



R & E Grant Application 05-07 Biennium

Project #:
05-060

Alder Creek Fish Barrier removal

Project Information

R&E Project Request: \$75,000.00
Match Funding: \$325,600.00
Total Project: \$400,600.00
Start Date:
End Date:
Project Email: sbwc@crpud.net
Project Biennium: 05-07 Biennium
Organization: Scappoose Bay Watershed Council (Tax ID #: 93-1266389)

Fiscal Officer

Name: Fiscal ODFW

Applicant Information

Name: Janelle St.Pierre
Address: 57420-2 Old Portland Rd
Warren, OR 97053
Telephone: 503-397-7904
Fax: 503-397-9101
Email: sbwc@crpud.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: Passage
Summary: Alder Creek provides spawning and rearing habitat for winter steelhead (federally listed-threatened), coho salmon (state listed-endangered), and cutthroat trout. The proposed project will provide unrestricted fish passage for salmonids by replacing three culverts with full-spanning bridges. Two downstream culverts are planned for replacement during the 2005 in-stream work period. The removal of these five fish passage barriers will provide approximately three miles of unrestricted access to quality habitat for salmonids.

Objectives: The proposed project will substantially enhance an area identified as potential refugia habitat. Alder Creek possesses suitable sized spawning

gravels, low gradients, and no significant fish barriers below the project reach. The presence of multiple fish barriers will open up another three miles of stream.

Fishery Benefits:	Newly opened areas in Alder Creek will provide important spawning and rearing habitat for winter steelhead, coho, and cutthroat. There is active recreational fishing in the area, particularly along North and South Scappoose Creek and into Scappoose Bay (which connects to Multnomah Channel and the Columbia River). Improving fish habitat in the upper watershed will improve long-term recreational fishing opportunities in the main creeks and river channels.
Watershed Benefits:	Not listed
Current Situation:	Not listed
Alternatives:	Not listed
Designer:	Not listed
Methods:	<p>The project proposes to remove culverts that are blocking fish passage, stabilize the bank, replace the culverts with bridges, and replant disturbed areas with native species. The structures have been designed and permitted to provide safe passage and enhance in-stream habitat near the structure through placement of large woody debris.</p> <p>Project designs have been completed by an experienced fish passage design engineer with review from the Council's Technical Advisory Committee. ODFW staff member Todd Alsbury has reviewed and approved the project designs and all permits have been obtained from DSL and the Corps. The Council project manager will coordinate with agencies, landowners, and contracting out the actual construction.</p> <p>Upon completion, projects will be inspected by the project manager and ODFW staff to ensure that they meet ODFW design guidelines and per design and construction contract requirements. The project manager will monitor each site by establishing photo points and ODFW will continue and expand their adult and juvenile salmonid monitoring in the watershed, utilizing watershed council volunteers and staff. The project manager will monitor vegetation survival for two years.</p>
Inspector:	Not listed
Funding Elements:	Project Manager, Fiscal Manager, Monitoring tech, Native Plants, 1250 miles, Culvert#86,87,89.
Partners:	No
Existing Plan:	No
Affected Contacted:	No

Affected Supportive: No

Project Schedule/Participants/Funding

This project has no Schedule/Participants/Funding.

Affected Species:

Coho Salmon
cutthroat trout
Winter steelhead

Project Permits

Name	Issued By	Secured?	Date Secured	Date Expected
Barrier 85	DSL and ACOE	No	12/17/2003	12/9/2003
Barrier 91	DSL and ACOE	No	12/17/2003	12/9/2003
Barrier 86	DSL and ACOE	No	12/17/2003	12/9/2003
Barrier 87	DSL and ACOE	No	12/17/2003	12/9/2003
Barrier 89	DSL and ACOE	No	8/3/2004	7/28/2004

Project Monitoring

Organization	Address	Activity	Frequency
Landowners	,	Photo-Monitoring of pre and post project construction	Summer and Fall

Project Maintenance

Organization	Address	Activity	Frequency
Scappoose Bay Watershed Council	,	Maintenance	Long-term

Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
ODFW R&E Grant	\$75,000.00	\$0.00	\$0.00		\$75,000.00	No	No	
Oregon Watershed Enhancement Board	\$120,000.00	\$0.00	\$0.00		\$120,000.00	Yes	No	
Lower Columbia River Estuary Partnership	\$176,600.00	\$0.00	\$0.00		\$176,600.00	No	No	
Us Fish and Wildlife Services	\$25,000.00	\$0.00	\$0.00		\$25,000.00	No	No	
Bureau of Land Management, Native plants	\$3,000.00	\$0.00	\$0.00		\$3,000.00	Yes	No	
Columbia Riverb Youth Cooperative (planting crew)	\$1,000.00	\$0.00	\$0.00		\$1,000.00	Yes	No	
				Total Match Funding:	\$400,600.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Culvert# 85,91	Contracted Services	1	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
Culvert# 86,87,89	Contracted Services	1	\$250,000.00	\$63,000.00	\$187,000.00	\$250,000.00
Benefits and additional grant management	Personnel	1	\$18,000.00	\$0.00	\$18,000.00	\$18,000.00
Fiscal Manager	Personnel	100	\$25.00	\$2,500.00	\$0.00	\$2,500.00
Monitoring tech	Personnel	300	\$25.00	\$5,000.00	\$2,500.00	\$7,500.00
Planting crew	Personnel	10	\$350.00	\$0.00	\$3,500.00	\$3,500.00
Project Engineer	Personnel	100	\$76.00	\$0.00	\$7,600.00	\$7,600.00
Project Manager	Personnel	240	\$25.00	\$2,000.00	\$4,000.00	\$6,000.00
Native Plants	Supplies/Materials /Services	2000	\$2.50	\$2,000.00	\$3,000.00	\$5,000.00
Mileage	Travel	1250	\$0.40	\$500.00	\$0.00	\$500.00
					Total Budget:	\$400,600.00

Additional Files

There are no additional files for this project.