

Winooski River Basin Water Quality Council Meeting

16 October 2025

Agenda

1:00 Call to order & Roll call

1:05 Updates to agenda

1:10 Public Comment

1:25 Review & approve minutes from 18 September 2025 meeting (action)

1:35 Project Proposal Final Review (action)

2:00 Announcements (discussion)

2:05 Adjourn

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Final Proposal Review:

Riparian Buffer Planting - GMC & VTACT

- ◆ Primary Contact: Samuel Puddicombe, Friends of the Winooski River
- ◆ Project Type: Riparian Buffer Planting – Implementation
- ◆ Project Description: This proposal seeks funds to plant a 50' – 100' wide riparian buffer at a density of 400 stems / acre on 2-acres in the Lower Little River watershed (Waterbury).
- ◆ Project Deliverables:
 - ◆ Acres of riparian buffer planted / restored: 2
 - ◆ P-reduction: 1.5 kg / yr
- ◆ Project Budget:
 - ◆ Formula Grant: \$15,548
 - ◆ Non-State Matching Funds: \$4,840
 - ◆ Total Project Budget: \$20,388

Final Proposal Review: Riparian Buffer Planting - GMC & VTACT

Table 1- 1: Cost-Effectiveness Score

Criteria	Value
Funding Request	\$15,548
Future Funding Request	\$0
Total Cost	\$15,548
P-Reduction (kg / yr)	1.5
Design Life	15
Cost Effectiveness* (\$ / kg)	\$10,365
Cost-Effectiveness Score	55

Maximum Implementation-phase
Cost-Effectiveness Score = 75 points

*Cost Effectiveness

$(\$ / \text{kg} / \text{yr}) = ((15 \text{ years} / \text{project design life}) * (\text{Total Cost})) /$
 $(\text{Phosphorous Reduction (kg / yr)})$

Table 1-2: Project Risk Score

Risk Category	Points
Landowner Relations	2.5
Organizational Capacity	2.5
Operations & Maintenance	0
Permitting	2.5
Total Score	7.5

Maximum Total Score = 10 points

Final Proposal Review: Riparian Buffer Planting - GMC & VTACT

Table 1-3: Co-Benefits Score

Co-benefit	Score	Weight	Weighted Score
Environmental Justice	0	17.78%	0
Income	0		
Race	0		
Language	0		
Ecological Benefits	4.5	30.44%	1.3698
Listed / Impaired Water Resource	3		
Priority Water Resource	1.5		
Habitat & Species Enhancement	0		
Ecosystem Services	10	23.78%	2.378
Flood Regulation	5		
Carbon Sequestration	5		
Community Building	5	15.78%	0.789
Community Involvement	1		
Working Landscape	0		
Recreation	4		
Education	5	12.22%	0.611
Interpretive Signage	5		
Meetings & Workshops	0		
Total Co-benefits Score			5.1478

Table 1-4: Total Project Score

Criteria	Score
Cost-Effectiveness Score	55
Project Risk Score	7.5
Design Life Score	5
Co-benefits Score	5.1478
Total Project Score	72.65

Maximum Total Score = 100 points

**CWSP Staff Recommendation:
prioritize this funding request.**

Maximum Weighted Co-
Benefits Score = 10 points



Final Proposal Review:

Riparian Buffer Planting - Graber

- ◆ Primary Contact: Samuel Puddicombe, Friends of the Winooski River
- ◆ Project Type: Riparian Buffer Planting – Implementation
- ◆ Project Description: This proposal seeks funds to plant a 35' – 50' wide riparian buffer at a density of 400 stems / acre on 0.85-acres in the Winooski River Headwaters watershed (Cabot). A letter of support from the landowner is pending.
- ◆ Project Deliverables:
 - ◆ Acres of riparian buffer planted / restored: 0.85
 - ◆ P-reduction: 1.7 kg / yr
- ◆ Project Budget:
 - ◆ Formula Grant: \$11,155
 - ◆ Non-State Matching Funds: \$0
 - ◆ Total Project Budget: \$11,155

Final Proposal Review: Riparian Buffer Planting - Graber

Table 1- 1: Cost-Effectiveness Score

Criteria	Value
Funding Request	\$11,155
Future Funding Request	\$0
Total Cost	\$11,155
P-Reduction (kg / yr)	1.7
Design Life	15
Cost Effectiveness* (\$ / kg)	\$6,562
Cost-Effectiveness Score	75

