

PROJECT ELIGIBILITY	
Please Review the following eligibility documents before completing this application: 1) <i>FY23 Clean Water Initiative Program Funding Policy</i> (click here) 2) <i>Act 76, Clean Water Service Provider Rule and Guidance & explanatory materials</i> (click here)	
Is the portion of the project that you are seeking funding for considered non-regulatory and voluntary? i.e., the portion of the phosphorus being treated/reduced is not a required or compelled element of a regulatory permit (e.g. MS4 permit, MRGP, 3-9050 permit, wetland permit, etc.) or a legal settlement. (Answer must be YES to proceed).	Yes X No
Does your project type meet the applicable definitions and minimum standards as provided in the CWIP Funding Policy (Answer must be YES to proceed)	Yes X No

1. APPLICANT INFORMATION
Organization/Municipality Name: Winooski Valley Park District
Name of Point of Contact: Nick Warner Title: Executive Director
Phone Number: 802-735-5892
E-mail Address: nickwarner@wvdpd.org
2. PROJECT INFORMATION
Project Title: Stormwater Upgrades at Colchester Pond Natural Area
Watershed Project Database Number: N/A
Project Type (according to Appendix B Project Types Table of the 2023 CWIP Funding Policy) : Stormwater – Preliminary Engineering Design
Project Phase you are seeking funding for (may check more than one box if applicable): <input type="checkbox"/> Identification / Assessment <input type="checkbox"/> Project Development <input checked="" type="checkbox"/> Preliminary Design <input type="checkbox"/> Final Design <input type="checkbox"/> Implementation
Project Location including watershed/sub-watershed (provide as much detail as you are able): Colchester Pond Watershed
3. PROJECT SUMMARY & PHOSPHORUS REDUCTION BENEFIT
<i>a. PROJECT OVERVIEW Please provide an overview of the project, especially the phosphorus reduction practices that will be developed, designed and/or implemented with the grant funds you are seeking.</i>

WVPD seeks to create upgrades that will reduce runoff and significant erosion in two gravel parking lot and access roads at Colchester Pond Natural Area – directly adjacent to the shoreline. This project will identify the best practices for mitigation and craft a preliminary design for the next phase. It is anticipated that some of the ensuing project site work will be contracted out, with other components of the project completed by WVPD with its staff and equipment.

4. Estimated annual average total phosphorus load reduction (kg/yr) & cost-effectiveness

a. Using pollution reduction calculator tools consistent with the methods included in DEC’s [Standard Operating Procedures \(SOPs\) for Tracking and Accounting of Phosphorous](#), what is the estimated annual average total phosphorus load reduction in kilograms per year? **Rough estimates are okay for a pre-application.** *[If your proposed project consists of project identification/assessment or development, provide your best estimate of the types of projects you hope to investigate and their typical phosphorus reduction benefits.]*

This project involves mitigating stormwater from impervious surfaces: two gravel parking lots of approximately 10,000 square feet combined, an access road of approximately 12,000 square feet, and a driveway of approximately 4,000 square feet.

b. Using the following formula, what is the Cost Effectiveness of your project:

Cost effectiveness (\$/kg/yr) = (15 years/design life years of your project) * (total capital project cost (dollars) for design and construction) / (annual average total phosphorus source load reduction (kg/yr)). Note: we realize final construction costs may not be known with certainty. Use your best estimate. **Rough estimates are okay for a pre-application.** *[If your proposed project consists of project identification/assessment or development, provide your best estimate of the types of projects you hope to investigate and their typical phosphorus reduction benefits.]*

TBD: this phase of the project will allow us to generate data on cost-effectiveness and best practices for mitigation

5. PROJECT BUDGET SUMMARY **Rough estimates are okay for a pre-application**

a. **BUDGET TABLE:**

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	N/A	\$800	\$800
Volunteers or ad hoc employees	N/A	---	---
Mileage Charges (use Federal 2023 rate of 65.5 cents/mile)	N/A	---	---
Supplies / Materials not purchased by contractors	N/A	---	---
Equipment Rentals or Equipment Use charges	N/A	---	---

SUBCONTRACTORS		---	---
Project Identification/Assessment /Development efforts	N/A	---	---
Engineering/Design Services for 30% Design or Final Design	\$6,000	---	\$6,000
Construction Management/Oversight Services	N/A	---	---
Construction Services	N/A	---	---
Other eligible costs (see 2023 CWIP Funding Policy)	N/A	---	---
<i>Project Completion</i> SUBTOTAL	6,000	---	\$6,800
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.	N/A	---	---
<i>Project Completion</i> TOTAL (<i>Project Completion</i> SUBTOTAL + Indirect)	\$6,000		\$6,800

Procurement of subcontractors: For a pre-application or grant application, provision of prior proof of competitive procurement is not required. However, Subcontractors such as engineers/designers and construction services must be competitively procured either before or during the duration of the grant. Subgrantees will have to demonstrate that engineering/design services were sought from at least three firms prior to attaching a quote from a firm. For applications with Implementation/ Construction costs, Implementation/Construction services must be competitively procured.

