PROJECT: 26-1125 PLAN, BEAVER WATSON RESTORATION DESIGN

Sponsor: Umatilla Confederated Tribes Program: Salmon State Projects Status: Preapplication

Parties to the Agreement

PRIMARY SPONSOR

Confederated Tribes of the Umatilla Indian Reservation

Address 46411 Timine Way

City Pendleton **State** OR **Zip** 97801-9467

Org Type Native American Tribe

Vendor # SWV0015803-01

UBI

Date Org created

Org Notes

link to Organization profile

☐ Org data updated

SECONDARY SPONSORS

No records to display

MANAGING AGENCY

Recreation and Conservation Office

LEAD ENTITY

Snake River Salmon Rec Bd LE

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

LINK AN EXISTING SRP PROJECT

Unlink

26-1125, Beaver Watson Restoration Design, Salmon Stal

Project Application Report - 26-1125

Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
Kat Moore Rec. and Conserv. Office	Project Manager	(360) 867-8426	kathryn.moore@rco.wa.gov
Kris Fischer Umatilla Confederated Tribes	Project Contact	(541) 429-7547	krisfischer@ctuir.org
Rory Corrigan Umatilla Confederated Tribes	Alt Project Contact	(971) 212-6763	rorycorrigan@ctuir.org
Ali Fitzgerald Snake River Salmon Rec Bd LE	Lead Entity Contact	(509) 382-4115	ali@snakeriverboard.org

Worksites & Properties

#	Worksite Name
#1	SRP Import

Planning	Property Name

Worksite Map & Description

Worksite #1: SRP Import

WORKSITE ADDRESS

Street Address

City, State, Zip

Worksite Details

Worksite #1: SRP Import

SITE ACCESS DIRECTIONS

Access can be made along the Tucannon Rd along it's entire length.

TARGETED ESU SPECIES

Species by ESU	Egg Present	Juvenile Present	Adult Present	Population Trend
Chinook-Snake River Spring/Summer, Tucannon River, Threatened	✓	✓	✓	Declining
Steelhead-Snake River, Tucannon River, Threatened	✓	✓	✓	Unknown

Reference or source used

WDFW 2023, Spring Chinook Salmon Hatchery Mitigation Evaluation for S.E. Washington 2022 Annual Report

TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
Bull Trout	Bull Trout frequent the reach.
Lamprey	A lamprey reintroduction project has been initiated by CTUIR and those fish are beginning show up in project reaches.

Questions

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

N/A

Project Location

RELATED PROJECTS

Projects in PRISM

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

Related Project Notes

Questions

#1: Did this project originate from the Shore Friendly program?

No

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

This project is located in the Tucannon River basin within the major spawning and rearing habitat for spring Chinook and steelhead. The project reach begins at 46.282175, -117.6558722223, and ends at 46.5094444, -117.653263889. The project is within the main-stem of the Tucannon and includes off-channel and floodplain habitat that is currently occupied by Beaver and Watson lakes. The project reach is low-gradient and includes a section of channel that would have been historically occupying a large section of the valley width with anastomosing channels and dynamic channel movement.

#3: 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.

Riparian is listed as a limiting factor in the SRSRB 2011 (pg jjjj) as well as it contributes elevated summer stream temperature and limited LWD supply which are also limiting factors (SRSRB 2011). In 2021, the Tucannon River Geomorphic Assessment and Habitat Restoration Study (Anchor QEA 2011) identified riparian and LWD as factors limiting in these reaches and recommends restoration of habitat to support riparian growth (pg 59).

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

Yes

#4a: How does this project fit into the sequencing of the larger project?

The TUCANNON RIVER PROJECT AREA 5-15 ASSESS/DESIGN (22-1021) is currently underway to minimize impacts on river and floodplain function caused by infrastructure on the Wooten Wild life Area. The first project currently underway is the Tucannon Big 4 (24-1069), planned for completion in 2029. The second project prioritized in the assessment is the relocation of the Beaver Watson (BW) impoundment out of the floodplain and the restoration of the BW reach. Actions targeted in this request are moving infrastructure in other planned and design projects including and the (26-1127) Wooten Floodplain Restoration (Road/Powerline) and PA14.1 design (24-1070). The BW will be designed congruent with the Big 4 project downstream.

#5: 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

The project will work with the Tucannon implementers to develop concepts assess alternatives and create a design to relocate Beaver and Watson lakes out of the floodplain, remove the the infrastructure from the river and floodplain, as well as the levees surrounding them, and the restoration of the floodplain and river in that footprint. The project area is within the Tucannon sub-basin within the priority spawning and summer rearing area of Snake River Spring Chinook and Summer Steelhead. The project will prepare a design for the removal two lakes and their infrastructure, including 0.3 miles of levees, and restoration of roughly 30 acres of floodplain. Beaver Lake and Watson Lake currently occupy roughly half of the available floodplain space creating a confined reach where a high velocity channel creates poor habitat, and a meander that is rapidly eroding the current road prism requiring frequent intervention.

