WASHINGTON STATE Recreation and Conservation Office

Project Application Report

Project #15-1165, Pressentin Park Restoration Phase 2 and 3

Current Status: Application Submitted

Project Details

Primary Sponsor: Skagit Fisheries Enhancement Group
Secondary Sponsor: Skagit County Parks & Recreation
Funding Program: Puget Sound Acq. & Restoration
Project Type: Restoration

Primary Contact: Susan Madsen
(360) 336-0172
smadsen@skagitfisheries.org
Lead Entity: Skagit Watershed Council Lead Entity

Project Description

The Pressentin Park Side Channel Restoration project will restore and enhance historic and existing side channel habitat in Pressentin Park, located in Marblemount, Washington. The project will re-configure a relict side channel so that it is activated by the current flow regime, providing an 2500-foot long flow-through channel that provides more than 2 acres of rearing habitat for juvenile Chinook, steelhead and other salmon species. Our analyses indicate that the restored channel may also provide spawning habitat for coho and chum. In Phase 1 of this project, Skagit Fisheries Enhancement Group (SFEG) worked with Skagit County Parks, the Upper Skagit Indian Tribe and Sauk-Suiattle Tribes, Equinox Research and Consulting and Herrera Environmental Consultants, Inc. to evaluate three alternatives for restoring side channel habitat. Phase 1 work also included an intensive cultural resources assessment along the relict side channel that is the target restoration area.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	12/31/2018
Sponsor Match: Monetary Funding	
Amount of other monetary funding (A.12)	$0.00
Project identifier for the other monetary funding (A.12.b)	NA
Source of other monetary funding (A.12.a)	NA
Sponsor Match: Donated Un-paid Labor (volunteers)	
Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	$10,000.00
Source of Donated Un-paid labor contributions (A.13.a.4)	Washington Conservation Corps (WCC) from Washington Department of Ecology. Volunteer planting parties; Concrete Middle School service learning project
Sponsor Match: Donated Paid Labor	
Value of Donated Paid Labor (A.13.b.1)	$20,000.00
Source of Donated Paid Contributions (A.13.b.2)	Skagit County Parks administration, Landscape Architect paid for by Skagit County Parks
Sponsor Match: Other In-kind Contributions	
Value of Other In-Kind Contributions (A.13.c.1)	$285,000.00
Source of Other In-Kind Contributions (A.13.c.3)	SFEG - $10,000 Skagit County Parks/Public works - $275,000
Description of other In-Kind contributions (A.13.c.2)	Plants donated for potting parties from SFEG nursery; original purchase by ALEA Spoils disposal for excavated material at Skagit County Pit or other property

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Puget Sound Acq. & Restoration	$1,780,141	84.97 %		Donated Labor	$40,000
Sponsor Match	$315,000	15.03 %	15%	Grant - Local	$275,000
Total Project Funding	$2,095,141	100.00 %			

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
RESTORATION COSTS				
Restoration	$1,867,121			
A&E	$228,020		12.21 %	$560,136 (30%)
Subtotal	$2,095,141	100.00 %		
Total Cost Estimate	$2,095,141	100.00 %		

Worksites and Properties

County: Skagit

Legislative Districts 2012: 39
Congressional Districts 2012: 01
Salmon Recovery Regions: Puget Sound
DNR Watershed Units (WAU): Diobsud Creek
4th Field Catalog Units (HUC): Upper Skagit
WRIA: Upper Skagit
Sections: 18
Township: T35NR11E
Coordinates: 48.52398755
-121.43501554

Worksite #1: Pressentin Park

Coordinates from Mapped Point:	**Latitude:**	48.52398755	**Longitude:**	-121.43501554
Coordinates from Worksite Directions:	**Latitude:**	48.526418	**Longitude:**	-121.433999

Worksite Description: Pressentin Park is owned by Skagit County Parks and Recreation and consists of 40 acres of undeveloped land. Most of the property is located within the 100 year floodplain of the Skagit River at the confluence of the Cascade River. Phase 2 will include further analysis of the site archaeology, bathymetry and hydrologic flow at the site. Phase 3 will involve construction and re-connection of the relic side channel and subsequent riparian restoration and planting of the disturbed areas.

