Midwest Glacial Lakes Fish Habitat Partnership

2024 Lake Conservation Grant Application

**Contact Information**

**Project Officer** **Project Co-Officer**

|  |  |  |  |
| --- | --- | --- | --- |
| Name: |  | Name: |  |
| Affiliation  |  | Affiliation |  |
| Mailing Address: |  | Mailing Address: |  |
| Email Address: |  | Email Address: |  |
| Phone Number: |  | Phone Number: |  |

**Project title** (100-character limit)

**Project Summary** (250-word limit)

**Geographic Location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lake Name | State | Lake MGLP ID\* | Latitude (decimal degrees) | Longitude(decimal degrees) |
| *e.g., Torch Lake*  | *MI* | *MIbrdch17478* | *44.95579* | *-85.30113* |

\*MGLP IDs for most lakes areavailable at the [MGLP Conservation Planner](http://midwestglaciallakes.org/resources/conservationplanner/). For eligible lakes without an MGLP ID, this field can be skipped.

**Ceded Territory**

Does this project affect Treaty-ceded Territory? If the project affects Treaty-ceded territory, but does not include tribal partners, please explain why not. Treaty-ceded Territory maps can be found in the [MGLP Conservation Planner](http://ifrshiny.seas.umich.edu/mglp/) by clicking the “Background map” button and turning on the “Show ceded territories” toggle button.

**State, Tribal, or Federal Agencies responsible for resource management in area where project will be located** Please choose all that apply.

|  |  |  |  |
| --- | --- | --- | --- |
| **☐**  | 1854 Treaty Authority | **☐**  | Ohio Department of Natural Resources |
| **☐**  | 1855 Treaty Authority | **☐**  | South Dakota Game, Fish and Parks |
| **☐**  | Illinois Department of Natural Resources | **☐**  | Wisconsin Department of Natural Resources |
| **☐**  | Indiana Department of Natural Resources | **☐**  | U.S. Fish and Wildlife Service |
| **☐**  | Inter-Tribal Council of Michigan | **☐**  | U.S. Forest Service |
| **☐**  | Iowa Department of Natural Resources  | **☐**  | U.S. Park Service |
| **☐**  | Great Lakes Indian Fish and Wildlife Commission | **☐**  | U.S. Bureau of Reclamation |
| **☐**  | Michigan Department of Natural Resources | **☐**  | U.S. Bureau of Land Management |
| **☐**  | Minnesota Department of Natural Resources | **☐**  | Other tribal management: (Please list) |
| **☐**  | North Dakota Game & Fish Department |

**Contact information for the Sponsoring Biologist at State, Tribal, or Federal Agency**

|  |  |
| --- | --- |
| **Name:** |  |
| **Telephone:** |  |
| **Email:** |  |

**Statement of Need** A description of why the project is necessary and important, and the consequences of not addressing the need (300-word limit).

**State the proposed benefits of the project** (500-word limit). Identify actions to be taken, anticipated ecological response, and benefits to the local economy.

**Public fishing access**

**☐** Already available at project site

**☐** Access to fishing created or improved (please describe)

**☐** No fishing access after project completion

**☐** Regional project (please summarize fishing access for affected lakes)

**Brief description of recreational fishing opportunities** (250-word limit)

**Species Targeted for Conservation** Please note any MGLP Priority Species (listed in the [Strategic Plan](http://midwestglaciallakes.org/wp-content/uploads/2020/06/MGLP-Strategic-Plan-2020-2025.pdf)) or Species of Greatest Conservation Need.

**Other Species Benefitting from Conservation** Please note any MGLP Priority Species (listed in the [Strategic Plan](http://midwestglaciallakes.org/wp-content/uploads/2020/06/MGLP-Strategic-Plan-2020-2025.pdf)) or Species of Greatest Conservation Need.

**State the problem and the specific cause of the problem to be addressed by the project.** (300-word limit)

**State the objective(s) of the project with reference to the problem.** Please state in SMART format (Specific, Measurable, Attainable, Realistic, Time bound) (300-word limit). For example, “By September 30, 2026, we will construct rock-arch rapids that allow for fish passage below the Clear Lake water level control structure.”

**State the methods used to accomplish the objective(s).** Be specific**.** (600-word limit)

**Conservation Actions Taken** choose all that apply**.**

☐ Reconnect aquatic habitat

☐ Reduce nutrient loading

☐ Reduce sediment loading

☐ Rehabilitate or restore sediment transport

☐ Remove fish barrier(s)

☐ Protect healthy habitat

☐ Rehabilitate or restore natural variability in river and stream flows

☐ Rehabilitate or restore natural variability in water surface elevations in natural lakes

☐ Control/eradicate invasive species

☐ Protect, rehabilitate or improve physical fish habitat (woody habitat, lunker structures, etc.)

☐ Outreach and education to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (please estimate total audience size)

☐ Conservation planning assessment

☐ Other, explain\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Explain how the project aligns with the relevant lake management plan(s) or the management guidelines provided by the** [**MGLP Conservation Planner**](http://midwestglaciallakes.org/resources/conservationplanner/) **(if no lake management plans exist)** (200-word limit)

**MGLP Strategic Plan Objectives.** Please list [MGLP Strategic Plan](http://midwestglaciallakes.org/wp-content/uploads/2020/06/MGLP-Strategic-Plan-2020-2025.pdf) objectives, strategies, outputs, and/or outcomes addressed by this project.