Maximum Implementation-phase
Cost-Effectiveness Score = 75 points

*Cost Effectiveness

$(\$ / \text{kg} / \text{yr}) = ((15 \text{ years} / \text{project design life}) * (\text{Total Cost})) /$
 $(\text{Phosphorous Reduction (kg / yr)})$

Table 1-2: Project Risk Score

Risk Category	Points
Landowner Relations	2.5
Organizational Capacity	2.5
Operations & Maintenance	0
Permitting	2.5
Total Score	7.5

Maximum Total Score = 10 points

Final Proposal Review: Riparian Buffer Planting - Graber

Table 1-3: Co-Benefits Score

Co-benefit	Score	Weight	Weighted Score
Environmental Justice	0	17.78%	0
Income	0		
Race	0		
Language	0		
Ecological Benefits	6	30.44%	1.8264
Listed / Impaired Water Resource	3		
Priority Water Resource	3		
Habitat & Species Enhancement	0		
Ecosystem Services	10	23.78%	2.378
Flood Regulation	5		
Carbon Sequestration	5		
Community Building	0	15.78%	0
Community Involvement	0		
Working Landscape	0		
Recreation	0		
Education	0	12.22%	0
Interpretive Signage	0		
Meetings & Workshops	0		
Total Co-benefits Score			4.2044

Table 1-4: Total Project Score

Criteria	Score
Cost-Effectiveness Score	75
Project Risk Score	7.5
Design Life Score	5
Co-benefits Score	4.2044
Total Project Score	91.7

Maximum Total Score = 100 points

**CWSP Staff Recommendation:
prioritize this funding request.**

Maximum Weighted Co-
Benefits Score = 10 points



Final Proposal Review:

Riparian Buffer Planting - SHO

- ◆ Primary Contact: Samuel Puddicombe, Friends of the Winooski River
- ◆ Project Type: Riparian Buffer Planting – Implementation
- ◆ Project Description: This proposal seeks funds to plant a 100' wide riparian buffer at a density of 300 stems / acre on 1.75-acres in the Huntington River watershed (Huntington). The landowner supports the project.
- ◆ Project Deliverables:
 - ◆ Acres of riparian buffer planted / restored: 1.75
 - ◆ P-reduction: 1.1 kg / yr
- ◆ Project Budget:
 - ◆ Formula Grant: \$13,940
 - ◆ Non-State Matching Funds: \$0
 - ◆ Total Project Budget: \$13,940

Final Proposal Review: Riparian Buffer Planting - SHO

Table 1- 1: Cost-Effectiveness Score

Criteria	Value
Funding Request	\$13,940
Future Funding Request	\$0
Total Cost	\$13,940
P-Reduction (kg / yr)	1.1
Design Life	15
Cost Effectiveness* (\$ / kg)	\$12,673
Cost-Effectiveness Score	45

Maximum Implementation-phase
Cost-Effectiveness Score = 75 points

*Cost Effectiveness

$(\$ / \text{kg} / \text{yr}) = ((15 \text{ years} / \text{project design life}) * (\text{Total Cost})) /$
 $(\text{Phosphorous Reduction (kg / yr)})$

Table 1-2: Project Risk Score

Risk Category	Points
Landowner Relations	2.5
Organizational Capacity	2.5
Operations & Maintenance	0
Permitting	2.5
Total Score	7.5

Maximum Total Score = 10 points

Final Proposal Review: Riparian Buffer Planting - SHO

Table 1-3: Co-Benefits Score

Co-benefit	Score	Weight	Weighted Score
Environmental Justice	0	17.78%	0
Income	0		
Race	0		
Language	0		
Ecological Benefits	0	30.44%	0
Listed / Impaired Water Resource	0		
Priority Water Resource	0		
Habitat & Species Enhancement	0		
Ecosystem Services	10	23.78%	2.378
Flood Regulation	5		
Carbon Sequestration	5		
Community Building	1	15.78%	0.1578
Community Involvement	1		
Working Landscape	0		
Recreation	0		
Education	0	12.22%	0
Interpretive Signage	0		
Meetings & Workshops	0		
Total Co-benefits Score			2.535

Table 1-4: Total Project Score

Criteria	Score
Cost-Effectiveness Score	45
Project Risk Score	7.5
Design Life Score	5
Co-benefits Score	2.5358
Total Project Score	60.04

