

Project #15-1199, Middle Pilchuck LWD Design

Current Status: Application Submitted

Project Details

Primary Sponsor: Wild Fish Conservancy

Primary Contact: Micah Wait
(206) 953-9305
micah@wildfishconservancy.org

Funding Program: Salmon State Projects

Lead Entity: Snohomish Basin Lead Entity

Project Type: Planning

Project Description

Wild Fish Conservancy will use grant funds to develop preliminary designs for Engineered Log Jam restoration treatments in the Middle Pilchuck River. The goal of the project is to restore the historic floodplain processes and function in the treatment reach. Although habitat in this reach of the river is degraded, there is still a high concentration of chinook spawning. Adding ELJs, which encourage complex flow patterns and pool formation, will improve rearing habitat in the reach. ELJs will be designed to persist through high water events and to encourage scour patterns that will direct flow away from actively eroding un-vegetated banks, which will be planted through a co-occurring CREP installation.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
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Completion Date

Projected date of completion	6/30/2017
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Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12)	\$0.00
Project identifier for the other monetary funding (A.12.b)	N/A
Source of other monetary funding (A.12.a)	N/A

Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	\$0.00
Source of Donated Un-paid labor contributions (A.13.a.4)	N/A

Sponsor Match: Donated Paid Labor

Value of Donated Paid Labor (A.13.b.1)	\$0.00
Source of Donated Paid Contributions (A.13.b.2)	N/A

Sponsor Match: Other In-kind Contributions

Value of Other In-Kind Contributions (A.13.c.1)	\$0.00
Source of Other In-Kind Contributions (A.13.c.3)	N/A
Description of other In-Kind contributions (A.13.c.2)	N/a

Project Funding

Funding Request		Funding %	Min Match Required
Salmon State Projects (FY2016)	\$120,484	100.00 %	
Total Project Funding	\$120,484	100.00 %	

Project Cost Summary	Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS			
Planning	\$120,484		
A&E	\$0	0.00 %	\$36,145 (30%)
Subtotal	\$120,484	100.00 %	
Total Cost Estimate	\$120,484	100.00 %	

Worksites and Properties

General Area: Pilchuck River

County: Snohomish

Legislative Districts 2012: 39

Congressional Districts 2012: 01

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): PILCHUCK, LOWER

4th Field Catalog Units (HUC): Snohomish

WRIA: Snohomish
Sections: 34
Township: T30NR06E
Coordinates: 48.04043048
-122.02159041

Worksite #1: Middle Pilchuck - Reaches 2-4, 2-5, and 2-6

Coordinates from Mapped Point: Latitude: 48.04043048 Longitude: -122.02159041
Coordinates from Worksite: Latitude: Longitude:
Directions:

Worksite Description: The worksite will include sections of Reaches 2-4, 2.5 and 2-6 in the Snohomish County 2012 Middle Pilchuck Rivver Assessment. All activities planned for this phase of the project are planning related.

Site Access Directions: Driving north on the Grantie Falls Highway (92) from Lake Stevens, turn right on 147th Ave NE, follow it for about a mile and the project area is on your left on private property.

Worksite Address:

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Puget Sound ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Searun Cutthroat	
Area Encompassed (acres) (B.0.b.1)	5.0	
Miles of Stream Affected (B.0.b.2)	0.30	

Design for Salmon restoration

Preliminary design

Total cost for Preliminary design		\$115,484.00
Name of the Plan	Wild Fish Conservancy, 2017, Middle Pilchuck ELJ Design.	
Description of the Plan	Preliminary engineering designs for 5-8 Log Jams in the project reach.	

