PROJECT: 21-1106 PLAN, BEAR CREEK RESTORATION AT FRIENDLY VILLAGE

Sponsor: Adopt A Stream Foundation Program: Salmon State Projects Status: Application Submitted

Parties to the Agreement

PRIMARY SPONSOR

Adopt A Stream Foundation
Address 600-128th St SE
City Everett **State** WA **Zip** 98208
Org Type Non-Gov-Nonprofit
Vendor # SWV0089423-00
UBI 601270895
Date Org created 08/29/198
Org Notes

link to Organization profile
☐ Org data updated

QUESTIONS - PRIMARY SPONSOR

#1: What date was your organization created?

08/29/1985

#2: Is your organization registered as a non-profit with the Washington Secretary of State?

Yes

#2a: Please confirm the Unified Business Identifier (UBI) shown above is correct or provide if blank.

601270895

#3: How long has your organization been involved in salmon and habitat conservation?

34 years

#4: 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

The mission of the Adopt A Stream Foundation is "to teach people how to become stewards of their watersheds." That mission is carried out by producing environmental education materials, conducting Streamkeeper Academy training events on all aspects of Northwest ecology, and providing local communities with stream and wetland restoration technical assistance.

#5: Do your organizational documents (charter, bylaws, or articles of incorporation) provide for an equivalent successor organization in case the nonprofit dissolves?

Yes

SECONDARY SPONSORS

No records to display

LEAD ENTITY

WRIA 8 LE (King County)

QUESTIONS

#1: List project partners and their role and contribution to the project.

External Systems

SPONSOR ASSIGNED INFO

Sponsor-Assigned Project Number

Sponsor-Assigned Regions

EXTERNAL SYSTEM REFERENCE

Source	Project Number	Submitter
HWS	21-1106	JWilkinson

Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
Elizabeth Butler Rec. and Conserv. Office	Project Manager	(360) 867-8650	elizabeth.butler@rco.wa.gov
Walter Rung Adopt A Stream Foundation	Project Contact	(425) 316-8592 111	walterr@streamkeeper.org
Jason Wilkinson WRIA 8 LE (King County)	Lead Entity Contact	(206) 477-4786	jason.wilkinson@kingcounty.gov

Worksites & Properties

#	Worksite Name
#1	Friendly Village Park Bear Creek Reach 6

Planning	Property Name

Project Application Report - 21-1106

Worksite Map & Description

Worksite #1: Friendly Village Park Bear Creek Reach 6

Worksite map

WORKSITE ADDRESS

Street Address 18425 NE 95th St
City, State, Zip Redmond, WA 98052

Worksite Details

Worksite #1: Friendly Village Park Bear Creek Reach 6

SITE ACCESS DIRECTIONS

From I-5, 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

TARGETED ESU SPECIES

Species by ESU	Egg Present	Juvenile Present	Adult Present	Population Trend
Chinook-Puget Sound, Sammamish River, Threatened	✓	✓	✓	Declining
Coho-Puget Sound/Strait of Georgia, Species of Concern	✓	✓	✓	Declining
Steelhead-Puget Sound, North Lake Washington and Lake Sammamish, Threatened	✓	✓	✓	Declining

Reference or source used

https://apps.wdfw.wa.gov/salmonscape/

TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
Searun Cutthroat	
Cutthroat	
Kokanee	

Questions

#1: Give street address or road name and mile post for this worksite if available.

Friendly Village Park 18425 NE 95th St Redmond, WA 98052

Project Application Report - 21-1106

Project Location

RELATED PROJECTS

Projects in PRISM

PRISM Number	Project Name	Current Status	Relationship Type	Notes
16-1215 R	Bear Creek Reach 6 - Phase II Construction	Active	Earlier Phase	Project 16-1215R restored 330 linear feet and 1.0 acres of riparian vegetation at this property in 2020/21.
15-1059 P	Bear Creek Reach 6 Restoration - Ph II Design	Closed Completed	Earlier Phase	Completed designs for 16-1215R
12-1282 R	Bear Creek Reach 6 Restoration	Closed Completed	Earlier Phase	This project installed LWD and planted the riparian within the currently proposed project area.