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.

The project seeks to create a restoration design for the floodplain currently in the footprint of Beaver and Watson lakes and the area in the shadow of their levies. The confluence with Panjab Creek drops the Tucannon out of the Blue Mountains into a low gradient narrow valley roughly 7 miles upstream of the project area. From this point down various pieces of infrastructure including roads, artificial lakes, levies and more, creates disconnection of the channel and its floodplain in an already narrow valley. The confined and incised channel that runs through the reach exhibits high stream power, leading to poor large wood and gravel retention, high velocities, and overall poor habitat. The primary driver appears to be the lack of floodplain connectivity with only 28% of the floodplain being connected (PA 5-15 assessment, ongoing) creating excess stream power beyond the threshold of the system to mitigate erosive energy. Beaver and Watson lakes occupying roughly half of the floodplain has both created baseline disconnection by occupying valuable floodplain space and exacerbated disconnection over time as increased stream power created a more and more incised channel (Anchor QEA, 2011). The restoration design would seek to follow the preferred alternative selected by the co-managers in the PA 5 - 15 Assessment process (still in-process) removing Beaver-Watson lakes and their infrastructure and restoring the channel and floodplain through this reach using stage zero elements to reduce stream power and increase floodplain connectivity restoring the hydrologic regime and spawning and rearing habitat.

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

The primary limiting factor the project aims to address is the occupation of over half of the available floodplain by Beaver-Watson lakes. The issues affecting salmonids: lack of gravels, refugia, and overall habitat, cascade from this initial limiting factor (Anchor QEA, 2021). The lack of floodplain connectivity has prevented meeting the 2011 Salmon Recovery Plan objectives including confinement, riparian vegetation, embeddedness and LWM. The project expects to create a final design in accordance with the preferred alternative from PA 5 - 15 that will address excess stream power, poor habitat, altered hydrology, and a lack of complexity through the reach.

#3: **Project Goals.** 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**

Project goals include creating a shovel-ready design that: a) removes Beaver-Watson lakes and the levies surrounding them, b) creates complex channel morphology and inundates and utilizes floodplain space at regular intervals, c) restores hydrologic and geomorphic processes, d) creates quality spawning and rearing habitat. A successful design will benefit multiple life stages both for key salmonids (Steelhead, Chinook, Bull trout), and also lamprey and freshwater mussels. The goal would be to readily use the floodplain; not just have it engage at larger AEP events ensuring beneficial conditions at key seasonal times while also building resilience for higher flows. Decreased stream power creates better habitat and bed composition that benefits spawners, and access to floodplain and off-channel habitat will benefit juvenile life stages through refugia and access to a more diverse food source.

#4: **Project Objectives.** 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**

The project objectives would be as follows: 1). Actively coordinate with the current PA5-15 Tucannon Floodplain Assessment and Conceptual Design to maximize restoration efforts. Check-ins will occur at each design stage. 2.) Contract design firm to collaborate with WDFW (land owner), and USFS (road owner) 3.) Complete design through final design stage with co-manager approval. Design will include geotechnical analysis necessary to relocate the Beaver Watson fishing ponds and supply water, removal of existing infrastructure associated with existing impoundments, and grading and structure placement design for habitat restoration. 4.) Complete permitting needs to make project shovel ready, led by CTUIR following co-manager processes. Will follow design timeline.

#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.

1) Develop a final construction design for the newly located Beaver Watson fishing ponds.

#6: **Assumptions and Constraints.** 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?

The primary constraint that could delay or impact the completion of project objectives is co-manager disagreement on the design vision. If co-managers were to pull in different directions it could be disastrous for the project timeline. However, this is not anticipated to be an issue as the utility line and road segments that would be included in design have already been discussed and decided on through the PA 5 - 15 process. All relevant landowners and agencies were present through that process and thus have already bought into the design vision.

#7: **Previous Lessons Learned.** How have lessons learned from completed projects or monitoring studies informed this project?

The PA 5 - 15 process has informed the approach and sequencing of this project. The PA 5 - 15 assessment took a wholistic approach to developing a long-term collaborative vision from all the co-managers for the reach including Beaver-Watson. This process in combination with the 2021 Tucannon Geomorphic Analysis has placed the Beaver-Watson in the greater context of what is and is not functional in the Tucannon and where meaningful action can be targeted and taken. Thus, the initiative for the Beaver-Watson restoration comes from the framework of these other processes, and in turn these processes allow us to have confidence that connecting nearly 30 acres of floodplain by removing Beaver-Watson is a difference maker and fits in the sequencing and vision for the long-term management of the Tucannon river.

