



Saturday, February 26, 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**

Nason Creek Infrastructure Relocation Feasibility Assessment

## **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)**

100,000

### **\*Anticipated Request - Tributary Committee**

50,000

### **\*Anticipated Request - BPA Programmatic**

50,000

### **\*Other Funding Source(s)**

Floodplains by Design

## **Project Location**

### **\*Briefly describe the location of the project**

Nason Creek RM 13.3 to RM 9.4

### **\*Latitude (decimal degrees)**

47.780646

**\*Longitude (decimal degrees)**

-120.836449

**\*Project subbasin**

Wenatchee

**\*Wenatchee Assessment Unit(s)**

Lower Nason Creek

**\*Reach(es) Name**

Lower Nason Creek 9-12

**\*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

## 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].**

Conduct a feasibility assessment and produce conceptual designs for relocation of the Chelan PUD Chelan PUD McKenzie to Beverly 115kV line ("MB transmission line") in a three-mile reach of Nason Creek to facilitate implementation of floodplain restoration actions in this reach.

**2. \*What species will the project benefit?**

Spring Chinook

Steelhead

Bull Trout

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

Design, Monitoring or Assessment

**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?**

Design

## Design and Restoration Proposals

**7. \*What project phase(s) are proposed for completion?**

Conceptual Design

**8. \*Is your project within a completed (or soon-to-be completed) Reach Assessment or other type of assessment (e.g., Rapid Site Assessment, other)?**

BOR Nason Creek Upper White Pine Reach Assessment

**9. \*Which limiting factors does the project propose to address?**

Cover - Undercut Banks

Cover - Wood

Food - Food Web Resources

Off-Channel - Floodplain

Off-Channel - Side-Channels

Percent Fines/Embeddedness

Pool Quantity & Quality

Pools - Deep Pools

Temperature - Adult Holding

Temperature - Adult Spawning

Temperature - Rearing

**10. \*Which life stages will the proposed project address?**

Adult Migration

Adult Non-Spawning (Bull Trout)

Natal Rearing (Bull Trout)

Subadult Rearing (Bull Trout)

Fry

Holding and Maturation

Spawning and Incubation

Summer Rearing

Winter Rearing

**16. \*Methods - Briefly describe the potential (for design) or proposed restoration methods and how they will achieve project objectives.**

CCNRD will work with the PUD to hire a preferred contractor evaluate transmission line relocation.

## Assessment Proposals

## Protection Proposals

## Monitoring Proposals

## Project Risk and Economic Benefits

**1. \*What is the landownership?**

multiple

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

Yes

**\*Please explain**

Public and private landowners are aware that the feasibility and design effort is being explored.

**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**

Chelan PUD will need to ensure that relocation of the transmission line meets their strategic, financial and policy needs. A new right-of-way

would need to be secured for a new transmission line location.

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

Possibly. Private property owners near a new transmission line location may have concerns.

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

Upon completion, Chelan PUD would maintain the infrastructure.

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

Yes

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

Yes, there will be extensive public outreach. Depending on the final design, there may be some opposition to various alternatives.

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

No.

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

CCNRD and Chelan PUD are cooperating on a number of projects. Additionally, YN has project ideas in the reach that could benefit from transmission line relocation.

## **Targeted Investment (Southern Resident orca recovery)**

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

No (skip section)

### **Supporting Documents**

[Upper Columbia Process Guide 2022](#)

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

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

## PROJECT: 22-1486 PLAN, NASON CREEK INFRASTRUCTURE RELOCATION DESIGN

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	22-1486	DHecker

# Project Application Report - 22-1486

## 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	<a href="mailto:Amee.Bahr@rco.wa.gov">Amee.Bahr@rco.wa.gov</a>
<u>Michael Kaputa</u> Chelan Co Natural Resource	Project Contact	(509) 670-6935	<a href="mailto:mike.kaputa@co.chelan.wa.us">mike.kaputa@co.chelan.wa.us</a>
<u>David Hecker</u> Upper Columbia Salmon Rcy Bd L	Lead Entity Contact	(208) 869-9446	<a href="mailto:dave.hecker@ucsr.org">dave.hecker@ucsr.org</a>

## Worksites & Properties

### # Worksite Name

#1 Nason Creek White Pine Reach and Chelan County PUD

Planning

Property Name



# Project Application Report - 22-1486

## Worksite Map & Description

Worksite #1: Nason Creek White Pine Reach and Chelan County PUD

### WORKSITE ADDRESS

Street Address NNA

City, State, Zip Merritt WA 98847

## Worksite Details

Worksite #1: Nason Creek White Pine Reach and Chelan County PUD

### SITE ACCESS DIRECTIONS

Located on SR 2 near Merritt on White Pine Reach of Nason Creek. Various segments within four-mile reach.

