

Project #16-1215, Bear Creek Reach 6 - Phase II Construction

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: Restoration

Project Description

Adopt A Stream Foundation (AASF) requests funds to implement the construction of Phase II of a stream restoration project at the Friendly Village Mobile Home Park in Redmond, Washington. In 2014, AASF completed their first major instream restoration project at this property (project #12-1282). Phase II – Project Design is underway (project #15-1059), which will result in, at minimum, preliminary designs for implementation. This project will implement engineered restoration designs, including large woody debris (LWD) placement, removal of a foot bridge that confines the channel, adding meanders to a straighten stream channel and riparian restoration. This project will implement restoration that is designed to provide the maximum benefit to Chinook salmon resulting in the enhancement of 330 linear feet of instream habitat and the conversion of one acre of lawn to a native riparian forest. The proposed project will implement portions of project N214 listed in the WRIA 8 Chinook Conservation Plan. The overall technical hypothesis of N214 is to reduce fine sediment inputs, add LWD, restore riparian conditions, and reduce channel confinement. N214 calls out the proposed project area specifically, stating that “restoration is [sic] needed throughout Friendly Village.” This project will address these habitat-limiting factors by focusing on: installing Large Woody Debris, re-vegetating the riparian buffer, increasing flood plain connectivity and re-establishing stream processes.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Completion Date

Projected date of completion

12/31/2020

Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12)

\$967.00

Project identifier for the other monetary funding (A.12.b)

ALEA grant, other grants, AASF discretionary funding

Source of other monetary funding (A.12.a)

WDFW, AASF

Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)

\$16,800.00

Source of Donated Un-paid labor contributions (A.13.a.4)

Unpaid interns to assist under direct supervision of AASF staff with in-stream construction and riparian planting and maintenance valued at \$12K. We plan to hosting a minimum of 2 volunteer events at this site for a donated labor value of \$4800

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)

\$12,233.00

Source of Other In-Kind Contributions (A.13.c.3)

Adopt A Stream Foundation and our material vendor Duane Derosier, Cascade Coffee

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

AASF will donate \$3,933 in LWD and native plants from our stock piles. Our material vendor will contribute \$7000 to this project in the form of free or reduced cost wood and rock. Cascade Coffee will donate \$1300 in coffee bag for planting area.

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects (FY2017)	\$170,000	85.00 %		Donated Labor	\$16,800
Sponsor Match	\$30,000	15.00 %	15%	Donated Materials	\$12,233
Total Project Funding	\$200,000	100.00 %		Grant - Other	\$967
Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program	
RESTORATION COSTS					
Restoration	\$200,000				
A&E	\$0		0.00 %		\$60,000 (30%)
Subtotal	\$200,000	100.00 %			
Total Cost Estimate	\$200,000	100.00 %			

Worksites and Properties

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: 47.68279047
-122.09312232

Worksite #1: Friendly Village Phase II worksite (downstream of

Coordinates from Mapped Point:	Latitude: 47.68279047	Longitude: -122.09312232
Coordinates from Worksite	Latitude: 47.683101	Longitude: -122.092401
Directions:		

Worksite Description: Phase II project restores degraded habitat along 330 linear feet of stream that flows through the Friendly Village mobile home park. Throughout the project site, the majority of the streambank is vertical or nearly vertical with extensive erosion occurring along each bank. Lawn is the only significant vegetation present, a footbridge confines the channel and the site lacks any significant large woody debris (LWD) Project is located on the Friendly Village Mobile Home park property, located just downstream of the Snohomish Dr car bridge and will continue downstream for approximate 330' to the property boarder. The project will extended up the right bank approximately 100-150' and up the left bank 50'. Activities that will be conducted at work site include riparian restoration, addition of LWD and meanders to the stream channel, removal of a foot bridge, and re-sloping of the streambank.