Related Project Notes

With the successful completion of this summer's 330 feet of in-stream habitat enhancement and 1.0 acre of riparian planting, AASF has gained the trust of KCHA . We are now pursuing a more ambitious goal of restoring the remaining 1100 linear feet of Bear Creek Reach 6 that flows through this property and 2.5 acres of riparian.

Questions

#1: Project location. Describe the geographic location, water bodies, and the location of the project in the watershed, i.e. nearshore, tributary, main-stem, off-channel, etc.

The proposed project is located in Lower Bear Creek subarea, Reach 6. This reach is identified in the WRIA 8 Chinook Conservation Plan as a Tier 1-Core Chinook Use. The proposed project is located within the Friendly Village Mobile Home Park in Redmond, WA along 1,055 linear feet of the mainstem of Bear Creek and contains a total planting area of 2.5 acres.

#2: How does this project fit within your regional recovery plan and/or local lead entity's strategy to restore or protect salmonid habitat? Cite section and page number.

Project design shall improve salmon habitat and increase fish production through the future restoration project by: 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.
The project will be designed to implement a priority action (floodplain reconnection and riparian restoration) that will benefit a priority species (Chinook), and the project area is located in a Tier 1-Core Chinook use area in WRIA 8. Upon completion of the future restoration phase, the project will directly address several technical priorities for Bear/Cottage Lake Creeks in the WRIA 8 Conservation Strategy including protecting and restoring riparian vegetation and floodplain connectivity. This project will address the following Chinook habitat-limiting factors identified in chapter 3 of the WRIA 8 Chinook Recovery Plan: loss of floodplain connectivity, lack of riparian vegetation, disrupted sediment processes and loss of channel and shoreline complexity.

#3: Is this project part of a larger overall project?

No

#4: Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. **Aquatic Districts and Managers**

No

Property Details

Properties for this program and project type are optional.

Project Proposal

Project Description

AASF is requesting funds to complete preliminary designs for a third and final stream restoration project at the Friendly Village Park in Redmond, WA. This project will complete preliminary designs as defined by RCO manual 18 for the last remaining section of degraded stream channel on this property. Nearly 1,055 linear feet of Bear creek Reach 6 and 2.5 acres of riparian remain in need of restoration at this property. This project will ultimately lead to the connectivity of major stream restoration efforts both up and downstream of this location resulting in the continuity of over 5,230 feet of restored chinook habitat.
The requested funds will be used to design a stream restoration project that is intended to offer the greatest benefit to Chinook salmon while staying within the site constraints. AASF will partner with Chinook Engineering for the following: engineering, topographic surveying, hydraulic analysis, preliminary designs, design reports, and permitting assistance. AASF will work closely with the consultant and the landowner to oversee design development to ensuring maximum benefit to Chinook salmon.

Project Questions

Project Application Report - 21-1106

#1: Problem statement. What are the problems your project seeks to address? Include the source and scale of each problem. Describe the site, reach, and watershed conditions. Describe how those conditions impact salmon populations. Include current and historic factors important to understand the problems.

This a design project that will generate preliminary design deliverables focused on improving habitat conditions in the future construction phase.
Project site is located in a mobile home park called Friendly Village. Approximately 1,400 linear feet of highly degraded main-stem Bear Creek is found on this property, AASF restored 345 feet of stream channel in the summer of 2020, with 1,055 feet remaining. Few native trees and shrubs remain in the riparian area, which is dominated by lawn, landscaping, structures, and pavement.

