



Saturday, February 19, 2022

2022 Regional Project Pre-application

2022 Upper Columbia Regional Project Pre-Application

* Pre-applications due February 28, 2022 at 12pm

*Complete applications due April 20, 2022

*Final applications due May 19, 2022 at 12pm

***Project Title**

Wenatchee Permanent Instream Flow
Improvement Project

Contact Information

***Sponsor**

Chelan County Natural Resources Department

***Primary Contact**

Mike Kaputa

***E-Mail Address**

mike.kaputa@co.chelan.wa.us

Budget Request

***Anticipated Request - SRFB (standard round)**

750000

***Anticipated Request - Tributary Committee**

250,000

***Anticipated Request - Targeted Investments (Southern Resident orca recovery)**

3,000,000

***Anticipated Other Funding**

2,000,000

***Anticipated TOTAL Budget**

3,000,000

***Other Funding Source(s)**

Columbia Basin Water Transactions Program

Project Location

*Briefly describe the location of the project

The project begins at the Wenatchee-Chiwawa Irrigation District diversion on Wenatchee Chiwawa Irrigation District diversion at Clear Creek, tributary to the Chiwawa River. Benefits will be to instream flows in Clear Creek, lower Chiwawa River, and the Wenatchee River to the Columbia River to the Pacific Ocean.

*Latitude (decimal degrees)

47.798896

*Longitude (decimal degrees)

-120.632652

*Project subbasin

Wenatchee

*Wenatchee Assessment Unit(s)

Wenatchee River-Beaver Creek

*Reach(es) Name

multiple

***Identify the reach(es) priority/ reach ranking. Note: If the project involves work in multiple reaches, select "Multiple" and include details in the text box that will appear below.**

Rank 1

Multiple reaches (provide details below)

*Please detail the reach-ranking of the reaches below

Clear Creek
Lower Chiwawa River
All mainstem Wenatchee River reaches below Chiwawa River confluence

Project Information

1. *In one or two sentences, what do you propose to do? Please include SMART objectives in your statement (Specific, Measurable, Achievable, Realistic, and Time-bound). Example format: The project seeks to address [specify limiting factor(s)] for [limiting life stage(s)] by [specific actions proposed] to

create an estimated [include specific target metrics, as described below] upon implementation in [estimated year].

Acquire the Wenatchee Chiwawa Irrigation District 10 cfs water right on Clear Creek to improve instream flows in Clear Creek, lower Chiwawa River and the mainstem Wenatchee River to the Columbia River and Pacific Ocean. The project will benefit spring Chinook, steelhead, bull trout and resident fish and facilitate the restoration of Clear Creek at the current diversion location.

2. *What species will the project benefit?

Spring Chinook

Steelhead

Bull Trout

Summer Chinook

coho

3. *Select the project's objectives and the associated tracking metrics

Acquisition, Easements, Leases

Instream Flow

Instream Flow: Reporting Code

Miles of stream 'Protected' for adequate flow

Change in water flow

Cfs (Cubic feet per second) of water conserved per year

4. *Does this project already exist in Salmon Recovery Portal or PRISM?

No

5. *Has this project been submitted previously for funding through the SRFB and/or other process(es)?

No

6. *What category is the project?

Protection

Design and Restoration Proposals

Assessment Proposals

Protection Proposals

7. ***What type of protection are you proposing?**

Fee Simple

8. ***Is this protection project associated with a current or future restoration project?**

Yes

9. ***Placement - Does the project protect important high quality habitat and/or watershed processes and to what degree?**

Yes, the water acquisition protects important high quality and watershed processes immediately by significantly improving instream flow.

10. ***Freshwater Benefit - What would be the anticipated loss in survival, capacity or distribution for target species at the reach scale if the proposed area is not protected?**

Steelhead redds are likely de-watered by the current irrigation diversion and flow reduction caused by the diversion. Spring chinook in lower Clear Creek are adversely affected by low flows. Summer chinook in the mainstem Wenatchee River are adversely affected by low instream flows.

11. ***Threat - How imminent is the threat of habitat degradation to the proposed land if the project is not implemented?**

Habitat degradation occurs annually during the irrigation season due to the diversion and will continue without the acquisition.

12. ***Conditions - Briefly describe if there are any conditions regarding the protection of the property that could limit the protection benefits**

None. Upon acquisition of the water right, the diversion will be decommissioned.

13. ***Will there be public access?**

No

Monitoring Proposals

Project Risk and Economic Benefits

1. *What is the landownership?

private

2. *Have you secured landowner participation in or acceptance for this project?

