



Central Vermont Regional Planning Commission

**Water Quality Restoration Formula Grant
Winooski Basin - Sub-grant Application Form
FY24 - Round 1**

The Central Vermont Regional Planning Commission, in its role as the Clean Water Service Provider for the Winooski Basin, is accepting applications for funding for non-regulatory, phosphorous reduction projects that improve water quality. Fiscal Year 2024 - Round 1 proposals are due by 4:00 PM on 1 September 2023. For more information, including submission details, see the [Winooski Clean Water Service Provider webpage](#).

0. Project Eligibility

Please Review the following reference materials before completing your proposal:

- [FY23 Clean Water Initiative Program Funding Policy](#)
- [Act 76, Clean Water Service Provider Rule and Guidance & explanatory materials](#)

Is the portion of the project for which you seek funding both non-regulatory and voluntary? (i.e. not a required or compelled element of a regulatory permit or a legal settlement)? **(answer must be Yes to proceed)**

Does the project type meet the applicable definitions and minimum standards in the [FY23 Clean Water Initiative Funding Policy](#)? **(answer must be Yes to proceed)**

1. Applicant Information

Organization/Municipality Name:

Primary Contact:

Title:

Mailing Address:

Phone Number:

E-mail Address:

Has the proposing organization / municipality been pre-qualified to receive subcontracts / subgrants from the Central Vermont Regional Planning Commission serving in its capacity as the Winooski Basin Clean Water Service Provider?*

* If you responded no to this question, please include Qualification Materials along with your funding proposal. See the [Winooski Clean Water Service Provider webpage](#) for more details.

2. Project Information

Project Title:

Watershed Projects Database ID*:

* Projects without a Watershed Projects Database ID will be evaluated. However, prior to receiving funding, a project must be entered into the Watershed Projects Database. See pages 11-13 of the [FY23 Clean Water Initiative Funding Policy](#).

Select the most representative project type (according to [Appendix B Project Types Table](#) of the 2023 CWIP Funding Policy) from the dropdown list below.*

* If there is more than one project type associated with the proposal, enter additional project types in the Project Description section below.

Project Phase for which you are seeking funding:

Project GPS coordinates (e.g. 44.26278, -72.58054):

Project Sub-basin:

3. Project Description

*Describe the proposed project. Include the following: project history; the phosphorus reduction practices that will be developed, designed or implemented with the requested funds; **details** of the project development activities, conceptual or final design plans and cost proposals (if available); and **references** to prior plans and studies that support the funding request. Propose a project schedule based on the milestones of the proposed project type. Assume an 1 November 2023 start date. (1000 words maximum)*

4. Staff Capacity & Past Experience

A list of key staff and a (brief) description of their role in the project. If any of the staff listed here were not included in your organization's pre-qualification materials, please attach a one-page resume describing their qualifications to the project proposal.

Name	Project Role

Provide three examples of relevant past work. Include the Watershed Projects Database ID (if applicable), key staff and their role(s) in the project, a brief description of the project (phase, type, partners, etc.) and contact information for project references. Projects listed here should demonstrate the experience of the specific staff anticipated to work under this proposal.

Example Project 1:

Watershed Projects Database ID (if applicable):

Project staff & their project role(s):

Project description (250 words max):

Reference contact information:

Name:

Affiliation:

Phone:

Email:

Example Project 2:

Watershed Projects Database ID (if applicable):

Project staff & their project role(s):

Project description (250 words max):

Reference contact information:

Name:

Affiliation:

Phone:

Email:

Example Project 3:

Watershed Projects Database ID (if applicable):

Project staff & their project role(s):

Project description (250 words max):

Reference contact information:

Name:

Affiliation:

Phone:

Email:

5. Estimated annual total phosphorus load reduction (kg/yr)

Please review the Department of Environmental Conservation's [Standard Operating Procedures \(SOPs\) for Tracking and Accounting of Phosphorous](#) prior to completing this section.

For Developed Lands projects, estimate the annual phosphorous load reduction using the Department of Environmental Conservation's [Stormwater Treatment Practice Calculator](#). Export the results from the calculator and include that information in the proposal package. For Natural Resource Restoration projects, estimate the annual phosphorous load reduction using the Department of Environmental Conservation's [Interim Phosphorous Calculator Tool \(v1.0\)](#). Save the results from the calculator and include them in the proposal package.

Enter the estimated annual total phosphorous load reduction (kg / yr):

If the proposed project consists of project identification / assessment or development-phase work, provide details regarding the types of projects you intend to investigate and the anticipated phosphorus reduction benefits you expect the project(s) might achieve.