This reach of stream (Reach 6) has been identified in various plans as having:
• Decreased floodplain connectivity and decreased off-channel habitat because of channel confinement. Due to development the channel is somewhat disconnected from its historic flood plain and is constricted by several stream crossings which results in reduced habitat conditions and flooding in developed portions of the property.
• Very little large woody debris. Wood is important because it increases channel complexity, contributes to channel stability, develops pools, traps sediment, and reduces water temperature.
• Poor coverage of native riparian vegetation. Restoring riparian vegetation will improve channel stability, provide sources of large woody debris that can contribute to creation of pools, and reduce peak water temperatures that favor non-native species.
Degraded channel conditions in this reach have significantly reduced fish production when compared to historic levels. The loss of a native riparian buffer has resulted in an increase in summer peak temperatures which can be lethal to salmonids, a loss of natural filtering and ground water recharging processes, a widening and shallowing of the channel and channel incision, all of which limit salmonid production in this reach either directly by killing fish (temperature) and increasing exposure to predators (shallow), or indirectly by limiting spawning and rearing habitat (intraspecific competition).

The project will generate preliminary designs as defined by RCO manual 18 focused on improving salmon habitat and increasing fish production by re-establishing stream processes in targeted locations that will also meet the landowner's goals, which are erosion control, flood mitigation, and ease of maintenance. The scope of this project is intentionally incremental (Phase III) to develop high-quality engineered plans for future restoration, develop trust with the landowner, and help them address their concerns regarding stream restoration techniques. Most importantly, it provides time to further develop a relationship and to demonstrate the effectiveness of salmon-friendly erosion and flood mitigation techniques that have already resulted in willingness for more comprehensive restoration activities on site.

The future phase of installing large woody debris will increase channel complexity, which contributes to channel stability and development of pools, trap sediment, and reduce water temperature. By stabilizing the channel, large wood will reduce erosion in targeted locations, stabilizing the bank. Restoring riparian vegetation will improve channel stability, provide sources of woody debris that can contribute to creation of pools for salmon refuge, and reduce peak water temperatures that favor nonnative species. Project designs will include a large conifer component that will become the future source of LWD.
The project site is currently a mobile home park; historic use of the site is unknown. A major barrier to stream restoration on this property is the landowner due to lack of trust of governments and lack of knowledge of stream processes. The Adopt A Stream Foundation has been educating and building a relationship with the landowner over the last few years and has successfully implemented three riparian plantings and placed nearly 300 pieces of LWD at this property.

#2: Describe the limiting factors, and/or ecological concerns, and limiting life stages (by fish species) that your project expects to address.

This a design project that will generate preliminary design deliverables focused on improving habitat conditions in the future construction phase.

Limiting Life Stage to be addressed by Project Designs:

Eggs (Chinook, Steelhead, Coho, Sockeye, Cutthroat and Kokanee)
• Increased egg to fry survival: The Washington Department of Fish and Wildlife maps show Bear Creek Reach 6 as Fall Chinook breeding area, according to their Priority Habitat and Species online mapping database and SalmonScape. The future restoration based on this project's design outcomes will increase egg to fry survival by reducing fine sediment input. Planting and re-grading the streambanks will result in a reduction in fine sediment input. The reduction in fine sediment input will result in cleaner spawning gravel and allow for more oxygenated water to circulate around fish eggs as they incubate in the gravel.
• Increase in suitable spawning areas: future restoration based on this project's design outcomes will enhance the sorting of gravel by the proposed LWD and reduce fine sediment input, resulting in an increase in clean, well-sorted spawning gravel.

Juvenile (Chinook, Steelhead, Coho, Sockeye, Cutthroat and Kokanee)
• Increased channel complexity: This project will generate designs to increase juvenile salmonid production by creating more rearing and refuge areas for young fish. The proposed LWD will increase channel complexity by creating additional pools, slack water along streambanks, cover habitat and refuge from high velocities. The proposed LWD will accumulate and hold biological matter for processing in the creek, which will feed macro invertebrates, which will become forage for juvenile salmonids.
• Riparian restoration: Planting the streambanks will, in addition to reducing fine sediment and improving water quality, result in a reduction in peak summer temperatures. Warm water temperatures can be lethal to salmonids.

