WASHINGTON STATE Recreation and Conservation Office

Project Application Report

Project #15-1159, Chambers Cr Dam Acquisition Feasibility & Planning

Current Status: Application Submitted

Project Details

Primary Sponsor: Forterra
Secondary Sponsor: American Rivers Inc
South Puget Sound Salmon Enhancement Group
Funding Program: Salmon State Projects
Project Type: Planning

Primary Contact: Jordan Rash
(253) 274-5673
jrash@forterra.org

Lead Entity: Pierce County Lead Entity

Project Description

Forterra and its partners propose to conduct acquisition feasibility & restoration planning for acquisition & removal of Chambers Cr Dam in Pierce County. If feasibility is completed and it is determined that removal of the dam can move forward, Forterra and its partners would seek additional funding to 1) acquire the dam, 2) complete the site restoration design, and 3) implement the restoration plan by removing the dam and restoring the land inundated by the impoundment. The dam is located approx. three quarters of a mile upstream from mouth of the Chambers Creek between Lakewood and University Place; it is within the main stem of Chambers Cr and is tidally influenced. It is an impediment to fish passage that results in increased mortality and predation from marine mammals and fish-eating birds. The premise of this proposal is that the Dam will likely be removed or will fail in the next several years, and thus stakeholders should work together proactively to determine how and when it will be removed and the site restored. According to the WRIA 12 salmon recovery plan, removal of the Dam would help restore habitat to the lower four miles of Chambers Creek, particularly for Coho, Steelhead, and Winter Chum. The estuary in which the Dam is located is the major estuarine feature between the Nisqually R. and the Tacoma Narrows. Restoration – particularly the removal of the Dam – would benefit several target species, including coho and chum salmon, steelhead, and smelt.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	3/31/2017
Sponsor Match: Monetary Funding	
Amount of other monetary funding (A.12)	$78,692.00
Project identifier for the other monetary funding (A.12.b)	N/A
Source of other monetary funding (A.12.a)	To be determined
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)	0
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)	0
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)	0
Description of other In-Kind contributions (A.13.c.2)	0

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	$165,727	67.80 %		Grant - Local	$78,692
Sponsor Match	$78,692	32.20 %	15%		
Total Project Funding	$244,419	100.00 %			

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS				
Planning	$244,419			
A&E	$0		0.00 %	$73,326 (30%)
Subtotal	$244,419	100.00 %		
Total Cost Estimate	$244,419	100.00 %		

Worksites and Properties

General Area: three quarters of a mile upstream from the mouth of

the Chambers Creek between Lakewood and University Place in Pierce County

County: Pierce
Legislative Districts 2012: 28
Congressional Districts 2012: 10
Salmon Recovery Regions: Puget Sound
DNR Watershed Units (WAU): Chambers-Clover
4th Field Catalog Units (HUC): KITSAP
WRIA: Chambers-Clover
Sections: 43
Township: T20NR02E
Coordinates: 47.19104442 -122.57412920

Worksite #1: Chambers Creek

Coordinates from Mapped Point:	**Latitude:**	47.19104442	**Longitude:**	-122.57412920
Coordinates from Worksite Directions:	**Latitude:**	47.191468	**Longitude:**	-122.573794

Worksite Description: Chambers Creek Dam is located approximately three quarters of a mile upstream from the mouth of the Chambers Creek to Puget Sound between Lakewood and University Place in WRIA 12. The project location is within the main stem of Chambers Creek and is within tidal influence. The location of the Chambers Creek Dam (the Dam) and the estuary itself have been inhabited by Native American Tribes for thousands of years and is the location of one of the earliest European settlements in Puget Sound.

Site Access Directions: The Chambers Creek Dam is located adjacent to Chambers Creek Road W in University Place. It can be accessed via the road by traveling north from Steilacoom toward University Place, or south from University Place toward Steilacoom.

Worksite Address:

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-unidentified 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)	Searun Cutthroat	
Area Encompassed (acres) (B.0.b.1)	0.1	
Miles of Stream Affected (B.0.b.2)	5.00	
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)	If dam removal is desired and feasible, project partners will develop a dam removal plan that will be implemented in subsequent project phases. The plan would be implemented within 1-3 years from adoption, which would result in the removal of the Chambers Creek Dam as well as restoration of the site following 80 years of impact associated with the dam and industrial uses.	
Name of the Plan (B.1.b.8.a)	To be determined	
Total cost for Conducting habitat restoration scoping and feasibility studies		$236,419.00
Cultural Resources		
Cultural resources		
Total cost for Cultural resources		$8,000.00
Acres surveyed for cultural resources	1.50	

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, The property will be investigated for such resources as part of this feasibility project.

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?**
Current use is as a 12'-high dam. The estuary has been extensively altered over the past 100 years, with the dam being constructed 80 years ago. Fill has likely been used at this site, and was likely place in 1933-1936.

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

Property for Chambers Creek Worksite #1: Chambers Creek Dam

Activity: Planning

Landowner
Chambers Bay LLC
3408 S Union Ave
Tacoma, WA 98409

Landowner Type: Private

Control and Tenure
Instrument Type:
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

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.**
No

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.**
N/A

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, A landowner acknowledgement form has been requested from DNR.

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, Should Forterra dissolve, the WA Department of Fish and Wildlife is identified as a successor.

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.**
N/A - matching funds TBD

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.**
N/A

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?**
Yes, 601185304

9 of 10 **What date was your organization created?**
1989

10 of 10 **How long has your organization been involved in salmon and habitat conservation?**
Since 1989

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
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 Review Report	Application Review Report, 15-1159C(rtnd 04/16/15 17:32:43).pdf	04/16/2015
Correspondence	acquisition ltr to K Caromile_06082015.docx	06/10/2015

Cost Estimate	Chambers Creek Dam_Cost Estimate_08122015.xlsx	08/12/2015
Environmental Site Assessment Report	Chambers_Crk_Dam_Inspection_Report.pdf	07/29/2015
Environmental Site Assessment Report	DamREmovalFeasibility2010 (2).pdf	07/29/2015
Environmental Site Assessment Report	DamREmovalFeasibility2010.pdf	05/13/2015
Environmental Site Assessment Report	Chambers Creek Dam Study_08-19-13 final report.pdf	05/13/2015
Map: Parcel map	aerial vicinity_parcel map.jpg	06/10/2015
Map: Parcel map	Chambers Creek Dam_aerial.jpg	04/14/2015
Map: Planning Area	Chambers Creek Dam_regional context.pdf	08/12/2015
Photo	IMG_0523.jpg	04/14/2015
Photo	Chum caught on walkway.jpg	04/14/2015
Project Application Report	Application Report, 15-1159C (submitted 04/14/15 23:42:11).pdf	04/14/2015
Project plan document	PSNERP_Chptr4.pdf	05/13/2015
Salmon Project Proposal	Appendix_C_PlanningCombProposal_Chambers Creek Dam acquisiti.docx	08/13/2015
Visuals	PriorityMapV2.pdf	08/13/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/13/2015	Jordan Rash	Thank you! Sincerely, Forterra, South Puget Sound Salmon Enhancement Group, Pierce County, and American Rivers
Preapplication	03/23/2015		

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. (Jordan Rash, 08/13/2015)

Date of last change: 08/13/2015