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

Other alternatives assessed included a levy setback and reduction of Beaver Lake, and a no-action alternative. The no-action alternative was dismissed on the basis of current conditions being untenable for all parties. The reach is incised with poor habitat and continues to get worse while high flows threaten state and federal infrastructure. The reduction alternative was not selected as the preferred alternative because it was not believed to provide a meaningful lift in the way the removal alternative did. Alternatives were analyzed and discussed in depth through the PA 5 - 15 assessment process and the co-managers selected the removal option as the preferred alternative as it provided the greatest impact to fish and overall ecosystem health while providing tertiary benefits to infrastructure such as flood resilience.

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

Stakeholders were engaged in the development of this project through participation in the ongoing Tucannon PA 5 - 15 Assessment.

#10: **Climate Change.** 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 design will focus on maximizing floodplain engagement which increases climate resilience against extreme weather (e.g. large flows and low summer flow). Traditionally, melting snowpack from the Blue Mountains has supplemented Tucannon streamflow into the summer months, but climate change has increased the variability of that snowpack and generally decreased the melting time meaning that low flows are becoming lower and occurring for a longer duration. Prolonged floodplain duration leads to increased localized shallow groundwater that can mimic snowpack supplementing streamflow in the thinner parts of the water year. Additionally, floodplain engagement at large flows means a dispersal of volume and energy that mitigates flood damage downstream including incision, while creating quality floodplain habitat.

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

Creating floodplain and off-channel habitat means both higher quantities of habitat and higher quality of habitat not only in the floodplain but also in the main channel. Additionally, it creates a greater diversity of habitats needed to support a more complex food web starting from the ground up at macroinvertebrates. Diversity of habitat and food webs create resilience through duplicity.

#11: **Project Team Experience.** Describe the project management team's experience managing this type of project. Describe other projects where they have successfully used a similar approach.

The co-managers have been working in the Tucannon collaboratively with the SRSRB and BPA Programmatic to complete large-scale restoration projects for the past 14 years, as part of this effort the group has experience developing designs and completing permitting necessary to construct projects. In addition to the restoration work completed, the group has completed assessments such as the 2012 Plan and the updated 2021 Plan. The co-managers have been working in the Tucannon collaboratively with the SRSRB and BPA Programmatic to complete the TUCANNON RIVER PROJECT AREA 5-15 ASSESS/DESIGN (22-1021). CTUIR has coordinated numerous restoration designs and has the expertise to work through sub contractors to complete designs for this project.

#12: **Veteran Involvement.** 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?
No

Planning Metrics

Worksite: SRP Import (#1)

Area Encompassed (acres) (B.0.b.1)	27.0
Miles of Stream and/or Shoreline Affected (B.0.b.2)	1.50

DESIGN FOR SALMON RESTORATION

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

Total cost for Conceptual design	$150,000
Project Identified in a Plan or Watershed Assessment. (2457) (B.1.b.11.a)	Northwest Marine Fisheries Service. 2017. ESA Recovery Plan for Snake River Spring/Summer Chinook Salmon (Oncorhynchus tshawytscha) & Snake River Basin Steelhead (Oncorhynchus mykiss). Portland, OR Salmon Recovery Plan for SE Washington (SRSRB 2011) Floodplain Management Plan WDFW 2012. Geomorphic Assessment and Restoration Plan (Anchor QEA 2021) Tucannon PA 5-15 Assessment (22-1021)
Priority in Recovery Plan (2458) (B.1.b.11.b)	Project was identified through the 2021 geomorphic assessment, prioritized through PA 5-15 Assessment process, and conceptualized through the comanager preferred alternative.

Preliminary design (B.1.b.11.a RCO)

Total cost for Preliminary design	$150,000
Project Identified in a Plan or Watershed Assessment. (1220) (B.1.b.11.a)	Northwest Marine Fisheries Service. 2017. ESA Recovery Plan for Snake River Spring/Summer Chinook Salmon (Oncorhynchus tshawytscha) & Snake River Basin Steelhead (Oncorhynchus mykiss). Portland, OR Salmon Recovery Plan for SE Washington (SRSRB 2011) Floodplain Management Plan WDFW 2012. Geomorphic Assessment and Restoration Plan (Anchor QEA 2021) Tucannon PA 5-15 Assessment (22-1021)
Priority in Recovery Plan (1222) (B.1.b.11.b)	Project was identified through the 2021 geomorphic assessment, prioritized through PA 5-15 Assessment process, and conceptualized through the comanager

	preferred alternative.
Final design and permitting (B.1.b.11.a RCO)	
Total cost for Final design and permitting	$200,000
Project Identified in a Plan or Watershed Assessment. (1221) (B.1.b.11.a)	Northwest Marine Fisheries Service. 2017. ESA Recovery Plan for Snake River Spring/Summer Chinook Salmon (Oncorhynchus tshawytscha) & Snake River Basin Steelhead (Oncorhynchus mykiss). Portland, OR Salmon Recovery Plan for SE Washington (SRSRB 2011) Floodplain Management Plan WDFW 2012. Geomorphic Assessment and Restoration Plan (Anchor QEA 2021) Tucannon PA 5-15 Assessment (22-1021)
Priority in Recovery Plan (1223) (B.1.b.11.b)	Project was identified through the 2021 geomorphic assessment, prioritized through PA 5-15 Assessment process, and conceptualized through the comanager preferred alternative.
CULTURAL RESOURCES	
Cultural resources	
Total cost for Cultural resources	$40,000
Acres surveyed for cultural resources	30.00