Yes

***Please explain**

CCNRD has been working with the Wenatchee-Chiwawa Irrigation District on multiple projects for many years and has been developing this project with BPA as a funding partner.

3. *Describe any land owner requirements (e.g., design elements, right-of-ways, access agreements, liability waivers, etc.) and if/how they could affect the project

WCID will need to be compensated for the water right acquisition based on current market valuations.

4. *Will the project raise potential concerns for interest groups (e.g., recreational users) or the community at large (including upstream/downstream/ adjacent landowners)?

no

5. *Who will have the responsibility to manage and maintain the project? What is the responsibility of current or future landowners?

CCNRD will perform compliance monitoring as part of its CBWTP QLE responsibilities.

6. *Are other projects being proposed immediately upstream or downstream of worksite?

Yes

7. *Please describe the risk of failure associated with this project.

None

8. *Is there any public outreach planned during and/or after implementation? Does the project build community support for salmon recovery efforts?

CCNRD and the WCID board discuss the project during WCID board meetings. Yes.

9. *Does the project represent an opportunity for economic benefit? How much benefit does the project create for the dollars invested?

Yes, WCID will be able to upgrade their existing infrastructure to continue to serve their customers long into the future.

10. *Describe any partnerships, their experience, and types of contributions supporting the project.

CCNRD and WCID have convened a capable project team to carry out the acquisition.

Targeted Investment (Southern Resident orca recovery)

***Are you pursuing Targeted Investment funding?**

Yes

Supporting Documents

[Upper Columbia Process Guide 2022](#)

[SRFB Manual 18 \(2022\)](#)

[RCO Application Resources \(2022\)](#)

PROJECT: 22-1491 ACQ,REST, WENATCHEE INSTREAM FLOW IMPROVEMENT PROTECTION

Sponsor: Chelan Co Natural Resource Program: Salmon State Projects Status: Application Submitted

Parties to the Agreement

PRIMARY SPONSOR

Chelan County Natural Resources Department

Address 411 Washington St Ste 201

City Wenatchee **State** WA **Zip** 98801

Org Type County-Open Space/Nat Resources

Vendor # SWV0001231-12

UBI

Date Org created

Org Notes

[link to Organization profile](#)

Org data updated

SECONDARY SPONSORS

No records to display

LEAD ENTITY

Upper Columbia Salmon Rcy Bd L

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	22-1491	DHecker

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Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
<u>Amee Bahr</u> Rec. and Conserv. Office	Project Manager	(360) 867-8585	Amee.Bahr@rco.wa.gov
<u>Michael Kaputa</u> Chelan Co Natural Resource	Project Contact	(509) 670-6935	mike.kaputa@co.chelan.wa.us
<u>David Hecker</u> Upper Columbia Salmon Rcy Bd L	Lead Entity Contact	(208) 869-9446	dave.hecker@ucsr.org

Worksites & Properties

- # Worksite Name
- #1 Clear Creek, tributary to Chiwawa River, at Thousa

Acquisition	Restoration	Property Name
✓		WCID
	✓	Thousand Trails

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Worksite Map & Description

Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa

WORKSITE ADDRESS

Street Address NNA

City, State, Zip Plain WA 98826

Worksite Details

Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa

SITE ACCESS DIRECTIONS

Google Maps to Thousand Trails Campground, park at Clear Creek Lodge, walk to site

TARGETED ESU SPECIES

Species by ESU	Egg Present	Juvenile Present	Adult Present	Population Trend
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Chinook-Upper Columbia River
Spring, Wenatchee River,
Endangered

Steelhead-Upper Columbia River,
Wenatchee River, Threatened

Reference or source used

TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
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Bull Trout

Questions

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

NNA

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Project Location

RELATED PROJECTS

Projects in PRISM

PRISM Number	Project Name	Current Status	Relationship Type	Notes
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No related project selected

Related Project Notes

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.

#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.

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

Yes

#3a: How does this project fit into the sequencing of the larger project?

#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

Property: WCID (Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa)

✓ Acquisition Planned Acquisition Date 11/30/2023

Restoration

LANDOWNER

Name Wenatchee Chiwawa Irrigation District
Address
City Plain
State WA Zip 98826
Type Local

OWNERSHIP

Instrument Type Deed - Other
Purchase Type Fee ownership
Term Length Perpetuity
Yrs
Expiration Date
Note

Questions

#1: Provide a detailed description of the property. Describe the habitat types, size, and quality on site (forested riparian, floodplain, wetlands, tributary, main-stem, off-channel, bluff-backed beach, barrier beach, open coastal inlet, estuarine delta, pocket estuary, uplands, etc.), critical areas on site, and any other features that make the site unique.

