

7-24-23 Policy Committee Agenda

- 1. Welcome and introductions
- 2. Approve agenda
- 3. Approve 4-24-23 Policy Committee minutes
- 4. 2022 Activities Report
- 5. Updates on Lower St. Croix Watershed Plan Implementation
 - WBIF Grant
 - Financial Report (FY21 & 23)
 - Ag outreach & non-structural ag program
 - Shared education program
 - Projects in-progress
 - CWF Soil Health Grant
- 6. Program snapshot: Minimal Impact Development Standards (MIDS)
- 7. Topics and format for October Policy Committee meeting
- 8. Adjourn



ANNUAL REPORTING AND PLAN OF WORK (Does not include WBIF grant)

Lower St. Croix Partnership Annual Plan of Work (based on LSC CWMP Table 5-1)

				From CWI	МР	2	-year ouputs and	d costs divided b	y 2				2021 Yearend Progress I	Reporting			
Activity	Priority Location	Measurable Output	Implementation Actions	Years 1-2 Outputs	Years 1-2 Estimated Cost	Fiscal Year 1 (Jul '21-Jun '22) Outputs	Fiscal Year 1 (Jul '21-Jun '22) Estimated Cost	Fiscal Year 2 (Jul '22-Jun '23) Outputs	Fiscal Year 2 (Jul '22-Jun '23) Estimated Cost	Fiscal Agent/ Responsible Party	Funding Sources	WD, WMO, SWCD, County, LID, or Multiple	Year 1 (2021) Description of Outputs Accomplished	Year 1 Dollars	(2021) Spent		(2021) us Removal
A. Implementation Actions	for Agricultural Lands																
'GW Quality (Table 3-1 IW1A, 28)	Sasin Wide Priority - Apricultural lands where: 10 WSMA whitestility is moderate, high, or very high; or 13 Pollution sensitivity to well is in high or very high; or 3) Pollution sensitivity to mean surface materials is 14 Wall testing show 2.5 mg/L nitrate See Figure 5-1.	Install BMPs on 2,200 acres that improve soil health and/or reduce nitrogen and pesticide pollution to groundwater		300 ac	[see Table S-1 Impl. Actions]			150 ac		Chisago SWCD	FY21 WBIF (Activity 4), other Partner local funds, state/federal grants	WD Multiple	CLFAWD: 30 acres of cropland convension to perennial (34 lb/yr P reduction to Bone Lake) CMSCWD/WCD/Land Trust 14.0 acres cropland to prairie and sevensh 19.4 lb/y P reduction to Silver Creek.	\$59,000	\$5,000 \$54,000	19.4	lb/yr phasphoru lb/yr phasphoru
												County	Washington County: 18 acres cropland to prairie at St. Croix Bluffs Regional	1			
*Rivers & Streams + St. Croix River WQ (Table 3-1 R&5 1A; STC 1B, C)	Regionally Significant Rivers and Streams: - All streams and tributaries in Sunrise River Watershed (whole watershed regardless of direct drainage)	Reduce total phosphorus by 3,300 bs/year (install approximately 220 BMPs @ estimated 15 bs/BMP) and reduce TSS, becteria, and nitrogen as secondary		450 lbs TP (approx. 30 BMPs)	[see Table 5-1 Impl. Actions]			225 lbs TP (approx 15 BMPs)		Chisago SWCD for WBIF projects see specific entity for non-WBIF	FY21 WBIF (Activity 2, 4), Partner local	SWCD	Park ISWCD: Cover Crops (N. Branch Sunrsie River (140 acres)+ 6.6 bs/yr.				lb/yr phasphoru
	 Direct drainage areas to St. Croix River through Rock, Rush, Soose, Lawrence, and Browns Creeks and Trout Brook and other small streams shown in Figure 5-2 	benefit								projects	funds, state/federal grants		CSMCD: Direct Drainage 12 structural BMPs = 886 Balyn; Cover Crops (Sumrise River and Direct Drainage) 157 erres; 7.5 lbu/yr., WCD: buffer restoration [St. Croix direct drainage, Marina]; 51. Croix River shoreline stabilization = 3.7 dby/yr P = 88,000 lb 158 ACD & SSWMO; Martin Lake Pores Stormwater Prond Enhancement Project			37.4	phasphoru lb/yr phasphoru
	See Table 5-2 for streams and total phosphorus reduction goals; see Figure 5-2											Multiple	1.09lb/yr P + 436lb/yr TSS.				phasphoru
												Multiple	ACD & SRWMO: Arvold Martin Lakeshore stabilization 2.8lb/yr TP + 5,625lb/yr TSS;			843.5 s 97.4 s 1.09 s 0 1.09 s 0 0 0 s 0 0	phasphoru
												Multiple	ACD & SRWMO: Ferden Martin Lakeshore stabilization 0.48lb/yr TP + 600lb/yr TSS.				phasphore
