

PROJECT REQUEST FORM
Lower St. Croix Partnership – Watershed Based Implementation Funding

To: Lower St. Croix Partnership Steering Committee
Date: May 10, 2023
From: Carnelian Marine St. Croix Watershed District
Subject: WBIF Project Request/A3 Non-Structural Ag/Urban BMP Implementation: City of Marine on St. Croix Street Sweeping Implementation

Table of Acronyms

CWMP: Comprehensive Watershed Management Plan	LSC: Lower St. Croix
SWCD: Soil & Water Conservation District	WD: Watershed District
WBIF: Watershed Based Implementation Funding	WMO: Watershed Management Organization

Eligible Project Sponsors

A sponsoring agency is required for each submitted project. The sponsor fills out this request. That agency must be a party to the Joint Powers Agreement for the implementation of the Lower St. Croix Comprehensive Watershed Management Plan. The sponsor, if the project is selected for funding, will enter into a subcontract with the Chisago Soil and Water Conservation District (SWCD) for project funding.

Description of Project (brief paragraph)

Implementation of the enhanced street sweeping prioritization study for the City streets with direct drainage to the St. Croix River within the City of Marine on St. Croix. The areas within this region have direct discharge through stormwater conveyance systems to the St. Croix River. These areas are in the established neighborhoods of the downtown area. All areas have curb and gutter or paved street with no ditches and are not adequately treated for stormwater.

Benefitted Waterbody Information (add rows for additional waterbodies if necessary)

Target waterbody	St. Croix River
Waterbody area (acres)	
Watershed area (acres)	
DNR shoreline classification	
Description of the watershed and near-shore land uses	
Impairment status	Impaired- Excess Nutrients
Protection or restoration	Both

Project Details

Project Name	City of Marine on St. Croix Enhanced Street Sweeping Implementation
Project Sponsor	Carnelian Marine St. Croix WD
Additional Project Partner(s) (other than sponsor)	City of Marine on St. Croix
Project Location (lat/long, address, or description)	City of Marine on St. Croix

PROJECT REQUEST FORM

Lower St. Croix Partnership – Watershed Based Implementation Funding

DNR Level 8 Subwatershed	3706000, 3705700
Applicable WBIF Work Plan Activity	2023 A3 Non-Structural Urban BMP Implementation
Funding Specifically Allocated to this Project in Work Plan (if applicable)	Provide cost-share/incentives for implementing non-structural URBAN best management practices, specifically enhanced street sweeping. BWSR accepted standards will be followed for all practices implemented. Projects to be chosen through targeting and prioritization process described in Section VII.B and Appendix C of CWMP. Specific enhanced street sweeping targeting analyses will be performed for priority areas (see Activity 9 - Targeting Analyses). (Marine on St. Croix is on the list; drains to the St. Croix River)
Estimated Construction Timeline	Completed by 2025
Total Project Cost	\$15,000
Estimated Lifetime Project Cost (incl. O&M)	N/A
Requested Grant Funding	\$15,000
Match provided, match source (cannot be state funds)	\$0
Target Waterbody (from CWMP Table 5-2, 5-3, 5-4)	St. Croix River
Est. Phosphorus Load Reduction @ Target Waterbody	25 lbs./year of P
Est. TSS Load Reduction @ Target Waterbody	N/A
Calculation Tool Used	Kalinosky et al. Planning Calculator Tool for Estimating Nutrient and Solids Recovery through Street Sweeping, 2014
Project Lifespan	3 years
Lifetime Cost-Benefit (\$/lb phosphorus removed)	\$179/lb. of P

Pre-Project Identification

Total phosphorus load entering target waterbody	N/A
Total suspended solids load entering target waterbody	N/A
Major sources of nutrient loading	Watershed runoff
P reduction required to achieve water quality goal	N/A
Completed projects, load reduction	N/A
Alternative projects, load reduction	N/A

List of Informational Attachments/Templates Included With Form:

1. WBIF Project Request Process Flow Chart
2. CWMP Priority Waterbody Maps
3. CWMP Appendix C – Project Targeting Criteria and Scoring Matrix (for [Activities 2, 4, 5, 9](#))
4. Wetland Restoration Scoring Matrix (for [Activity 6](#))
5. Internal Analysis Request for Funding (for [Activity 7](#); filled out by applicant)
6. Internal Analysis Selection Criteria (for [Activity 7](#); filled out by subcommittee)
7. Targeting Analysis Scoring Matrix (for [Activity 8](#))

Required Attachments for Requesting Partner to Complete (check all that apply):

- Project Plans/Visual/Map (for all requests)

PROJECT REQUEST FORM

Lower St. Croix Partnership – Watershed Based Implementation Funding

- Completed Appendix C Project Scoring Matrix (for **Activities 2, 4, 5, 9**)
- Completed Wetland Restoration Scoring Matrix (for **Activity 6**)
- Completed Internal Analysis Request for Funding (for **Activity 7**)
- Completed Internal Analysis Selection Criteria (for **Activity 7**)
- Completed Targeting Analysis Scoring Matrix (for **Activity 8**)

WBIF Work Plan Activity Color Coding
Implementation - BMPs/Restoration Activities
Implementation - Shared Services
Prioritization & Analysis
Administration

Submit this form and attachments to Angie Hong at (ahong@mnwcd.org) one week prior to the Steering Committee meeting.

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Steering Committee Roll Call Vote

Steering Committee roll call vote to recommend [Project Sponsor] project for Lower St. Croix Watershed Based Implementation Funding in the amount of \$ _____ for the [Project Name].

Organization	Aye	Nay	Absent
Anoka SWCD			
Brown's Creek WD			
Carnelian Marine St Croix WD			
Chisago County			
Chisago Lakes LID			
Chisago SWCD			
Comfort Lake Forest Lake WD			
Isanti County			
Isanti SWCD			
Middle St. Croix WMO			
Pine County			
Pine SWCD			
South Washington WD			
Sunrise River JP WMO			
Valley Branch WD			
Washington CD			
Washington County			
TOTAL (need majority vote to pass)			