SRFB General Application Information

Project Name Simmons Creek Restoration

Project Types:

☐ Acquisition	☐ Estuarine/Nearshore	☒ Riparian	☐ Passage, Diversion, Barrier Inventory/Design
☐ Non-Capital	☐ Upland	☐ In-Stream	

Applicant / Organization Information

Organization NameUnderwood Conservation District

Organization Type (check one)

☐ City/Town	☐ County	☒ Conservation District
☐ Native American Tribe	☐ Non-profit Organization	☐ RFEG
☐ Special Purpose District	☐ State Agency	

Organization Address

Address PO Box 96

City/Town White Salmon

State, Zip WA, 98672

Telephone # 509-493-1936 FAX # 509-493-8557, call first

Internet e-mail address ucd@gorge.net Website URL http://w3.gorge.net/ucd/ucd.htm

Project Contact Information

Complete one for each contact.

☐ Mr. ☒ Ms. Title Resource Technician

First Name Tova Last NameCochrane

☒ Primary Contact OR ☐ Alternate Contact

Contact Mailing Address

Address PO Box 96 Work Telephone #509-493-1936

City/TownWhite Salmon FAX #509-493-8557, call first

State, ZipWA, 98672 Internet e-mail addressucd@gorge.net

Application Questionnaire

All applicants must answer the following questions.

Cost Efficiencies

For any grants listed in the Summary of Funding Request and Match Contribution Section, are there any restrictions on the use of these grant funds? When and how long will the grant funds be available to this project?

No restrictions in Matching

Describe the type of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Summary of Funding Request and Match Contribution Section.

Hancock Forest Management is contributing downed logs and livestakes from their property towards the stream restoration project. They will also provide donated labor in the form of technical assistance in installing off-stream watering stations. Landowner is also willing to donate $2,000 towards materials, equipment, and services. Northwest Service Academy is contributing tools, vehicles and fuel towards accomplishing project work. UCD is donating erosion control jute-mat fabric and tools towards the project.

Land Ownership

What type of landowner currently owns the property? (Federal, Local, Private, State or Tribal.)

Private timberland investment group.

What is the current land use of the site, and its history? Describe past human uses and salmon habitat functions. Are there any structures on site?

Current land use is timber. The landowner also leases cattle grazing allotments which is facilitated by the Coordinated Resource Management Program. Headwaters and immediate area of proposed instream planting and debris placement is not currently grazed by cattle due to a fence exclosures. Area where off-stream watering facilities are proposed is not fenced for cattle exclusion from the stream. Past use has included intensive logging and intensive grazing. There is an old railroad bed and logging roads, but no structures in project area.

Worksite Location Data

What are the geographic coordinates of the work site(s) (in degrees, minutes, and seconds)? [If you do not have them, you may leave this question blank.]

N 45 deg. 51' 77", W 121 deg. 15' 10"

What is the township/range/section of the work site(s)?

T4N, R12E, portions of sections 1 & 12

In what county(s) is the work site(s) located? In what city, if applicable?

Klickitat County, West of the town of Klickitat, North of Appleton

In what Water Resource Inventory Area(s) (WRIA) is the work site located? (Provide WRIA name and WRIA number.)

Klickitat Basin WRIA 30

Is the work site on a stream and/or other waterbody? If yes, name the stream and/or waterbody. If the stream is a tributary of a larger stream, also name the larger stream. If you know the river mile, list it here.

Simmons Creek, tributary to Snyder Canyon Creek, approx. 6.8 river miles upstream of confluence with Klickitat River

Is your work site(s) located within estuarine or saltwater habitat? If so, name it. How close is it to fresh water systems? Name any other estuary or habitat adjacent to this site.

No

Is the work site(s) located within a park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area.

No

Current Landowner(s) of the site (name and address). Remember to complete the Landowner Willingness Form.

Hancock Forest Management

Driving Directions (provide directions that will enable staff to locate the project):

From Highway 14, just West of Lyle, WA, turn North on Old Hwy. 8. Turn North again on Canyon Rd. and stay on this road for approx. 20 miles. Pass Appleton and Bill Monroe Rd. on the left. Turn Right on Fisher Hill Rd. Turn Left on Brewer Rd. Park in pullout on Left 1/4 mile past water tank on Right.

