

Project #15-1205, Lower Mainstem Skokomish LWD Design – HWY 101

Current Status: Application Submitted

Project Details

Primary Sponsor: Mason Conservation District

Secondary Sponsor: Skokomish Tribe

Primary Contact: Evan Bauder
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Funding Program: Salmon State Projects

Project Type: Planning

Lead Entity: Hood Canal Coordinating Council Lead Entity

Project Description

This project will take place throughout a 1.6 mile reach of the main stem Skokomish River between river mile 4.1 and 5.7. The project will analyze the entire reach to determine the most appropriate size, frequency, and location for LWD installations to achieve the goal of improving structural and habitat diversity by facilitating sediment storage, sediment processing, normative channel patterns, and stable vegetated islands (where appropriate). Design alternatives will be discussed amongst project stakeholders, and the most appropriate alternative will be selected based on landowner support and benefit to fish. Final designs will be developed for the selected alternative and the project team will work with permitting agencies to obtain all appropriate permits.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Completion Date

Projected date of completion 12/31/2018

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) \$47,000.00
Source of Other In-Kind Contributions (A.13.c.3) Skokomish Indian Tribe
Description of other In-Kind contributions (A.13.c.2) The Skokomish Tribe is purchasing Green LiDAR that covers this entire project site. The cost of acquiring this LiDAR will cover the match requirement for this grant.

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	\$265,302	84.95 %		Donated Equipment	\$47,000
Sponsor Match	\$47,000	15.05 %	15%		
Total Project Funding	\$312,302	100.00 %			

Project Cost Summary

PLANNING COSTS

	Project %	Admin/A&E %	Maximum for Selected Program
Planning	\$312,302		
A&E	\$0	0.00 %	\$93,691 (30%)
Subtotal	\$312,302	100.00 %	
Total Cost Estimate	\$312,302	100.00 %	

Worksites and Properties

General Area: Lower Skokomish River

County: Mason

Legislative Districts 2012: 35

Congressional Districts 2012: 06
Salmon Recovery Regions: Hood Canal/Puget Sound
DNR Watershed Units (WAU): SKOKOMISH, LOWER
4th Field Catalog Units (HUC): Skokomish
WRIA: Skokomish-Dosewallips
Sections: 15
Township: T21NR04W
Coordinates: 47.31041835
 -123.17815922

Worksite #1: Skokomish River RM 4.1-5.7

Coordinates from Mapped Point: **Latitude:** 47.31041835 **Longitude:** -123.17815922
Coordinates from Worksite **Latitude:** 47.309851 **Longitude:** -123.177245
Directions:

Worksite Description: This worksite extends from RM 4.1 to RM 5.7 on the mainstem Skokomish River. The project location and parking identified on the worksite map identify the location of the HWY 101 bridge. This entire site will be surveyed and designs will be developed for installing multiple engineered log jams.

Site Access Directions: From the Wallace Kneeland Blvd exit in Shelton, WA head North on HWY 101 for approximately 6.1 miles to the destination.

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, Chum Salmon-Hood Canal Summer-run ESU, Chum Salmon-unidentified ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Bull Trout, Cutthroat, Searun Cutthroat	
Area Encompassed (acres) (B.0.b.1)	26.8	
Miles of Stream Affected (B.0.b.2)	1.60	

Design for Salmon restoration

Final design and permitting

Total cost for Final design and permitting		\$296,402.00
Name of the Plan	Skokomish River HWY 101 Reach ELJ Design	
Description of the Plan	This plan will include final designs for ELJ installation between river mile 4.1 and 5.7.	

Equipment

Purchase miscellaneous equipment

Total cost for Purchase miscellaneous equipment		\$900.00
Number of miscellaneous equipment items	4	
Describe the miscellaneous equipment being purchased	Two sets of waders and wading boots.	

Cultural Resources

Cultural resources

Total cost for Cultural resources		\$15,000.00
Acres surveyed for cultural resources	26.80	

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.**
 No, No, a cultural resource investigation and report are included in the scope of this project.
- 2 of 4** **Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)**
 No, No boring will be necessary for this project.
- 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?**
 Land use at this worksite consists of residential development, public (state and county), tribal, and commercial agriculture.
- 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.**
 Yes, This project area includes the Washington State Department of Fish and Wildlife's "HWY 101" site.

Overall Project Questions

- 1 of 5** **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.**
 Yes, TBD

- 2 of 5** 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.
MCD consulted with a well regarded riverine engineering firm who confirmed that geotechnical boring will not be required for these ELJ designs. They may do some shallow excavation on nearby gravel bars, but that will be the extent of ground disturbing work.
- 3 of 5** 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)
No, Ownership of the Skokomish River adjacent to the Skokomish Reservation – including the proposed project sites between river miles 4.1-5.7 – remains undetermined and subject to additional research/interpretation of the executive order establishing the reservation. Although DNR has made an administrative decision to not assert ownership at this time, this should not be construed as a formal disclaimer of title.
- 4 of 5** 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
- 5 of 5** 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.
The Skokomish Tribe is donating the cost of acquiring Green LiDAR that covers the entire project site. The LiDAR was acquired in Spring of 2015.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Cultural Assessment [Section 106]				
Hydraulics Project Approval [HPA]				
Nationwide Permit				
Water Quality Certification [Section 401]				

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
Cost Estimate	Updated Cost Estimate 15-1205.xlsx	06/25/2015
Map: Planning Area	Planning Area Map.pdf	04/19/2014
Photo	IMG_1934.jpg	04/21/2014
Photo	IMG_1931.jpg	04/21/2014
Salmon Project Proposal	Track Changes Project Proposal 15-1205.docx	06/25/2015
Visuals	Vicinity Restoration Project Map.pdf	06/25/2015
Visuals	Land Ownership Map.pdf	06/25/2015
Visuals	Vicinity_Map.pdf	04/19/2014

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/14/2015	Evan Bauder	Have a great weekend!
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. (Evan Bauder, 08/14/2015)