

Project #15-1072, Greenbank Marsh Habitat Restoration Issues Assess.

Current Status: Application Submitted

Project Details

Primary Sponsor: Whidbey Island Conservation District

Primary Contact: Tom Slocum
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Funding Program: Salmon State Projects

Lead Entity: Island County Lead Entity

Project Type: Planning

Project Description

Whidbey Island Conservation District (WICD) will evaluate specific land use issues and site physical conditions that are fundamental to the design and eventual implementation of measures to restore tidal connectivity and nearshore ecological functions at the large, isolated Greenbank Marsh system. The freshwater marsh and brackish tidal lagoon system is the remnant of a larger salt marsh that covered the area prior to settlement in the 19th Century. Restoration of tidal connection and ecological function has the potential to provide roughly 20 acres of rearing habitat for juvenile Chinook and other salmon species. Following up on 2013 conceptual-level engineering feasibility study, the present project will focus on clarifying the site hydrology and the legal obligations of local government and property owners to use and maintain the site's existing drainage infrastructure. Recognizing the importance of the community engagement and community support goals of the WRIA 6 Recovery Plan, WICD believes that improving drainage is the critical issue that can potentially leverage support for habitat restoration efforts in a local context where neighborhood resistance has thwarted previous WRIA 6 nearshore restoration projects.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Completion Date

Projected date of completion 6/30/2017

Sponsor Match: Monetary Funding

Amount of other monetary funding \$0.00
Project identifier for the other monetary funding N.A.
Source of other monetary funding N.A.

Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers) \$2,000.00
Source of Donated Un-paid labor contributions GBBC officers and outfall committee members time doing public outreach and consultation activities

Sponsor Match: Donated Paid Labor

Value of Donated Paid Labor \$18,590.00
Source of Donated Paid Contributions WICD staff time

Sponsor Match: Other In-kind Contributions

Value of Other In-Kind Contributions \$0.00
Source of Other In-Kind Contributions N.A.
Description of other In-Kind contributions WICD expended about \$9,000 in staff time between Sept. 2013 and March 2015 in completing a preliminary feasibility study for the project site owner.

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	\$116,150	84.94 %		Donated Labor	\$20,590
Sponsor Match	\$20,590	15.06 %	15%		
Total Project Funding	\$136,740	100.00 %			

Project Cost Summary

PLANNING COSTS

	Project %	Admin/A&E %	Maximum for Selected Program
Planning	\$136,740		
A&E	\$0	0.00 %	\$41,022 (30%)
Subtotal	\$136,740	100.00 %	
Total Cost Estimate	\$136,740	100.00 %	

Worksites and Properties

County: Island

Legislative Districts 2012: 10

Congressional Districts 2012: 02

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): WHIDBEY IS

4th Field Catalog Units (HUC): KITSAP

WRIA: Island

Sections: 09

Township: T30NR02E

Coordinates: 48.10870842
-122.56871643

Worksite #1: Greenbank Marsh

Coordinates from Mapped Point:

Latitude: 48.10870842

Longitude: -122.56871643

Coordinates from Worksite

Latitude:

Longitude:

Directions:

Worksite Description: The assessment will focus on five tax parcels that encompass the relict Greenbank Marsh and tidal inlet near the village of Greenbank on Central Whidbey Island. The site includes the freshwater wetland west of North Bluff Road and the brackish lagoon, salt marsh and beach front owned by the Greenbank Beach and Boat Club, Inc. waterward of North Bluff Road.

Site Access Directions: From SR 525 on Central Whidbey Island, take North Bluff Road northeast past the Greenbank Farm complex about a half mile to the gated private driveway to the Greenbank Beach and Boat Club, Inc. (GBBC) property. Permission from GBBC is required to access its private property.

Worksite Address:

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS	Chinook Salmon-Puget Sound ESU	
Targeted species (non-ESU species)	Unknown	
Area Encompassed (acres)	20.0	
Miles of Stream Affected	0.00	

Design for Salmon restoration

Preliminary design

Total cost for Preliminary design

\$136,740.00

Name of the Plan

2005 WRIA 6 Multi-Specie Salmon Recovery Plan

Description of the Plan

Development of conceptual project design alternatives for a nearshore "pocket estuary" identified within the WRIA 6 recovery plan.

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
- 2 of 4** Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)
Yes, The proposed scope of work includes installation of two groundwater monitoring wells.
- 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?
The site consists of a freshwater marsh, relict salt marsh/lagoon and beach front. Development on the site includes a tidegate vault and associated stormwater outfall, an old earth dike, a concrete boat ramp and an unpaved parking area built on about an acre of fill. A county road, North Bluff Road, bisects the site.
- 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, The eastern part of the site is operated as a private beach-front recreation area by its owner, the Greenbank Beach and Boat Club, Inc.

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
- 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.
The proposed scope of work includes installation of two groundwater monitoring wells.
- 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)
Yes, Available parcel maps indicate that the beach area below OHWM is on State Owned Aquatic Land.

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.
none anticipated

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
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
Cost Estimate	15-1072 Greenbank Marsh budget 3-16-15.pdf	03/13/2015
Cost Estimate	15-1072 SRFB Cost Estimate.xlsx	03/13/2015
Design document	GBBC Conceptual Design Report 11-26-13.pdf	03/13/2015
Map: Planning Area	Greenbank Marsh Location Map.pdf	03/13/2015
Photo	GBBC lagoon.jpg	03/13/2015
Photo	2006 WDOE oblique photo.jpg	03/13/2015
Salmon Project Proposal	15-1072 Greenbank Marsh Proposal 3-16-15.docx	03/13/2015
Visuals	Greenbank Marsh Historical Context.pdf	03/13/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	03/13/2015	Tom Slocum	
Preapplication	02/25/2015		

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. (Tom Slocum, 03/13/2015)