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M2 RM 43

Submission Date
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*Project Title	M2 RM 43
*Sponsor	MSRF
*Primary Contact	Jessica Goldberg
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*Anticipated Request - SRFB	367,000
*Anticipated Other Funding	82,000
*Anticipated TOTAL Budget	448,000
*Other Funding Source(s)	Reclamation design support
*Briefly describe the location of the project	The project will occur along the Methow River between RM 42.8 and 43.2
*Latitude (decimal degrees)	48.3872
*Longitude (decimal degrees)	-120.1304
*Project subbasin	Methow
*Methow Assessment Unit(s)	Methow River-Thompson Creek
*Reach(es) Name	Middle Methow
1. *In one or two sentences, what do you propose to do?	The project proposes to increase connection between the main stem Methow and adjacent riparian by constructing a groundwater side channel to provide cool water refugia. In-stream placements of LWD and ELJ structures will be included to provide point complexity the Methow River.
2. *What species will the project benefit?	Spring Chinook Steelhead Bull Trout Summer Chinook

3. *Select the project's objectives and the associated tracking metrics	Instream Habitat (Includes Floodplain & Off-Channel Reconnection)
Instream Habitat: Reporting Code	Acres of channel/off-channel connected or added
	Miles of off-channel stream created
	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?	Preliminary Design Final Design 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)?	Middle Methow RA
9. *Which limiting factors does the project propose to address?	Cover - Wood Off-Channel - Side-Channels Temperature - Rearing
10. *Which life stages will the proposed project address?	Holding and Maturation Summer Rearing Winter Rearing
11. *Freshwater Benefits - To what extent will your project improve survival, capacity and/or distribution for target species at the project scale?	This project proposes to provide approximately 0.1 acres (4000 sq. ft.) of groundwater fed off-channel habitat to support juvenile rearing during both the summer and winter periods. Connection of the cold, groundwater source water with the alcove outlet will provide thermal refuge for pre-spawn adult Chinook on their journey to the upstream spawning areas. Increased habitat complexity on the main-stem Methow will provide cover for rearing juveniles and increase the amount of suitable rearing habitat available. The enhanced off-channel habitat will provide additional area with a distinct thermal regime that supports rearing juvenile fish and their food source.
12. *Temporal Effect - Briefly describe how and to what extent the project	This project will be designed to be consistent with reach-scale geomorphology. Habitat structures will mimic natural wood

would promote natural stream/watershed process consistent with reach-scale geomorphology?

accumulations on the heads of gravel bars and support sediment transport and sorting.

1. *What is the landownership?

Private, DNR (SOAL)

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

Yes

*Please explain

MSRF has established an ongoing dialogue with the private landowner and DNR and they are supportive of increasing habitat through the proposed concepts.