

## Project #16-2112, Seahorse Siesta Barge Removal ESRP

Current Status: Application Submitted

### Project Details

<b>Primary Sponsor:</b> Northwest Straits Marine Conservation Foundation	<b>Primary Contact:</b> Lisa Kaufman (360) 733-1725 Ext 6 kaufman@nwstraitsfoundation.org
<b>Funding Program:</b> Estuary & Salmon Restoration	<b>Lead Entity:</b> Island County Lead Entity
<b>Project Type:</b> Restoration	

### Project Description

This site, in the form of an old barge, is located at the toe of a feeder bluff at the Seahorse Siesta Community Beach in Langley, WA. The barge encompasses 136 linear feet of armor that extends 98 feet out onto the beach and encumbers 0.25 acres of intertidal habitat from the toe of the feeder bluff. Removal will also include approximately 70 to 100 cubic yards of vertical concrete wall and fill from within the barge area. The drift cell originates 1.4 miles to the northwest of site and ends approximately 2.4 miles from the site at Sandy Pt east of Langley. 61.8% of drift cell is downdrift from site. The structure is located on a community-owned parcel as well as State-owned aquatic lands waterward of MHHW. The project will complete final designs, develop bid documents, implement and complete construction, and support pre- and post construction monitoring conducted by professionals as well as citizen scientists. The community association is supportive of this project. The main elements of the designs for coastal habitat enhancement and feeder bluff restoration are full armor removal which includes bulkhead, barge, and fill removal and lower bluff grading as well as installation of a small rockery above MHHW to maintain the existing beach access for the community.

### Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
<b>Nearshore</b>	
Primary nearshore process	Sediment supply and transport
Secondary nearshore process	None
Shoreforms	Beaches
<b>Completion Date</b>	
Projected date of completion	6/30/2019
<b>Sponsor Match: Monetary Funding</b>	
Amount of other monetary funding (A.12)	\$146,811.00
Project identifier for the other monetary funding (A.12.b)	To be determined
Source of other monetary funding (A.12.a)	N/A
<b>Sponsor Match: Donated Un-paid Labor (volunteers)</b>	
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
<b>Sponsor Match: Donated Paid Labor</b>	
Value of Donated Paid Labor (A.13.b.1)	\$0.00
Source of Donated Paid Contributions (A.13.b.2)	N/A
<b>Sponsor Match: Other In-kind Contributions</b>	
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	
Estuary & Salmon Restoration (FY2017)	\$363,346	71.22 %	Appropriation \ Cash	\$146,811
Sponsor Match	\$146,811	28.78 %		
Total Project Funding	\$510,157	100.00 %		
<b>Project Cost Summary</b>		<b>Project %</b>	<b>Admin/A&amp;E %</b>	<b>Maximum for Selected Program</b>
<b>RESTORATION COSTS</b>				
Restoration	\$436,086			
A&E	\$74,071		16.99 %	\$130,826(30%)
Subtotal	\$510,157	100.00 %		
<b>Total Cost Estimate</b>	\$510,157	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: 48.04362744  
-122.42481041

## Worksite #1: Seahorse Siesta Barge Removal

Coordinates from Mapped Point: Latitude: 48.04362744 Longitude: -122.42481041  
Coordinates from Worksite Latitude: 48.042193 Longitude: -122.424454  
Directions:

**Worksite Description:** The Seahorse Siesta site is a community owned beach and feeder bluff located north of Langley, Whidbey Island. Tidelands waterwater of MHHW are state-owned aquatic lands. A large derelict barge and bulkhead extends 98 feet out onto the beach from the toe of the bluff covering 10,800 square feet of intertidal habitat. The project will remove the barge and bulkhead to restore feeder bluff and nearshore processes. Pre and post construction biological and physical monitoring will be included to assess the impacts of shoreline armor and removal.

**Site Access Directions:** From Langley, head north on Second Street to Saratoga Road. Turn right onto Strawbridge Lane.

**Worksite Address:**  
4654 Strawbridge Lane  
Langley, WA 98260

## Restoration 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, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-Odd year ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	None	
Miles Of Stream Treated/Protected (C.0.b)	0.00	
Project Identified In a Plan or Watershed Assessment (C.0.c)	WRIA 6 4-year Workplan; Puget Sound Action Agenda 2016 Update-Near Term Action	
Type Of Monitoring (C.0.d.1)	Implementation Monitoring	
Monitoring Location (C.0.d.2)	Onsite	
<b>Estuarine / Nearshore Project</b>		
Total Amount Of Estuarine / Nearshore Acres Treated (C.9.b)	0.3	
<b>Shoreline armor removal or modification (C.9.k.1)</b>		
Total cost for Shoreline armor removal or modification		\$421,086.00
Miles of Shoreline Treated for armor modification/removal (C.9.k.2)	0.03	
Acres of Shoreline Treated for armor modification/removal (C.9.k.3)	0.3	
<b>Cultural Resources</b>		
<b>Cultural resources</b>		
Total cost for Cultural resources		\$15,000.00
Acres surveyed for cultural resources	0.30	
<b>Architectural &amp; Engineering</b>		
<b>Architectural &amp; Engineering (A&amp;E)</b>		
Total cost for Architectural & Engineering (A&E)		\$74,071.00