**Other Conservation Plans** List other relevant management or conservation plans that are addressed by this proposal and for each plan describe in 1-2 sentences how this proposal addresses the plan.

**National Fish Habitat Partnership National Conservation Priorities addressed**

Please select one or more of the following National Conservation Priorities; more information on the priorities can be found [here](https://www.fishhabitat.org/news/national-fish-habitat-board-approves-fiscal-year-2024-national-conservation).

|  |  |
| --- | --- |
| **☐**  | Conserve waters and habitats where all processes and functions are operating within their expected range or natural variation |
| **☐**  | Conserve hydrologic conditions for fish. |
| **☐**  | Conserve physical and living habitats and features that support viable and sustainable species and/or populations in impacted or at-risk systems.  |
| **☐**  | Reconnect fragmented fish habitats. |
| **☐**  | Conserve water quality for fish. |
| **☐**  | Support the structure and function of Fish Habitat Partnerships. |
| **☐**  | Enhance recreational, commercial, subsistence, and traditional fishing opportunities when conducting projects that conserve fish habitat. |

**How long are the benefits of the project expected to last and how will those benefits be sustained over time?** (100-word limit)

**Will the project address the effects of climate change on inland lakes and if so, how does it resist, adapt, or direct change within the lake?** Note that the [MGLP Conservation Planner](http://midwestglaciallakes.org/resources/conservationplanner/) includes climate change vulnerability and species suitability information. More [information on the resist, adapt, direct framework can be found here](https://www.usgs.gov/programs/climate-adaptation-science-centers/science/resist-accept-direct-rad-framework). 100-word limit)

**Project Completion** Can this project be completed within two years of a contract being initiated?

**Monitoring and Evaluation** A monitoring and evaluation plan is required for every project. Describe the plan for monitoring completion of objectives and evaluation of attempts to achieve these objectives. (250-word limit)

**Timeline for Monitoring and Evaluation** Brief description of the monitoring or evaluation timeline and when report will be available (100-word limit).

**Metrics** Please add one or more project accomplishment metrics to the Project Metrics tab of the Budget and Monitoring Template (available on the MGLP website).

**Adaptive Management Strategies** Brief description of strategies that will be used if the monitoring or evaluation indicated that project objectives are not being met (250-word limit).

**Education, Outreach, and Dissemination**

An education and outreach component is required for every project. Describe the outreach or education components for this project including the local or regional community. Examples could include a combination of posting signage at restored or protected areas, conducting workshops, webinars, newspaper articles, in-person presentations, mailings, door-to-door outreach campaigns, social media messages, newsletter articles, site tours, site evaluations and best management practice recommendations, educational events, and/or other options. (250-word limit)

**Project team**. Demonstrate the applicant’s ability to implement a project of this nature. Please list all personnel involved with this project and include details on their expertise, skill, or significance to the project. (250-word limit)

**Necessary authorizations.** Does this project have any special regulatory considerations, and if so, how will you address them? This may include mussels, threatened and endangered species, contaminated sediment, sea lamprey management, and/or other regulatory considerations. (250-word limit)

**Funding Request**

|  |  |
| --- | --- |
| **MGLP Funding Request:**  |  |
| **Total Partner Match: In-kind**  **Funding**  |  |
|  |
| **Project Total (including match): $** |  |

**If the project is scalable, please state the minimum amount of funding that you would be able to accept and still complete a substantially similar project.**

**Budget** Provide project budget details for personnel, supplies, equipment (including rental), permitting, and other costs using the Budget and Monitoring Template available on the MGLP website. Please provide any justifications or explanations in a narrative below.

**Contributing Partners** Please list specific partner names and their proposed contributions, including in-kind service cash value (*example: 100 volunteer hours of shoreland restoration in-kind value of $1800*).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Partner name** | **Partner location** (City, State) | **Partner description** (Non-profit, For-profit, Tribal, Local, State, or Federal government, or Other) | **Federal or federally tied funds** (Yes/No) | **Cash** | **In-kind** | **Total** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total  |  |  |  |  |  |  |

*Note: Please try to account for all proposed partners and their cash and in-kind contributions. Remember, in-kind contributions can add a significant amount to partner match and make your project more competitive, so please consider all contributions made to the project effort and convert those into in-kind matching dollars. Please note any funds that are not secured at the time of application.*

**PHOTOGRAPH(S) OF PROJECT AREA**

Please submit two to five photographs of the proposed project area and at least one map as separate files emailed to Joe Nohner (nohnerj@michigan.gov). “Before” and “after” photographs are required after project completion. Please provide credits for all pictures below.

☐ **The applicants give the MGLP permission to use the files listed below in communications and reporting (required).**

|  |  |
| --- | --- |
| File name | Credit |
|  |  |
|  |  |
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**Optional** State any additional information describing the importance of this project.