Non-profit organizations must answer the following questions.

Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number?

No, our Conservation District is not a non-profit, but our UBI # is 601 139 064

What date was your organization created?

July 1, 1940

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

Underwood Conservation District (UCD) has been actively involved in salmon conservation work for about 11 years. For the entire 67 years of our existence, UCD has been involved in soil, water, and wildlife habitat conservation work. A large part of the Conservation District's mission has been the implementation of conservation practices that improve or protect fish and wildlife habitat. UCD has built numerous channel roughness structures and established riparian vegetation on upper Rattlesnake Creek, in the same general area as Simmons Creek.

Short Description of Project

Describe project, what will be done, and what the anticipated benefits will be in 1500 characters or less.

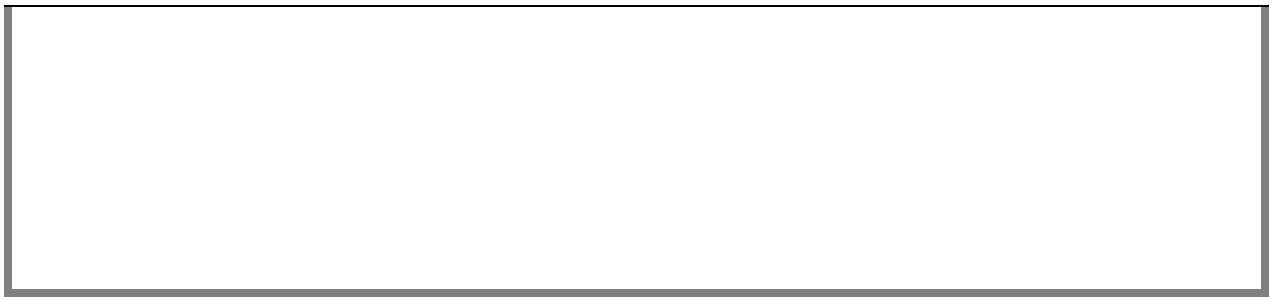
NOTE: Many audiences, including the SRFB, SRFB's Technical Review Panel, media, legislators, and the public who may inquire about your project use this description. Provide as clear, succinct, and descriptive an overview of your project as possible – many will read these 1-2 paragraphs!

The description should state what is proposed. Identify the specific problems that will be addressed by this project, and why it is important to do at this time. Describe how, and to what extent, the project will protect, restore, or address salmon habitat. Describe the general location, geographic scope, and targeted species/stock. This short description should be the summary of the detailed proposal set out under the Evaluation Proposal, with particular emphasis on questions 1-4.

The database limits this space to 1500 characters (including spaces); any excess text will be deleted.

This project is located on Simmons Creek, which feeds Snyder Creek, a tributary of the Klickitat River, where a 6,600 linear foot length of the stream has been identified as needing repair. The upper reaches of Simmons Creek are located on a relatively flat plateau with deep, fine-grained soils. At least a 6,600 linear foot length of the stream is moderately to deeply incised. The condition is probably due to a combination of historic agricultural clearing and ditching and past intensive grazing. Erosion and downcutting occurs in these streams during high flows, as water is unable to spread onto the floodplain. Rapid runoff results in poor groundwater recharge, exacerbating low, warm summer flows in downstream reaches of Snyder Creek, which contains spawning and rearing habitat for ESA-listed Middle Columbia steelhead.

The proposal is to build approximately 40-50 channel roughness/sediment capture structures and off-stream cattle watering systems within the 6,600 linear foot stream segment of Simmons Creek. Structure installation will be accomplished under the guidance of the District Engineer and WDFW's Integrated Streambank Protection Guidelines. Riparian plantings of willow, black cottonwood, and other species will be included. The objective is to use wood, vegetation, and small rock to add channel roughness, stabilize eroding banks, increase groundwater recharge, reduce downstream sedimentation, and increase summer flows in downstream salmonid habitat.



Salmonid Species Information

Identify one or more targeted Salmonid species (directly on-site, indirectly down stream or within the rearing/migration corridor) whose habitat conditions you are attempting to improve or protect. Select one Primary Species.