Site Access Directions: Take exit 182 for Interstate 405 S toward Bellevue/Renton 0.9 mi 8. Merge onto I-405 S 9.2 mi 9. Take exit 20 for NE 124th St 0.3 mi 10. Turn left onto NE 124th St 3.6 mi 11. Continue onto NE 128th St 1.0 mi 12. Turn right onto Avondale Rd NE 2.2 mi 13. Turn left onto NE 95th St/Conrad Olson Road 0.1 mi 14. Turn right onto Snohomish Dr

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

Restoration 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)	Bull Trout, Cutthroat, Searun Cutthroat	
Miles Of Stream Treated/Protected (C.0.b)	0.06	
Project Identified In a Plan or Watershed Assessment (C.0.c)	This reach is identified in the WRIA 8 Chinook Conservation Plan as a Tier 1-Core Chinook Use N214 listed in the WRIA 8 Chinook Conservation Plan. The overall technical hypothesis of N214 is to reduce fine sediment inputs, add LWD, restore riparian conditions, and reduce channel confinement. N214 calls out the proposed project area specifically, stating, "Restoration is needed throughout Friendly Village."Chinook habitat-limiting factors identified in Chapter 3: WRIA 8 Chinook Recovery Plan	
Type Of Monitoring (C.0.d.1)	None	
Monitoring Location (C.0.d.2)	No monitoring completed	
Instream Habitat Project		
Total Miles Of Instream Habitat Treated (C.4.b)	0.06	
Channel reconfiguration and connectivity (C.4.c.1)		
Total cost for Channel reconfiguration and connectivity		\$104,925.00
Type of change to channel configuration and connectivity (C.4.c.2)	Meanders Added	
Miles of Stream Treated for channel reconfiguration and connectivity (C.4.c.3)	0.01	
Miles of Off-Channel Stream Created (C.4.c.4)	0.06	
Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)	0.3	
Instream Pools Created/Added (C.4.c.6)	4	
Channel structure placement (C.4.d.1)		
Total cost for Channel structure placement		\$64,925.00
Material Used For Channel Structure (C.4.d.2)	Individual Logs (Anchored), Stumps With Roots Attached (Rootwads)	
Miles of Stream Treated for channel structure placement (C.4.d.3)	0.06	
Acres Of Streambed Treated for channel structure placement (C.4.d.4)	0.3	
Pools Created through channel structure placement (C.4.d.5)	5	
Yards Of Average Stream-Width At Mid-Point Of Worksite (C.4.d.6)	13	
Number of structures placed in channel (C.4.d.7)	8	

Riparian Habitat Project

Total Riparian Miles Streambank Treated (C.5.b.1)	0.06	
Total Riparian Acres Treated (C.5.b.2)	1.0	
Planting (C.5.c.1)		
Total cost for Planting		\$30,000.00
Species Of Plants planted in riparian (C.5.c.2)	Including but not limited to: Willow [salix ssp.], Sitka spruce [Picea sitchensis], red alder [Alnus rubra], bitter cherry [Prunus emarginata], W. red cedar [Thuja plicata], black twinberry [Lonicera involucrata], red elderberry [Sambucus racemosa], Common Names: Spruce, Cedar, Douglas Fir, Alder, Big Leaf Maple, Birch, Red Flowering current, Snow berry, Nine Bark.	
Acres Planted in riparian (C.5.c.3)	1.0	
Miles of streambank planted (C.5.c.4)	0.06	
Average Riparian Width	100	
Permits		
Obtain permits		
Total cost for Obtain permits		\$150.00
Number of permits required for implementation of project	2	

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, Our current deigns project at this location will be completing an archaeological survey of the worksite (project #15-1059), We anticipate the Archeologically survey will be completed on or before 12/31/2016.
- 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?

Mobile Home Park, Historic ground disturbance includes the importing of fill material of unknown depth.
- 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.

No
- 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".

