

Project #15-1239, Population structure of Chinook residents - SJI

Current Status: Application Submitted

Project Details

Primary Sponsor: Long Live the Kings

Primary Contact: Michael Schmidt
(206) 382-9555 Ext 27
mschmidt@lltk.org

Funding Program: Salmon State Projects

Lead Entity: San Juan County Community
Development Lead Entity

Project Type: Planning

Project Description

The proposed assessment will take initial steps to assessing the role of Chinook residency relative to salmon recovery, focusing on the San Juan Islands—marine habitat heavily utilized by resident Chinook. We will determine the natural populations represented, key prey and habitat, what it means to be resident (migration pathways), and whether early marine growth influences resident behavior. Changes in residency over time will also be assessed to further isolate how important residency is to Chinook survival and recovery. Results will fill a significant data gap for San Juan Islands salmon recovery and Puget Sound salmon recovery as a whole. Results will help determine the relative priority of protecting the resident form and what steps, including marine habitat restoration and protection, can be taken to do so. This collaborative effort is a component of the Salish Sea Marine Survival Project.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	12/30/2018
Sponsor Match: Monetary Funding	
Amount of other monetary funding	\$40,000.00
Project identifier for the other monetary funding	Salish Sea Marine Survival Project 2014 (Long Live the Kings). Year 3 - 2016
Source of other monetary funding	NA
Sponsor Match: Donated Un-paid Labor (volunteers)	
Value of Donated Unpaid Labor (Volunteers)	\$0.00
Source of Donated Un-paid labor contributions	NA
Sponsor Match: Donated Paid Labor	
Value of Donated Paid Labor	\$0.00
Source of Donated Paid Contributions	NA
Sponsor Match: Other In-kind Contributions	
Value of Other In-Kind Contributions	\$0.00
Source of Other In-Kind Contributions	NA
Description of other In-Kind contributions	NA

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	\$216,383	84.40 %		Grant - Other	\$40,000
Sponsor Match	\$40,000	15.60 %	15%		
Total Project Funding	\$256,383	100.00 %			
Project Cost Summary					
		Project %	Admin/A&E %	Maximum for Selected Program	
PLANNING COSTS					
Planning	\$256,383				
A&E	\$0		0.00 %	\$76,915 (30%)	
Subtotal	\$256,383	100.00 %			
Total Cost Estimate	\$256,383	100.00 %			

Worksites and Properties

County: San Juan

Legislative Districts 2012: 40

Congressional Districts 2012: 02

Salmon Recovery Regions: Puget Sound
DNR Watershed Units (WAU): ORCAS IS
4th Field Catalog Units (HUC): San Juan Islands
WRIA: San Juan
Coordinates: 48.59404737
 -122.94708555

Worksite #1: San Juan Islands and Surrounding Waters

Coordinates from Mapped Point: **Latitude:** 48.59404737 **Longitude:** -122.94708555
Coordinates from Worksite: **Latitude:** 48.592401 **Longitude:** -122.937545
Directions:

Worksite Description: The proposed work will focus on sampling the marine epi-pelagic habitats of the San Juan Islands. Over wintering Chinook, assumed resident, will be sampled via collaboration with fishermen, test fisheries and derbies: collecting scales, fin tissue, and gut contents. Otoliths and coded-wire tags will be obtained from hatchery origin Chinook. Specific sampling locations will be determined during the course of this project by working with the Washington Department of Fish and Wildlife, the local fishing community, and the Technical Advisory Group.

Site Access Directions: Drive north on I-5 to highway 20. Drive west on highway 20 to Anacortes. The Anacortes ferry takes you to the San Juan Islands, where the work is generally located.

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)	None	
Area Encompassed (acres)	1000.0	
Miles of Stream Affected	0.00	

Salmonid Habitat Assessment / Inventory

Habitat surveys (B.2.d)

Total cost for Habitat surveys		\$256,383.00
Acres of habitat assessed	10000.0	
Amount Of Habitat Assessed That Needed Restoration	10000.0	
Type of Habitat Assessment	Estuarine/nearshore habitat conditions. Ocean 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 is an assessment. No disturbances 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?
Not applicable. The assessment is predominantly targeting the offshore Puget Sound marine environment surrounding the San Juan Islands
- 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

Overall Project Questions

- 1 of 10** 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, \$90,000 State SRFB dollars are needed for proposed federal contractor.
- 2 of 10** 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.
None
- 3 of 10** 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
- 4 of 10** Do your organizational documents (charter, bylaws, or articles of incorporation) include the authority for the protection or enhancement of natural resources or related activities?
Yes
- 5 of 10** Do your organizational documents (charter, bylaws, or articles of incorporation) provide for an equivalent successor organization in case the nonprofit dissolves?

Yes

- 6 of 10** 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.
None
- 7 of 10** 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.
Donated labor will occur from fishermen who volunteer for support. This has not been articulated currently in the project match section as other funds are currently allocated as match.
- 8 of 10** Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number?
91-1353982
- 9 of 10** What date was your organization created?
August 1985
- 10 of 10** How long has your organization been involved in salmon and habitat conservation?
29 years

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Endangered Species Act Compliance [ESA]	07/30/2015			
Other Required Permits	11/02/2015			

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
Application Document	REFERENCES - 15-1239 Population Structure Resident Chinook.docx	05/15/2015
Cost Estimate	PROJECT BUDGET - 15-1239 - Resident Chinook.xlsx	05/15/2015
Map: Planning Area	MAP - 15-1239 Population Structure Resident Chinook SJI.docx	05/15/2015
Photo	chinook_gallery.jpg	05/15/2015
Salmon Project Proposal	PROPOSAL - 15-1239 Resident Chinook.docx	05/15/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	05/15/2015	Michael Schmidt	Mike and Byron, let us know if you need anything else. Thank you, as always!
Preapplication	04/13/2015		

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. (Michael Schmidt, 05/15/2015)