

# Winooski River Basin Water Quality Council Meeting

February 16, 2023

# Agenda

**1:00 Call to order & Roll call**

1:05 Updates to agenda

1:10 Public Comment

1:15 Review & approve minutes from January 19, 2023 meeting (action)

1:25 CWSP Updates (information)

1:35 Adopting a co-benefit scoring matrix & methodology (discussion & action)

2:05 Preparing for Project Solicitation (discussion & action)

2:35 BWQC Meeting Schedule (discussion)

2:45 Announcements (discussion)

2:55 Agenda items for next meeting

3:00 Adjourn

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# CWSP Updates

- ◆ Staffing Update
- ◆ Policy Updates
- ◆ RFQs
  - ◆ Project Implementors:
    - ◆ Release 22 February – Due 5 April
    - ◆ Begin review 15 March
    - ◆ Review additional submissions weekly (as needed) through RFQ deadline
  - ◆ Engineering & Construction:
    - ◆ Release 29 February – Due 12 April
    - ◆ Begin review 22 March
    - ◆ Review additional submissions weekly (as needed) through RFQ deadline

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# Project Solicitation

- ◆ Project Identification & Development FY23 Funding: \$57,737
- ◆ Design, Engineering & Construction FY23 Funding: \$827,068
- ◆ Project Solicitation Round 1: 29 March 2023 – 26 April 2023
  - ◆ Project Identification & Development Funding: \$35,000
  - ◆ Design, Engineering & Construction Funding: \$500,000
  - ◆ CWSP Review: 26 April 2023 – 22 May 2023
  - ◆ BWQC Review: 23 May 2023 – 14 June 2023
  - ◆ Project Prioritization: 15 June 2023
- ◆ Accept proposals on a rolling basis until all funding has been exhausted?
- ◆ Reviewed quarterly in alignment with BWQC meeting schedule?

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# BWQC Meeting Schedule

- ◆ March 2023
  - ◆ Project scoring, ranking & prioritization exercise
  - ◆ DEC Updates
  - ◆ Project Implementor Updates / Roundtable
- ◆ June 2023
  - ◆ Project ranking & prioritization for Round 1 Project Solicitation
- ◆ September 2023
  - ◆ Project ranking & prioritization for Round 2 Project Solicitation
  - ◆ Elect Chair & Vice-Chair
- ◆ December 2023
  - ◆ Project ranking & prioritization for Round 3 Project Solicitation
  - ◆ Year in review
    - ◆ Lessons learned
    - ◆ Revisit BWQC policies



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# Project Scoring

| Factor                 | Points | Description  |
|------------------------|--------|--|
| P-reduction efficiency | 75     | Sliding scale: Ratio of proposed cost to overall p-reduction       |
| Project risk           | 12     | 4 points each: landowner relations, organizational capacity, O & M |
| Design life            | 3      | Sliding scale: For projects with design life > 15 years            |
| Co-Benefits            | 10     | According to adopted methodology                                   |



# Winooski River Basin Year 1 Funding & Phosphorous Reduction Targets

| Annual Funding Based on Formula    |                                      |                       |                              |                                   |
|------------------------------------|--------------------------------------|-----------------------|------------------------------|-----------------------------------|
| Design, Engineering & Construction | Project Identification & Development | Total Project Funding | Maximum Administrative Costs | Total Project Funding + Max Admin |
| \$827,068                          | \$57,737                             | \$884,805             | \$156,142                    | \$1,040,947                       |

| First Year Phosphorous Reduction Targets (kg) (based on available funds) |                 |        |         |       |
|--|-----------------|--------|---------|-------|
| Farm Fields  | Developed Lands | Forest | Streams | Total |
| 9.2  | 23.9            | 0      | 36.4    | 69.6  |

**Cost / kg P reduction: \$14,953**

# Water Quality Restoration Formula Grant Target and Fund Allocation Methodology

Table 3. Clean water project categories' estimated design/engineering (if applicable) and construction costs per total phosphorus load reduction (kg/yr) averaged to estimate "cost rate" per non-regulatory target land use sector.

| Non-regulatory target land use sector | Clean water project categories representing costs of implementing non-regulatory targets | Estimated design/engineering (if applicable) and construction cost per total phosphorus load reduction (\$/kg/yr) |
|---------------------------------------|--|---|
| Streams*                              | Floodplain/stream restoration <sup>†</sup>   | \$16,647  |
|                                       | River corridor easement  | \$10,041  |
|                                       | Riparian buffer restoration <sup>‡</sup>   | \$5,116   |
|                                       | STREAMS SECTOR AVERAGE COST RATE   | \$10,601  |
| Developed                             | Stormwater best management practices (BMPs)  | \$46,026  |
|                                       | Non-regulatory road BMPs   | \$3,153   |
|                                       | Riparian buffer restoration <sup>‡</sup>   | \$5,116   |
|                                       | Lake shoreline restoration <sup>§</sup>  | \$8,333   |
|                                       | Lake shoreland runoff treatment  | \$16,482  |
|                                       | DEVELOPED SECTOR AVERAGE COST RATE   | \$15,822  |
| Farm field <sup>††</sup>              | Riparian buffer restoration <sup>‡</sup>   | \$5,116   |
|                                       | Lake shoreline restoration <sup>§</sup>  | \$8,333   |
|                                       | FARM FIELD SECTOR AVERAGE COST RATE  | \$6,725   |
| Forest <sup>††</sup>                  | Non-regulatory forest road BMPs  | \$15,245  |
|                                       | Riparian buffer restoration <sup>‡</sup>   | \$5,116   |
|                                       | Lake shoreline restoration <sup>§</sup>  | \$8,333   |
|                                       | FOREST SECTOR AVERAGE COST RATE  | \$9,565   |