Site Access Directions: From the city of Sedro Woolley, travel east on State Route 20 for approximately 40 miles to the town of Marbglemount. Park at the Shell Station on the south side of the road and access the park via the mowed walking trails.

Worksite Address:
60060 State Route 20
Marblemount, WA 98237

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)	Bull Trout, Cutthroat, Searun Cutthroat	
Miles Of Stream Treated/Protected (C.0.b)	0.50	
Project Identified In a Plan or Watershed Assessment (C.0.c)	Skagit River System Cooperative and Washington Department of Fish and Wildlife, 2005. Skagit Chinook Recovery Plan. Olympia, WA. Beamer, E., T. Beechie, B. Perkowski and J. Klocha. 2000. Application of the Skagit Watershed Council's Strategy. River basin analysis of the Skagit and Samish River Basins; tools for salmon habitat restoration and protection. Skagit Watershed Council, Mount Vernon, WA.	
Type Of Monitoring (C.0.d.1)	Implementation Monitoring	
Monitoring Location (C.0.d.2)	Onsite	
Instream Habitat Project		
Total Miles Of Instream Habitat Treated (C.4.b)	0.50	
Channel reconfiguration and connectivity (C.4.c.1)		
Total cost for Channel reconfiguration and connectivity		$1,746,521.00
Type of change to channel configuration and connectivity (C.4.c.2)	Creation/Connection to Off-Channel Habitat	
Miles of Stream Treated for channel reconfiguration and connectivity (C.4.c.3)	0.50	
Miles of Off-Channel Stream Created (C.4.c.4)	0.50	
Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)	2.0	
Instream Pools Created/Added (C.4.c.6)	0	
Riparian Habitat Project		
Total Riparian Miles Streambank Treated (C.5.b.1)	0.50	
Total Riparian Acres Treated (C.5.b.2)	11.0	
Planting (C.5.c.1)		
Total cost for Planting		$78,600.00
Species Of Plants planted in riparian (C.5.c.2)	Thuja plicata, Tsuga heterophylla, Pseudotsuga menziezeii, Picea sitchensis	
Acres Planted in riparian (C.5.c.3)	11.0	
Miles of streambank planted (C.5.c.4)	0.50	
Average Riparian Width	100	
Cultural Resources		
Cultural resources		
Total cost for Cultural resources		$20,000.00

Acres surveyed for cultural resources	16.00	

Permits

Obtain permits

Total cost for Obtain permits		$22,000.00
Number of permits required for implementation of project	5	

Architectural & Engineering

Architectural & Engineering (A&E)

Total cost for Architectural & Engineering (A&E)		$228,020.00

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.**
Yes, The Upper Skagit Indian Tribe have been working with SFEG to identify sensitive cultural resources as part of project design. Equinox Research and Consulting completed a preliminary cultural resources assessment during the summer of 2014. Additonal surveys are planned as part of Phase 2 as access routes, staging areas and specific project grading limits are identified.

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?**
Pressentin Park is currently undeveloped. Historically, the land was altered during the construction of Highway 20 on the north side of the park and the construction of the Cascade River Bridge at the northeast corner of the park. If there is fill it is unknown, although installation of the piezometers revealed mostly river deposition of cobble and silt in the restoration area.

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.**
Yes, Pressentin Park is locally owned by Skagit County Parks and Recreation.

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".**
Upon approval, SFEG will contract a licensed contractor that will excavate the inlet and outlet of the historical relic channel. The work will require the use of heavy equipment such as excavators. The project will also include planting native trees and shrubs using hand tools (excavation depth about 18").

5 of 6 **Give street address for this worksite if available.**
60060 State Route 20 Marblemount, WA 98237

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, There is an old barn and shed on the terrace above the project area that was included in the cultural assessment. These will not be disturbed during construction.