Adult (Chinook, Steelhead, Coho, Sockeye, Cutthroat and Kokanee)
• Increase in pool frequency: Adding LWD will increase pool frequency, which will benefit adult salmonids as they migrate to their natal spawning grounds by providing resting and refuge areas.
• Increase in suitable spawning areas: Adding LWD will sort gravel resulting in more suitable spawning areas and less competition.

#3: What are the project goals? The goal of the project should be to solve identified problems by addressing the root causes. Then clearly state the desired future condition. Include which species and life stages will benefit from the outcome, and the time of year the benefits will be realized. **Example Goals and Objectives**

To develop stream restoration preliminary designs as defined by RCO manual 18 that will provide the maximum benefit for Chinook salmon and be ready for implementation in 2022.

#4: What are the project objectives? Objectives support and refine biological goals, breaking them down into smaller steps. Objectives are specific, quantifiable actions the project will complete to achieve the stated goal. Each objective should be SMART (Specific, Measurable, Achieveable, Relevant, and Time-bound). **Example Goals and Objectives**

Objective 1: Initiate archeological review of APE by 5/2021
Objective 2: Develop conceptual designs and draft design report by 9/2021
Objective 3: Develop preliminary Designs and Design Report by 12/2021
Objective 4: Apply for project permits by 1/2022

#5: Scope of work and deliverables. Provide a detailed description of each project task/element and how they will lead to the objectives. With each task/element, identify who will be responsible for each, what the deliverables will be, and the schedule for completion.

This design project will generate preliminary design deliverables focused on improving habitat conditions in a future construction phase.

The Adopt A Stream Foundation (AASF) will work with stakeholders to complete preliminary designs and report (as described in Manual 18 Appendix D-3) for the third phase of stream restoration at the Friendly Village Mobile Home Park in Redmond, WA along Bear Creek Reach 6. AASF partnered with Chinook Engineering to complete topographic surveying, hydraulic analysis, preliminary designs and associated design reports and permitting assistance. AASF will work closely with the Chinook Engineering and the landowner to develop designs that will provide the maximum benefit to fish and be acceptable to the landowner.
Project design shall improve salmon habitat and increase fish production through the future restoration project by: 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, Muckleshoot Tribe and KCHA.

In 2014, AASF completed our first stream restoration project at this property with 42 pieces of LWD installed and 0.35 acres of lawn converted to a native riparian plant community. In 2020, AASF completed the second stream restoration project at this location immediately downstream of the currently proposed project with 256 pieces of LWD installed and 1.0 acre of lawn converted to a native riparian forest. The successful completion of two restoration projects at this location has gained us the trust of the landowner and allowed us to pursue additional stream restoration opportunities. Phase III is a more ambitious project then our prior restoration efforts at this location having the potential to restore nearly 1,055 linear feet of main-stem Bear Creek and 2.5 acres of riparian.

Project task:
• Administration (reporting, project management, and billing) - AASF
• Develop Conceptual designs and present to stakeholders – AASF / Chinook Engineering
• Develop primary designs and draft design report – Chinook Engineering
• Contract a third party to complete a cultural resource survey and report - Consultant
• Apply for project permits – AASF / Chinook Engineering

Timeline:
• March 2021 Grant Awarded, start Cultural resources
• March 2021 – June 2021 Develop Conceptual designs and present to stakeholders
• March 2021- Dec 2021 Develop preliminary designs and design report
• Dec 2021-Feb 2022 apply for project permits

#6: What are the assumptions and physical constraints that could impact whether you achieve your objectives? Assumptions and constrains are external conditions that are not under the direct control of the project, but directly impact the outcome of the project. These may include ecological and geomorphic factors, land use constraints, public acceptance of the project, delays, or other factors. How will you address these issues if they arise?

Assumptions:
• Project will qualify for a fish habitat enhancement project using a streamlined JARPA application and be exempt from most other state and local permits including SEPA.
o We expect the project to qualify for the exemption, as it satisfies both requirements under the WDFW Fish Habitat Exemption Form, namely that the project: 1) Places woody debris that benefit naturally-producing fish stocks and 2) The project is approved by a formal grant program established by the legislature. If the project does not qualify for the exemption, we would need to apply for SEPA through the City of Redmond.