												WD	CLFLWD: Bone Lake Southeast/Meadowbrook Wetland Restoration (Sunrise River watershed) = 35 lb/w P.	5897,712			lb/yr phasphor
												County	Washington County: 18 acres cropland to prairie at St. Crois Bluffs Regional Park = 21b/w TP to St. Croix River	,,		21	lb/yr phaspho
												WD	CMSCWD: Marine on St. Croix Town Center Stormwater Retrofits. St. Croix River 16.7 lbs./yr TP and 15,010 lbs/yr TSS	1			
												LID	CLID: The CLID provides match funds to encourage environmentally sound land use practices for urban and agricultural areas to protect water quality within the Chisago Lakes Chain of Lakes Watershed	1			ргазрта
												WD	BCWD: Brown's Creek Diversion Tributary restoration benefits Brown's Creek, McKuick Lake, and the St. Croix. Installed 22 rock varies along \$300 linear feet of Stream. Reduced TP 52 lbs/year, TS\$-48 tons/year. All funding from BCWD local levy. \$87,600				lb/yr phasphor
												SWCD	PSWCD: Pertnership effort with NRCS to install WASCBs and a grassed waterway on two separate properties. EQP paid for a portion of the installation. Pine SWCD secured funding through Wild Rivers Conservancy to cover the rest. 222.48lbs/yr P, 184lbs/yr TS.			48	lb/yr phasphor
*Lake WQ from ag (Table 3-1	Regionally Significant Lakes for Agricultural BMPs See Table 5-3 for lakes and total phosphorus reduction	Install conservation BMPs, near sensitive lakes or in direct lake catchments to		150 lbs TP (approx.300 ac and/or 10 BMPs)		75 lbs TP (approx 150 ac		75 lbs TP (approx 150 ac		Chisago SWCD for WBIF projects	FY21 WBIF (Activity 2, 4).	SWCD	CSWCD: Rush Lake: 1 structural BMP: 2.6 lbs/yr			2.6	lb/yr phasahor
LK1A, 2A)	goals; see Figure 5-3 for map	reduce TP by 1,275 lbs (estimated 15 lbs/BMP) and reduce TSS, bacteria, N as				and/or S BMPs1		and/or 5 BMPs)		see specific entity for non-WBIF							, , , , , , ,
		secondary benefit				GEF 1)		DATE OF		projects	funds,						
GW Quantity (Table 3-1 GW2A)	All agricultural irrigation; highest priority given to highest comunem; for contest: Active water use permits from MAPARS database 2018: 100 agricultural irrigation; 157 Water Supply Webb; 37 Non-crap irrigation; 7otal = 294, 100 of those used >1MG in 2018.]	2018: 100 agricultural irrigators; 157 Water Supply Wells; 37 Non-crop irrigators. Total = 294. 100 of those used >1MG in 2018.]			[see Table 5-: Impl. Actions	1				/CLUD	funds, state/federal grants						
River & Stream Flows (Table 3-1 R&S 3A)	Basin wide	identify and map 100% of private ditches as part of developing Conservation Plans		Maps created during all applicable landowner interactions	[see Table 5-: Impl. Actions	Maps created during all applicable landowner interactions		Maps created during all applicable landowner interactions		/CLUB	Partner local funds, state/federal grants						
Drainage impacts on wetlands (Table 3-1 WTL 18)	All public and private ditches	Review 100% of drainage projects for possible impacts to wetland quality		All active and proposed projects reviewed	[see Table 5-: Impl. Actions	All active and		All active and proposed projects reviewed		SWCD/WMO/WD /CLUD	Partner local funds, state/federal grants	County	Chisago County: As a result of the new buffer requirements, 2011 also saw a busy dish impection year. The Wedland Specialist continues to oversee the maintenance of County public and private dish and drainage system for functionality and adherence to the drainage code and the WCA drainage standards.	\$27,700	\$27,700		
													Chisago County: 2021 saw a further increase to Wetland Conservation Act (WCA) applications, particularly in the arean of wetland delineation reviews. The Wetland Specialist saw to 12 alleged wetland violations, five actual violations and resolved one restoration orders in 2021. The wetland specialist				

