

Project #15-1079, Crescent Creek Culvert Feasibility Study

Current Status: Application Submitted

Project Details

Primary Sponsor: South Puget Sound Salmon Enhancement Group

Primary Contact: Kristin Williamson
(360) 412-0808 103
kristinw@spsseg.org

Funding Program: Salmon State Projects

Lead Entity: West Sound Watersheds Council Lead Entity

Project Type: Planning

Project Description

South Puget Sound Salmon Enhancement Group will complete a feasibility study to replace the culvert at Crescent Creek, a direct tributary to Puget Sound flowing approximately 3 miles from Crescent Lake to Gig Harbor. Crescent Creek enters Puget Sound in the northeast corner of Gig Harbor through an undersized culvert under 96th Street NW/Vernhardson Street. Crescent Creek supports fall Chinook salmon, winter steelhead, fall chum and coho. The culvert restricts tidal flow, inhibits fish passage at some tidal elevations, and fragments the estuary. This project would complete a feasibility study to evaluate fish passage, tidal hydrology, and estuarine function to prescribe a design for a new structure to restore fish passage and tidal hydrology. This project was identified as a priority by the WRIA 15 Prioritization and Development project (06-2271) and would build upon restoration work recently complete on the other side of the Harbor on Donkey Creek.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	7/31/2017
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)	\$2,000.00
Source of Donated Un-paid labor contributions (A.13.a.4)	Crescent Valley Alliance and private citizens
Sponsor Match: Donated Paid Labor	
Value of Donated Paid Labor (A.13.b.1)	\$8,000.00
Source of Donated Paid Contributions (A.13.b.2)	City of Gig Harbor
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)	na
Description of other In-Kind contributions (A.13.c.2)	na

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	\$56,500	84.96 %		Donated Labor	\$10,000
Sponsor Match	\$10,000	15.04 %	15%		
Total Project Funding	\$66,500	100.00 %			

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS				
Planning	\$66,500			
A&E	\$0		0.00 %	\$19,950 (30%)
Subtotal	\$66,500	100.00 %		
Total Cost Estimate	\$66,500	100.00 %		

Worksites and Properties

County: Pierce

Legislative Districts 2012: 26

Congressional Districts 2012: 06

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): Puget
4th Field Catalog Units (HUC): KITSAP
WRIA: Kitsap
Sections: 32
Township: T22NR02E
Coordinates: 47.34548342
-122.58297924

Worksite #1: Crescent Creek Estuary

Coordinates from Mapped Point: Latitude: 47.34548342 Longitude: -122.58297924
Coordinates from Worksite: Latitude: 47.345833 Longitude: -122.582207
Directions:

Worksite Description: The project is located at 3303 Vernhardson St, Gig Harbor, WA 98332. We will be conducting a feasibility study which will included some survey work onsite, development of design alternatives, meeting and stakeholder coordination, and development of a preferred alternative and conceptual design report.

Site Access Directions: From Olympia follow I-5 North to WA-16W. Take the Wollochet Drive NW exit from WA-16W. Follow Stinson Ave and Harborview Drive to 96th St. NW/Vernhardson St. End at the City Park.

Worksite Address:
3303 Vernhardson St,
Gig Harbor, WA 98332

Planning 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, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Cutthroat, Rainbow, Searun Cutthroat	
Area Encompassed (acres) (B.0.b.1)	2.5	
Miles of Stream Affected (B.0.b.2)	0.10	

Equipment

Purchase miscellaneous equipment		
Total cost for Purchase miscellaneous equipment		\$500.00
Number of miscellaneous equipment items	1	
Describe the miscellaneous equipment being purchased	Cost share of a computer for project management	

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)	This report will summarize a restoration feasibility assessment documenting survey results, alternatives analysis, stakeholder review and a conceptual design will be completed for the preferred alternative.	
Name of the Plan (B.1.b.8.a)	Crescent Creek Estuary Restoration Feasibility and Conceptual Design Report.	
Total cost for Conducting habitat restoration scoping and feasibility studies		\$61,000.00

