



R & E Grant Application 13 Biennium

Project #:
13-070

Millicoma/Morgan Creek STEP Education & Outreach

Project Information

R&E Project Request: \$23,800.00
Match Funding: \$36,900.00
Total Project: \$60,700.00
Start Date: 7/1/2013
End Date: 6/15/2015
Project Email: thomas.j.rumreich@state.or.us
Project Biennium: 13 Biennium
Organization: Coos County STEP Commission (Tax ID #: 91-1804418)

Fiscal Officer

Name: Harold Wornath
Address: 93944 Bridge View Lane
North Bend, OR 97459
Telephone: 541-914-5450

Technical Contact

Name: Tom Rumreich
Address: P.O. BOX
Charelston, OR 97420
Telephone: 541-888-5515
Telephone 2: 541-217-0051
Email: thomas.j.rumreich@state.or.us

Applicant Information

Name: Cliff Lance
Address: 93963 Bridge View Lane
North Bend, OR 97459
Telephone: 541-269-5209
Telephone 2: --
Fax: 541-888-6860
Email: cliff_adrienne@verizon.net

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: Education

Summary: The Millicoma Interpretive Center and the Morgan Creek STEP Hatchery are fish facilities that have strong educational components and host thousands of participants and visitors annually. These facilities have very little to no outreach and educational signs or displays to educate students and the general public about our fisheries resources.

Objectives: The objectives of the proposal are to purchase a series of signs that have already been developed by ODFW's Information and Education Section. This series of signs would provide invaluable information about these facilities, the programs that are at these facilities and critical components of healthy watersheds.

A series of kiosks would also be developed to educate students and adults about the life cycle of the fish used at these facilities as well as a history of their populations in the Coos Watershed.

We are also proposing a variety of displays that will be used to inspire visitors and participants to truly appreciate salmon and steelhead as a priceless natural resource belonging to all Oregonians.

**Fishery
Benefits:**

Commercial and recreation fisheries will benefit in the long term because participants and visitors to these facilities will have developed an understanding and hopefully an ownership of salmon and steelhead resources and will be better advocates and stewards for decades to come.

**Watershed
Benefits:**

The watershed will benefit because of the increase in awareness that will be instilled in thousands of people annually about limitations to salmon and steelhead populations and how activities in the watershed affect them.

**Current
Situation:**

Currently there are no signs, kiosks and minimal displays at Morgan Creek. Most of the displays are birds or mammals. At Millicoma, there are some educational signs, kiosks, and displays, but many more are needed to complete the education experience for the participants and visitors to the facility.

Alternatives: These facilities need the proposed educational tools and no other alternatives were considered.

Designer: The designers of the project would be Meghan Collins and Michael Arthur of the Department's Information and Education Section and local fish biologists.

Methods:

Phase one of the project would be to order a series of signs that have already been developed through the department's Information and Education Section. These signs would educate visitors about the individual components of these fish facilities and explain their purpose. These facility signs would identify the: incubator area, spawning building, fishway, raceways, rearing tanks, acclimation ponds, kids trout fishing pond, and facility maps. At Morgan Creek a facility sign would be very useful to school busses from outside of the community that currently have a difficult time finding the hatchery.

As part of phase one, it is proposed that additional signs be produced to exhibit the importance of: stream insects, riparian areas, natural spawning areas, undercut banks, riffles, and pools.

Phase two would be the installation of several kiosks that provide specific details on these specific topics. Topics for the kiosks would be: the history of the Coos River Fall Chinook, riparian and wetland restoration work at Morgan Creek, and the invaluable role that students play in the operation of these facilities.

Phase three would be the installation of a series of fish models and displays. Currently at Morgan Creek there are only two fish models and dozens of birds and mammals. We are proposing to have models of the complete life cycle of Chinook from eggs through spawning adults. We purchase the fish parts and assemble the fish models ourselves. We produced and donated all of the seven fish models in the Bonneville Hatchery Interpretive building. Good fish models are important educational tools. We are proposing to construct 11 fish models. We are also pursuing the donation of mounts of birds and mammals for Morgan Creek

The last phase of the proposed project is to complete access walkways to most of the interpretive kiosks and signs. We are proposing these walkways to be made out of concrete for durability purposes. All of the walkways and access points will be American Disability Act (ADA) accessible. Concrete will also be used to create stability to the kiosks and the sign pedestals.

Inspector: The Inspector for this project will be Kevin Herkamp, the State STEP Coordinator. Kevin is the instigator of this project.

