



Memphremagog (Basin 17) Clean Water Service Provider Water Quality Improvement Grant Application

Welcome to the application form for the second project solicitation by the Memphremagog Clean Water Service Provider (CWSP) and the Basin Water Quality Council (BWQC) for projects that improve water quality in Basin 17. This round of proposals for Water Quality Restoration Formula Grant funding will be considered by the Memphremagog BWQC on November 2nd, 2023.

Submit this form to Karen Freeman, Memphremagog CWSP Manager, at karen.freeman@vhcb.org along with other required documents **by 4 p.m., Tuesday, October 3, 2023.**

APPLICATION OVERVIEW

The Vermont Housing & Conservation Board (VHCB), the CWSP for the Memphremagog Basin, is issuing this Project Application for non-regulatory phosphorus removal projects within the Basin. Please refer to the [Call for Clean Water Project Proposals](#) document for more information on project/applicant eligibility and the project evaluation process. For more information about VHCB in its role as the Memphremagog CWSP see: [Memphremagog \(Basin 17\) Clean Water Service Provider](#).

APPLICANT INFORMATION

Organization/Municipality Name: Click or tap here to enter text.

Mailing Address (include Town, State, Zip Code): Click or tap here to enter text.

Name and Title of Point of Contact: Click or tap here to enter text.

Phone Number: Click or tap here to enter text.

Email Address: Click or tap here to enter text.

Please indicate if you are a:

- Non-Profit organization, Conservation District, regional planning commission, or municipality
- Municipality with project on municipal land
- Other: Click or tap here to enter text.



PROJECT ELIGIBILITY

Is the portion of the project that you are seeking funding for considered non-regulatory?

- Yes
- No
- Non-regulatory portion of larger regulatory project.

If no, your project is likely not eligible for CWSP funding, please contact VHCB staff for clarification if needed. If you are applying for funding for the non-regulatory portion of a larger regulatory project, please indicated in the box above, but provide clarifying details here: [Click or tap here to enter text.](#)

Does your project type meet the applicable definitions and minimum standards as provided in the CWIP Funding Policy?

- Yes
- No

Is the proposed project on agricultural land?

- Yes
- No

If yes, please either indicate below if this is a non-jurisdictional farm or provide supporting documentation from the Vermont Agency of Agriculture, Food, and Markets (VAAFMM) that this project is eligible for CWSP funding as an attachment to this application: [Click or tap here to enter text.](#)

PROJECT INFORMATION

Project Title: [Click or tap here to enter text.](#)

Watershed Project Database Number: [Click or tap here to enter text.](#)

Project Type (see [Appendix B Project Types Table](#) of the FY23 CWIP Funding Policy):
[Click or tap here to enter text.](#)

Project Phase (may check more than one box if applicable):

- Identification/Assessment
- Project Development
- Preliminary Design
- Final Design
- Implementation/Construction

If the proposed project is a continuation of a prior project funded by Vermont Clean Water Funds, please provide the grants source, Watershed Project Database Numbers, and date of completion for phases completed or currently underway: [Click or tap here to enter text.](#)



Does the project address or treat a water quality priority identified in the Memphremagog Basin 17 Tactical Basin Plan or another assessment, such as a Stormwater Master Plan, Lake Watershed Action Plan, or current monitoring or assessment data?

Yes

No

If yes, please indicate relevant plan and brief explanation of how this project supports the priorities in the plan: [Click or tap here to enter text.](#)

Project Location including towns(s), subwatershed(s), address if possible: [Click or tap here to enter text.](#)

Project GPS Coordinates (e.g. 44.26278, -72.58054): [Click or tap here to enter text.](#)

PROJECT COSTS

CWSP Project Funding Request (see budget attachment): [Click or tap here to enter text.](#)

Total leveraged/matching funds (if applicable): [Click or tap here to enter text.](#)

Project Completion Total (including leverage): [Click or tap here to enter text.](#)

PHOSPHORUS REDUCTION COST/EFFECTIVENESS

EXPECTED DESIGN LIFE (if known): [Click or tap here to enter text.](#)

ESTIMATED PHOSPHORUS REDUCTION VALUE – from [DEC Interim Phosphorus Calculation Tool](#) (*If project consists of project identification/assessment or development, provide best estimate of types of projects you hope to investigate and their typical phosphorus reduction benefits.*) [Click or tap here to enter text.](#)

COST EFFECTIVENESS – Cost effectiveness (\$/kg/yr) of a project with a design life of 15 years or greater is calculated by: Total capital project cost (\$) for design and construction ÷ annual average phosphorus load reduction (kg/yr) = (\$/kg/yr) [Click or tap here to enter text.](#)