Overall Project Metrics

COMPLETION DATE	
Projected date of completion	02/26/2027

Planning Cost Estimates

Worksite #1: SRP Import

Category	Work Type	Estimated Cost	Note
Cultural Resources	Cultural resources	$40,000	
Design for Salmon restoration	Conceptual Design (B.1.b.11.a RCO)	$150,000	
	Final design and permitting (B.1.b.11.a RCO)	$200,000	
	Preliminary design (B.1.b.11.a RCO)	$150,000	
	Subtotal:	$540,000	
	Total Estimate For Worksite:	$540,000	

Summary

Total Estimated Costs:	$540,000
Total Estimated Planning Costs:	$540,000

Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
Planning Costs			
Planning	$540,000		
SUBTOTAL	$540,000	100.00 %	
Total Cost Estimate	$540,000	100.00 %	

Funding Request and Match

FUNDING PROGRAM

Salmon State Projects	$540,000	100.000000

SPONSOR MATCH

Questions

#1: Explain how you determined the cost estimates

Cost estimates were determined based on the Big 4 Design process which is the first design package product to come out of the PA 5-15 process. Using the completed bid and budget for that project with additional input from the design engineer led to the cost estimate for a Beaver-Watson a project reach of similar size and complexity.

Other Funding

OTHER FUNDING DETAILS

Cultural Resources

Cultural Resource Areas

Worksite #1: SRP Import

Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #

No permit data available.

Attachments

Required Attachments	4 out of 7 done
Applicant Resolution/Authorizations	
CCA Tribal Notification	
Cost Estimate	✓
Landowner Acknowledgement	✓
Map: Planning Area	✓
Photo	✓
RCO Fiscal Data Collection Sheet	

PHOTOS (JPG, GIF)

Photos (JPG, GIF)

700866

700983

PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	03/04/2026	Landowner Acknowledgement	LandownerAcknowledgementForm-BeaverWatson Signed.pdf	RoryC	LandownerAcknowledgementForm-BeaverWatson Signed.pdf, 701742	
	02/24/2026	Cost Estimate	26-1125-BeaverWatson_CostEstimate.xlsx	RoryC	26-1125-BeaverWatson_CostEstimate.xlsx, 701012	✓
	02/24/2026	Photo	Co-Manager Preferred Alternative	RoryC	W2r_Tucannon PA 5_15_preferred alt_20260120.jpg, 700983	✓
	02/24/2026	Map: Planning Area	Beaver-Watson Design Reach	RoryC	BW_webmap.pdf, 700981	✓
	02/24/2026	Photo	Screenshot 2026-02-24 130323.jpg	RoryC	Screenshot 2026-02-24 130323.jpg, 700866	✓

Application Status

Application Due Date: 06/22/2026

Status Name	Status Date	Submitted By	Submission Notes
Preapplication	01/15/2026		

I certify that, to the best of my knowledge, all information in this application is true and complete, and if artificial intelligence (AI) was used to prepare this application, I accept full responsibility for ensuring its accuracy and compliance. I understand incomplete applications will be rejected by RCO and that I may be asked to submit additional documentation before evaluation or approval of this project. I understand that if a grant is awarded to my project, I will be bound by all representations and commitments in this application, which RCO may enforce to the fullest extent permitted by law.

Date of last change: 03/04/2026

Salmon Recovery Funding Board cost estimate template

These budget sheets will assist the SRFB Review Panel in evaluating each project.
At least one budget detail template must be completed for a project proposal.
Applicants are encourage to consult RCO manuals for more information.
Instructions:

* Depending on the type or combination project, applicants should complete one or more budget sheets
* **Hover over a red flag** to view additional details
* The "budget check" column will calculate errors automatically. Cells in this column should = 0
* PLEASE **do not delete** rows, just leave the row blank
* Do not include a line item for contingency in your cost estimates. Ensure that each of your budget line items account for inflation and contingencies.
* It is important to **account for all costs** associated with completing a project, both required match and other sources of funding
* If you need addition rows, insert them making sure the Total is picking up all the items in the section
* The "Total All Sheets" automatically gathers costs from the three different project types

Please complete the following information	
Project Name	Tucannon Beaver Watson Restoration Design
SRFB #	26-1127
Sponsor	CTUIR

Project Name	Tucannon Beaver Watson Restoration Design
SRFB #	26-1127
Sponsor	CTUIR

