

Project #15-1204, Lower Big Quilcene River Design - phase 2

Current Status: Application Submitted

Project Details

Primary Sponsor: Hood Canal Salmon Enhancement Group

Primary Contact: Michelle Myers
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Funding Program: Salmon State Projects

Lead Entity: Hood Canal Coordinating Council Lead Entity

Project Type: Planning

Project Description

The Hood Canal Salmon Enhancement Group (HCSEG) will design a feasible restoration project that allows for the maximum benefit to salmon. The goal of the design project is to create value for those who care about Quilcene by restoring natural processes that is compatible with shellfish in Quilcene Bay and provides benefits to people through a collaborative multi-goal effort on the lower Big Quilcene River. This phase 2 planning project will look at design alternatives that reconnects the river with the floodplain and distributary channels in the estuary. Design alternatives will be evaluated through stakeholder process and use a Delft 3D hydraulic 3 dimensional flow modeling that will result in a preliminary design alternative. This project will support Hood Canal Summer Chum, Puget Sound Steelhead and coho salmon.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	3/30/2017
Sponsor Match: Monetary Funding	
Amount of other monetary funding (A.12)	\$649,133.00
Project identifier for the other monetary funding (A.12.b)	USFWS , ESRP, Floodplains By Design.
Source of other monetary funding (A.12.a)	USFWS , ESRP, Floodplains By Design
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)	Work crews
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)	TNC and Consultants
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	Sponsor Match Source	
Salmon State Projects (FY2016)	\$200,000	23.55 %		Grant - Federal	\$30,000
Sponsor Match	\$649,133	76.45 %	15%	Grant - Other	\$619,133
Total Project Funding	\$849,133	100.00 %			

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS				
Planning	\$849,133			
A&E	\$0		0.00 %	\$254,740 (30%)
Subtotal	\$849,133	100.00 %		
Total Cost Estimate	\$849,133	100.00 %		

Worksites and Properties

General Area: Lower Big Quilcene River

County: Jefferson

Legislative Districts 2012: 24

Congressional Districts 2012: 06

Salmon Recovery Regions: Hood Canal/Puget Sound

DNR Watershed Units (WAU): Big Quil
4th Field Catalog Units (HUC): Hood Canal
WRIA: Quilcene-Snow
Sections: 24
Township: T27NR02W
Coordinates: 47.81851838
-122.86994735

Worksite #1: Lower Big Quilcene River (approx. lower 1.2 miles)

Coordinates from Mapped Point: **Latitude:** 47.81851838 **Longitude:** -122.86994735
Coordinates from Worksite: **Latitude:** 47.818404 **Longitude:** -122.870106
Directions:

Worksite Description: The stretch of the Big Quilcene River between Rodgers Road and the mouth has been heavily impacted by development. This planning project will compile information gathered in previous studies and develop an order of operation for restoration in the lowest mile of the river.

Site Access Directions: From the town of Quilcene on US Hwy 101 heading South, turn left onto Linger Longer road then left onto Freemont street for public parking.

Worksite Address:
Linger Longer road vicinity
Quilcene, WA 98376

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, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Cutthroat	
Area Encompassed (acres) (B.0.b.1)	60.0	
Miles of Stream Affected (B.0.b.2)	1.20	

Design for Salmon restoration

Preliminary design		
Total cost for Preliminary design		\$849,133.00
Name of the Plan	Setback Dike Alternatives and bridge alternatives	
Description of the Plan	Develop design alternatives that are consistent with project goals, outreach efforts and objectives	

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, Only part of the worksite has been investigated for historical, archeological, or cultural resources from previous project.
- 2 of 4** **Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)**
Yes, A series of soil test pits will be conducted for a soils report for alternative roads designs.
- 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?**
Current land use is residential and conservation. No known ground disturbances.
- 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, There are several parcels in the area that are owned by Jefferson County, Washington Department of Fish and Wildlife and the Hood Canal Salmon Enhancement Group.

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.**
No, Not sure.
- 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.**
There will be a series of test pits for geotech work. This work is required for a soils report which will determine road design alternatives and historically floodplain channels.
- 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, No
- 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.**

This project currently has partial matching funds secured and will also be using matched by funds from the National Fish and Wildlife Foundation through the Nature Conservancy. TNC staff are assisting HCSEG with community outreach and meetings throughout the overall project. Additional matching funds are through USFWS.

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.

There may be volunteer efforts associated with monthly water quality equipment monitoring in Quilcene Bay in phase 2.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Archeological & Cultural Resoures (EO 05-05)				
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
Amendment - State	13-1209 Amend #3 Scope Change.pdf	02/25/2015
Application Review Report	Application Review Report, 15-1204P(rtnd 08/27/15 14:22:34).pdf	08/27/2015
Correspondence	Scope Change LE support letter.pdf	03/10/2015
Cost Estimate	2015 HCSEG_LBQPDphase2_CostEstimate_revised8_27_2015.xlsx	08/28/2015
Cost Estimate	2015 HCSEG_LBQPDphase2_CostEstimate_revised8_13_2015(2).xlsx	08/13/2015
Cost Estimate	2015 HCSEG_LBQPDphase2_CostEstimate_revised6_25_2015.xlsx	06/25/2015
Cost Estimate	2015 HCSEG_LBQPDphase2_CostEstimate.xlsx	04/27/2015
Map: Planning Area	Map_PlanningArea.pdf	04/21/2015
Photo	2014Flood_LingerLonger.jpg	04/21/2015
Photo	BIG QUIL FLOOD PLAIN - BEFORE SEPT 2003.jpg	06/11/2013
Photo	BQR NORTH DIKE REMOVAL - AFTER SEPT 2008.jpg	06/11/2013
Project Application Report	Application Review Report, 15-1204P(compl 08/24/15 15:47:13).pdf	08/24/2015
Project Application Report	Application Report, 15-1204P (submitted 08/13/15 20:15:05).pdf	08/13/2015
Salmon Project Proposal	ProjectProposal_LBQdesignPhase2_2015_SRFB_revised8_27_2015.docx	08/28/2015
Salmon Project Proposal	ProjectProposal_LBQdesignPhase2_2015_SRFB_revised6_25_2015.docx	06/25/2015
Salmon Project Proposal	ProjectProposal_LBQdesignPhase2_2015_SRFB_current.docx	04/27/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/28/2015	Michelle Myers	Mike, Updated project proposal and refined tasks in budget spreadsheet, named 8_27_2015 to reflect comments received. Please let me if you have any questions. Thanks, Michelle
Application Returned	08/27/2015	Mike Ramsey	As request by the applicant and supported by the LE updates to the proposal are needed.
Application Complete	08/24/2015	Mike Ramsey	App complete
Application Submitted	08/13/2015	Michelle Myers	8/13/2015: An updated cost estimate worksheet was uploaded to reflect current secured and unsecured match for the overall project cost. Please let me know if other corrections in the project proposal needs to be changed to reflect the current funding request. Thanks, Michelle.
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. (Michelle Myers, 08/28/2015)