Salmonid Species	Species Targeted (select as many as apply)	Primary Species (select only one)
Bull Trout	☒	☐
Chinook	☒	☐
Chum	☐	☐
Coho	☐	☐
Cutthroat	☐	☐
Pink	☐	☐
Sockeye	☐	☐
Steelhead	☒	☒

Habitat Factors Addressed

Identify one or more Habitat Factors being addressed by this Project and select one Primary Factor.

Habitat Factors	Project Addresses (select as many as apply)	Primary Factor (select only one)
1. Biological Processes	☐	☐
2. Channel Conditions	☒	☐
3. Estuarine and Near-shore Habitat	☐	☐
4. Floodplain Conditions	☒	☐
5. Lake Habitat	☐	☐
6. Loss of Access to Spawning and Rearing Habitat	☐	☐
7. Riparian Conditions	☒	☐
8. Streambed Sediment Conditions	☒	☐
9. Water Quality	☒	☐

10. Water Quantity	☒	☒

Species/Habitat Factors Information Sources

For Species Information provide the source and indicate if the species listed are directly on-site at some point in their life stage (i.e. SaSI, WDFW Stream Catalog, Stream Survey/Field Observation, Limiting Factors Distribution Maps).

For Habitat Factors Information list the study/report and date identifying the habitat factors for your project (i.e. SaSI, limiting factors analysis, watershed analysis, other assessments, or studies).

Study Name	Author	Date
Klickitat Lead Entity Strategy	Klickitat Lead Entity	2007
Statewide Strategy to Recover Salmon	WA State Joint Natural Resources Cabinet	1999
Klickitat Salmonid Habitat Limiting Factors Analysis	WA State Conservation Commission	1999
Klickitat Subbasin AnadromousFishery Master Plan	Yakama Nation and WDFW	2004
Klickitat Basin (WRIA 30) Watershed Management Plan	WRIA 30 Planning Unit	2005

Summary of Funding Request and Match Contribution

Remember to update this section whenever changes are made to your cost estimates.

TOTAL PROJECT COST (A + B)
(Sponsor Match & SRFB Contribution) $105788

A. Sponsor Match Contribution (15% minimum is required for match)

Appropriation/Cash	$	
Bonds - Council	$	
Bonds - Voter	$	
Cash Donations	$ 2000	
Conservation Futures	$	
Donations		
Donated Equipment	$ 10750	
Donated Labor	$ 1200	
Donated Land	$	
Donated Materials	$ 10000	
Donated Property Interest	$	
Force Account		
Force Acct - Equipment	$	
Force Acct - Labor	$	
Force Acct - Material	$	
Grants*		
Grant - Federal	$	
Grant - Local	$	
Grant - Private	$	
Grant - State	$	
Grant - IAC	$	
Grant - Other	$	
Total Sponsor Match Contribution		$23950
15% Minimum Match Required of A. TOTAL PROJECT COST		

B. SRFB Contribution (grant request) $81838
$5,000 Minimum Request

***Note, be sure to identify the name and type of any matching grant in the Application Questionnaire Section.**

Note: The Total Project Cost must equal the totals from the following Cost Estimate Sections.

Permits

Check the appropriate boxes to indicate required and/or anticipated permits.
General permit information can be obtained at the Dept. of Ecology Permit Assistance Center 1-800-917-0043 or on their Internet site http://www.ecy.wa.gov/programs/sea/pac/index.html.

Permits	Comments Regarding Permit Status
☐ Aquatic Lands Use Authorization *(Dept of Natural Resources)*	
☐ Building Permit *(City/County)*	
☐ Clear & Grade Permit *(City/County)*	
☐ Cultural Assessment [Section 106] *(CTED-OAHP)*	
☐ Dredge/Fill Permit [Section 10/404 or 404] (*US Army Corps of Engineers)*	
☐ Endangered Species Act Compliance [ESA] *(US Fish & Wildlife/NMFS)*	
☐ Forest Practices Application [Forest & Fish] (*Dept of Natural Resources)*	
☐ Health Permit *(Dept of Health/County)*	
☒ Hydraulics Project Approval [HPA] *(Dept of Fish & Wildlife)*	Will apply for this permit via JARPA as part of planning process.
☐ NEPA *(Federal Agencies)*	
☒ SEPA *(Local or State Agencies)*	Will apply for this permit via JARPA as part of planning process.
☒ Shoreline Permit *(City/County)*	Will apply for this permit via JARPA as part of planning process.
☒ Water Quality Certification [Section 401] *(County/Dept of Ecology)*	Will apply for this permit via JARPA as part of planning process.
☐ Water Rights/Well Drilling Permit *(Dept of Ecology)*	
☐ Other Required Permits (identify)	
☐ None – No permits Required	

Restoration Cost Estimate ~ Riparian

RIPARIAN HABITAT includes those freshwater, marine near-shore, and estuarine items that affect or will improve the riparian habitat outside of the ordinary high water mark or in wetlands. Items may include plant establishment/removal/management, livestock fencing, stream crossing, and water supply.

