

Project #15-1485, Whidbey Basin Pocket Estuary Census

Current Status: Application Submitted

Project Details

Primary Sponsor: Skagit River System Cooperative

Primary Contact: Karen Wolf
(360) 466-7309
kwolf@skagitcoop.org

Funding Program: Salmon State Projects

Lead Entity: Island County Lead Entity

Project Type: Planning

Project Description

Our project will census nearshore pocket estuary habitat within the Whidbey Basin using remote sensed imagery from a contemporary time period and GIS methods. Indicators measured include: 1) count of pocket estuaries accessible to juvenile salmon, 2) the extent of habitat by types, and 3) their landscape position (i.e., connectivity). The contemporary time period will depend on the imagery available but will likely be 2013 or 2014. This project will complement work being done by the Puget Sound Partnership (PSP) sponsored Skagit Monitoring Pilot Project (PSP Interagency Agreement #2015-64). Monitoring methods from this project are identical to the methods of the Skagit Pilot and follow the RITT Common Framework. The Skagit Pilot is being used to help develop regional guidance for monitoring of Common Indicators for Puget Sound Lead Entities. Pocket estuary metrics are included in the list of the Puget Sound Common Indicators. In the Skagit Pilot, we are measuring Whidbey Basin pocket estuary habitat for a time period representing habitat conditions around the time the Puget Sound Chinook Recovery Plan was adopted (~2005). With monitoring results from both time periods, the Whidbey Basin Lead Entities (including Island County) will have a trend result for Whidbey Basin pocket estuary habitat for the first decade of Puget Sound Chinook Recovery Plan implementation.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Completion Date

Projected date of completion 12/31/2016

Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12) \$5,966.00
Project identifier for the other monetary funding (A.12.b) 9029.EP0.01
Source of other monetary funding (A.12.a) Skagit River System Cooperative

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	Sponsor Match Source	
Salmon State Projects	\$22,734	79.21 %		Grant - Federal	\$5,966
Sponsor Match	\$5,966	20.79 %	15%		
Total Project Funding	\$28,700	100.00 %			

Project Cost Summary

Project % Admin/A&E % Maximum for Selected Program

PLANNING COSTS

Planning	\$28,700			
A&E	\$0		0.00 %	\$8,610 (30%)
Subtotal	\$28,700	100.00 %		
Total Cost Estimate	\$28,700	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
Coordinates: 48.26916641
-122.59263447

Worksite #1: WRIA 6- Island Watershed

Coordinates from Mapped Point:
Coordinates from Worksite
Directions:

Latitude: 48.26916641
Latitude:
Longitude: -122.59263447
Longitude:

Worksite Description: Island County (WRIA 6) pocket estuaries within the Whidbey Basin (see map figure). Whidbey Basin is known as the inside waters from Possession Point to Deception Pass. Island County’s part would be the shorelines of the east side of Whidbey Island and all of Camano Island. Activities will be conducted off-site, to include GIS nearshore status and trends habitat monitoring of pocket estuaries through digitizing from remote sensed imagery.

Site Access Directions: N/A

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-Puget Sound/Strait of Georgia ESU	
Targeted species (non-ESU species)	None	
Area Encompassed (acres) (B.0.b.1)	0.0	
Miles of Stream Affected (B.0.b.2)	0.00	
Salmonid Habitat Assessment / Inventory		
Habitat surveys (B.2.d)		
Total cost for Habitat surveys		\$28,700.00
Acres of habitat assessed (B.2.d.2)	0.0	
Amount Of Habitat Assessed That Needed Restoration (B.2.d.3)	0.0	
Type of Habitat Assessment (B.2.d.1)	Estuarine/nearshore habitat conditions	

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, This question does not apply. This project involves doing remote sensed habitat monitoring from imagery. No on-the-ground access or change to the site will occur.
- 2 of 4

Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)

No
- 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?

This question does not apply. This project involves doing remote sensed habitat monitoring from imagery. No on-the-ground access or change to the site will occur.
- 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, This question does not apply. This project involves doing remote sensed habitat monitoring from imagery. No on-the-ground access or change to the site will occur.

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, \$22,734
- 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.

This question does not apply. This project involves doing remote sensed habitat monitoring from imagery. No on-the-ground access or change to the site will occur.
- 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, This question does not apply. This project involves doing remote sensed habitat monitoring from imagery. No on-the-ground access or change to the site will occur.
- 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.

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.

N/A

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	
Map: Area of Potential Effect (APE)	
Map: Planning Area	
Photo	
Salmon Project Proposal	

Photos

Attachment Type	Title	Attach Date
Application Document	Attachment 1 - Beamer & Wolf 2011.pdf	08/12/2015
Cost Estimate	Research RCO Budget.pdf	08/12/2015
Map: Planning Area	SRFB_WRIA6_PlanningMap.jpg	08/10/2015
Photo	Elger Bay pocket estuary.jpg	08/12/2015
Photo	Race Lagoon pocket estuary.jpg	08/10/2015
Salmon Project Proposal	15-1485 PE census ProjectProposal.pdf	08/13/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/13/2015	Dawn Pucci	I certified this as Karen Wolf, SRSC, was on vacation and not able. Eric Beamer is in the field and requested I certify this on their behalf in order to meet the application deadline. Thanks, Dawn Pucci, WRIA 6 Lead Entity Coordinator
Preapplication	07/31/2015		

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. (Dawn Pucci, 08/13/2015)