

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

**To:** [Activity #] Subcommittee, Steering Committee      **Date:** 2/7/2023  
**From:** South Washington Watershed District  
**Subject:** WBIF Project Request: Trout Brook Stream Restoration Construction Engineering

**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)**

SWWD is implementing phase 3 of restoration on Trout Brook in 2023. That work is already funded by the LSC partnership. This request for engineering funds will support professional services for construction engineering.

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

Target waterbody	Trout Brook, Lake St. Croix
Waterbody area (acres)	
Watershed area (acres)	5472
DNR shoreline classification	Public Waters Stream
Description of the watershed and near-shore land uses	Ski Resort/parking lot, State Park
Impairment status	Impaired
Protection or restoration	Restoration

**Project Details**

Project Name	Trout Brook Restoration phase 3, construction engineering
Project Sponsor	South Washington Watershed District
Additional Project Partner(s) (other than sponsor)	MNDNR, Great River Greening, Afton Alps
Project Location (lat/long, address, or description)	Denmark Township, MN
DNR Level 8 Subwatershed	3706900
Applicable WBIF Work Plan Activity	Stream Restoration, Engineering
Funding Specifically Allocated to this Project in Work Plan (if applicable)	\$95,000
Estimated Construction Timeline	2023

# PROJECT REQUEST FORM

## Lower St. Croix Partnership – Watershed Based Implementation Funding

Total Project Cost	\$1,250,000
Estimated Lifetime Project Cost (incl. O&M)	
Requested Grant Funding	\$95,000
Match provided, match source (cannot be state funds)	25% SWWD funds
Target Waterbody (from CWMP Table 5-2, 5-3, 5-4)	Trout Brook, delivered to LSC
Est. Phosphorus Load Reduction @ Target Waterbody	177 lbs/yr
Est. TSS Load Reduction @ Target Waterbody	154 tons/yr
Calculation Tool Used	Field data, BANCS assessment, literature
Project Lifespan	25+
Lifetime Cost-Benefit (\$/lb phosphorus removed)	

### Pre-Project Identification

Total phosphorus load entering target waterbody	
Total suspended solids load entering target waterbody	
Major sources of nutrient loading	Regionally significant streams (table 5-2)
P reduction required to achieve water quality goal	4,4140 lbs TP/yr from stream sources to LSC
Completed projects, load reduction	
Alternative projects, load reduction	None for Trout Brook streambank erosion

### 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)
- 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
<a href="#">Implementation - BMPs/Restoration Activities</a>
<a href="#">Implementation - Shared Services</a>
<a href="#">Prioritization &amp; Analysis</a>
<a href="#">Administration</a>

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

# PROJECT REQUEST FORM

## Lower St. Croix Partnership – Watershed Based Implementation Funding

### 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].

<b>Organization</b>	<b>Aye</b>	<b>Nay</b>	<b>Absent</b>
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			
<b>TOTAL (need majority vote to pass)</b>			