

## Project #15-1074, Cowling Creek Culverts Replacement Feasibility

Current Status: Application Submitted

### Project Details

**Primary Sponsor:** Mid-Puget Sound Fisheries Enhancement Group

**Primary Contact:** Troy Fields  
(206) 529-9467  
troy@midsoundfisheries.org

**Funding Program:** Salmon State Projects

**Lead Entity:** West Sound Watersheds Council Lead Entity

**Project Type:** Planning

### Project Description

Mid Puget Sound Fisheries Enhancement Group seeks funds to conduct a Feasibility Study for replacement of two 36" salmon-blocking culverts located on Cowling Creek where it runs under Miller Bay Road NE about 1.5 miles north of Suquamish, WA. The long term project goals are: to restore naturally spawning fish in Cowling Creek by removing a 100% fish blocking culvert at the mouth of the creek; restore natural estuarine processes such as tidal influence of the stream and LWD passage from upstream to the estuary; and allow other wildlife to safely pass under the road. The project will result in a time, space and location assessment. The priority fish species supported by the project would be chum, coho, steelhead, and cutthroat populations. If restoration proves feasible and is completed in a future phase, the project would provide continuous fish access to 4.44 miles of fish-bearing habitat upstream of the blockage (per Wild Fish Conservancy Stream Typing Study). In addition, this project would enhance an important community connection to salmon. Cowling Creek is one of three advertised publicly-accessible salmon viewing sites in Kitsap County, and many residents of the area came to view the 2,112 adult salmon that returned to spawn in 2014 and Suquamish Elementary students walk from their school to observe naturally spawning adult chum salmon.

### Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
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#### Completion Date

Projected date of completion	12/31/2016
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#### Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12)	\$12,000.00
Project identifier for the other monetary funding (A.12.b)	n/a
Source of other monetary funding (A.12.a)	n/a

#### 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	\$68,000	85.00 %		Appropriation \ Cash	\$12,000
Sponsor Match	\$12,000	15.00 %	15%		
Total Project Funding	\$80,000	100.00 %			

#### Project Cost Summary

##### PLANNING COSTS

	Project %	Admin/A&E %	Maximum for Selected Program
Planning	\$80,000		
A&E	\$0	0.00 %	\$24,000 (30%)
Subtotal	\$80,000	100.00 %	
<b>Total Cost Estimate</b>	<b>\$80,000</b>	<b>100.00 %</b>	

### Worksites and Properties

County: Kitsap

Legislative Districts 2012: 23

**Congressional Districts 2012:** 06  
**Salmon Recovery Regions:** Puget Sound  
**DNR Watershed Units (WAU):** POULSBO  
**4th Field Catalog Units (HUC):** KITSAP  
**WRIA:** Kitsap  
**Sections:** 16  
**Township:** T26NR02E  
**Coordinates:** 47.74714542  
 -122.56078134

## Worksite #1: Cowling Creek Estuary

**Coordinates from Mapped Point:**                      **Latitude:** 47.74714542                      **Longitude:** -122.56078134  
**Coordinates from Worksite**                      **Latitude:** 47.746683                      **Longitude:** -122.559953  
**Directions:**

**Worksite Description:** The culverts under consideration are under Miller Bay Road. Activities at the site will include geotechnical assessments, cross sections and a stream profile survey in order to assess the feasibility of replacing the culvert.

**Site Access Directions:** Coming from Suquamish, Suquamish Way NE turns slightly left and becomes Augusta Ave NE. Continue onto Miller Bay Rd.

**Worksite Address:**

## Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Cutthroat, Searun Cutthroat	
Area Encompassed (acres) (B.0.b.1)	0.9	
Miles of Stream Affected (B.0.b.2)	0.15	

### Restoration Planning And Coordination Project

#### Conducting habitat restoration scoping and feasibility studies (B.1.b.8)

Description of the Plan (B.1.b.8.b)	A time, space & location report for replacement of undersized and fish blocking culverts. The ultimate result of this plan will be conceptual design of the chosen design alternative. The purpose of the plan is to inform the final design during Phase 2 of this project's development.	
Name of the Plan (B.1.b.8.a)	Cowling Creek Estuary Culvert Replacement T, S, & L Report.	
Total cost for Conducting habitat restoration scoping and feasibility studies		\$80,000.00

### Cultural Resources

#### Cultural resources

Total cost for Cultural resources		\$2,000.00
Acres surveyed for cultural resources	0.01	

## 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, We are not aware of any cultural resources investigation in the roadway in which we will be working.
- 2 of 4 Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)**

Yes, Geotechnical (at test 1 boring) within the Miller Bay Road prism, extending into suspected native soil.
- 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?**