## Restoration Questions

- 1 of 6

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, To be completed by July 2016.
- 2 of 6

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?  
Limited use by Seahorse Siesta Community Association for beach access. Much of the structure is dilapidated and dangerous to walk on.
- 3 of 6

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

- 4 of 6

**Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gravel, etc.) as part of this project? This includes hand or mechanized tools, for example: shovel, auger, pick axe, backhoe, etc. Also include specific information including length, width, and depth of the ground disturbance that will be required for all proposed work, if known. Please avoid subjective phrases such as “ground disturbing activities will be minor”.**

Heavy equipment will access the site via barge and will deconstruct the barge and bulkhead structure. Some excavation will be required to place the rockery on site. A portion will need to be placed below grade for stability. The entire structure is approximately 93 feet from the toe of the bluff and 132 alongshore.
- 5 of 6

**Give street address for this worksite if available.**

Work will be completed at the base of the bluff near 4654 Strawbridge Lane, Langley.
- 6 of 6

**Are there any structures existing on the property (including tidegates, dikes, etc.)? If so, please list all existing structures. Indicate if any of these structures will be altered or demolished as a result of the project, and provide the following information for each structure that could be altered or demolished: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photo of each of the proposed altered structures.**

Yes, The structure planned for removal is the only structure present.

## Property for Seahorse Siesta Barge Removal Worksite #1: Seahorse Siesta Community

**Activity:** Restoration

**Landowner**  
Seahorse Siesta Community Association  
4654 Strawbridge Lane  
Langley, WA 98260

**Control and Tenure**  
**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years (10 years)  
**Expiration Date:**  
**Note:**

**Landowner Type:** Private

## Overall Project Questions

- 1 of 9

**Is any part of the scope of work included in this application required as mitigation for another project or action? E.g. FERC relicensing, Habitat Conservation Plan, legal settlement, etc. If yes, explain:**

No
- 2 of 9

**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](http://www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf))**

Yes, DNR has been contacted. Acknowledgement form is attached.
- 3 of 9

**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
- 4 of 9

**Do your organizational documents (charter, bylaws, or articles of incorporation) provide for an equivalent successor organization in case the nonprofit dissolves?**

Yes
- 5 of 9

**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
- 6 of 9

**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
- 7 of 9

**Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number?**

602 127 534
- 8 of 9

**What date was your organization created?**

6/1/2001
- 9 of 9

**How long has your organization been involved in salmon and habitat conservation?**

6/1/2001

## Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Aquatic Lands Use Authorization				
Archeological & Cultural Resoures (EO 05-05)				
Clear & Grade Permit				
Cultural Assessment [Section 106]				
Endangered Species Act Compliance [ESA]				
Hydraulics Project Approval [HPA]				
Nationwide Permit				
SEPA				
Water Quality Certification [Section 401]				

**Permit Questions**

- 1 of 2 **If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.**  
Yes, Pre-application meeting has been held.
- 2 of 2 **Are you planning on using the federal permit streamlining process (Limit 8, [www.rcow.wa.gov/documents/fact\\_sheets/Permit\\_Streamlining\\_fact\\_sheet.pdf](http://www.rcow.wa.gov/documents/fact_sheets/Permit_Streamlining_fact_sheet.pdf))?**  
No, Does not apply to nearshore projects.

## Project Attachments

**Required Attachments****7 out of 7 done**

Authorizing Resolution/Application Authorization	<input checked="" type="checkbox"/>
Budget Worksheet	<input checked="" type="checkbox"/>
Landowner acknowledgement form	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
Project and Budget Narrative	<input checked="" type="checkbox"/>
Visual Scope of Work	<input checked="" type="checkbox"/>

**Photos**

Attachment Type	Title	Attach Date
Authorizing Resolution/Application Authorization	Appendix_J_Application_Auth_Form_SeahorseSiesta-#16-2112.pdf	05/18/2016
Budget Worksheet	Seahorse Siesta_ESRP Cost Estimate1.xlsx	05/17/2016
Design document	14-016T8_SeahorseSiesta_Partail_Removal-CGS_150624.pdf	05/14/2016
Map: Restoration Worksite	SeahorseSiesta_locationmap_16-2112.pdf	05/14/2016
Photo	IMG_3910.SiestaSeahrs.NEcorner.bulkhd.03.14.16.jpg	05/14/2016
Photo	sea-wall-closeup-72dpi.jpg	05/14/2016
Project and Budget Narrative	2016 ESRP_SeahorseSiesta_Narrative.pdf	05/17/2016
Project plan document	14-016 - Seahorse Siesta - Project Description - 150716 - Me.pdf	05/14/2016
Visual Scope of Work	Visual Scope_SeahorseSiesta.pdf	05/18/2016

## Application Status

**Application Due Date:** 07/21/2016

Status	Status Date	Name	Notes
Application Submitted	05/18/2016	Lisa Kaufman	Requested information changed during the submittal process including removal of indirect budget category. Budget worksheet and PRISM info may not match at this point. Final proposal budget will be revised as needed.
Preapplication	05/11/2016		

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. (Lisa Kaufman, 05/18/2016)