ACQUISTION

			OVERALL PROJECT	GRANT REQUEST	MATCH			
			Budget must account for all costs to complete the project	*Enter only the amount of the grant request*	*The Grant Request and Match should equal the total project cost and Budget Check cell should be 0. Sponsors must account for all sources and types of match need to complete the project.*			
			Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Source (Grant, Cash, Materials, Labor, Volunteers, etc)	Match Type (federal, state, local)
Property Costs								
Item	Qty	Rate						
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		STotal	**$ -**	**$ -**	**$ -**	**$ -**		
Incidental Costs			Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Match Source	Match Type (federal, state, local)
Item	Qty	Rate						
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
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		$ -	$ -	$ -	$ -	$ -		

		STotal	**$ -**	**$ -**	**$ -**	**$ -**		

Administrative Costs			Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Match Source	Match Type (federal, state, local)
Item	Qty	Rate						
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		$ -	$ -	$ -	$ -	$ -		
		STotal	**$ -**	**$ -**	**$ -**	**$ -**		

Indirect Costs			Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Match Source	Match Type (federal, state, local)
Description	Approved Rate	Total Project Base						
Indirect Costs	0.000%	$ -	$ -	$ -	$ -	$ -		
Indirect Costs	0.000%	$ -	$ -	$ -	$ -	$ -		
		STotal	**$ -**	**$ -**	**$ -**	**$ -**		

Totals	**$ -**	**$ -**	**$ -**		
	PRISM Project Total	$ -			
	RCO Percentage	**Match Percentage**			
	#DIV/0!	**#DIV/0!**			

Administrative Budget Check	
A&E maximum allowed in PRISM	*$0.00*
A&E validation	*$0.00*

Cell: J10
Note: Cells should equal 0

Cell: A44
Note: Salaries & benefits, operating expenses, travel, project administration and other miscellaneous costs

Cell: A52
Note: Only complete if you plan on charging indirect expenses using a rate approved by RCO. The sponsor must have a current Fiscal Data Collection Sheet approved and on file to be eligible to charge indirect.

Cell: B60
Note: If this amount is less than 0, you have exceed the maximum allowed Admin cost in the SRFB Project budget.

DESIGN PROJECTS

The costs on this page are for design projects, not for the design phase of a restoration grant.

				OVERALL PROJECT	GRANT REQUEST	MATCH			
				Budget must account for all costs to complete the project	*Enter only the amount of the grant request*	*The Grant Request and Match should equal the total project cost and Budget Check cell should be 0. Sponsors must account for all sources and types of match need to complete the project.*			
				Amount	Grant Amount	Match in PRISM	Funding not reported in PRISM	Source (Grant, Cash, Materials, Labor, Volunteers, etc)	Match Type (federal, state, local)
Design Costs									
Category	Task Description	Qty	Rate						
			$ -	$ -	$ -	$ -	$ -		
Conceptual design	*30% Design*	1.00	$ 150,000.00	$ 150,000	$ 150,000	$ -	$ -		
Preliminary design	*80% Design*	1.00	$ 150,000.00	$ 150,000	$ 150,000	$ -	$ -		
Final design	*100% Design*	1.00	$ 200,000.00	$ 200,000	$ 200,000	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
Cultural resources	*Cultural resources report*	1.00	$ 40,000.00	$ 40,000	$ 40,000	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			STotal	**$ 540,000**	**$ 540,000**	**$ -**	**$ -**		
Indirect Costs				Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Match Source	Match Type (federal, state, local)
	Description	Approved Rate	Total Project Base						
	Indirect	0.000%	$ -	$ -	$ -	$ -	$ -		
	Indirect	0.000%	$ -	$ -	$ -	$ -	$ -		
			STotal	**$ -**	**$ -**	**$ -**	**$ -**		
			Totals	**$ 540,000**	**$ 540,000**	**$ -**	**$ -**		

Cell: K13
Note: Cells should equal 0

Cell: A29
Note: Only complete if you plan on charging indirect expenses using a rate approved by RCO. The sponsor must have a current Fiscal Data Collection Sheet approved and on file to be eligible to charge indirect.

RESTORATION

				OVERALL PROJECT	GRANT REQUEST	MATCH			
				Budget must account for all costs to complete the project	*Enter only the amount of the grant request*	*The Grant Request and Match should equal the total project cost and Budget Check cell should be 0. Sponsors must account for all sources and types of match need to complete the project.*			
				Amount	Grant Amount	Match in PRISM	Funding not reported in PRISM	Source (Grant, Cash, Materials, Labor, Volunteers, etc)	Match Type (federal, state, local)
Construction									
Category (choose one)	**Task Description**	**Qty**	**Rate**						
Construction		-	$ -	$ -	$ -	$ -	$ -		
Demolition and site prep		-	$ -	$ -	$ -	$ -	$ -		
Materials	*Riparian*	-	$ -	$ -	$ -	$ -	$ -		
Materials	*Power lines*	-	$ -	$ -	$ -		$ -		
Other		-	$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			STotal	**$ -**	**$ -**	**$ -**	**$ -**		

Administrative, Architechtural & Engineering				Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Match Source	Match Type (federal, state, local)
Category	**Task Description**	**Qty**	**Rate**						
Final design		-	$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			$ -	$ -	$ -	$ -	$ -		
			STotal	**$ -**	**$ -**	**$ -**	**$ -**		