If the above assumptions are incorrect then the project may be delayed or cost more than anticipated, which will cause the project either to be scaled back to stay within budget or additional funding will be secured.

Constraints:
This project is located on private property and any work done here must meet the approval of the landowner. This may impose limitations on project designs, as the landowner is very concerned with flooding and any potential to increase flood stage or bank erosion. The landowner may not be comfortable with aggressively placed LWD structures including but not limited to mid-channel structures. AASF will have to work closely with the consultant and the landowner to develop designs that are both acceptable to the landowner and maximize benefit to salmon.
• Sewer lines and/or other utilities could and/or will limit stream restoration on this property. Project will have to be designed around such obstacles.

#7: How have lessons learned from completed projects or monitoring studies informed this project?

We have the advantage of observing project effectiveness on a site directly upstream of this project, which provides analogous conditions upon which to base our project. We have contracted a licensed professional engineer to produce permit-ready designs appropriate for site conditions and restoration goals.
Adopt A Stream Foundation has refined our stream restoration techniques over the past 30 years. We routinely visit our restoration site and informally monitor their success. This informal monitoring has lead to a refining of our LWD placement and anchoring techniques and the development of various LWD structures as well as improvements in our riparian restoration techniques.

#8: Describe the alternatives considered and why the preferred was chosen.

AASF expect to have preliminary designs completed by a licensed professional engineer by 12/2021. The scope and scale of the project is designed to fit in with several long-term restoration outcomes being considered by the City of Redmond. Immediate need for planting along the entire bank at this parcel has been tempered with a consideration of the possibility of future more comprehensive restoration efforts.

#9: How were stakeholders consulted in the development of this project? Identify the stakeholders, their concerns or feedback, and how those concerns were addressed.

King County Housing Authority (KCHA) is the primary stakeholder as the property owner. AASF has been working with KCHA over the past couple of years to implement a restoration project on a 330-foot section of Bear creek at the downstream end of this property, which was completed last summer. The trust that AASF built over the course of our most recent restoration project has allowed us to pursue a larger project. KCHA has generously offered to allow AASF to restore the last remaining section of un-restored Bear Creek on this property measuring 1,055 linear feet with approximately 2.5 acres of riparian restoration. The major concerns of the property owner are typical of a stream-side landowner with flooding, infrastructure, and erosion being their major concerns. These concerns mimic those of our previously completed restoration project and as such we are well suited to address with 2-D hydraulic analysis and flow modeling already built into the project budget.

In addition to the property owner, AASF has discussed the project with other stakeholders including: WDFW, City of Redmond, WIRA 8, and the Muckleshoot Tribe. The general consensus is that the channel confinement cause by the covered bridge, lack of LWD, and lack of a riparian buffer should be addressed.

#10: Does your project address or accommodate the anticipated effects of climate change?

Yes

#10a: How will your project be climate resilient given future conditions?

The impacts of climate change is a primary impetus for the timing of this project. As temperatures increase, small streams require more than ever an established riparian canopy to reduce the added effect of thermal pollution on stream temperature. This project aims to connect existing and proposed riparian habitat improvement projects along Bear Creek by the aforementioned organizations and agencies.

#10b: How will your project increase habitat and species adaptability?

This project will focus on restoring historical conditions as ecological restoration often does. However, with the acceleration of anthropogenic climate change it is unlikely that we will ever be able to truly replicate past conditions. Instead, we can only hope to mimic pre-settlement instream and riparian conditions, providing salmonids with some semblance of the conditions in which they evolved. It is hoped that this project will provide Chinook salmon with some refuge from climate change and buy them time to adapt.
Ecological restoration: This project will be designed to implement a priority action (floodplain reconnection and riparian restoration) that will benefit a priority species (Chinook), and the project area is located in a Tier 1-Core Chinook use area in WRIA 8. Upon completion of the future restoration phase, the project will directly address several technical priorities for Bear/Cottage Lake Creeks in the WRIA 8 Conservation Strategy including protecting and

#11: Describe the sponsor's experience managing this type of project. Describe other projects where the sponsor has successfully used a similar approach.