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#2: Describe adjacent land uses. Describe the property's proximity to publicly owned or protected properties in the vicinity. Attach a map or aerial photo in PRISM that illustrates this relationship.

pending

#3: Is the property in need of restoration?

Yes

#3a: Describe the restoration needs, planned timeframe, and funding plan for implementation.

pending

#4: What is the current use and zoning for the property?

pending

#5: What is the property's Shoreline Master Plan designation?

Rural and Conservancy

#6: What portion of the property is within the 100-year floodplain and/or designated floodway?

pending

#7: Why are federal, state, and local regulations insufficient to protect this property from degradation?

pending

#8: Has the applicant requested and/or received a "waiver of retroactivity" from the RCO for the property in question? If yes, what was the sellers name, the approval date, and waiver number?

No

#9: Does the applicant hold an option or purchase and sale agreement for the property? If yes, what date will it expire?

No

Property: Thousand Trails (Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa)

Acquisition

✓ Restoration

LANDOWNER

Name WCID
Address NNA
City Plain
State Zip
Type Local

CONTROL & TENURE

Instrument Type Easement - Permanent
Timing Existing
Term Length Perpetuity
Yrs
Expiration Date
Note

Questions

This property is not being acquired. Questions not needed.

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Project Proposal

Project Description

Acquire the Wenatchee Chiwawa Irrigation District 10 cfs water claim on Clear Creek to improve instream flows in Clear Creek, lower Chiwawa River and the mainstem Wenatchee River to the Columbia River and Pacific Ocean. The project will benefit spring Chinook, steelhead, bull trout and resident fish and facilitate the restoration of Clear Creek at the current diversion location.

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Project Questions

#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.

pending

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

pending

#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](#)

pending

#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, Achievable, Relevant, and Time-bound). [Example Goals and Objectives](#)

pending

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

pending

#6: What are the assumptions and physical constraints that could impact whether you achieve your objectives? Assumptions and constraints 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?

pending

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

pending

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

pending

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

pending

#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?

pending

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

pending

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

pending

#12: Will veterans (including the veterans conservation corps) be involved in the project? If yes, please describe.

No

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Acquisition Supplemental

#1: Do you plan to restrict or limit general public availability or use of the site in any way? If yes, describe the type of restriction, the portion of the project area that will be restricted (an illustrative map may be requested), and the reason(s) the public will be restricted.

No

pending

#2: Is this a reach-scale or geographic envelope project?

No

#3: Describe the long-term stewardship and maintenance obligations for the acquisition project.

pending

Restoration Supplemental

#1: What level of design (per Appendix D) have you completed? Please attach.

None

#1a: What level of design will be produced prior to construction?

Final

#2: Will (or did) a licensed professional engineer design the project?

No

#2a: Describe the qualifications of the design team.

pending

#3: Does the project include measures to stabilize an eroding stream bank?

No

#4: Is the primary activity of the project invasive species removal?

No

#5: Is the primary activity of the project riparian planting?

No

#6: Describe the steps you will take to minimize the introduction of invasive species during construction and restoration. Consider how you will use un-infested materials and clean equipment entering and leaving the project area.

pending

#7: Describe the long-term stewardship and maintenance obligations for the project.

pending

Acquisition Metrics

Property: WCID (Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa)

REAL PROPERTY ACQUISITION

Miles of Streambank and/or Shoreline Protected by Land or Easement Acquisition

10.00

Land

Total cost for Land

\$750,000

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Acres by Acreage Type (fee simple)		Acres
	Lake	1.00
	Total	1.00
Acres zoned as agricultural land		0
Existing structures on site	No structures on site	
Market value of property improvements		\$0

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Restoration Metrics

Worksite: Clear Creek, tributary to Chiwawa River, at Thousa (#1)

Miles of Stream and/or Shoreline Treated or Protected (C.0.b)	10.00
Project Identified In a Plan or Watershed Assessment (C.0.c)	yes
Priority in Recovery Plan	yes
Type Of Monitoring (C.0.d.1)	Implementation Monitoring
Monitoring Location (C.0.d.2)	Onsite

INSTREAM FLOW PROJECT

Miles Of Stream 'Protected' For Adequate Flow (C.3.b)	10.00
Change In Water Flow (C.3.c)	10.00

Water leased or purchased (C.3.f.1)

Total cost for Water leased or purchased	\$1
Start Date Of No Withdrawal (C.3.f.4)	05/01/2024
End Date Of No Withdrawal (C.3.f.5)	04/30/2032
Acre Feet Of Water Purchased/Leased (C.3.f.2)	3,000