2022 Activities Report

2022 TOTAL funding spent in priority areas in the LSC: \$2,826,689

WBIF: \$507,691 Non-WBIF Funds: \$2,319,998

Total amount of phosphorus reduced in priority waterbodies in 2022: 1,660.5 lbs/yr

2021: 1,493.77 lbs/year phosphorus reduction

2022: 1,660.5 lbs/year phosphorus reduction

10-year phosphorus reduction goal: 5,503 lb/yr





7-24-23 Policy Committee Agenda

- 1. ✓ Welcome and introductions
- 2. ✓ Approve agenda
- 3. ✓ Approve 4-24-23 Policy Committee minutes
- 4. ✓ 2022 Activities Report
- 5. Updates on Lower St. Croix Watershed Plan Implementation
 - WBIF Grant
 - Financial Report (FY21 & 23)
 - Ag outreach & non-structural ag program
 - Shared education program
 - Projects in-progress
 - CWF Soil Health Grant
- 6. Program snapshot: Minimal Impact Development Standards (MIDS)
- 7. Topics and format for October Policy Committee meeting
- 8. Adjourn

	FY21 WBIF -	Lo	wer St. Cr	oix	Watershe	ed l	Partners G	ran	t - Update	ed.	July 2023				
	А		В		С		D		E		F	G	н		I
	ACTIVITY	w	BIF BALANCE		ATCH ANCE	E	MOUNT WBIF's NCUMBERED b-Agreements)	w	AMOUNT BIF's SPENT		AMOUNT WBIF'S UNSPENT	PERCENT WBIF's ENCUMBERE D	PERCENT WBIF's SPENT		MOUNT OF MATCH FUNDS RECEIVED
A1	Basin Ag Outreach Program	5	200,000.00	\$	-	\$	200,000.00	\$	143,999.74	\$	56,000.26	100%	72%	ş	-
A2	Structural Ag BMP Implementation	\$	107,174.00	\$	55,000.00	\$	106,462.31	\$	97,985.31	\$	9,188.69	99%	91%	\$	80,685.45
АЗ	Shared Services Educator	\$	125,000.00	\$	4,800.00	\$	125,000.00	\$	125,000.00	\$	-	100%	100%	\$	63,353.00
A4	Non-Structural BMPs	5	100,000.00	\$		\$	100,000.00	\$	80,000.00	\$	20,000.00	100%	80%	5	-
A5	Structural Urban BMP Implementation	5	360,000.00	\$	70,000.00	\$	360,000.00	\$	_	\$	360,000.00	100%	0%	\$	-
				_		_								_	
A6	Wetland Restoration Implementation	\$	105,857.00	\$	•	\$	105,857.00	\$	105,843.07	\$	13.93	100%	100%	5	•
A7	Internal Analyses	5	16,500.00	5	-	\$	16,500.00	5	16,500.00	5	-	100%	100%	5	15,852.26
A8	Targeting Analyses	5	150,000.00	5	-	\$	146,413.40	\$	116,157.71	5	33,842.29	98%	77%	\$	671.61
A9	Technical/Engineering	\$	-	\$	-	\$	-	\$		5	-			\$	-
A10	Administration/Coordination	\$	100,000.00	\$	_	\$	104,298.29	\$	96,371.60	\$	3,628.40	104%	96%	\$	712.17
	PROJECT BALANCE:	\$	1,264,531.00	\$	129,800.00	\$	1,264,531.00	\$	781,857.43	5	482,673.57	100%	62%	\$	161,274.49