AASF has 30 years' experience restoring riparian restoration in Snohomish, King and Island counties. Our restoration team has implemented LWD restoration projects in numerous watersheds through funding with the Department of Ecology, Recreation and Conservation Office (SRFB) and private foundations. Since 2009, our team has managed and installed 31 in-stream design-build restoration projects.

#12: Will veterans (including the veterans conservation corps) be involved in the project? If yes, please describe.
No

Planning Supplemental

#1: Is the project an assessment / inventory?
No

#2: Is your project a Barrier / Screening Diversion Inventory Project?
No

#3: Is this a fish passage design / screening design project?
No

#4: Will the project develop a design?
Yes

#4a: Will a licensed professional engineer design of the project?
Yes

#4b: Will you apply for permits as part of the project scope?

As part of the project scope we will be applying for permits. We believe this project will require a WDFW issued HPA, USACE section 401 permit, Section 106 Archeological consultation and a Flood Hazard permit.

Planning Metrics

Worksite: Friendly Village Park Bear Creek Reach 6 (#1)

Area Encompassed (acres) (B.0.b.1)	2.5
Miles of Stream and/or Shoreline Affected (B.0.b.2)	1,055.00

DESIGN FOR SALMON RESTORATION

Conceptual Design

Total cost for Conceptual design	$24,000
Project Identified in a Plan or Watershed Assessment. (2457) (B.1.b.11.a)	WRIA 8 Conservation Strategy including protecting and restoring riparian vegetation and floodplain connectivity. This project will address the following Chinook habitat-limiting factors identified in chapter 3 of the WRIA 8 Chinook Recovery Plan: loss of floodplain connectivity, lack of riparian vegetation, disrupted sediment processes and loss of channel and shoreline complexity.
Priority in Recovery Plan (2458) (B.1.b.11.b)	WRIA 8 Conservation Strategy including protecting and restoring riparian vegetation and floodplain connectivity. This project will address the following Chinook habitat-limiting factors identified in chapter 3 of the WRIA 8 Chinook Recovery Plan: loss of floodplain connectivity, lack of riparian vegetation, disrupted sediment processes and loss of channel and shoreline complexity.

Preliminary design

Total cost for Preliminary design	$85,850
Project Identified in a Plan or Watershed Assessment. (1220) (B.1.b.11.a)	WRIA 8 Chinook Recovery Plan
Priority in Recovery Plan (1222) (B.1.b.11.b)	WRIA 8 Chinook Recovery Plan

CULTURAL RESOURCES

Cultural resources

Total cost for Cultural resources	$26,308
Acres surveyed for cultural resources	2.50

Overall Project Metrics

COMPLETION DATE	
Projected date of completion	05/31/2022
SPONSOR MATCH: MONETARY FUNDING	
Amount of other monetary funding (A.12)	$0
Source of other monetary funding (A.12.a)	N/A
Timing of other monetary funding	N/A
SPONSOR MATCH: DONATED UN-PAID LABOR (VOLUNTEERS)	
Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	$0
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
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
Source of Other In-Kind Contributions (A.13.c.3)	N/A
Description of other In-Kind contributions (A.13.c.2)	N/A
Metric Match Total	$0

Planning Cost Estimates

Worksite #1: Friendly Village Park Bear Creek Reach 6

Category	Work Type	Estimated Cost	Note
Cultural Resources	Cultural resources	$26,308	
Design for Salmon restoration	Conceptual Design	$24,000	
	Preliminary design	$85,850	
	Subtotal:	$136,158	
	Total Estimate For Worksite:	$136,158	