6. Project Budget

Develop a detailed budget with a cost breakdown of all project and administrative expenses. The budget should be itemized by Task with anticipated costs for personnel, equipment, materials, subcontracted services and other costs as appropriate. Be sure to request sufficient funding to complete the required milestones and deliverables (including project reporting) for the type of project being proposed. See the [FY23 Clean Water Initiative Program Funding Policy](#) for more information on the milestones required for the project type you are proposing.

Notes:

Mileage: Use the FY23 federal rate (\$0.65 / mile)

Indirect: If you have a negotiated indirect rate, please use that. Otherwise, you may charge up to 10% on all APPLICANT costs and 10% on the first \$50,000 of SUBCONTRACTORS costs.

Funding request

Amount of funding requested:

State matching funds:

Non-State matching funds:

Total project budget:

Future costs

If this proposal seeks funds for Preliminary (30%) or Final (100%) Design-phase work, please estimate anticipated future costs for subsequent project phases. Do not include this amount in the "Funding request" section above.

Anticipated future funding:

7. Co-benefits

- a) **ENVIRONMENTAL JUSTICE:** points are awarded when a project is located in a Census Block Group where one or more Environmental Justice Focus Population demographic conditions exist. *This value is calculated by the Clean Water Service Provider based on the project location.*
- b) **ECOLOGICAL BENEFITS:** points are awarded when a project reduces sediment and / or non-phosphorous nutrient loads to stressed, altered, impaired or priority waterways to which it is hydrologically connected. *This value is calculated by the Clean Water Service Provider based on the project location.*
- c) **ECOSYSTEM SERVICES:** points are awarded when a project moderates natural phenomena through carbon sequestration and flood resilience. *This value is calculated by the Clean Water Service Provider based on the type of project being proposed.*
- d) **COMMUNITY BUILDING:** points are awarded when a project involves the community in data collection and decision-making, enhances the working landscape and provides recreational benefits. Please answer the following:

- ◇ Are there proposed efforts to meaningfully involve community members in planning, project development, decision-making and implementation?

If you answered Yes to the previous question, please describe the effort to involve community members:

- ◇ Does the project involve data collection by community members (e.g. citizen science initiative)?

If you answered Yes to the previous question, please describe the effort to involve community members in data collection:

- ◇ Is the project located on a parcel that is enrolled in the Use Value & Appraisal Program (aka the Current Use Program) (Contact the Clean Water Service Provider for assistance.)?
- ◇ Does the project maintain / improve an existing recreational space?

If you answered Yes to the previous question, please describe the maintenance or improvement of existing recreational space(s):

- ◇ Will the project result in new / expanded recreational opportunities?

If you answered Yes to the previous question, please describe the effort to create new or expand existing recreational opportunities:

e) **EDUCATION:** An Education Co-Benefit is realized when a project includes aspects of public outreach designed to educate community members about the importance of phosphorus reduction and watershed health

- ◇ Will the project include an educational component?

If you answered Yes to the previous question, please describe the educational component of the project below:

- ◇ Interpretive signage:

- ◇ Educational meetings / workshops:

8. Other Considerations

a) **DESIGN LIFE:** The design life of the proposed project is:

b) **LANDOWNER RELATIONS**

◇ PROPERTY OWNERSHIP: The project will be located on:

◇ LANDOWNER SUPPORT: Provide a list of landowner support letters below. Please submit any letters or email from the landowner indicating their support for the project and awareness of their required commitment. Note date of letter/email and sender below.

◇ OTHER: Include other information regarding landowner relations here.

c) **OPERATIONS & MAINTENANCE**

◇ COST ESTIMATE: Provide a quantitative estimate of operation & maintenance costs on an annual basis where available. If not available, please provide a qualitative estimate. The anticipated annual operations & maintenance expenses for this project are:

◇ O & M AGREEMENT: There is a signed operations & maintenance agreement for this project:

If you answered Yes to the previous question, please include a copy of the signed O & M Agreement in the proposal package.

◇ OTHER: Include any other information regarding the operations & maintenance agreement for this project.

d) **PERMITTING:** This project will require a permit:

If you answered Yes to the previous question, please provide a list of the required permits, any issues anticipated in obtaining the permits and the status of the permit. If you have permit(s) for the project in hand, please include a copy of them in the proposal package.

e) **BARRIERS:** Describe any potential barriers to completing this project and how you plan to manage those challenges:

f) **HISTORIC SITE REVIEW:** Consult the [Vermont Historic Sites spreadsheet](#) and accompanying guidance in the State Historic Preservation Review section of the [FY23 Clean Water Initiative Program Funding Policy](#) to determine whether the proposed project will require Preliminary and Final Project Review by the Vermont Division of Historic Preservation. Include a copy of the completed Vermont Historic Preservation Project Review Form in the proposal package.