Grant Agreement BWSR Approved: 3/31/21 Grant Agreement Expires: 12/31/2023

Grant Total: \$1,264,531 Minimum Match Amount: \$126,454

FY23 WBIF	- Lower St.	Croi	ix Watersh	ned I	Partners (Gra	nt - Updat	ed July 202	3			
A	В		С		D		E	F	G	Н		I
	WBIF BALANC	E	MATCH BALANCE	EN	OUNT WBIF's CUMBERED -Agreements)	w	AMOUNT /BIF's SPENT	PERCENT WBIF's ENCUMBERED	PERCENT WBIF's SPENT	AMOUNT OF MATCH FUNDS RECEIVED		BIF BALANCE EMAINING
A1 Structural Ag BMP Implementation	\$ 140,000.0	5	37,500.00	\$	-			0%	0%		\$	140,000.00
A2 Structural Urban BMP Implementation	\$ 118,054.0	\$	37,500.00	\$	45,000.00			38%	0%		\$	73,054.00
A3 Non-Structural Ag/Urban BMP Implementa	\$ 122,025.0	\$	-	\$	122,025.00			100%	0%		\$	-
A4 Wetland Restoration Implementation	\$ 220,000.0) \$	50,000.00	\$	220,000.00	\$	220,000.00	100%	100%	\$ 50,000.00	\$	_
A5 Agronomy Outreach Specialist	\$ 225,000.0	\$		\$	225,000.00			100%	0%		\$	•
A6 Shared Services Educator	\$ 270,500.0	5	2,857.90	\$	227,840.00	\$	13,248.04	84%	5%		\$	42,660.00
A7 Technical/Engineering	\$ 40,000.0	\$	-	\$	10,000.00			25%	0%		\$	30,000.00
A8 Internal Analyses	\$ 18,000.0	\$	-	\$				0%	0%		\$	18,000.00
A9 Targeting Analyses	\$ 45,000.0	5	-	\$	12,000.00			27%	0%		\$	33,000.00
A10 Administration/Coordination	\$ 80,000.0	5	-	\$	54,405.80	\$	5,594.20	68%	7%		5	25,594.20
PROJECT BALANCE:	\$ 1,278,579.0	5	127,857.90	5	916,270.80	\$	238,842.24	72%	19%	\$ 50,000.00	\$	362,308.20

Minimum Match Amount: \$ 127,858.00

Grant Agreement BWSR Approved: 11/9/2022 Grant Agreement Expires: 12/31/2025

Ag Outreach & Non-Structural Ag Program

April – July 2023

Outreach

- Hosting monthly ag team meetings for LSCWP staff
- MN Soil Health Action Framework Stakeholder cohort member developing a statewide framework
- Presented to Washington Master Gardeners and posted video on YouTube managing soils in vegetable production
- Presented at an emerging farmer event how to soil test and improve soil functions, provided binders on how to soil test, how to interpret results, nutrient recommendations, and aspects of different amendments
- Presented at MASWCD Area IV meeting inner workings and success of the partnership
- Speaking monthly on WCMP 100.9 radio
- **Creating videos** in the field tillage management effects on temperature, partner promotion, keeping the soil covered, example of no-till and cover crop implementation, and soil erosion
- Creating and posting on social media
- Working with partners on planning and implementing 4 ag field days
- Working with partners and put on 2 of the 3 Evening in the Prairie series





Ag Outreach & Non-Structural Ag Program

April – July 2023

Technical Assistance

- Completed **cover crop field surveys** on 22 sites
- Completed soil health testing on 5 sites
- Completing site visits for practice certifications (2,798ac)
 - Conservation Cover: 20ac 1 producer
 - Pasture and Hayland Planting: 147.7ac 4 producers
 - Conservation Tillage: 1,000ac 3 producers
 - No-Till/Strip Till: 1,630ac 14 producers
- Conservation planning and support site visits, communications, tech recommendations, designs, and collaboration
- Training staff to increase JAA
- Reviewing certification and completed project documentation
- Updating and maintaining project spreadsheet practices, extent, reductions, partners, etc
- Participated in Washington County's LWG meeting providing feedback and recommendations
- Providing partner staff with technical support











