

jessica@methowsal...
M2 RM 41.75

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*Project Title	M2 RM 41.75
*Sponsor	MSRF
*Primary Contact	Jessica Goldberg
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*Anticipated Request - SRFB	650,000
*Anticipated Other Funding	185,000
*Anticipated TOTAL Budget	835,000
*Other Funding Source(s)	Reclamation design support
*Briefly describe the location of the project	The project will occur along the Methow River between RM 41.25 and RM 42
*Latitude (decimal degrees)	48.3751
*Longitude (decimal degrees)	-120.0441
*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?	MSRF is seeking funds to advance this project from current 10% design level through construction. The project proposes to restore annual connection to a 1/2-mile-long side channel on floodplain of the Methow River to improve and extend the period of accessibility when salmonids can access the channel side channel and existing perennial ponds and wetland areas.
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

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?

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 will enhance and expand fish access to 0.3 acres of side channel habitat and additional 0.3 acres of existing groundwater-fed wetland habitat. This habitat will provide a rich food source and increase the quality and quantity of connected rearing habitat. The side channel may be constructed with either a perennial or annual flow connection to the upper end of the channel, but in either event would maintain a perennial connection at the outlet, thereby increasing the amount of habitat available during all times of the year.

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

This project is located in an area where channel confinement and bank armoring actions have simplified the main stem habitat and isolated and cutoff several natural side channels. This project is proposed to increase the amount of connected floodplain and restore lost side channel length. The proposed actions would increase the width of the river corridor and allow opportunity for a more natural rate of channel migration.



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?

20-50 years

1. *What is the landownership?

private, DNR

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

Yes

*Please explain

MSRF owns a portion of the private property included in the project area and has ongoing discussions with adjacent landowners and DNR. The adjacent private property owner is supportive of this project.

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

This reach of the Methow River features a number of other restoration actions completed to support recovery of listed salmonids. MSRF acknowledges that the preferred alternative for levee modifications upstream of this project will need to provide assurance to funders, sponsors and local landowners that it will not adversely impact the benefits achieved by the proposed actions at this site.