◇ The proposed project will require State Historic Preservation Review:

9. Proposal Submission

Assemble the following materials in the order listed into a single PDF and submit to Brian Voigt (voigt@cvregion.com) with the Subject line: "Basin 8 Clean Water Service Provider Project Proposal – FY24, Round 1".

1. If your organization or municipality has not yet been pre-qualified as an eligible Basin 8 Clean Water Service Provider Clean Water Partner, please complete and submit a [pre-qualification form](#) along with your funding proposal.
2. Project proposal form (i.e. this document).
3. Include the following information in the order listed (please):
 - a) [Natural Resources Screening Form](#) (see the FY23 Clean Water Initiative Program Funding Policy – Appendix A. Required for preliminary design, final design, or implementation phase projects.)
 - b) Project Locator Map – applicants may use the [Vermont Agency of Natural Resources Atlas](#) to generate the Project Locator Map (Contact the Clean Water Service Provider for assistance.)
 - c) Project Timeline – Propose a project schedule based on the milestones of the proposed project type. Assume a 1 November 2023 start date.
 - d) Staff capacity – list key staff and their role(s) in the project. Attach one-page resumes for any staff listed in Section 4 of the Application Form who were not included in your pre-qualification materials.
 - e) Completed [DEC Interim Phosphorus Reduction Calculator Tool v1.0](#), or, for Developed Land Projects, report from [DEC Stormwater Treatment Practice Calculator](#). (Contact the Clean Water Service Provider for assistance.)
 - f) Detailed project budget with a cost breakdown of all project and administrative expenses. The project should be itemized by Task with anticipated costs for personnel, equipment, materials, subcontracted services and other costs as appropriate. Be sure to request sufficient funding to complete the required milestones and deliverables (including project reporting) for the type of project being proposed.
 - g) Letter(s) of support from landowner(s) indicating their support for and awareness of the commitment required to advance / implement the project
 - h) Signed Operations & Maintenance Agreement (if applicable)
 - i) Permits – Attach approved project permits (if applicable).
 - j) Historic Site Review - Use the [spreadsheet](#) and accompanying guidance in the State Historic Preservation Review section of the [FY23 Clean Water Initiative Program](#) Funding Policy to determine whether your clean water project will require Preliminary and Final Project Review by the Vermont Division of Historic Preservation. Attach a copy of the completed Vermont Historic Preservation Project Review Form.

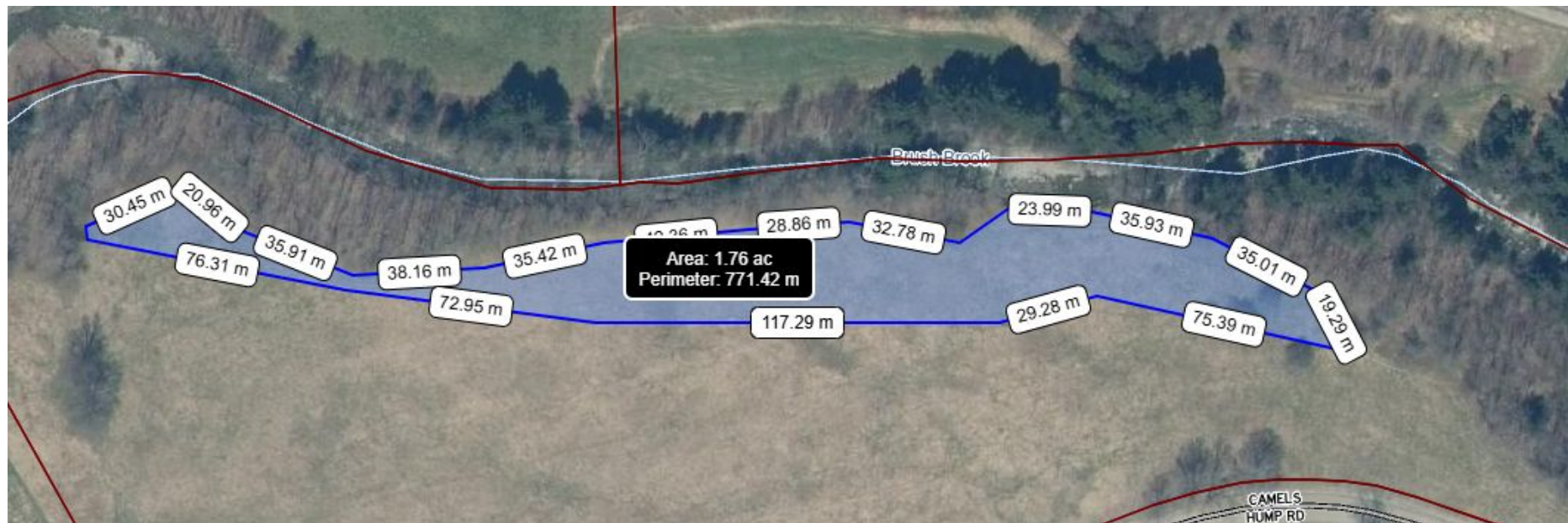
Project Name	CWPID	Acres	Stems
SHO		1.75	525
Budget			
Category	Grant Request	Match	Total Cost
Project Management	\$3,515		\$3,515
Planting Material	\$4,725		\$4,725
Planting Services	\$2,830		\$2,830
Maintenance Service	\$0		\$0
Site Prep Services:	\$0		\$0
Other	\$1,604		\$1,604
Subtotal	\$12,673		\$12,673
Indirect (up to 10%):	\$1,267		\$1,267
Total Requested Amount	\$13,940	\$0	\$13,940
Max Funds	\$19,500		
Notes:	300 stems / acre		

