Appendix C: Project Targeting Criteria and Scoring Matrix

Lower St. Croix River Comprehensive Watershed Management Plan

October 2020

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria and Points for Ranking Agricultural and Urban BMPs for Watershed Based Funds as referenced in Section VII.B.** | | | |
| 1 | **Lake Restoration & Protection** | The project addresses total phosphorus on a priority lake (See table on page 2) | LPSS Priority Class\* is “Impaired” or “Highest” = 5 LPSS Priority Class is “High”  or “Higher” = 3 |
| **Can score points for #1 or #2, but not both.** | | | |
| 2 | **Stream**  **Restoration** | Project is located near stream reach and will address stream  impairment or Lake St. Croix total phosphorus impairment) | Within ¼ mile = 5  Within ½ mile = 3 |
| 3 | **Groundwater** | Project improves groundwater quality/quantity (examples: soil health, nutrient management, pesticide reduction, recharge, infiltration, reuse) | Yes = 3  No = 0 |
| 4 | **Readiness** | Concept plans, cost estimates, and landowner agreements/easements are complete 3 or 0 | Yes = 3  No = 0 |
| 5 | **Urgency & Opportunity** | Is the project contingent on securing funding now? (Example, BMP is part of a larger project that will move forward with or without the BMP; opportunity would be lost if not funded and implemented now) | Yes = 1  No = 0 |
| 6 | **Cost effectiveness** | Level of cost benefit when compared to all projects analyzed in particular SWA or similar targeting analysis. | Top 1% = 10  Top 10% = 7  Top 25% = 5  Top 50% = 3  < 50% = 0 |
| 7 | **Partners & Funding** | Partnership and collaboration with agencies, organizations, or other groups is being leveraged or utilized by this project (Are there multiple partners providing funding, in-kind support, or other assistance or involvement?) | Yes = 1  No = 0 |
| 8 | **Multiple Benefit** | Project provides added benefit of habitat improvements (aquatic, riparian, upland, wetland). Note: water quality improvements are not considered habitat improvements for this criterion. | Yes = 1  No = 0 |
| 9 | **Multiple Benefit** | Project provides added benefit of education (examples: signage, demonstration project) | Yes = 1  No = 0 |
| 10 | **Multiple Benefit** | Project improves water quality while also addressing flooding concern (examples: pond, wetland restoration, or floodplain expansion) | Yes = 1  No = 0 |
|  |  | TOTAL POINTS POSSIBLE | 26 |

\*Lakes of Phosphorus Sensitivity Significance (LPSS) - May 24, 2019: A ranked priority lake list based on sensitivity to additional phosphorus loading and the significance of that sensitivity.

Developed by: Minnesota Pollution Control Agency, Department of Natural Resources, and Board of Water and Soil Resources

Lake Phosphorus Sensitivity Significance, LPSS Priority Class = Grouping of waterbodies based on the lake phosphorus sensitivity significance priority score, which is a function of phosphorus sensitivity, and lake size, lake total phosphorus concentration, proximity to MPCA’s phosphorus impairment thresholds, and watershed disturbance. Classes relate to the state’s priority of focusing on “high quality, unimpaired lakes at greatest risk of becoming impaired.”

|  |  |  |
| --- | --- | --- |
| **Lake ID** | **Name** | **LPSS Priority Class** |
| 2002600 | Linwood | Impaired |
| 2003400 | Martin | Impaired |
| 13004200 | Birch | NA |
| 13000100 | Blooms | NA |
| 1300120 | Chisago | Higher |
| 13006800 | Fish | Highest |
| 13008301/13008302 | Goose (North & South) | Impaired |
| 13004102 /13004101 | Green/Little Green | Highest |
| 13003300 | Little | Impaired |
| 13003201 | North Center Lake | Impaired |
| 13003500 | North Lindstrom | Higher |
| 13006901/13006902 | Rush (East & West) | Impaired |
| 13002700 | South Center | Impaired |
| 13002800 | South Lindstrom | Higher |
| 30000800 | Hoffman | NA |
| 30001200 | Horseleg | Highest |
| 30000300 | Horseshoe | Highest |
| 30000700 | Lower Birch | NA |
| 58011700 | Rock | Impaired |
| 82004900 | Big Carnelian | Higher |
| 82005204 | Big Marine | Highest |
| 82004500 | Clear | Higher |
| 82003400 | East Boot | Impaired |
| 82000400 | Edith | Higher |
| 82010600 | Elmo | Higher |
| 82001400 | Little Carnelian | Higher |
| 82002500 | Louise | Impaired |
| 82003300 | Mays | High |
| 82002000 | McKusick | High |
| 82004600 | Square | Highest |
| 82003100 | Terrapin | High |