Funding Elements: Restoration and Enhancement funds are proposed to be used for the purchase of the facility and habitat signs. Restoration and Enhancement funds are also proposed to be used for the purchase of the graphics and the photos for the kiosks as well as the parts for the fish models.

Partners: Yes

The Confederated Tribes, South Coast Anglers STEP Association, the Campbell Group, Roseburg Lumber, Bay Area Sportsman Association, Coos Basin Salmon Derby Committee, Dr Collins Memorial Fund, Coos County Highway Department, North Bend Middle School, and Millicoma Middle School.
All of these groups play a part in supporting these STEP and education facilities.

Existing Plan: No

Affected Contacted: Yes

Affected Supportive: Yes

Affected Comments: All parties believe that this proposed project is a critical component of these facilities. As a testimonial of the Coos County Commissioners interest in these facilities, they recently donated \$75,000 to safety and backup systems for Millicoma and Morgan Creek. All partners agree that the proposed educational components are needed to complete these facilities.

Project Schedule/Participants/Funding

Activity	Date	Participants
Order parts for fish models	10/6/2014	Fish Bios & volunteers
Customize facility signs	11/3/2014	I&E Staff
Order graphics and photos for kiosks	12/1/2014	Fish Bios & volunteers
Order new signs from vendor	12/1/2014	I&E Staff
Assemble fish models	2/7/2015	South Coast Anglers STEP
Project planning and design	10/15/2014	I&E / ODFW Fish Bios
Construct kiosks & sign pedestals	5/1/2015	South Coast Anglers STEP

Affected Species: Chinook Salmon
Steelhead

Project Permits

This project has no permits.

Project Monitoring

This project has no monitoring.

Project Maintenance

Organization	Address	Activity	Frequency
ODFW	,	Signs and kiosk maintenance by possible by Coos Basin Salmon Derby	Annually

Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$23,800.00	\$0.00	\$0.00		\$23,800.00	No	No	
Confederated Tribes	\$2,500.00	\$0.00	\$0.00		\$2,500.00	Yes	No	
Menasha	\$3,000.00	\$0.00	\$2,000.00	Cash and donated wood	\$5,000.00	Yes	No	
BASA	\$2,000.00	\$0.00	\$0.00		\$2,000.00	Yes	No	
Collins Memorial	\$2,000.00	\$0.00	\$0.00		\$2,000.00	Yes	No	
Roseburg Lumber	\$0.00	\$0.00	\$800.00	Donated plywood	\$800.00	Yes	No	
Coos Salmon Derby	\$2,000.00	\$0.00	\$0.00		\$2,000.00	Yes	No	
Coos County STEP volunteers	\$0.00	\$21,600.00	\$0.00		\$21,600.00	Yes	No	
Bandon High School	\$1,000.00	\$0.00	\$0.00		\$1,000.00	Yes	No	
				Total Match Funding:	\$60,700.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
volunteer labor	Personnel	1200	\$18.00	\$0.00	\$21,600.00	\$21,600.00
30 shts of plywood, 48 4x4s and 200 2x4s	Supplies/Materials /Services	1	\$2,800.00	\$0.00	\$2,800.00	\$2,800.00
Concrete access pass and pedestals	Supplies/Materials /Services	50	\$140.00	\$0.00	\$7,000.00	\$7,000.00
Facility and stream signs	Supplies/Materials /Services	32	\$500.00	\$16,000.00	\$0.00	\$16,000.00
Fish model parts	Supplies/Materials /Services	10	\$580.00	\$3,800.00	\$2,000.00	\$5,800.00
Text, photos, frames and graphics	Supplies/Materials /Services	12	\$625.00	\$4,000.00	\$3,500.00	\$7,500.00
					Total Budget:	\$60,700.00

Project Map

Project map is not defined.

Project map is not defined or error creating map.

Additional Files

Click a link to view that particular file.

[501\(c\)3 Designation Letter](#)

[Interpretive Signs](#)