Cultural Resources

Cultural resources

Total cost for Cultural resources		\$5,000.00
Acres surveyed for cultural resources	5.00	

Planning Questions

- 1 of 4** **Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.**
Unknown, There were likely surveys conducted here prior to restoration work undertaken by Sound Salmon Solutions in the vicinity of their previous project in the reach. We have not reached out about previous cultural resources work at the site as we are still 3-4 years away from any ground disturbing activities at a minimum.
- 2 of 4** **Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)**
Yes, There may be need of geotech investigations to complete the design work. We will likely take between 20-30 soil/sediment samples at potential ELJ locations. WFC will engage an archaeologist to observe the test pits and incorporate observations into a cultural resources assessment update for the future Section 106 consultation.
- 3 of 4** **What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill?**
Agricultural, rural residential.
- 4 of 4** **Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.**
No

Property for Middle Pilchuck - Reaches 2-4, 2-5, and 2-6 Worksite #1: DNR

Activity: Planning

Landowner

Department of Natural Resources (DNR)
PO Box 47041
Olympia, WA 98504-7041

Landowner Type: State Government

Control and Tenure

Instrument Type: Easement
Purchase Type:
Term Length: Fixed # of years (10 years)
Expiration Date:
Note:

Property for Middle Pilchuck - Reaches 2-4, 2-5, and 2-6 Worksite #1: Lund Farm

Activity: Planning

Landowner

Control and Tenure

William Lund
4427 Schwartzmiller Road
Lake Stevens, Wa 98258

Instrument Type: Landowner Agreement
Purchase Type:
Term Length: Fixed # of years (10 years)
Expiration Date:
Note:

Landowner Type: Private

Overall Project Questions

- 1 of 10 **Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.**
No
- 2 of 10 **Describe any ground disturbing work that will be necessary as part of the design process, such as geotech work. Include anticipated number of test sites, depth of disturbance, location, etc.**
We will likely take between 20-30 soil/sediment samples at potential ELJ locations.
- 3 of 10 **Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. (www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf)**
Yes
- 4 of 10 **Do your organizational documents (charter, bylaws, or articles of incorporation) include the authority for the protection or enhancement of natural resources or related activities?**
Yes
- 5 of 10 **Do your organizational documents (charter, bylaws, or articles of incorporation) provide for an equivalent successor organization in case the nonprofit dissolves?**
Yes
- 6 of 10 **For grants listed in the Sponsor Match Category section on the Funding Request tab, list the grant source(s), when the funds were (or will be) secured, and how long the grant funds will be available to this project.**
N/A
- 7 of 10 **Describe the type and timing of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Sponsor Match Category section on the Funding Request tab.**
N/A
- 8 of 10 **Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number?**
601-185-520
- 9 of 10 **What date was your organization created?**
June 16th, 1989
- 10 of 10 **How long has your organization been involved in salmon and habitat conservation?**
25 years

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Aquatic Lands Use Authorization				
Cultural Assessment [Section 106]				
Hydraulics Project Approval [HPA]				
Nationwide Permit				
Shoreline Permit				
None - No permits Required				

Project Attachments

Required Attachments	5 out of 5 done
Cost Estimate	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Map: Planning Area	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
Salmon Project Proposal	<input checked="" type="checkbox"/>

Photos

Attachment Type	Title	Attach Date
Application Review Report	Application Review Report, 15-1199P(rtnd 08/24/15 10:09:25).pdf	08/24/2015
Cost Estimate	2015 Draft Budget.xlsx	04/03/2015
Map: Planning Area	Pilchuck Location Map.jpg	04/03/2015

Photo	IMAG0003.jpg	04/03/2015
Photo	IMAG0002.jpg	04/03/2015
Project Application Report	Application Report, 15-1199P (submitted 08/13/15 14:41:45).pdf	08/13/2015
Salmon Project Proposal	Middle Pilchuck LWD Design_Project Proposal 8-27.docx	08/27/2015
Visuals	site visit may 2015.pptx	07/14/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/27/2015	Micah Wait	
Application Returned	08/24/2015	Elizabeth Butler	Thanks Micah -- We'll need the Landowner Acknowledgement Form from DNR to call this application complete. Also wanted to give you a chance to reconsider and edit your response to the review panel comments in the salmon proposal and to see my adjustments to your cost estimate. You'll likely need to observe the geotech work and update the cultural resources assessment for the Section 106 consultation. See my notes for more details.
Application Submitted	08/13/2015	Micah Wait	Thanks Elizabeth!
Preapplication	04/01/2015		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (Micah Wait, 08/27/2015)

Date of last change: 08/27/2015