Summary

Total Estimated Costs:	$136,158
Total Estimated Planning Costs:	$136,158

Project Application Report - 21-1106

Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
Planning Costs			
Planning	$136,158		
SUBTOTAL	$136,158	100.00 %	
Total Cost Estimate	$136,158	100.00 %	

Funding Request and Match

FUNDING PROGRAM

Salmon State Projects	$136,158	100.00 %

SPONSOR MATCH

Category	Amount	Project %
Match Total:	$0	
Total Funding Request:	$136,158	100.00 %

Questions

#1: Explain how you determined the cost estimates

> Cost estimate is based on AASF experience on similar projects. As well as estimates specific to this project provided by Chinook Engineering and Historic Resource Associates (HRA).

Cultural Resources

Worksite #1: Friendly Village Park Bear Creek Reach 6

#1: Describe any planned ground disturbing pre-construction/restoration work. This includes geo-technical investigation, fencing, demolition, decommissioning roads, etc.

No ground disturbances will take place during this phase.

#2: Describe the existing project area conditions. The description should include existing conditions, current and historic land uses and previous excavation/fill (if depths and extent is known, please describe).

Currently is a Mobile Home Park, prior to that is was a turkey farm, Historic ground disturbance includes the importing of fill material of approximately 6-8 feet in depth.

#3: Will a federal permit be required to complete the scope of work on the project areas located within this worksite?

No

#4: Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.

Unknown

#5: Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?

No

#6: Are there any structures over 45 years of age within this worksite? This includes structures such as buildings, tidegates, dikes, residential structures, bridges, rail grades, park infrastructure, etc.

Unknown

A covered bridge within the work area might be 45 years of age or older.

Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Cultural Assessment [Section 106]	DAHP				
Hydraulics Project Approval [HPA]	Dept of Fish & Wildlife				
Nationwide Permit	Army Corps of Eng.				
Other Required Permits					

Note: Flood Hazard FEMA

Project Application Report - 21-1106

Attachments

Required Attachments	6 out of 6 done
Applicant Resolution/Authorizations	✓
Cost Estimate	✓
Map: Area of Potential Effect (APE)	✓
Map: Planning Area	✓
Photo	✓
RCO Fiscal Data Collection Sheet	✓

PHOTOS (JPG, GIF)

Photos (JPG, GIF)


462719


462727

PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	02/12/2021	Applicant Resolution/Authorizations	FV PIII App Auth.pdf	WalterR	FV PIII App Auth.pdf, 462831	✓
	02/11/2021	Cultural Resources: Correspondence	Bear Creek Reach 6 Phase III_SOW_CE_20210129.pdf	WalterR	Bear Creek Reach 6 Phase III_SOW_CE_20210129.pdf, 462732	
	02/11/2021	Landowner acknowledgement form	Landowner Ack form Phase III 2021.pdf	WalterR	Landowner Ack form Phase III 2021.pdf, 462731	
	02/11/2021	Map: Area of Potential Effect (APE)	APE FV Phase III.jpg	WalterR	APE FV Phase III.jpg, 462727	✓
	02/11/2021	RCO Fiscal Data Collection Sheet	RCO FiscalDataCollectionSheet_FV PIII 2021 .pdf	WalterR	RCO FiscalDataCollectionSheet_FV PIII 2021 .pdf, 462726	
	02/11/2021	Photo	DSCN1030-1.JPG	WalterR	DSCN1030-1.jpg, 462719	✓
	02/11/2021	Map: Planning Area	Bear Creek Restoration Phase III.pdf	WalterR	Bear Creek Restoration Phase III.pdf, 462717	✓
	02/11/2021	Cost Estimate	Budget Sheet FVIII Planning.xlsx	WalterR	Budget Sheet FVIII Planning.xlsx, 462716	✓

Application Status

Application Due Date: 06/28/2021

Status Name	Status Date	Submitted By	Submission Notes
Application Submitted	02/17/2021	Walter Rung	
Preapplication	02/02/2021		

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, 02/17/2021)

Date of last change: 02/17/2021