Indirect Costs				Amount	Grant amount	Match in PRISM	Funding not reported in PRISM	Match Source	Match Type (federal, state, local)
	Description	**Approved Rate**	**Total Project Base**						
	Indirect	0.000%	$ -	$ -	$ -	$ -	$ -		
	Indirect	0.000%	$ -	$ -	$ -	$ -	$ -		
			STotal	**$ -**	**$ -**	**$ -**	**$ -**		

AA&E Budget Check		Totals	**$ -**	**$ -**	**$ -**	**$ -**
A&E maximum allowed in PRISM $	-			**PRISM Project Total**	$ -	
A&E validation	0			**RCO Percentage**	**Match Percentage**	
				#DIV/0!	**#DIV/0!**	

Cell: A29
Note: Architectural and engineering services, construction supervision, environmental site planning, project administration, travel and miscellaneous costs.

Cell: A42
Note: Only complete if you plan on charging indirect expenses using a rate approved by RCO. The sponsor must have a current Fiscal Data Collection Sheet approved and on file to be eligible to charge indirect.

Cell: B49
Note: This is the maximum allowable AA&E budget for the project. Cannot exceed 30% of the total SRFB restoration costs.

Cell: B50
Note: If this amount is less than 0, you have exceed the maximum allowed AA&E cost in the SRFB Project budget.

CUMULATIVE TOTALS

This sheet contains automatic calculations

Project Name	Tucannon Beaver Watson Restoration Design
SRFB #	26-1127
Sponsor	CTUIR

		OVERALL PROJECT Cost	GRANT REQUEST Amount	PRISM MATCH Amount	MATCH NOT IN PRISM Amount	*Budget Check*
Sheet #1 Acquisition						
Property Costs		$ -	$ -	$ -	$ -	0
Incidental Costs		$ -	$ -	$ -	$ -	0
Administrative Costs		$ -	$ -	$ -	$ -	0
Indirect Costs		$ -	$ -	$ -	$ -	
	STotal	$ -	$ -	$ -	$ -	0
Sheet #2 Design						
Design Costs		$ 540,000	$ 540,000	$ -	$ -	
Indirect Costs		$ -	$ -	$ -	$ -	
	STotal	$ 540,000	$ 540,000	$ -	$ -	0
Sheet #3 Restoration						
Construction Costs		$ -	$ -	$ -	$ -	0
AA&E		$ -	$ -	$ -	$ -	0
Indirect Costs		$ -	$ -	$ -	$ -	
	STotal	$ -	$ -	$ -	$ -	0
Totals		$ 540,000	$ 540,000	$ -	$ -	0

Cell: G10
Note: Cells should equal 0

choose category

Construction

Construction labor
Construction supervision
Cultural resources
Demolition and site prep
Equipment and equipment use
Materials
Mobilization
Other
Permits
Project signs
Surveys

Data collection
Assessments (geologic, hydraulic, etc.)
Conceptual design
Preliminary design
Final design
Other
Administrative

Choose one

Easement
Land and improvements
Rights

Appraisal
Appraisal Review
Baseline Inventory-Easement Only
Boundary Line Adjustment
Closing and Taxes
Cultural Resources
Demolition
Environmental Audit
Fencing
NEPA Compliance
Noxious Weed Control
Recording Fees

Relocation
Signs
Stewardship Plan
Survey
Title Reports and Insurance
Wetland Delineations

Data collection
Assessments (geologic, hydraulic, etc.)
Conceptual design
Preliminary design
Final design
Cultural resources
Permits
Equipment
Survey
Other
Administrative

Cell: A28
Note: specify property title and sale price

Cell: A35
Note: Appraisals/appraisal review, baseline documentation, land survey, fencing, closing, recording fees, taxes, title reports, insurance, cultural resources, wetland delineations, environmental audits, chain of title report and site investigations, noxious weed control, signage and stewardship plan

2/24/2026, 3:57:24 PM

1:14,373

- Existing Infrastructure
- Road Proposed for Setback
- Proposed Road Setback
- Bridge
- Reconnect Floodplain

Beaver-Watson Design Reach

0 0.1 0.2 0.4 mi

0 0.17 0.35 0.7 km

Anchor QEA, LLC, Vantor, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Erosion at Road

