

2023 Proposal Form for NorthWestern Energy (NWE) Project 2188 TAC Funds

Project 2188 (Madison-Missouri River) License Protection, Mitigation and Enhancement (PM&E) projects are required to offset impacts to river resources from the continued operation of one or more of NWE's nine hydro developments (Hebgen, Madison, Hauser, Holter, Black Eagle, Rainbow, Cochrane, Ryan and Morony Dams). PM&E projects need to be prioritized toward in-river or on-the-ground measures that directly benefit fisheries and/or wildlife populations and their habitats:

Priority 1: 2188 License projects which meet License Article requirements and PM&E for fisheries or wildlife populations or their habitats within the main stem Madison River (Hebgen Reservoir to Three Forks) or Missouri River (Hauser Reservoir to Fort Peck Reservoir)

Priority 2: 2188 License projects which meet License Article requirements and PM&E for fisheries or wildlife populations or their habitats in primary tributaries or on adjacent lands and, in doing so, provide PM&E for Madison River (Hebgen Reservoir to Three Forks) or Missouri River (Hauser Reservoir to Fort Peck Reservoir) resources.

Priority 3: 2188 License PM&E projects which meet License Article requirements by providing scientific or other tangible PM&E benefits to Madison-Missouri River fisheries or wildlife populations or their habitats. These projects must be located in the greater Missouri River drainage upstream from Fort Peck Reservoir, but not necessarily located on the main stem Madison River or Missouri River or their adjacent lands or primary tributaries.

All TAC project proposals must include the following information:

Project Title: North Central Montana Westslope Cutthroat Trout Restoration New Smith-Root LR-20B Backpack Electrofisher

Date: 11/07/2022

Explain how this Project addresses a specific Project 2188 License Article(s):

Project addresses Article 417, #4. Protect and provide for the recovery of threatened and endangered fish species and other aquatic species of special concern in the Great Falls reservoirs and below Morony Dam.

Provide justification for Priority 1, 2 or 3 (above) that you selected:

Priority 3 whereas the project will be located in the greater Missouri River drainage upstream of Fort Peck Reservoir.

The Smith-Root LR-20B Backpack Electrofisher is the primary tool used in the sampling of waters containing westslope cutthroat trout in the greater Missouri River drainage. It is used for long-term monitoring of westslope cutthroat trout populations, removal of nonnative fish for conservation of westslope cutthroat trout, collecting fish for genetic analysis, collecting fish for fish health analysis, and detecting presence/absence of westslope cutthroat trout in under surveyed waterbodies.

Project Sponsor (submitted by): Alex Poole, Montana Fish, Wildlife & Parks (FWP)

Location of Proposed Project: Majority of work is focused in the drainages of Highwood and Belt Creek. Other work may occur on headwater tributary drainages such as but not limited to Dearborn, Smith, Sun, Teton, Marias, and Judith rivers.

Geocode (in decimal degrees ex 46.89743) Lat;

Lon:

NA

Total Project Cost: \$8,720

TAC Funds Requested for Project: \$8,720

I. Introduction; brief statement of project to be completed with pertinent background information.

Native westslope cutthroat trout were historically the most widely distributed and only native trout species in the Great Falls Area. Significant population reductions have occurred, and it is estimated that westslope cutthroat trout currently occupy less than 5% of their historic range in the Missouri River drainage. The reduction in populations has been attributed to nonnative species introductions, habitat degradation, fragmentation, and overexploitation.

This project will fund the purchase of a new backpack electrofisher to perform the essential duties of westslope cutthroat trout restoration in North Central Montana. The Smith-Root LR-20B Backpack Electrofisher is the primary tool used in the sampling of waters containing westslope cutthroat trout in the greater Missouri River drainage. It is used for long-term monitoring of westslope

cutthroat trout populations, removal of nonnative fish for conservation of westslope cutthroat trout, collecting fish for genetic analysis, collecting fish for fish health analysis, and detecting presence/absence of westslope cutthroat trout in under surveyed waterbodies.

II. Objectives; explicit statement(s) of what is intended to be accomplished.

This backpack electrofisher will be used in daily activities involved with the conservation and restoration of westslope cutthroat trout in North Central Montana.

III. Methods; description of how Project objectives will be accomplished. NA

IV. Schedule; when the Project work will begin and end. Purchase backpack electrofisher for use in the 2023 field season.

V. Personnel; who will do the work? Identify Project leader or principal investigator. NA

VI. Project budget must include amounts for the following:

Direct Labor	NA
Travel and Living	NA
Materials	\$8,495
Other Direct Expenses (shipping)	\$225
Direct Overhead	Purchase by NWE
All contribution sources and amounts	

Smith-Root LR-20B Backpack Electrofisher with shipping **Total:** **\$8,720.00**

VII. Deliverables; describe work product (reports, habitat restoration, etc.) which will result from this Project. How will “success” for this project be monitored or demonstrated? The backpack electrofisher being purchased by 2023.

VIII. Cultural Resources. Cultural Resource Management (CRM) requirements for any activity related to this Project must be completed and documented to NWE as a condition of any TAC grant. TAC funds may not be used for any land-disturbing activity, or the modification, renovation, or removal of any buildings or structures until the CRM consultation process has been completed. Agency applicants must submit a copy of the proposed project to a designated Cultural Resource Specialist for their agency. Private parties or non-governmental organizations are encouraged to submit a copy of their proposed project to a CRM consultant they may have employed. Private parties and non-governmental organizations may also contact the NWE representative for further information or assistance. Applications submitted without this section completed, will be held by the TAC, without any action, until the information has been submitted.

Summarize here how you will complete requirements for Cultural Resource Management: No ground disturbance associated with this project.

IX. Water Rights. For projects that involve development, restoration or enhancement of wetlands, please describe how the project will comply with the Montana DNRC’s “Guidance for Landowners and Practitioners Engaged in Stream and Wetland Restoration Activities”, issued by the Water Resources Division on 9March2016.

Summarize here how you will comply with Montana water rights laws, policies and guidelines: No wetland development associated with this project.

All TAC Project proposals should be 7 pages or less and emailed (as a WORD file) to each of:

- Andrew.Welch@Northwestern.com
- Jon.Hanson@Northwestern.com
- Grant.Grisak@Northwestern.com

Further questions about TAC proposals or Project 2188 license requirements or related issues may be addressed to: Andy Welch, Leader Hydro License Compliance, NorthWestern Energy, 1315 N Last Chance Gulch, Helena, MT 59601; 406-444-8115 (office); 406-565-7549 (cell); Andrew.Welch@northwestern.com.