PROJECT DESCRIPTION

PROJECT OVERVIEW and SCOPE OF WORK – include a description of the project, project need, work to be done, expected outcomes and timeline: [Click or tap here to enter text.](#)

CO-BENEFITS

Environmental Justice

- Prioritizes vulnerable communities Engages community stakeholders
Honors traditional ecological knowledge Improves access to clean water and food
Protects sacred resources and indigenous land
Other [Click or tap here to enter text.](#)

Key Pollutants Other Than Phosphorus

- Nitrogen, road salts, plastic/microplastics Sediment
Pathogens Heavy metals Sewage/wastewater
Contaminants of emerging concern
Other [Click or tap here to enter text.](#)

Ecosystem Services/Climate Resiliency

- Flood resiliency and hazard mitigation Reduces runoff and erosion Carbon sequestration
Enhances biodiversity, including native pollinator species
Reduces spread of aquatic and/or terrestrial invasive species
Improves aquatic and terrestrial habitat and/or connectivity
Addresses high risk areas due to past environmental degradation
Other [Click or tap here to enter text.](#)

Recreation and Community Enhancement

- Enhances accessibility to local natural areas Provides or improves outdoor recreation
Protects green spaces and improves aesthetics Enhances health and wellness
Increases tree canopy near recreational/community areas Public/private partnership
Other [Click or tap here to enter text.](#)

Education Benefit

- Includes watershed education and awareness of environmental problems
Promotes trust among communities, scientists and agencies
Project visibility and community outreach Includes community volunteers
Other [Click or tap here to enter text.](#)

Enhances Local Economy

- Job creation, retention and workforce development
Promotes sustainable energy practices Increases property values
Other [Click or tap here to enter text.](#)

Other (please clearly define co-benefit and differentiation from categories above)

- [Click or tap here to enter text.](#)



OTHER CONSIDERATIONS

OPERATIONS & MAINTENANCE – For design/implementation projects, if known, please provide details or any estimate of annual operations and maintenance costs: [Click or tap here to enter text.](#)

LEVEL OF CERTAINTY/RISK – Please describe the level of uncertainty of any element of your project and/or budget. Note status of securing site access from landowner (if applicable): [Click or tap here to enter text.](#)

BARRIERS – Please describe any potential barriers to completing this project and how you plan to manage those challenges: [Click or tap here to enter text.](#)

PROJECT BUDGET SUMMARY			
Expense/Item	Grant Request	Leverage /Match Funds	TOTAL
APPLICANT			
Project Management/Completion: staff expenses including salary and fringe benefits: be sure to budget for needed staff time for deliverables preparation and reporting tasks			
Volunteers or ad hoc employees			
Mileage Charges (use Federal 2023 rate of 65.5 cents/mile)			
Supplies / Materials not purchased by contractors			
Equipment Rentals or Equipment Use charges			
SUBCONTRACTORS			
Project Identification/Assessment /Development efforts			
Engineering/Design Services for 30% Design or Final Design			
Construction Management/Oversight Services			
Construction Services			
Other eligible costs (see 2023 CWIP Funding Policy)			
<i>Project Completion SUBTOTAL</i>			
Indirect**: If you have a negotiated indirect rate, you typically charge, please use that. Otherwise, you may charge up to 10% on the first \$50,000 of non-staff costs.			
<i>Project Completion TOTAL (Project Completion SUBTOTAL + Indirect)</i>			

Future costs: if you are only seeking funds for Preliminary (30%) Design or Final (100%) Design, please provide a “ballpark” estimate of anticipated Construction Costs. This information is helpful for the Basin 17 CWSP to determine the funding prioritization of design services.

Click or tap here to enter text.

APPLICATION ATTACHMENTS & SUBMISSION

To apply, please email this completed application, together with the **following documents, combined in the following order, into one PDF**, by the application deadline of **October 3, 2023 by 4:00 p.m.** to Karen.freeman@vhcb.org

1. Map of Project Area
2. Completed DEC [Interim Phosphorus Reduction Calculator Tool v1.0](#) **or** for Developed Land Projects, report from [DEC Stormwater Treatment Practice Calculator](#)
3. Natural Resources Screening Form: [Appendix A. Clean Water Initiative Program - Project Eligibility Screening Form](#) in the Clean Water Initiative Program [FY23 Funding Policy](#).
4. Detailed project budget (sample template included)
5. Indication of landowner support/awareness of required commitment (if applicable)