

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 Federal Activities
Lead Entity: Island County Lead Entity
Project Type: Monitoring

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 %	Sponsor Match Source	
Salmon Federal Activities	\$22,734	79.21 %	Donated Labor	\$5,966
Sponsor Match	\$5,966	20.79 %		
Total Project Funding	\$28,700	100.00 %		

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
MONITORING COSTS				
Monitoring	\$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

Worksite #1: WRIA 6- Island Watershed

Coordinates from Mapped Point:	Latitude: 48.26916641	Longitude: -122.59263447
Coordinates from Worksite	Latitude:	Longitude:
Directions:		

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:

Monitoring 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	
Number of Reports Prepared (E.0.e.1)	1	
Name Of Report (E.0.e.2)	TBD	
Project Identified in a Plan or Watershed Assessment (E.0.c)	n/a	
Number of Cooperating Organizations (E.0.d.1)	2	
Name Of Cooperating Organizations (E.0.d.2)	Island County; SRSC	
Complement Habitat Restoration Project (E.0.b)	none	
Monitoring		
Acres of watershed area monitored (E.1.b.2)	400.0	
Record Name Of Strategy/Program (E.1.d)	n/a	
Stream Miles Monitored (E.1.b.1)	0.00	
Habitat condition monitoring (E.1.c.11)		
Total cost for Habitat condition monitoring		\$28,700.00
# acres (to nearest 0.1 acre) of watershed monitored for Habitat condition monitoring (E.1.c.11.c)	400.0	
# miles (to nearest 0.01 mile) monitored for Habitat condition (E.1.c.11.a)	0.00	

Overall Project Questions

1 of 5	Who will be responsible for administration, design, and/or implementation of this project (i.e. in-house staff, paid consultants, contractors, volunteers, other agency staff, etc.)? Explain.
2 of 5	Is this project located at a hatchery or hatcheries? If so, provide the hatchery name(s):
3 of 5	What type of contract is this: Purchased Service, Personal Service, Interagency Agreement?
4 of 5	Is this a sole source contract?
5 of 5	Does this contract have to be filed with OFM?

Project Attachments

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
Project Application Report	Application Report, 15-1485P (submitted 08/13/15 11:17:00).pdf	08/13/2015
Salmon Project Proposal	15-1485 PE census ProjectProposal.pdf	08/13/2015

Application Status

Application Due Date:

Status	Status Date	Name	Notes
Application Submitted	08/31/2015	Scott Chapman	submitted
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. (Scott Chapman, 08/31/2015)

Date of last change: 08/31/2015