Complete only items that apply to your project.
TOTAL COST must include the SRFB and Sponsor's Match Contribution.
Use only whole dollar amounts.

Item	Unit	Qty.	Total Cost	Description Needed	Description (60 characters max.)
Livestock fencing	Linear ft			Material	
Livestock stream crossing	Lump sum			Describe	
Livestock water supply	Lump sum	2	17800	Describe	Installation of two off-stream watering stations for cattle.
Log control (weir)	Each			Optional	
Permits	Lump sum	3		Optional	Permits are not expected to have a cost associated
Plant removal/ control	Acres			Optional	
Riparian plant installation	Sq ft	40000	27105	Describe	Collect and plant livestake cuttings and conifer plantings
Riparian plant materials	Each	9000	5000	Describe species	Purchase seed and plnats, value of livestake cuttings
Rock control (weir)	Each			Optional	
Signage	Each			Describe	
Site maintenance	Lump sum	1	10190	Describe	Monitoring and maintenance of plantings and structures.
Wetland restoration	Acres			Describe	
Woody debris placement	Each	50	26015	Describe	Install 40-50 channel roughness/sediment capture structures
Sales Tax	**2460**				
Sub-Total	**88570**				
Architecture, Engineering, & Admin. (30% of Sub-Total)	**17218**				
TOTAL COSTS	**105788**				

Goal and Objective and Measurements ~ Riparian

Select <u>one</u> goal and <u>one</u> objective that best fits your project and respond to the measurements for that goal and objective.

Goal: The goal of the project is to connect isolated freshwater wetland habitat to increase the range and distribution of salmon.	☐
Objective: The objective of the project is to increase access to freshwater wetland side channels, oxbows, and other channels.	
Measurement: Amount of artificial wetland area created? [Acres of artificial wetland proposed to be created and actually created from an area not formerly a wetland.]	Acres
Measurement: Amount of wetland area of invasive species treated? [The acreage of invasive species proposed for treatment and actually treated in the wetland project. The proposed project area may only be a portion of an existing wetland such as removing an area of purple loosestrife.]	Acres
Measurement: Amount of wetland area treated? [Acres of wetland proposed for treatment and actually treated. Note: Include acres of invasive species proposed for treatment or treated.]	Acres
Measurement: Average stream width, in feet, upstream of barrier [Report the average width of the stream upstream from the barrier.]	Average width in feet
Measurement: Length of stream section treated. [One side only]	Miles
Measurement: Length of streambank treated for stabilization. (If both sides, add lengths).	Miles
Measurement: Length of instream habitat treated, except for bank stabilization. (One side only).	Miles
Measurement: Percent rearing habitat opened up? [Report the percent of rearing habitat that is being opened up as a result of this project.]	% Rearing
Measurement: Percent spawning habitat opened up? [Report the percent of spawning habitat that is being opened up as a result of this project.]	% Spawning
Goal: The goal of the project is to restore native riparian vegetation along salmon bearing streams.	☐
Objective: The objective of the project is to restore natural streamside vegetation, improve stream temperature, reduce erosion, filtration, and recruit large woody debris.	
Measurement: Amount of riparian area treated except for invasive species treatment? [This refers to the total riparian acres proposed and actually treated. Examples of treatment include riparian plantings, or protection of riparian zone with a fence. Note: Report the invasive species separately.]	Acres
Measurement: Amount of riparian area treated for invasive plant species? [This refers to the acres of invasive plant species proposed and actually treated. An invasive species is a plant species that is recognized by the State or Tribe as an invasive species.]	Acres
Measurement: Length of riparian stream bank treated? [This refers to meander miles of stream bank proposed for treatment and treated. Report the actual length of proposed treatment, adding lengths of treatment on both sides if treatment was on both sides.]	Miles
Measurement: Length of stream section treated. [One side only]	Miles

Goal and Objective and Measurements
Riparian (Combination projects only)

Select <u>one</u> goal and <u>one</u> objective that best fits your project and respond to the measurements for that goal and objective.