Ground disturbing activities include mechanized heavy equipment such as excavator and dump trucks to excavate meanders and place LWD. Excavation of up to 10' is expected in areas where LWD placement is to occur. Logs, boulders and cable will be placed in the streambank and channel. Hand tools will be used such as shovels, pick axes and hammers.
- 5 of 6

Give street address for this worksite if available.

18425 NE 95th St, Redmond, WA 98052 Project is located immediately downstream of the Snohomish Dr. footbridge and runs downstream for approximately 330' to the southern boarder of the property. In addition to the stream channel the project area extends up the right bank approximately 150' and on the left bank approximately 50'
- 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, Yes, it is a mobile home park with several manufactured home in the vicinity of the worksite. A footbridge spans the creek within the project area, bridge is to be removed as part of the restoration project.

Property for Friendly Village Phase II worksite (downstream of Worksite #1: Friendly Village Mobile Home Park

Activity: Restoration	Control and Tenure
Landowner	Instrument Type: Landowner Agreement
Matt Marcus	Purchase Type:
1441 West Bay Dr NW, Suit 102	Term Length: Fixed # of years (10 years)
Olympia, WA 98052	Expiration Date: 12/31/2027
Landowner Type: Private	Note:

Overall Project Questions

- 1 of 10

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
- 2 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, 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)**
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?**
Yes
- 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.**
-Unsecured \$967.00 from the Aquatic Land Enhancement Account (ALEA) WDFW, 2 years. Money to pay for plants and associate materials for volunteer planting events
- 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.**
AASF will use unskilled volunteer intern labor to assist with project implementation. AASF typically recruits 4 to 7 unpaid interns each summer, interns learn about stream restoration and get hands on experience working on actual stream restoration projects. We estimate that during the summer of 2017 we will have a 4 unpaid interns contributing 3 weeks of labor to this project during the initial construction phase and 2 weeks a year for the last two years of the grant for riparian maintenance for a total donated value of \$12,000. In the fall of 2017 after the heavy construction is done we will hold two volunteer planting events, which, we estimate 40 volunteers will attend each of the 4 hours events valued at \$4,800. Duane are material supplier for this project has agreed to donated up to \$7K worth of logs, root wads and /or rock. AASF frequently receives donated logs and plants, which are stock piled and available for donation to our projects. We currently have plants and LWD in or stock pile that can be donated to this project a value of \$5,233.
- 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?**
601270895
- 9 of 10 **What date was your organization created?**
08/01/1985
- 10 of 10 **How long has your organization been involved in salmon and habitat conservation?**
31 years

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Hydraulics Project Approval [HPA]				
Nationwide Permit				

- 1 of 2 **Permit Questions**
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, Project will require a USACE Nation Wide 27 permit, we anticipates this project will qualify for Nationwide 27. "Aquatic Habitat Restoration, Establishment, and Enhancement 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

Project Attachments

Required Attachments	7 out of 7 done
Authorizing Resolution/Application Authorization	<input checked="" type="checkbox"/>
Cost Estimate	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Map: Restoration Worksite	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
RCO Fiscal Data Collection Sheet	<input checked="" type="checkbox"/>
Salmon Project Proposal	<input checked="" type="checkbox"/>

Photos

Attachment Type	Title	Attach Date
Authorizing Resolution/Application Authorization	App Auth 15-1059.pdf	03/18/2016
Cost Estimate	Budget Sheet FVII Construction.xlsx	03/18/2016
Map: Restoration Worksite	Map of Restoration Area.pdf	03/18/2016
Photo	DSCN3501.jpg	03/18/2016
Photo	DSCN3506.jpg	03/18/2016
Salmon Project Proposal	Appendix_C_BearPhII_Construction.docx	03/18/2016

Application Status

Application Due Date: 08/12/2016

Status	Status Date	Name	Notes
Application Submitted	03/18/2016	Walter Rung	
Preapplication	02/09/2016		

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, 03/18/2016)

Date of last change: 03/18/2016