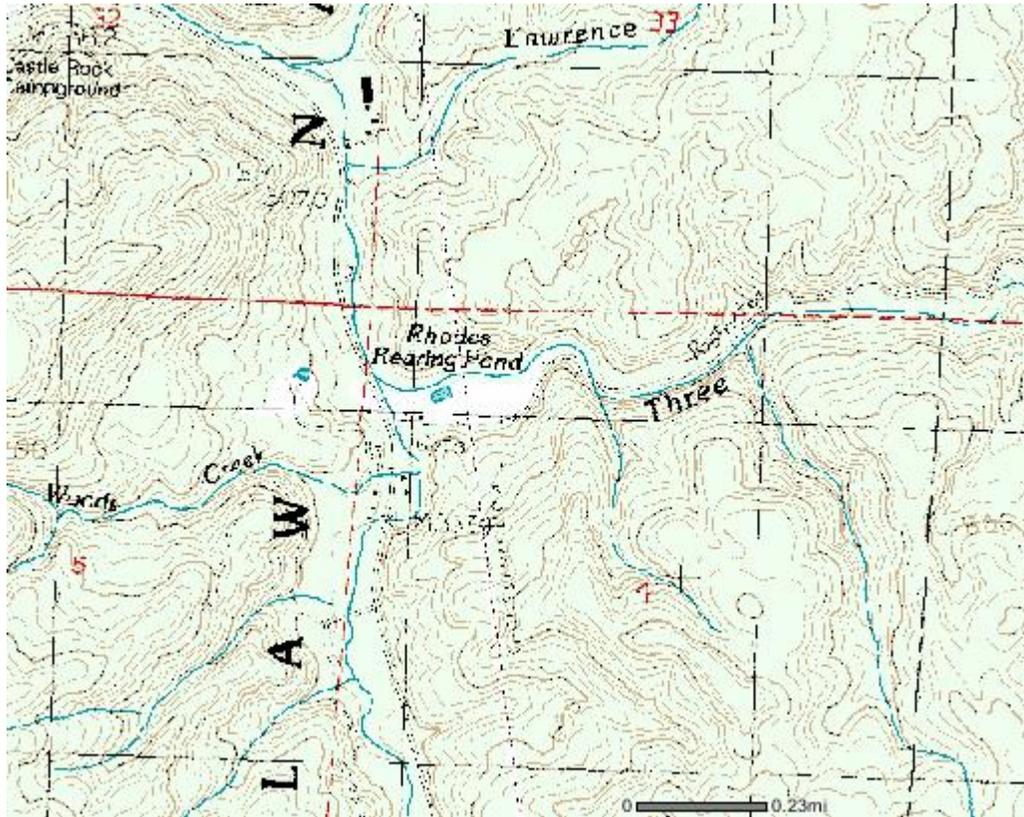
Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$4,550.00	\$1,452.48	\$0.00		\$6,002.48	No	No	
				Total Match Funding:	\$6,002.48			

**Project Budget**

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Installation of Fluorescent lights	Contracted Services	1	\$2,300.00	\$2,300.00	\$0.00	\$2,300.00
Table & Trough construction labor	Personnel	60	\$21.36	\$0.00	\$1,281.60	\$1,281.60
Trenching labor	Personnel	8	\$21.36	\$0.00	\$170.88	\$170.88
100'x6" aluminum trough	Supplies/Materials /Services	1	\$350.00	\$350.00	\$0.00	\$350.00
Hardware	Supplies/Materials /Services	1	\$600.00	\$600.00	\$0.00	\$600.00
Lumber Package	Supplies/Materials /Services	1	\$1,300.00	\$1,300.00	\$0.00	\$1,300.00
					Total Budget:	\$6,002.48

## Project Map

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## Additional Files

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Click a link to view that particular file.

[Electrical Estimate](#)

[Rhoades Pd clipping cover](#)

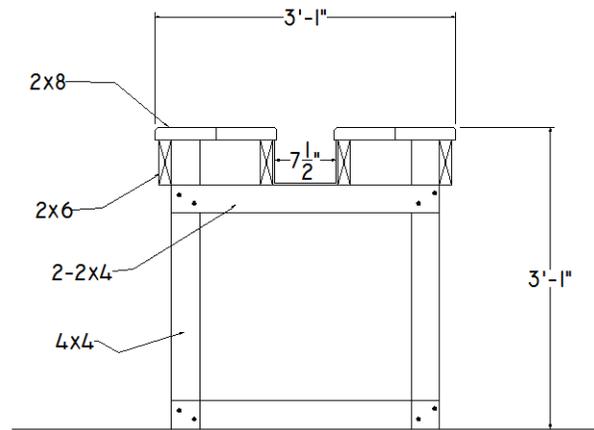
[Rhoades Pond Clipping Line Plans](#)

[Rhoades Pond Lights, Table & Trough Budget Detail](#)