Property for Pressentin Park Worksite #1: Pressentin Park

Activity: Restoration

Landowner
Skagit County Parks & Recreation
P.O. Box 1326
Mount Vernon, WA 98273

Landowner Type: Local Government

Control and Tenure
Instrument Type: Landowner Agreement
Purchase Type:
Term Length: Fixed # of years (10 years)
Expiration Date: 12/31/2025
Note:

Overall Project Questions

1 of 5 **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, NA

2 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, NA

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)**
No, The worksite is currently outside of the OHWM of the Skagit River

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.**
NA

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.**
Donated labor will be provided by volunteers participating in community planting parties, a school group from the Concrete Middle School completing a service Learning project(planting and/or sign installation), and from local service clubs who will assist with trail construction. Skagit County is donating the value of the

Parks Director who will participate in all phases of project scoping, design review, permitting etc. They will also retain the Services of a Landscape Architect to provide input on trail re-routes, pedestrian bridge designs, signage etc. A Department of Ecology WCC Crew will also assist with construction and planting work. The crew is part of the AmeriCorps program, and are considered volunteers. The Department of Ecology cost-shares this crew with SFEG, and thus the Ecology share counts as donated labor./

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Archeological & Cultural Resoures (EO 05-05)	05/31/2016			
Building Permit	05/31/2016			
Clear & Grade Permit	05/31/2016			
Endangered Species Act Compliance [ESA]	05/31/2016			
Hydraulics Project Approval [HPA]	05/31/2016			
Nationwide Permit	05/31/2016			
SEPA	05/31/2016			
Shoreline Permit	05/31/2016			
Water Quality Certification [Section 401]	05/31/2016			

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, The project will involve excavation within the floodplain and planting along the newly created channel. Heavy equipment may siturb soils when travelling to and from the work area. In additional, i if hydraulic modelling suggests that it is feasible and permitting agenciues approve, some of the excavated material may be stored on site (project will be required to demonstrate a net removal of floodplain fill). Finally, Parks may identify additional components (e.g. picnic areas) that will be completed concurrently with the proposed project, but which are not part of the scope of work for this grant. Permit applications will cover ALL ground disturbing activities.

2 of 2 **Are you planning on using the federal permit streamlining process (Limit 8, www.rco.wa.gov/documents/fact_sheets/Permit_Streamlining_fact_sheet.pdf)?**
Yes, We believe the project is consistent with the USACE Nationwide Permit requirements and thus plan on requesting permit via the federal streamlining process. We will NOT request a streamlined process from WDFW because of the size of the project, and the fact that it includes development of pedestrian bridges which require County Permit review.

Project Attachments

Required Attachments	5 out of 5 done
Cost Estimate	☑
Map: Area of Potential Effect (APE)	☑
Map: Restoration Worksite	☑
Photo	☑
Salmon Project Proposal	☑

Photos

Attachment Type	Title	Attach Date
Agreement - Federal	15-1165 COMMUNITY IMPACT responses.pdf	06/16/2015
Cost Estimate	SRFB_Cost_Estimate.Pressentin.052615.xlsx	06/02/2015
Cost Estimate	Construction Cost Estimate_20150313.pdf	04/09/2015
Design document	Concept & Prelimin Design Report 06-26-15.pdf	07/15/2015
Design document	Pressentin Park 2015-03-30.pdf	04/09/2015
Design document	Conceptual & Prelimin Design 03-31-15.pdf	04/07/2015
Map: Restoration Worksite	Restoration Worksite.jpg	04/02/2015
Photo	P1070592.jpg	07/15/2015
Photo	P1070582.jpg	07/15/2015
Photo	P1070586.jpg	07/15/2015
Photo	P1070587.jpg	07/15/2015
Photo	P1070588.jpg	07/15/2015
Photo	P1070591.jpg	07/15/2015
Photo	P1070581.jpg	07/15/2015
Photo	PC020020.jpg	04/02/2015
Photo	Piezometer Installation.jpg	04/02/2015
Project Application Report	Application Report, 15-1165R (submitted 07/15/15 13:12:35).pdf	07/15/2015
Salmon Project Proposal	Project Proposal_Pressentin Park Side Channel Phase2&3.revis.pdf	06/02/2015

Application Status

Application Due Date: 02/21/2014

Status	Status Date	Name	Notes

Application Submitted	07/16/2015	Marc Duboiski
Preapplication	03/25/2015	

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. (Marc Duboiski, 07/16/2015)

Date of last change: 07/16/2015