### 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

# Project Application Report - 22-1486

## 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.

SR 2 within Chelan PUD Beverly-McKenzie Transmission Line Corridor

#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.

Tier 1 Restoration Area under UCSRB RTT Prioritization Strategy

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

Yes

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

Project will allow for restoration of Nason Creek currently impeded by transmission line and 48 power poles in this stretch.

#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

Develop conceptual designs for relocation of the Chelan PUD Chelan PUD McKenzie to Beverly 115kV line ("MB transmission line") in a three-mile reach of Nason Creek to facilitate implementation of floodplain restoration actions in this reach.

# Project Application Report - 22-1486

## 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

# Project Application Report - 22-1486

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## 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?

no

## Planning Metrics

### Worksite: Nason Creek White Pine Reach and Chelan County PUD (#1)

Area Encompassed (acres) (B.0.b.1)	40.0
Miles of Stream and/or Shoreline Affected (B.0.b.2)	4.00

### DESIGN FOR SALMON RESTORATION

#### Conceptual Design (B.1.b.11.a RCO)

Total cost for Conceptual design	\$200,000
Project Identified in a Plan or Watershed Assessment. (2457) (B.1.b.11.a)	yes
Priority in Recovery Plan (2458) (B.1.b.11.b)	yes

## Overall Project Metrics

### COMPLETION DATE

Projected date of completion	01/31/2024
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## Planning Cost Estimates

### Worksite #1: Nason Creek White Pine Reach and Chelan County PUD

Category	Work Type	Estimated Cost	Note
Design for Salmon restoration	Conceptual Design (B.1.b.11.a RCO)	\$200,000	
	Subtotal:	\$200,000	
	Total Estimate For Worksite:	\$200,000	

### Summary

Total Estimated Costs:	\$200,000
Total Estimated Planning Costs:	\$200,000

# Project Application Report - 22-1486

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## Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
Planning Costs			
Planning	\$200,000		
SUBTOTAL	\$200,000	100.00 %	
Total Cost Estimate	\$200,000	100.00 %	

## Funding Request and Match

### FUNDING PROGRAM

Salmon State Projects	\$170,000	85.000000 %
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### SPONSOR MATCH

Other Monetary Funding                      Donated Cash

Amount	\$30,000.00
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Funding Organization	Chelan County
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Match Total: \$30,00015.000000 %

Total Funding Request (Funding + Match): \$200,000100.000000 %

## Questions

#1: Explain how you determined the cost estimates

previous experience

## Cultural Resources

### Worksite #1: Nason Creek White Pine Reach and Chelan County PUD

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

pending

#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).

pending

#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.

No

#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.

No

# Project Application Report - 22-1486

## Project Permits

### Permits and Reviews

None - No permits Required

Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
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# Project Application Report - 22-1486

## Attachments

### Required Attachments

6 out of 6 done

- Applicant Resolution/Authorizations ✓
- Cost Estimate ✓
- Landowner acknowledgement form ✓
- Map: Planning Area ✓
- Photo ✓
- RCO Fiscal Data Collection Sheet ✓

### PHOTOS (JPG, GIF)

Photos (JPG, GIF)



# 509306

### 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, 509307	
	04/20/2022	Photo	transmission line power pole.jpg	MichaelK	transmission line power pole.jpg, 509306	✓
	04/20/2022	Map: Planning Area	Map Pending.docx	MichaelK	Map Pending.docx, 509305	✓
	04/20/2022	Landowner acknowledgement form	Landowner Pending.docx	MichaelK	Landowner Pending.docx, 509304	
	04/20/2022	Cost Estimate	Cost Estimate Pending.docx	MichaelK	Cost Estimate Pending.docx, 509303	✓
	04/20/2022	Applicant Resolution/Authorizations	2022 SRFB ApplicantAuthorizationResolution.pdf	MichaelK	2022 SRFB ApplicantAuthorizationResolution.pdf, 509302	✓

## 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