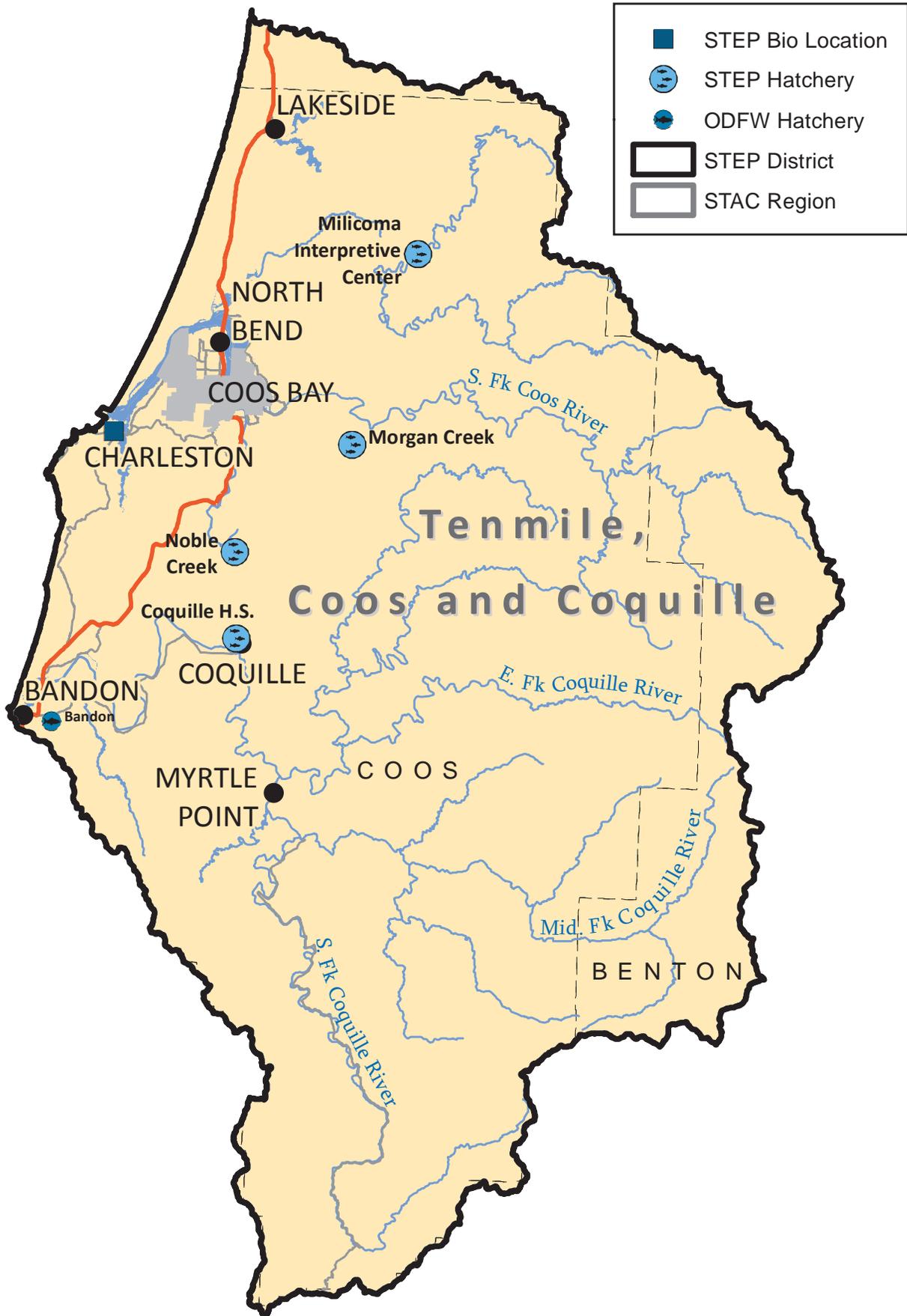
[Interpretive Signs](#)

[Interpretive Signs](#)

[Letter of support - ODFW STEP](#)

[Map](#)

[Signature page](#)



	STEP Bio Location
	STEP Hatchery
	ODFW Hatchery
	STEP District
	STAC Region

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: Millicoma and Morgan Creek Outreach Project

Applicant: Coos County STEP Commission

Date: December 5, 2012

Fiscal Officer:



Date: 12-6-12

Signature Authorization Page

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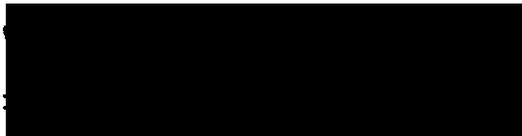
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Project Title: Millicoma/Morgan Creek STEP Education and Outreach

Applicant: Cliff Lance

Date: 3/31/2014

Fiscal Officer:



John Frazen

Date: 3-31-14



Oregon

John A. Kitzhaber, MD, Governor

Department of Fish and Wildlife

Charleston Field Office

63538 Boat Basin Drive

PO Box 5003

Charleston, OR 97420

(541) 888-5515

(541) 888-6860

December 14, 2012



Subject: Millicoma/Morgan Creek STEP Education & Outreach Application

To the R&E Board:

I encourage your support of the "Millicoma/Morgan Creek STEP Education & Outreach" grant application for Cycle 8.