Goal: The goal of the project is to protect and connect isolated freshwater wetland habitat to increase the range and distribution of salmon.	☐
Objective: The objective of the project is to protect and increase access to freshwater wetland side channels, oxbows, and other channels.	☐
Measurement: Amount of artificial wetland area created? [Acres of artificial wetland proposed to be created and actually created from an area not formerly a wetland.]	Acres
Measurement: Amount of wetland area of invasive species treated? [Acres of invasive species proposed for treatment and actually treated in the wetland project. The project area may only be a portion of an existing wetland such as removing an area of purple loosestrife.]	Acres
Measurement: Amount of wetland area treated? [Acres of wetland proposed for treatment and actually treated. Include acres of invasive species proposed for treatment or treated.]	Acres
Measurement: Average stream width, in feet, upstream of barrier [Report the average width of the stream upstream from the barrier.]	Feet
Measurement: Length of stream bank protected through land acquisition/easement/lease. [If both sides, add lengths].	Miles
Measurement: Length of stream section treated. [One side only]	Miles
Measurement: Length of streambank treated for stabilization. (If both sides, add lengths).	Miles
Measurement: Length of instream habitat treated, except for bank stabilization. (If both sides, add lengths).	Miles
Measurement: Percent rearing habitat opened up? [Report the percent of rearing habitat that is being opened up as a result of this project.]	% Rearing
Measurement: Percent spawning habitat opened up? [Report the percent of spawning habitat that is being opened up as a result of this project.]	% Spawning
Goal: The goal of the project is to protect and restore native riparian vegetation along salmon bearing streams.	☒
Objective: The objective of the project is to protect and restore natural streamside vegetation, improve stream temperature, reduce erosion, filtration, and recruit large woody debris.	
Measurement: Amount of riparian area treated except for invasive species treatment? [The total riparian acres proposed and actually treated. Examples include riparian plantings, or protection of riparian zone with a fence. Note: Report the invasive species separately.]	Acres
Measurement: Amount of riparian area treated for invasive plant species? [This refers to the acres of invasive plant species proposed and actually treated. An invasive species is a plant species that is recognized by the State or Tribe as an invasive species.]	Acres
Measurement: Length of riparian stream bank treated? [This refers to meander miles of stream bank proposed for treatment and treated. Report the actual length of proposed	2.5 Miles

treatment, adding lengths of treatment on both sides if treatment was on both sides.]	
Measurement: Length of stream bank protected through land acquisition/easement/lease. (If both sides, add lengths)	Miles
Measurement: Length of stream section treated. [One side only]	1.25 Miles

Riparian Projects
Application Materials Checklist

Application Materials must be submitted for each project on the lead entity list.

Available in PRISM	✓	Item	Section
✓		**General Application Information**	Section 2
✓		Applicant / Organization Information	Section 2
✓		Project Contact Information	Section 2
✓		Application Questionnaire (cost efficiencies, land ownership, worksite location)	Section 2
✓		Short Description of Project	Section 2
✓		Salmonid Species Information	Section 2
✓		Habitat Factors Addressed	Section 2
✓		Species/Habitat Factors Information Sources	Section 2
✓		Summary of Funding Request and Match Contribution	Section 2
✓		Permits	Section 2
Attach		Project Partnership Contribution Form	Section 2
Attach		Landowner Willingness Form	Section 2
✓		**Riparian Specific Forms**	Section 7
✓		Riparian Habitat Cost Estimate	Section 7
Attach		Evaluation Proposal	Section 7
✓		Goals and Objectives	Section 7
		Riparian Habitat Projects Checklist	Section 7
Attach		**Maps (general vicinity & work site)**	Applicant Creates
Attach		**Project Photos**	Applicant Creates
Attach		**Other Materials (optional)**	Applicant Creates

✓ - Items with a check mark can be entered directly into PRISM. Items marked "Attach" can be attached as document in PRISM, however if this is not possible, documents can be mailed to the IAC Office.