

# johj@yakamafish-n...

## Lower Little Bridge Cree...

Submission Date  
February 24, 2021 17:58

*Project Title	Lower Little Bridge Creek Restoration Project
*Sponsor	Confederated Tribes and Bands of the Yakama Nation
*Primary Contact	Jarred Johnson
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*Anticipated Request - SRFB	100000
*Anticipated Request - Tributary Committee	100000
*Anticipated Other Funding	200000
*Anticipated TOTAL Budget	400000
*Other Funding Source(s)	The Yakama Nation will cover additional costs through the BPA Fish Accord extensions.
*Briefly describe the location of the project	The project will use a helicopter to place 175 logs throughout 1.8 miles of Little Bridge Creek to improve habitat complexity for the benefit of Columbia River Steelhead and Bull Trout.
*Latitude (decimal degrees)	48.393076
*Longitude (decimal degrees)	-120.0309772
*Project subbasin	Methow
*Methow Assessment Unit(s)	Little Bridge Creek
*Reach(es) Name	LBC1
1. *In one or two sentences, what do you propose to do?	The Project will utilize a helicopter to place 175 logs with roots throughout approximately 10,000 linear feet of Little Bridge Creek and the adjacent floodplain.
2. *What species will the project benefit?	Steelhead Bull Trout

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

Instream Habitat (Includes Floodplain & Off-Channel Reconnection)

Instream Habitat: Reporting Code

Miles of instream habitat treated

4. \*Does this project or any of its phases (e.g., design) already exist in Salmon Recovery Portal or PRISM?

No

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

No

6. \*What category is the project?

Restoration

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

Construction

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)?

Upper Twisp River and Tributaries Habitat Assessment

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

Cover - Wood

Off-Channel - Floodplain

Pool Quantity & Quality

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

Fry

Summer Rearing

11. \*Freshwater Benefits - To what extent will your project improve survival, capacity and/or distribution for target species at the project scale?

Instream habitat complexity and floodplain interaction will be increased with each log placed in the river corridor. Specific habitat units which will be affected include pool quantity and quality, gravel sorting, retention of alluvial material and increased floodplain and side channel engagement. This will result in improved spawning, rearing and migration habitat for ESA-listed Steelhead and Bull Trout.

12. \*Temporal Effect - Briefly describe how and to what extent the project would promote natural stream/watershed process consistent with reach-scale geomorphology?

The Project elements will restore watershed processes within a nearly two mile reach of Little Bridge Creek, the largest tributary to the Twisp River. Results of the hydraulic model indicate that the imported logs will be self stabilizing during most flow events and will have dramatic effects on the geomorphology.

13. Temporal Effect - How long will it take for the benefits of the project to be realized?

1-10 years

14. Temporal Effect - How long will the restoration action and its benefits persist?

50+ years

1. \*What is the landownership?

Okanogan Wenatchee National Forest

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

Yes

\*Please explain

The Methow District is supportive of this project and have included the proposed actions in the Twisp Watershed Restoration NEPA.