DOE Non-Compliant Dams

Watson Lake

Edge of Historical Floodplain

Parking Lot

Foot Bridge

Beaver Lake

Incision

Diversion Ditch

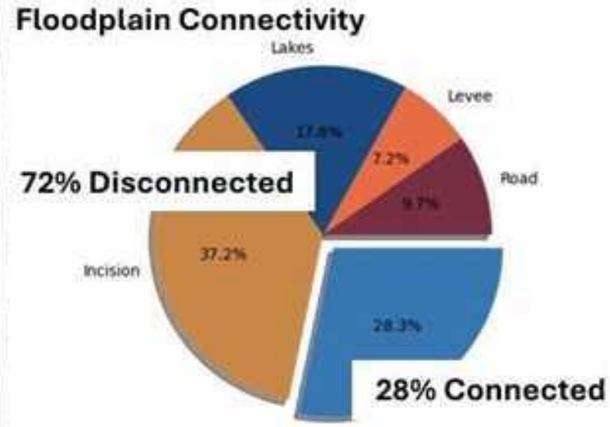
Edge of Current Floodplain

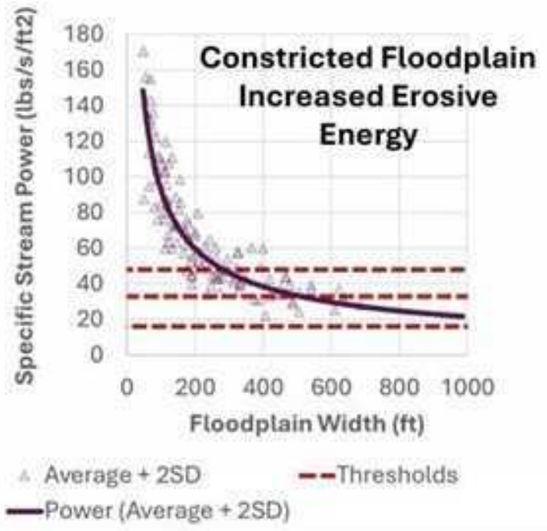
Edge of Historical Floodplain

Diversion Point

Photo: Liz Eastman, NPT Fisheries

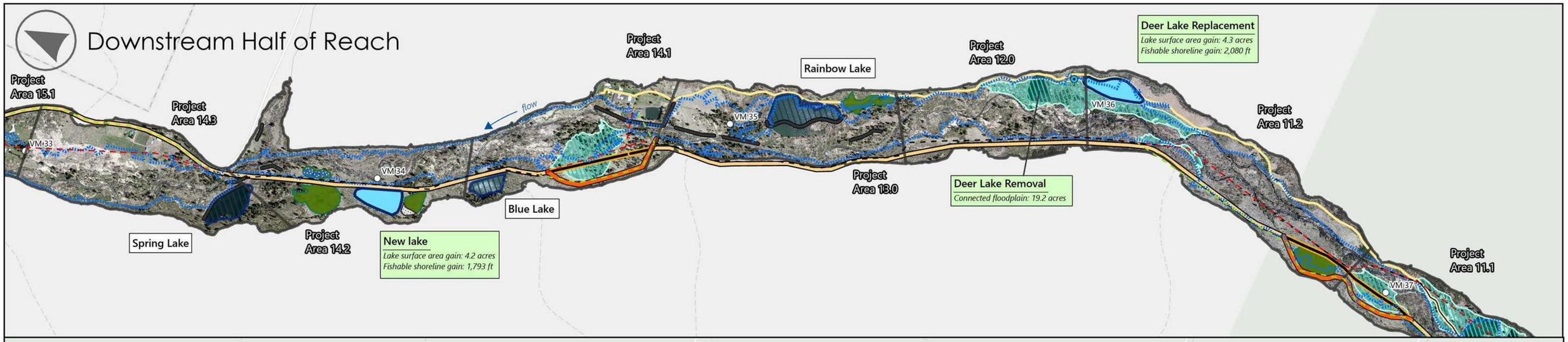
Fig 3 : Beaver Watson ponds with the dams and water diversions as located in the floodplain with the support infrastructure in place to protect them and provide access to them. The placement of the 5 ac ponds in the floodplain has severely constricted floodplain width increase stream power and increased incision damaging the road and access bridge during a 25-yr flood in 2020, cutting off access to the upper basin trapping residents at the Camp Wooten State Park.

