

Project #15-1059, Bear Creek Reach 6 Restoration - Ph II Design

Current Status: Application Submitted

Project Details

Primary Sponsor: Adopt A Stream Foundation

Primary Contact: Walter Rung
(425) 316-8592 111
walterr@streamkeeper.org

Funding Program: Salmon State Projects

Lead Entity: Lake Washington/Cedar/Sammamish
Watershed (WRIA 8) Lead Entity

Project Type: Planning

Project Description

The Adopt A Stream Foundation (AASF) is requesting funds to generate final design deliverables focused on improving habitat conditions in a future restoration project. Grant funding will be used to complete final designs (as described in Manual 18 Appendix D-3) for the second phase of stream restoration at the Friendly Village Mobile Home Park in Redmond, WA along Bear Creek Reach 6. AASF will create a Request for Proposals (RFP) and select a qualified consultant that will be responsible for topographic surveying, hydraulic analysis, preliminary and final designs, cultural resource consultation and permitting assistance. AASF will work closely with the consultant and the landowner to develop designs that will provide the maximum benefit to fish and be acceptable to the landowner. The final design completed with this current funding request will be used for a future restoration project that will directly address priorities for Bear/Cottage Lake Creeks in the WRIA 8 Conservation Strategy for Chinook salmon (threatened), including protecting and restoring riparian vegetation and floodplain connectivity. This project will address these habitat-limiting factors by focusing design on: installing Large Woody Debris, re-vegetating the riparian buffer, increasing flood plain connectivity and re-establishing stream processes. Stakeholders in the design process include: AASF, WRIA 8, permit agencies, and Friendly Village Park landowner.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
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Completion Date

Projected date of completion	12/30/2016
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Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12)	\$0.00
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)	NA

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)	NA
Description of other In-Kind contributions (A.13.c.2)	NA

Project Funding

Funding Request		Funding %	Min Match Required
Salmon State Projects (FY2016)	\$50,000	100.00 %	
Total Project Funding	\$50,000	100.00 %	

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS				
Planning	\$50,000			
A&E	\$0		0.00 %	\$15,000 (30%)
Subtotal	\$50,000	100.00 %		
Total Cost Estimate	\$50,000	100.00 %		

Worksites and Properties

General Area: Bear Creek

County: King

Legislative Districts 2012: 48

Congressional Districts 2012: 01
Salmon Recovery Regions: Puget Sound
DNR Watershed Units (WAU): LAKE WASHINGTON, N
4th Field Catalog Units (HUC): Lake Washington
WRIA: Cedar-Sammamish
Sections: 06
Township: T25NR06E
Coordinates: 47.68251047
-122.09297632

Worksite #1: Bear Creek Reach 6

Coordinates from Mapped Point:	Latitude: 47.68251047	Longitude: -122.09297632
Coordinates from Worksite	Latitude:	Longitude:
Directions:		

Worksite Description: The project starts at Snohomish Drive and continues downstream along Bear Creek for 330' and includes both banks for a total planting area of 1.0 acre. The existing streambanks are nearly vertical with extensive erosion occurring along each bank (see attached photos). The bank erosion is exasperated by the lack on native vegetation with both banks having manicured lawns to the edge of the stream. There is a footbridge that crosses the creek about mid way through the project area. Activities: The major actives at this site will include: topographic surveying, hydraulic analysis, preliminary and final designs, and permitting

Site Access Directions: From 405 take the NE 124th St Exit 20. Turn left onto NE 124th St. Turn right onto Woodinville Redmond Rd NE/WA-202. Continue to follow WA-202. Turn left onto NE 116th St. Turn right onto Avondale Rd NE. Turn left onto NE 95th St. Arrive at 18425 NE 95TH ST, 172 is on the right Private Property call project sponsor (AASF) before visiting site.

Worksite Address:
18425 NE 95th St
Redmond, WA 98052

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Puget Sound ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Cutthroat, Kokanee	
Area Encompassed (acres) (B.0.b.1)	1.0	
Miles of Stream Affected (B.0.b.2)	0.06	

Design for Salmon restoration

Final design and permitting

Total cost for Final design and permitting		\$24,000.00
Name of the Plan	Title: The Bear Creek Reach 6 Phase II Stream Restoration Final Report. Author: TBA Date: 9/2016 Source: TBA Source Address: TBA	

Description of the Plan

The Bear Creek Reach 6 Phase II Stream Restoration Report will determine what the site specific restoration needs are and how to best address these needs. This report will investigate restoration alternatives and determine how to provide the maximum benefit to Chinook Salmon at this location. Final designs will have to be approved by the landowner, AASF and WRIA 8. Landowner concerns will have to be addressed in the final report and will likely influence the final designs.