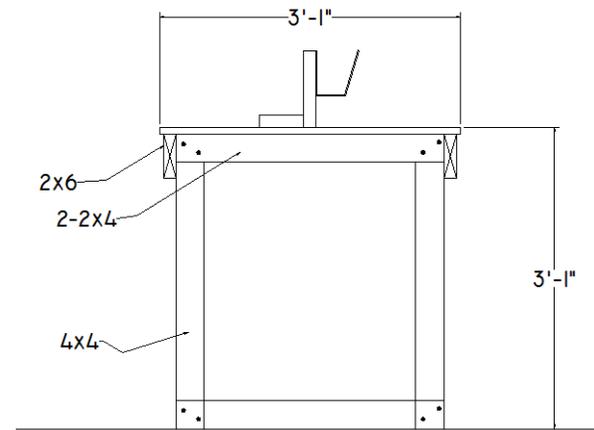
[Rhoades Pond Signature Page](#)



## Rhoades Pond Clipping Line Plans



CLIPPING LINE TROUGH #1



THE OTHER IDEA

The finished line will consist of 5- 3'X16' sections built as shown in Clipping Line Trough # 1 with a 100' continuous run gutter placed into the center.

## Rhoades Pond Clipping Facilities Improvements

### Clipping Lights, Table & Trough Project Budget Estimate

Item	Item Type	Units	Number	Unit Cost	Total
8-4' Sealed Fluorescent Fixtures installed by Hood to Coast Electric	Contracted Services	ea.	1	\$2,300.00	\$2,300.00
Trenching for electrical conduit	Labor	hr.	8	\$21.36	\$170.88
Lumber Package for clipping tables (detail below)	Materials	ea.	1	\$1,300.00	\$1,300.00
100'x6" aluminum trough	Materials	ea.	1	\$350.00	\$350.00
Tables/Trough construction & assembly	Labor	hr.	60	\$21.36	\$1,281.60
Hardware	Materials	mult.	1	\$600.00	\$600.00
* Prices reflected are average estimates and we request the option to apply any surplus against cost overruns on other items identified in this budget					
				<b>Total</b>	<b>\$6,002.48</b>

### Project Funding

Source	Cash	In-Kind	Total
R&E/ODFW	\$4,550.00		\$4,550.00
Nestucca Anglers		\$1,452.48	\$1,452.48
<b>Total</b>	<b>\$4,550.00</b>	<b>\$1,452.48</b>	<b>\$6,002.48</b>

### Lumber Package Detail Cost Estimate

Item	Units	Number	Unit Cost	Total
4x4 RL DF STD&BTR GRN	LF	100	\$0.99	\$99.00
2X4 RL DF STD&BTR GRN	LF	200	\$0.35	\$70.00
2X6 RL DF #2&BRT GRN	LF	320	\$0.55	\$176.00
2X8 RL DF #2&BTR GRN	LF	320	\$0.79	\$252.80
2X6 RL DF #2&BTR GRN	LF	240	\$0.55	\$132.00
2X10 RL DF #2&BTR GRN	LF	80	\$1.09	\$87.20
3/4" 4X8 CDX FIR PT CCA XD KDA	EA	10	\$45.99	\$459.90
				<b>\$1,276.90</b>

# Proposal

Hood to Coast Electric  
PO Box 793  
Lafayette, OR 97127

(503) 835-7209      CCB 127291

PROPOSAL SUBMITTED TO: <i>Nestucca Anglers</i>	JOB NAME	JOB #
ADDRESS <i>Rhoades Pond</i>	JOB LOCATION <i>Rhoades Pond Fish Holding area Hebo</i>	
<i>Hebo, OR</i>	DATE <i>9-23-14</i>	DATE OF PLANS
PHONE #	FAX #	ARCHITECT

We hereby submit specifications and estimates for: *Adding 8 - 4' Sealed Lensed Fluorescent Fixtures under canopy by fish pond at Rhoades pond. All work per NEC code with permit included and Fixtures Included.*

*Trenching done by others:  
Trench to be 20" deep.*

We propose hereby to furnish material and labor - complete in accordance with the above specifications for the sum of:

\$ *2,245<sup>00</sup>* Dollars

with payments to be made as follows: *AFTER JOB is Finished*

Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control.

Respectfully submitted



*Hood to Coast Electric*

Note - this proposal may be withdrawn by us if not accepted within \_\_\_\_\_ days.

## Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Signature \_\_\_\_\_

Date of Acceptance \_\_\_\_\_

Signature \_\_\_\_\_

## Signature Authorization Page

I hereby make an application for financial assistance under the terms and conditions of the R&E Program as described in my project application.

I understand that if my project is approved for funding, the following will apply:

- All project sponsors must sign a grant agreement containing the terms and conditions on which funding will be released.
- Project expenses which occur before the grant agreement is signed or after the expiration date will not be paid by the R&E Program.
- Copies of all necessary permits must be submitted to the R&E Program.
- Project sponsors must certify compliance with local, state, and federal regulations and laws.
- Landowner, monitoring and maintenance agreements must be submitted to the R&E Program.
- Regular progress reports may be required, and at the end of each project a Completion Report must be submitted.
- Educational products resulting from projects are public domain.
- All information submitted to either party under this application is subject to the federal Freedom of Information Act.

Project Title: Rhoades Pond Clipping Facilities Improvements

Applicant: Nestucca Anglers

Date: November 4, 2014

Fiscal Officer: \_\_\_\_\_

Date: 11062014