The Millicoma Interpretive Center (MIC) has existed for many years and has served to educate and instill a stewardship ethic to local school children. We appreciate the R&E Program's support with a recent grant to repair/restore some of the structures that had shown the effects of the "rain forest" environment where MIC sits. Most of the interpretation of fish life cycles, watershed functions, and other messages that are communicated to the children and visitors is done verbally at this time. The installation of signage and kiosks at this facility will be an excellent tool to assist with communicating these messages.

The new STEP facility at Morgan Creek was constructed in 2007. Although it is a production facility for fall Chinook salmon, it was also constructed with public visitation and participation by school classes in mind. As with MIC, thousands of students and adult visitors come to this facility each year. Some visitation occurs on weekends or other times when staff are not present. Volunteer hosts are on-site during these times, but are tasked with more of the maintenance and security of the facilities and not so much with the education and interpretation. The addition of signage and kiosks at this facility will greatly enhance the visitors' experience and allow for self-guided exploration of the fish production, life history/biology, wetland, riparian, and stream habitat aspects at Morgan Creek.

One fortunate situation with this proposal is the fact that a series of signs and messages has already been developed for ODFW hatcheries and other facilities. The signs can be easily adapted for use at Millicoma and Morgan Creek. Kevin Herkamp, statewide STEP coordinator, has identified this opportunity and encouraged its application at MIC and Morgan Creek sites.

Thank you for your consideration of this request.

Sincerely,

Mike Gray
District Fish Biologist
ODFW--Charleston Field Office

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUN 28 2004

COOS COUNTY STEP COMMISSION
PO BOX 5430
CHARLESTON, OR 97420

Employer Identification Number:

91-1804418

DLN:

17053094822074

Contact Person:

ERIC J BERTELSEN

ID# 31323

Contact Telephone Number:

(877) 829-5500

Public Charity Status:

170(b)(1)(A)(vi)

Dear Applicant:

Our letter dated June 1999, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

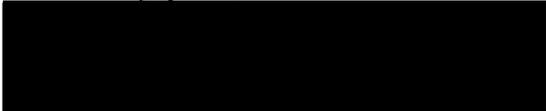
Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, (800) 829-5500. Information is also available on our Internet Web Site at www.irs.gov.

If you have general questions about exempt organizations, please call our toll-free number shown in the heading between 8:00 a.m. - 6:30 p.m. Eastern time.

Please keep this letter in your permanent records.

Sincerely yours,

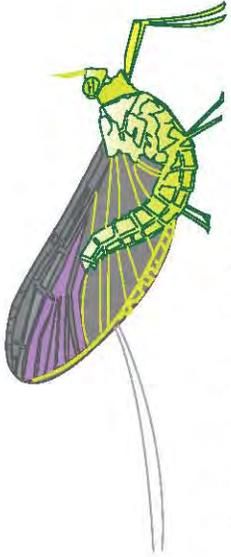

Lois G. Lerner
Director, Exempt Organizations
Rulings and Agreements

UNDERCUT BANKS

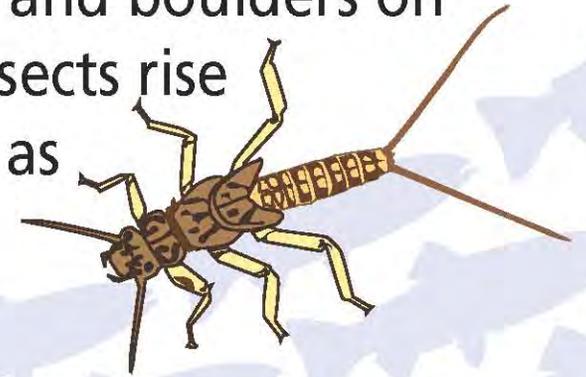
Banks that have been undercut by the water are good places for fish to hang out. The current is not very strong, and the overhanging bank and vegetation can provide protection from osprey, kingfishers or other overhead predators. The nearby current brings a steady supply of aquatic insects.



AQUATIC INSECTS



In rivers and streams trout and young salmon eat primarily aquatic insects, such as mayflies, caddis flies and stoneflies. These insects have two distinct life stages. As immature larva and nymphs they live on or near the rocks and boulders on the river bottom. As they mature, these insects rise to the water's surface where they emerge as adults. Fish feed on both immature and mature forms of aquatic insects.



RIPARIAN HABITAT

The trees, shrubs and other plants that grow along rivers and streams play an important role in creating good fish habitat. Their root systems help stabilize the bank and keep it from eroding. The overhanging branches shade the water keeping it cooler in warm summer months. These same branches also shelter many of the adult aquatic insects that are a large part of a fish's diet.