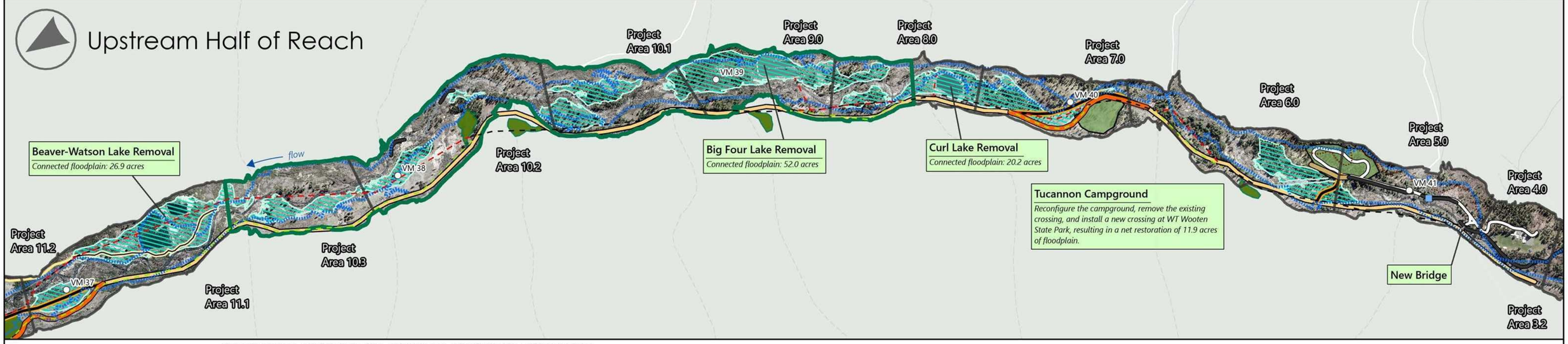




Umatilla Confederated Tribes; Beaver Watson Restoration Design (#26-1125)

Attachment #700866, Screenshot 2026-02-24 130323.jpg





ACTION	EXISTING FISHABLE SHORELINE (ft)	PROPOSED FISHABLE SHORELINE (ft)	EXISTING LAKE AREA (ac)	PROPOSED LAKE AREA (ac)	FLOODPLAIN AREA GAINED (ac)	DESCRIPTION
Beaver-Watson Lakes removal	1,642	0	4.2	0.0	26.9	Remove lakes and associated infrastructure.
Curl Lake removal	1,112	0	2.0	0.0	20.2	Remove lake and associated infrastructure. Lower Tucannon adult collection weir to be installed prior to lake removal.
Deer Lake removal and construct a replacement lake	605	2,080	2.3	4.3	19.2	Remove Deer Lake and associated infrastructure. Create a new 4.3-acre lake upstream and install groundwater well to supply lake.
New lake (near VM 34)	NA	1,793	NA	4.2	NA	Construct a 4.2-acre lake in the area between Blue and Spring Lakes.
Road and powerline setback	NA	NA	NA	NA	17.5	Setback road and powerlines at three locations within the project area to increase floodplain connectivity by 17.5 acres.
Tucannon Campground	NA	NA	NA	NA	11.9	Reconfigure the campground, eliminate the existing access crossing, and install a new bridge near WT Wooten State Park.
Totals	3,359	3,873	9	9	96	Achieve a net gain of 514 feet of fishable shoreline, with no loss of lake area, and restore 96 acres of active floodplain. Floodplain and channel processes and functions will be restored across all reclaimed floodplain areas.

Tucannon PA 5-15
Preferred Alternative

Remove Beaver-Watson, Curl, and Deer Lakes. Construct two new lakes and implement roadway and powerline setbacks at three locations. Reconfigure Tucannon Campground and install a bridge near Camp Wooten. Big Four restoration design is in progress.

Existing Conditions
- Project area
- Big 4 project area
- Lake
- WDFW campground
- USFS campground
- Approximate 100 yr (4,160 cfs)
- Floodplain channel
- Levee
- Road
- Service road
- Existing OHP
- Valley mile (2017)

Actions
- Restore floodplain
- New lake
- Polishing wetland
- Bridge
- Parking
- Camp access road
- Road removal
- Road setback
- Service road removal
- New alignment
- New levee
- Proposed OHP
- OHP removal
- Groundwater well
- New relief culvert

0 750 1,500 3,000 Feet

Umatilla Confederated Tribes; Beaver Watson Restoration Design (#26-1125)

Attachment #700983, Co-Manager Preferred Alternative

Landowner Acknowledgement Form

Project Applicant Information

Applicant Name: **CTUIR**
Project Number/Name: **Beaver-Watson Design**
Contact: Mr. **X** Ms. First Name: **Kris** Last Name: **Fischer**
Title: **Fish Biologist III – Tucannon Habitat Project Lead**
Mailing Address: **640 Water Center Dr., Walla Walla WA 99362**
E-Mail Address: **krisfischer@ctuir.org**

Property Information

Address or Location: **46°17'05.4"N 117°39'26.3"W / Tucannon Rd**
County/Parcel Number: **Columbia County / 2-009-41-003-1000, 2-009-41-002-6000**

Landowner Information

Landowner Name: Washington State Department of Fish and Wildlife
Representative: ☐ Mr. ☐ Ms. First Name: April Last Name: Stallinga
Title: Land Agent
Mailing Address: 2315 N. Discovery Place, Spokane Valley, WA 99216
E-Mail Address: April.Stallinga@dfw.wa.gov

1. WDFW is the legal owner of property described in the grant application being considered or submitted to the Recreation and Conservation Office by the project applicant.
2. I am aware that the project being proposed is on my property.
3. If a grant is successfully awarded, I will be contacted by the project applicant and asked to engage in negotiations.
4. My signature does not represent authorization of project implementation.
5. If I am affiliated with the project applicant, I will recuse myself from decisions made by the project applicant to work on or purchase my property.
6. There are no tenants on the property. Tenants displaced as a result of this project may be eligible for relocation assistance.

Landowner/Representative Signature

03/03/2026
Date