Applicants are strongly encouraged to competitively procure consultation/engineering/design services prior to submitting a grant application so that their budget request is firm for those services.

Please describe your plan for procurement. If your project is a continuation of a project previously funded by the Basin 5 CWSP you may continue to use that same engineering design firm for subsequent phases.

WVPD will seek three responsive bids from qualified engineering firms, and select based on the quality, responsiveness, and cost-effectiveness of the proposal and references from prior projects.

Future costs: if you are only seeking funds for Preliminary (30%) Design or Final (100%) Design, please provide a rough, "ballpark" estimate of anticipated Construction Costs. This information is needed for the Basin 5 CWSP to determine whether it is worth it to fund design services in the first place. Rough estimates are okay for a pre-application. For example, you could just provide examples of what other similar projects have cost.

\$30,000 estimated construction (dependent on the extent of higher cost engineered solutions)

6. Co-benefits: describe how your project provides any of the following co-benefits
Completion of this section is optional for a re-application. Minimal text is okay for a pre-application. Completion of this section will be required for a final application.

Flood Resilience: N/A

Hazard Mitigation (other than flood resilience): N/A

Education: Located in a public park, good opportunity for interpretive signage/education

Ecosystem Improvement (recreation/tourism, water supply, carbon sequestration, pollutant filtration)
note: water quality improvement is a given: Project is directly adjacent to Colchester Pond which is a major recreation destination and also an emergency back-up water supply

Local Pollution Prevention: (nitrogen, metals/pathogens, other contaminant): N/A

Habitat Improvement (restores habitat and/or connectivity, promotes native species and/or removes native species, protects RTE species, protects significant natural communities): The park and pond are highly significant ecological resources, this work will greatly assist in protecting water quality and habitat.

Other Environmental Benefit not noted above: Project will greatly reduce erosion and protect against degradation from regular recreational use

Part of a project that also addresses a Permit Requirement of a Public or Non-Profit Entity: N/A

Community Support: WVPD will inform adjacent landowners prior to any implementation of the project in the future and work with Colchester DPW to ensure project complies with and is in synch with town standards and plans

Environmental Justice (engagement, honors knowledge, access to clean water & food, protects sacred resources) for Vulnerable communities: this project will ultimately improve the experience of all visitors to this park which is free and open to the public

Services to Public such as aesthetics, recreation, mental health, etc.: Colchester Pond is one of the most popular recreation destinations in the area – and the project will benefit the aesthetics of the park entrance and parking lot while enhancing the recreational experience.

7. OTHER CONSIDERATIONS Completion of this section is optional for a pre-application. Minimal text is okay for a pre-application. Completion of this section will be required for a final application.

LEVEL OF UNCERTAINTY: Please describe the level of uncertainty of any elements of your budget.

The level of uncertainty is medium as we are in the engineering/design phase

BARRIERS: Please let us know any potential barriers/complications to completing this project and how you plan to manage those challenges during the duration of the grant.

There are concerns over archeological mitigation, and coordination with the town of Colchester as the access road connects with the town roads – these are not barriers and part of the project scoping

LANDOWNER COOPERATION: Please provide an overview of the relative degree of commitment from the landowner to allowing the project to (1) be constructed on their land. Is the landowner aware of the design life of the project and the need for visits during that time to the property for operations, maintenance, inspection & verification?

WVPD owns and manages the property

OPERATIONS & MAINTENANCE: Please provide quantitative estimates of operation and maintenance costs on an annual basis where available. If not available, please provide qualitative estimates.

WVPD regularly conducts maintenance on the parking lot and access road. It is anticipated that the eventual improvements can be maintained with existing equipment and labor, with occasional assistance from contractors.

DESIGN LIFE: What is the design life of the project once constructed?

TDB: although the intent is at least a 15-year design life.