FIRST DRAFT FOR DISCUSSION — FOR USE FOR SCORING DESIGN OR IMPLEMENTATION APPLICATIONS FUNDED BY THE YEARS 2+3 GRANT

PHOSPHORUS-REDUCTION SCORING METRIC, AUTHORIZED BY CWSP, EFFECTIVE MAY 15, 2025

| | | | 1. Cost effectiveness relative to Basin 5 target & available funds | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Total cost | Annual Avg (kg/yr) | $/kg | Design Life | | $/kg./yr. | |
| **PROJECT** | **Request** | **$ needed for 1) further design & 2) Construction** | **Total cost** | **Annual Avg (kg/yr)** | **$/kg** | **15** | *** if life > 15** | COST-EFFECTIVENESS per Chpt 6 | **70 POINTS** |
| **Example Project** | **$20,000** | $30,000 | $50,000 | 3.00 | $16,667 | 15 | 15 | **$16,667** | **40** |

**COST EFFECTIVENESS FORMULA ($/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)).**

P-reduction reduced relative to available funds, cost-effectiveness P-reduced per dollar, cost relative to design life phosphorus reduction benefits (estimated using DEC protocols, cost-effectiveness relative to project type, etc.

If design life greater than 15 years, just enter 15

| PROPOSED | | TWO RUBRICS USED FOR YEAR ONE GRANT MARCH 2024 - APRIL 2025 | | FEB 2023 - FEB 2024 | |
|---|---|---|---|---|---|
| < $5,000 | 70 | < $14,000 | 70 | < $7,000 | 70 |
| < $10,000 | 60 | < $20,000 | 60 | < $10,000 | 60 |
| < $15,000 | 50 | < $26,000 | 50 | < $13,000 | 50 |
| < $20,000 | 40 | < $32,000 | 40 | < $16,000 | 40 |
| < $25,000 | 30 | < $38,000 | 30 | < $19,000 | 30 |
| < $30,000 | 20 | < $44000 | 20 | < $22000 | 20 |
| < $35,000 | 10 | < $50,000 | 10 | < $25,000 | 10 |
| > $40,000 | 0 | > $50,000 | 0 | > $25,000 | 0 |

*All projects must have a minimum design life of at least 10 years.*

Stream restoration projects must have a projected phosphorus reduction of at least 2 kilograms.

Stream restoration projects, if with at least 10 years, design life, shall be considered as having a life of 12 years.

**For applications for Preliminary Design subgrants**

Applications that will likely trigger an ARA and a Phase I ESA should have at a projection of at least a 2 kilograms reduction.

**For applications for Final Design subgrants**

Applications for projects with less than 2 kilograms reduction may be considered but only if no archeo investigations needed and annual maintenance costs covered by the CWSP are less than $1,000.

**For applications for Implementation**

Applications for projects with less than 1 kilograms reduction may be considered as long as annual maintenance costs covered by the CWSP are less than $500.

**Co-Benefit Scores**

**Scoring Template for Co-Benefits, established 8-17-2023, re-affirmed on 5-15-2025**

| **Benefit** | Range | Weight, 1 or 2 | Max Score | | **Hypothetical** |
|---|---|---|---|---|---|
| Hazard Mitigation | 1-4 | 2 | **8** | | 4 |
| Education | 1-4 | 2 | **8** | | 4 |
| Ecosystem Improvement | 1-4 | 2 | **8** | | 4 |
| Habitat Improvement | 1-4 | 2 | **8** | | 4 |
| Environmental Justice | 1-4 | 2 | **8** | | 0 |
| Community Support | 1-3 | 2 | **6** | | 6 |
| Other Benefits | 1-4 | 1 | **4** | | 1 |
| | | | | | |
| | | MAX | 50 | | 23 |
| | | | | | |
| | Conversion to 20 point scale | >>>> | 20 | | **9** |
| | | | | | **Example** |

**Scoring Template for Other Considerations** **As issued by CWSP, January 2023; re-affirmed 5-15-2025**

Proposed phase of project funding, certainty of costs in proposal, potential complications, demonstrated ability/experience of applicant to complete project, relative commitment of landowner to project phases, project operations & maintenance costs, design life beyond 15 years, conformance with Basin 5 Plan

| | Possible points | | Hypothetical |
|---|---|---|---|
| Positive Scores | | | |
| Construction proposal >>> | 8 | | 8 |
| Final Design proposal >>> | 4 | | |
| Conceptual Design proposal | 0 | | |
| Design life 16-20 years | 2 | | |
| Design life 21+ | 4 | | 4 |
| Provides match up to 10% of overall budget | 2 | | |
| Provides match over 10% of overall budget | 4 | | 4 |
| Provides match over 20% of overall budget | 6 | | |
| Provides match over 30% of overall budget | 8 | | |
| Negative scores | | | |
| Minor uncertainties in budget | -2 | | |
| Major uncertainties in budget | -4 | | |
| Minor but passable potential barriers | -4 | | |
| Major potential barriers to implementation | -8 | | |
| Key Landowner letter/email is missing | -4 | | |
| Landowner commitment letter weak | -2 | | |
| O & M costs exceed $2,000 per year | -4 | | |
| Project not in conformance with Basin 5 Plan | -10 | | |
| Applicant has little applicable experience | -4 | | |
| | | TOTA | 16 |
| | | | |
| | | | MAX IS 10 |