P Credits	Distance round trip (miles)			
1.3	62			
Budget Explanation				
Category	Item	Cost / Item	Quantity	Total
Project Management	PM	\$38.30	75	\$2,872.50
Project Management	ED	\$46.85	10	\$468.50
Planting Material	Bare root 2-4' (avg of 25 + stems) - ICN 2026	\$9.00	525	\$4,725.00
Planting Services	400 stems - ICN 2025	\$1,880.00	1	\$1,880.00
Planting Services	200 stems - ICN 2025	\$950.00	1	\$950.00
Other	Tubex 5' tube (shipping incuded) - TreeProtectionSupply.Com	\$7.19	150	\$1,078.50
Other	6', wooden stake (Lowes)	\$3.50	150	\$525.00
Project Management	IRS Rate per Mile	\$0.70	248	\$173.60

	Milestone	Deliverables	Amount	Date
	Project 1 Initiated			
		1.1 Proposal / Bid solicitations issued (if applicable)	\$436	4/1/26
		1.2 Contractor selected (if applicable)	\$436	4/1/26
	Sites and constraints 2 identified			
		2.1 DEC River Scientist approval	\$218	2/1/26
		2.2 DEC Basin Planner approval	\$218	2/1/26
		2.3 Photo(s) of site(s) pre-implementation	\$218	5/1/26
	3 Planting plan			
		3.1 Planting plan including species type, number and estimated cost (in accordance with SGA or River Corridor Planning recommendations (if available))	\$1,743	2/1/26
	DEC Operations & Maintenance Plan signed by Operations & Maintenance responsible 4 party			
		4.1 Signed 10-year	\$871	4/1/26

		(minimum) DEC Operation & Maintenance Plan		
	DEC access license or easement signed by 5 landowner			
		5.1 Signed 10-year (minimum) DEC access license or easement	\$436	4/1/26
	Buffer restoration planting 6 completed			
		6.1 Site preparation activities (if applicable)	\$3,485	6/1/26
		6.2 Photo(s) of site(s) post-implementation	\$3,485	7/1/26
		6.3 Photo of Clean Water Sign (if applicable)	\$871	7/1/26
	Project 7 Closeout			
		7.1 Media announcement	\$436	8/1/26
		7.2 Return of Clean Water Project sign to host site (if applicable)	\$218	8/1/26
		7.3 Final Performance Report / ANR Project Closeout Form	\$871	8/1/26
		Total	\$13,940	

Planting Area





FFI - 50' stability area





Samuel Puddicombe <samuel@winooskiriver.org>

Tree Planting Opportunity

Melissa Hoffman <melissa@livingfuture.org>
To: Samuel Puddicombe <samuel@winooskiriver.org>

Fri, Sep 6, 2024 at 11:34 AM

Hello, Sam.

What a wonderful email to receive from you!

Your suggestion aligns very much with our vision for that field.

We're (my wife and I) are abidingly interested designing plantings at the intersection of soil and water health, habitats for wildlife, and food/craft sources for humans.

We've thought a lot about expanding the edge, and also 'planting back' that field into groves of natives like oak, hickory, hazelnut, basket willow...some of which can even withstand fire.

We would love to partner with you in a project along the brook.

Let's schedule a time to talk.

If you're not familiar with our work, you can have a look at our website here: www.livingfuture.org.

And thank you so much!

Melissa
[Quoted text hidden]