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Overall Project Metrics

COMPLETION DATE

Projected date of completion 11/30/2023

PROJECT ACQUISITION

Acquisition Primary Purpose Habitat Conservation

ACQUISITION COST ESTIMATES

Property: WCID (Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa)

Work Type	Estimated Cost	Property Value Determination: Appraised/Reviewed Value
Land	\$750,000	
Subtotal:	\$750,000	
Administration:	\$0	
Total Estimate For Property:	\$750,000	

Property: Thousand Trails (Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa)

Summary

Total Estimated Costs	\$750,000
Without Admin:	
Total Estimated Admin:	\$0
Total Estimated Acquisition Costs:	\$750,000

Restoration Cost Estimates

Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa

Category	Work Type	Estimated Cost	Note
Instream Flow Project	Water leased or purchased (C.3.f.1)	\$1	
	Subtotal:	\$1	
	Total Estimate For Worksite:	\$1	

Summary

Total Estimated Costs:	\$1
Total Estimated Restoration Costs:	\$1

Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
<u>Acquisition Costs</u>			
Land/Incidentals	\$750,000		
Admin	\$0		0 %
SUBTOTAL	\$750,000	100.00 %	
<u>Restoration Costs</u>			
Restoration	\$1		
SUBTOTAL	\$1	0.00 %	
Total Cost Estimate	\$750,001	100.00 %	

Funding Request and Match

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FUNDING PROGRAM

Salmon State Projects \$637,500 84.999887 '

SPONSOR MATCH

Other Monetary Funding

Donated Cash

Amount \$112,501.00

Funding Organization

Chelan County

Match Total: \$112,501.00

Total Funding Request (Funding + Match): \$750,001.00

Questions

#1: Explain how you determined the cost estimates

valuation

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Cultural Resources

Worksite #1: Clear Creek, tributary to Chiwawa River, at Thousa

#1: Provide a description of the project actions at this worksite (acquisition, development and/or restoration activities that will occur as a part of this project)

pending

#2: Describe all ground disturbing activities (length, width and depth of disturbance and equipment utilized) that will take place in the Area of Potential Effect (APE). Include the location of any construction staging or access roads associated with your project that will involve ground disturbance.

pending

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

pending

#4: 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).

pending

#5: Will a federal permit be required to complete the scope of work on the project areas located within this worksite?
No

#6: Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.
No

#7: Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?
No

#8: Is the worksite located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site?
No

#9: 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.
No

#10: Describe any ground disturbing activities that you plan to undertake within the next 5 years (separate from this project).

pending

Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
None - No permits Required					

Permit Questions

#1: Are you planning on using the federal permit streamlining process? [Limit 8](#)
No

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Attachments

Required Attachments

7 out of 7 done

Applicant Resolution/Authorizations	✓
Cost Estimate	✓
Landowner acknowledgement form	✓
Map: Parcel map	✓
Map: Restoration Worksite	✓
Photo	✓
RCO Fiscal Data Collection Sheet	✓

PHOTOS (JPG, GIF)

Photos (JPG, GIF)



509348

PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	04/20/2022	RCO Fiscal Data Collection Sheet	2022 SRFB FiscalDataCollectionSheet.pdf	MichaelK	2022 SRFB FiscalDataCollectionSheet.pdf, 509351	
	04/20/2022	Photo	ClearCreek4_27_21.jpeg	MichaelK	ClearCreek4_27_21.jpeg, 509348	✓
	04/20/2022	Map: Parcel map	Wenatchee Instream Flow.pdf	MichaelK	Wenatchee Instream Flow.pdf, 509347	✓
	04/20/2022	Map: Restoration Worksite	Map Pending.docx	MichaelK	Map Pending.docx, 509342	✓
	04/20/2022	Landowner acknowledgement form	Landowner Pending.docx	MichaelK	Landowner Pending.docx, 509329	
	04/20/2022	Cost Estimate	Cost Estimate Pending.docx	MichaelK	Cost Estimate Pending.docx, 509328	✓
	04/20/2022	Applicant Resolution/Authorizations	2022 SRFB ApplicantAuthorizationResolution.pdf	MichaelK	2022 SRFB ApplicantAuthorizationResolution.pdf, 509327	✓

Application Status

Application Due Date: 06/27/2022

Status Name	Status Date	Submitted By	Submission Notes
Application Submitted	04/20/2022	Michael Kaputa	
Preapplication	03/22/2022		

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. (Michael Kaputa, 04/20/2022)

Date of last change: 04/20/2022



Chelan Co Natural Resource; Wenatchee Instream Flow Improvement Protection (#22-1491)