Maximum Total Score = 100 points

**CWSP Staff Recommendation:
prioritize this funding request.**

Maximum Weighted Co-
Benefits Score = 10 points



Final Proposal Review:

Riparian Buffer Planting – Tyler Place Trib

- ◆ Primary Contact: Samuel Puddicombe, Friends of the Winooski River
- ◆ Project Type: Riparian Buffer Planting – Implementation
- ◆ Project Description: This proposal seeks funds to plant a 50' wide riparian buffer at a density of 400 stems / acre on 3.25-acres in the Tributaries to the Lower Mid-Winooski watershed (Jericho). The landowner supports the project.
- ◆ Project Deliverables:
 - ◆ Acres of riparian buffer planted / restored: 3.25
 - ◆ P-reduction: 3.75 kg / yr
- ◆ Project Budget:
 - ◆ Formula Grant: \$25,572
 - ◆ Non-State Matching Funds: \$4,500
 - ◆ Total Project Budget: \$30,522

Final Proposal Review:

Riparian Buffer Planting - Tyler Place Trib

Table 1- 1: Cost-Effectiveness Score

Criteria	Value
Funding Request	\$25,572
Future Funding Request	\$0
Total Cost	\$25,572
P-Reduction (kg / yr)	3.75
Design Life	15
Cost Effectiveness* (\$ / kg)	\$6,819
Cost-Effectiveness Score	75

Maximum Implementation-phase
Cost-Effectiveness Score = 75 points

*Cost Effectiveness

$$(\$ / \text{kg} / \text{yr}) = ((15 \text{ years} / \text{project design life}) * (\text{Total Cost})) /$$
$$(\text{Phosphorous Reduction (kg / yr)})$$

Table 1-2: Project Risk Score

Risk Category	Points
Landowner Relations	2.5
Organizational Capacity	2.5
Operations & Maintenance	0
Permitting	2.5
Total Score	7.5

Maximum Total Score = 10 points

Final Proposal Review:

Riparian Buffer Planting - Tyler Place Trib

Table 1-3: Co-Benefits Score

Co-benefit	Score	Weight	Weighted Score
Environmental Justice	0	17.78%	0
Income	0		
Race	0		
Language	0		
Ecological Benefits	0	30.44%	0
Listed / Impaired Water Resource	0		
Priority Water Resource	0		
Habitat & Species Enhancement	0		
Ecosystem Services	10	23.78%	2.378
Flood Regulation	5		
Carbon Sequestration	5		
Community Building	4	15.78%	0.6312
Community Involvement	2		
Working Landscape	0		
Recreation	2		
Education	0	12.22%	0
Interpretive Signage	0		
Meetings & Workshops	0		
Total Co-benefits Score			3.0092

Table 1-4: Total Project Score

Criteria	Score
Cost-Effectiveness Score	75
Project Risk Score	7.5
Design Life Score	5
Co-benefits Score	3.0092
Total Project Score	90.51

Maximum Total Score = 100 points

**CWSP Staff Recommendation:
prioritize this funding request.**

Maximum Weighted Co-
Benefits Score = 10 points



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Announcements

◆ **River Corridor Planning & The Flood Safety Act 121 – Municipal Sessions**

Facilitators : Lake Champlain Sea Grant & The Nature Conservancy

- ◆ 13 November 2025 at 4:00PM - CVRPC Clean Water Advisory Committee Meeting (workshop)
 - ◆ See the CVRPC website for [meeting agendas and zoom links](#)

◆ **Vermont's Department of Environmental Conservation (DEC)** has released a draft [Cost Rate Methodology \(CRM\)](#) on the State's Environmental Notice Bulletin (ENB) website for a 30-day public comment period

- ◆ **Friends of the Mad River** has issued a [Request for Proposals](#) for a consultant to lead the design and build of a geospatial database for their Clean Water Database Planning Project in the Mad River Watershed, a project funded by the Lake Champlain Basin Program.
 - ◆ Deadline for proposals is 24 October 2025. Please direct any questions to julie@friendsofthemadriver.org.

- ◆ **CWSP Funding** - The deadline for consideration at the November Winooski River Basin Water Quality Council meeting is 13 November 2025. [Schedule a meeting](#) with Brian & Lincoln for proposal development assistance.

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Next Meeting: 20 November 2025