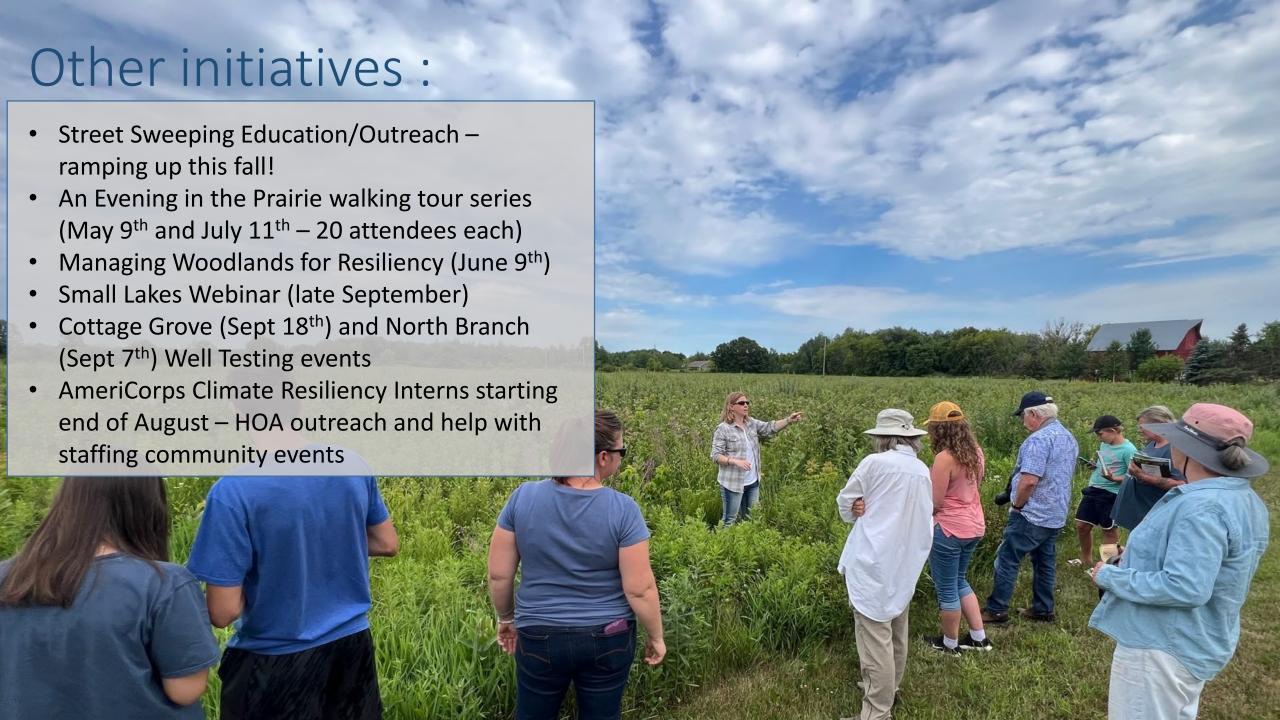
Shoreland outreach:

- May 20th Navigate to a Cleaner Lake Showcase at the Uncommon Loon Brewery (40 attendees)
- Protect and Restore Your Shore webinars (50 attendees)
- "Vanishing shoreline" sessions at Workshops on the Water
- Buffer neighborhood show and tell events??
- MN Lakes and Rivers Advocates bringing the annual meeting to Stillwater in late April 2024
- Potential for lake association miniconference? (will explore this winter)

Local leader outreach:

- June Smart Salting for Local Leaders (several attendees from LSC area)
- Workshops on the Water
 - Taylors Falls roughly 100 attendees
 - Stillwater roughly 80 attendees
- Assisting Jay Michels and Mike Isensee in assessing interest in communities to adopt Minimal Impact Development Standards
 - North Branch
 - Rush City
 - Chisago City
 - Scandia
 - Marine on St. Croix









Targeting and prioritization analyses

IN PROGRESS

- NEW Goose Lake SWA (Chisago SWCD)
 - \$12,000 (FY23)
- Rock Lake SWA (Pine Co)
 - \$12,541 (FY21)
- Sunrise River Priority Drainage Areas (Anoka Co)
 - \$27,200 (FY21)
- Northeastern Washington Co St. Croix and Spring Streams (Carnelian-Marine-St. Croix WD)
 - \$20,000 (FY21)

COMPLETE

- Updating urban and rural subwatershed prioritization (SWA) protocols
 - \$8000 (FY21)
- Delineation and prioritization of contributing subcatchments Pine County and Sunrise River
 - \$26,772 (FY21)
- Tree canopy assessment protocol for enhanced street sweeping
 - \$8,500 (FY21)
- Street sweeping studies 16 cities
 - \$40,000 (FY21)

TOTAL AVAILABLE (FY21 = \$150,000) (FY23 = \$45,000)
TOTAL ENCUMBERED = \$146,413 from FY21, \$12,000 from FY23

Project requests <\$50K need to be submitted by 8/9

This deadline applies for the following activities:

A1 – Structural ag BMPs

A2 – Structural urban BMPs

A4 – Wetland restoration (already 100% spent)

A7 – TA and engineering

A8 – Internal analyses

A9 – Targeting and prioritization analyses



7-24-23 Policy Committee Agenda

- 1. ✓ Welcome and introductions
- 2. ✓ Approve agenda
- 3. ✓ Approve 4-24-23 Policy Committee minutes
- 4. ✓ 2022 Activities Report
- 5. ✓ Updates on Lower St. Croix Watershed Plan Implementation
 - WBIF Grant
 - Financial Report (FY21 & 23)
 - Ag outreach & non-structural ag program
 - Shared education program
 - Projects in-progress
 - CWF Soil Health Grant
- 6. ✓ Program snapshot: Minimal Impact Development Standards (MIDS)
- 7. Topics and format for October Policy Committee meeting
- 8. Adjourn