The site is within the Kitsap County Miller Bay Road right-of-way. The property immediately downstream is in private ownership. The property immediately upstream is owned by the Suquamish Tribe. Both the upstream and downstream properties could be used for staging and other construction related activities. Both are supportive of the project.
- 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, Miller Bay Road is a public roadway and is owned by Kitsap County. However, the property immediately upstream of the road, and likely staging/office area includes the Cowling Creek Center, the home of the Suquamish Tribe's salmon recovery research, education & outreach program. The Center is dedicated to combining science & stewardship to conserve and restore Pacific salmon & steelhead populations and their habitats. Moving upstream still, The 42 acre Cowling Creek Forest Preserve includes trails through the mature forest and riparian corridor of Cowling and North Cowling Creeks. The forested property filters and moderates creek flow and provides a corridor for wildlife connecting the forest with the nearshore-marine environment. Up to 30,000 chum salmon return to Cowling Creek each fall to spawn. Bear, eagle, and river otter feed on these salmon and find refuge on the land. The Suquamish Tribe, Great Peninsula Conservancy, and Friends of Miller Bay work together to ensure that all activities within the preserve are consistent with conservation values and the protection of the natural resources. Educational opportunities are provided in partnership with the Suquamish Tribe, local organizations, and educational institutions.

# Property for Cowling Creek Estuary Worksite #1: Kitsap County DPW Right-of-way

**Activity:** Planning

**Landowner**

Kitsap County Public Works  
614 Divison St MS 26A  
Port Orchard, WA 98366-4685

**Landowner Type:** Local Government

**Control and Tenure**

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

# Property for Cowling Creek Estuary Worksite #1: Paul Dorn

**Activity:** Planning

**Landowner**

Paul Dorn  
PO Box 76 20428 Miller Bay Rd NE  
Suquamish, WA 98392

**Landowner Type:** Private

**Control and Tenure**

**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years  
**Expiration Date:**  
**Note:**

# Property for Cowling Creek Estuary Worksite #1: RCH Realty LLC

**Activity:** Planning

**Landowner**

RCH REALTY LLC  
7100 NE WILLIAM ROGERS RD  
Indianola, WA 98342

**Landowner Type:** Private

**Control and Tenure**

**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years  
**Expiration Date:**

**Note:** The landowner agreement would be secured before the restoration began, but for the feasibility portion of the project we'd just get permission to gain access.

# Property for Cowling Creek Estuary Worksite #1: Suquamish Tribe

**Activity:** Planning

**Landowner**

Suquamish Tribe  
PO Box 498  
Suquamish, WA 98392

**Landowner Type:** Tribal Government

**Control and Tenure**

**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years  
**Expiration Date:**  
**Note:**

## 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.  
No, n/a
- 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.  
Geotechnical (at lest 1 boring) within the Miller Bay Road prism, extending at least 10 feet into suspected native soil.
- 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](http://www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf))  
No, n/a
- 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.  
Regional Fisheries Enhancement Group funds, administered through a contract between Mid Sound FEG and WA Dept. of Fish and Wildlife
- 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
Archeological & Cultural Resources (EO 05-05)				
Cultural Assessment [Section 106]				
Dredge/Fill Permit [Section 10/404 or 404]				
Endangered Species Act Compliance [ESA]				
Hydraulics Project Approval [HPA]				
Water Quality Certification [Section 401]				
Other Required Permits	04/01/2016			

## 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	BEF.pdf	04/16/2015
Application Review Report	Application Review Report, 15-1074P(rtnd 08/24/15 12:46:16).pdf	08/24/2015
Cost Estimate	SRFB_Cost_Estimate DRAFT 4-1-2015.xlsx	04/01/2015
Inspection Report	site visit 4.21.2015.pptx	04/24/2015
Letters of Support	Cowling Creek Support Letter from Kitsap Co 8-12-15.pdf	08/14/2015
Map: Planning Area	Parcels surrounding project site.jpg	08/26/2015
Map: Planning Area	Barriers of Cowling Creek.pdf	08/14/2015
Map: Planning Area	Cowling map 2.jpg	03/31/2015
Photo	Upstream 2.jpg	03/31/2015
Photo	Upstream 1.jpg	03/31/2015
Photo	Cowling high tide.jpg	03/31/2015
Photo	Cowling low tide.jpg	03/31/2015
Photo	Historic Miller Bay.jpg	03/30/2015
Project Application Report	Application Report, 15-1074P (submitted 08/17/15 10:14:18).pdf	08/17/2015
Salmon Project Proposal	Cowling Creek Feasibility Project Proposal 8-25-15 v2.docx	08/25/2015
Salmon Project Proposal	Cowling Creek Feasibility Project Proposal FINAL.docx	04/01/2015
Visuals	Cowling TAG Presentation FINAL 5-2015.pptx	05/13/2015
WDFW barrier & screening forms	Cowling Creek 900008 SPI.xls	03/31/2015

## Application Status

**Application Due Date:** 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/26/2015	Antonia Jindrich	Elizabeth- This seems positive -- I've never gotten a box to allow me to add a note before! I have tried, to the very best of my ability, to address all your comments. Please don't hesitate to let me know of any further questions you might have in reviewing our application. Thank you for all your help, and for allowing us the extra time to clean up our application. Regards, Antonia
Application Returned	08/24/2015	Elizabeth Butler	
Application Submitted	08/17/2015	Elizabeth Butler	Submitting on behalf of sponsor as their system is not allowing the project to be submitted.
Preapplication	02/26/2015		

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. (Antonia Jindrich, 08/26/2015)