Preliminary design

Total cost for Preliminary design		\$20,000.00
Name of the Plan	Title: The Bear Creek Reach 6 Phase II Stream Restoration Draft Report. Author: TBA Date: 7/2016 Source: TBA Source Address: TBA	

Description of the Plan

The Bear Creek Reach 6 Phase II Stream Restoration Draft Report will be the precursor to the final report and will determine what the site specific restoration needs are and how to best address these needs. This report will investigate restoration alternatives and will determine how to maximize benefit to Chinook Salmon at this location.

Cultural Resources

Cultural resources

Total cost for Cultural resources		\$6,000.00
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, This specific project location has not been investigated for historical, archeological or cultural resources. However, a previous stream restoration project approximately 300' upstream of this location on the same property has been investigated for cultural resources and there was a determination of no adverse effect (see attached report).

- 2 of 4** Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)
Unknown, Ground disturbing activities will depend on what the consultant feels necessary and what anchoring techniques are considered. It is possible that a geological study, archeological subsurface investigation or test bores maybe needed.
- 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 land use is a mobile home park bisected by Bear Creek. Prior human use at this site is unknown by the applicant. The site was probably logged in the late 19th or early 20th century like the surrounding area and may have been used for agriculture. Surrounding parcels show evidence of agricultural use. Bear Creek is used by most Pacific Salmon species including Chinook. This site is likely used by some salmon species for spawning, and is known as rearing habitat and is utilized for salmon migration.
- 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 Bear Creek Reach 6 Worksite #1: Friendly Village Park

Activity: Planning

Landowner
Matt Marcus
1441 West Bay Dr NW Ste 102
Olympia, WA 98502

Control and Tenure
Instrument Type: Landowner Agreement
Purchase Type:
Term Length: Fixed # of years (10 years)
Expiration Date: 06/01/2025
Note:

Landowner Type: Private

Property for Bear Creek Reach 6 Worksite #1: Sewer Line - Owned by Friendly Village

Activity: Planning

Landowner
Friendly Village
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Control and Tenure
Instrument Type: Landowner Agreement
Purchase Type:
Term Length: Fixed # of years (10 years)
Expiration Date:
Note: Sponsor will secure necessary permits or permissions and coordinate with the utility through this design process.

Landowner Type: Local Government

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.
It is possible that a geological survey or test boring maybe necessary depending on what the consultant feels necessary and what anchoring systems are proposed / considered. The number, location and depth will be determined by the consultant hired to develop final designs.
- 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)
No
- 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?
No
- 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
- 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.
NA.
- 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. UBI # 60127895
- 9 of 10** What date was your organization created?
1985
- 10 of 10** How long has your organization been involved in salmon and habitat conservation?
30 years

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Cultural Assessment [Section 106]				
Hydraulics Project Approval [HPA]				

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	Not State Owner Aquatic Lands.docx	03/18/2015
Application Review Report	Application Review Report, 15-1059P(rtn 08/21/15 10:58:39).pdf	08/21/2015
Cost Estimate	Budget Sheet FVII Planning CR_EST.xlsx	08/26/2015
Design document	Map of Sewer Lines in Project Area.pdf	07/14/2015
Map: Planning Area	Map of Restoration Area.pdf	03/18/2015
Photo	Foot Bridge low water.jpg	03/18/2015
Photo	High Water Looking upstream from Foot Bridge.jpg	03/18/2015
Photo	Bank Erosion .jpg	03/18/2015
Photo	High Water Looking Upstream.jpg	03/18/2015
Photo	Photo of Foot Bridge During High Water.jpg	03/18/2015
Photo	High Water Lower Menader.jpg	03/18/2015
Project Application Report	Application Report, 15-1059P (submitted 08/13/15 15:36:05).pdf	08/13/2015
Salmon Project Proposal	Appendix_C_Planning Project.docx	08/27/2015
Visuals	site visit 15-1059 April 2015.pptx	05/08/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/27/2015	Walter Rung	
Application Returned	08/21/2015	Elizabeth Butler	
Application Submitted	08/13/2015	Walter Rung	Thanks for all your great comments and the opportunity to continue with stream restoration at Friendly Village. Best, -Walt
Preapplication	02/24/2015		

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. (Walter Rung, 08/27/2015)