Cultural Resources

Cultural resources		
Total cost for Cultural resources		\$5,000.00
Acres surveyed for cultural resources	2.50	

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.
No, This project includes a Cultural Resources Assessment to inform cultural resources on site.
- 2 of 4** Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)
Yes, Some geotechnical borings will be required. We will acquire the services of a professional archeologist to complete a planning level cultural analysis and coordinate the cultural explorations with the geotechnical work.
- 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 a public park and a street right of way. The extent and nature of historical ground disturbance is unknown.
- 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.
Yes, City of Gig Harbor owned park (Crescent Creek Park)

Property for Crescent Creek Estuary Worksite #1: 96th Street NW Gig Harbor

Activity: Planning

Landowner

Gig Harbor Public Works
3510 Grandview St
Gig Harbor, WA 98335

Landowner Type: Local Government

Control and Tenure

Instrument Type: Landowner Agreement

Purchase Type:

Term Length: Fixed # of years

Expiration Date:

Note:

Property for Crescent Creek Estuary Worksite #1: Crecent Creek Park

Activity: Planning

Landowner

City of Gig Harbor
3510 Grandview St
Gig Harbor, WA 98335

Landowner Type: Local Government

Control and Tenure

Instrument Type: Landowner Agreement

Purchase Type:

Term Length: Fixed # of years

Expiration Date:

Note:

Property for Crescent Creek Estuary Worksite #1: DNR State Owned Aquatic Lands

Activity: Planning

Landowner

Department of Natural Resources (DNR)
PO Box 47041
Olympia, WA 98504-7041

Landowner Type: State Government

Control and Tenure

Instrument Type: Public Use Agreement

Purchase Type:

Term Length: Fixed # of years (10 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
- 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.**
Some geotechnical borings maybe required to investigate sediment types in the estuary. The number of sites and depth is unknown at this time. If borings are taken we will coordinate the work with a monitoring archeologist and the Tribes.
- 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
- 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.**
No matching grants.
- 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.**
No donated labor.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Cultural Assessment [Section 106]	09/10/2018			
Endangered Species Act Compliance [ESA]	09/10/2018			
Hydraulics Project Approval [HPA]	09/10/2018			
Nationwide Permit	09/10/2018			
None - No permits Required				

Project Attachments

Required Attachments 5 out of 5 done

- Cost Estimate
- Map: Area of Potential Effect (APE)
- Map: Planning Area
- Photo
- Salmon Project Proposal

Photos

Attachment Type	Title	Attach Date
Application Document	15-1079 Crescent Creek Culvert Feasibility Response to Revie.docx	08/03/2015
Application Document	Application Review Report for Project 15-1079.pdf	05/22/2015
Application Document	BEF.pdf	04/15/2015
Cost Estimate	SRFB_Cost_Estimate_Crescent15-1079_Final.xlsx	08/11/2015
Cost Estimate	SRFB_Cost_Estimate_Crescent15-1079.xlsx	03/25/2015
Design document	Crescent Creek Fish Passage Memo Waterfall Engineering Marc.pdf	03/30/2015
Inspection Report	site visit 4.22.2015.pptx	04/24/2015
Map: Planning Area	Crescent Creek Vicinity Map.pdf	03/28/2015
Photo	ShorelineOutletLUS.jpg	03/24/2015
Photo	CrescentPanoLUS.jpg	03/24/2015
Photo	UpstreamLDS.jpg	03/24/2015
Photo	ChannelEstuaryLDS.jpg	03/24/2015
Salmon Project Proposal	Project Proposal_Crescent15-1079_Final.docx	08/11/2015
Salmon Project Proposal	Project Proposal.docx	03/31/2015
Visuals	Crescent TAG_CAG Presentation 5122015.pptx	05/13/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/11/2015	Kristin Williamson	
Preapplication	02/27/2015		

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. (Kristin Williamson, 08/11/2015)

Date of last change: 08/11/2015