



Cannon River Watershed Joint Powers Board

Mission: Work collaboratively to improve and protect the natural resources within the Cannon River Watershed to ensure prosperity of our urban and agricultural communities.

AGENDA

Cannon River Watershed Joint Powers Board Meeting

May 7th, 2025 at 9am

Rice County Fairgrounds Straight River Room
1814 2nd Ave NW, Faribault, MN 55021

I. Call to Order and Roll Call

II. Election of officers and committee members

III. Consent Agenda

1. Approval of Agenda
2. Approval of Joint Powers Board Minutes of February 5th, 2025 Meeting
3. Minutes of March 17th, 2025 Executive Committee Meetings
4. Minutes of April 14th, 2025 Executive Committee Meetings
5. 2025 1st Quarter Financial Summary and Bills Payable
6. 2025 Budget update
7. MPCA Algal Bloom contract
8. RSDP application update
9. FY23 workplan change- April 2025

IV. Regular Agenda

10. Lake Frances petition- *Board Action required*
11. Promotional Material- *Board Action required*
12. 2026 Dues discussion- *Informational*

13. NRCS Watershed Protection and Flood Prevention Operations (WFPO)

Program Application- *Board Action Required*

V. Update on implementation activities

14. Native plants Workshop presentation

VI. Staff Reports

VII. Other Correspondence

VIII. Adjourn



Cannon River Watershed Joint Powers Board

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**Draft CRWJPB Meeting
February 5th, 2025 at 9 am
Rice County Fairgrounds Straight River Room
1814 2nd Ave NW, Faribault, MN 55021**

CRWJPB Members: Kerry Olson (Belle Creek WD), Mike Slavik (Dakota County), Kevin Chamberlain (Dakota SWCD), Brad Anderson (Goodhue County), Ed McNamara (Goodhue SWCD), David Preisler (Le Sueur County), Ken Mader (Le Sueur SWCD), Dan Hansen (Steele SWCD), Jeff Reed (North Cannon WMO), Roger Bongers (Rice SWCD), Josh Prokopec (Steele County), Galen Malecha (Rice County), Doug Christopherson (Waseca County), Dan Roemhildt (Waseca SWCD)

Also in Attendance: Emmie Scheffler (Rice SWCD staff), Beau Kennedy (Goodhue SWCD staff), Steve Pahs (Rice SWCD staff), Brad Becker (Dakota County staff), Holly Bushman (Le Sueur County staff), David Stenzel (Steele County staff), Shane Bugeja (BWSR), Ashley Gallagher (Dakota County staff), Mike Schultz (Le Sueur SWCD staff), Teresa Demars (Rice SWCD staff), Steve Rolhding (Le Sueur County board), Jeremy Maul (BWSR), Mark Schaetzke (Waseca SWCD staff), Ian Pringle (Steele SWCD staff), Trevor Rudenick (Le Sueur County staff), Dante Rand, Julie Blackburn, Doug Lennartson, Tina King, Barb Judd

I. Call to Order and Roll Call

Chair Brad Anderson called the meeting to order at 9:01 am.

II. Election of officers and committee members

Motion by Malecha, second by Hanson to elect Brad Anderson as chair, David Presler as vice chair, Galen Malecha as secretary, Roger Bongers as treasurer, and Mike Slavik as member at large for executive committee.

Motion by Slavik, second by Reed to close nominations and approve elections as motioned. Motion carried.

III. Consent Agenda

1. Approval of Agenda

2. Approval of Joint Powers Board Minutes of November 6th, 2024 Meeting
3. Minutes of November 20th, 2024 Executive Committee Meeting
4. Minutes of January 22nd, 2025 Executive Committee Meeting
5. 2024 4th Quarter Financial Summary and Bills Payable
6. 2024 Budget update
7. 2025 Budget update
8. Draft 2024 Annual Report
9. Approved 2025 CRP incentive Policy

Motion by Malecha, second by Slavik to approve the consent agenda with the correction of Droste, not Slavik in item 2 minutes. Motion carried.

IV. Regular Agenda

10. Adopt 2025 CRWJPB Operating Rules

Motion by Preisler, second by Chamberlain to adopt the 2025 CRWJPB operating rules and appendix as presented in the packet with the additions of the election of officers' results. Motion carried.

11. Adopt updated Funding Policy

Motion by Malecha, second by Reed to approve the 2025 CRWJPO funding policy as presented in the packet. Motion carried.

12. Regional Sustainable Development Partnership application

There will be a large number of opportunities, some possibly through legislation, for implementation for the Upper Cannon Flood study practices and community engagement will be important to get practices completed.

Motion by Slavik, second by Reed to approve submitting an application for the assistance on the Upper Cannon Flood study to the Regional Sustainable Development Partnership. Motion carried.

13. MPCA Algal Bloom sampling

Algal bloom monitoring would help track and figure out action items, along with being able to better inform the public. The city beaches in the area are already being tracked. The contract will be emailed out to all board members before approval by the executive committee.

Motion by Malecha, second by Rogers to give authority to the CRWJPB Executive committee to approve contracting with the MPCA on algal bloom samples. 13 in favor, 1 opposed. Motion carried.

14. Lake Frances petition

BWSR presented on the plan amendment process. A plan renewal sets the clock on the plan's ten years. The CRWJPB process has to follow the BWSR operating procedures, which supersedes the process wrote in the Cannon 1W1P. For plan assessments and amendments, there are grants available for up to \$50,000 through BWSR. BWSR is not sure if there will be grants available for 10-year plan updates.

Guests from Lake Frances association presented. Lake Frances has 177 or the 237 houses as a part of the association and collect around \$13,000 in dues annually. They were not included in the WRAPS through the MPCA.

Staff recommend sampling all the lakes in the watershed that don't currently have the data that was used for priority lake selection. Le Sueur County has some sampling opportunities available currently.

Motion by Preisler, second by Chamberlain to move to send back the request from Lake Frances to staff to review further and report back at the May meeting financial implications from the request and a recommendation based off data, along with a list of lakes that are missing the data used for priority lake selection. Motion carried.

15. CDs for WBIF FY25

Board recommendation is to look into MAGIC funds with the help of county staff for November when the CDs expire.

Motion by Reed, second by Slavik to approve 3, \$200,000 CDs for 180 days at Reliance Bank for the FY25 Watershed Based Implementation Funds. Motion carried.

V. Update on implementation activities

16. Le Sueur County Lidar presentation

Mike Schultz presented on the lidar and its uses.

VI. Staff Reports

BWSR reporting has been completed.

VII. Other Correspondence

No other correspondences.

VIII. Adjourn

The next meeting will be on May 7th, 2025 at 9am in the Straight River Room at the Rice County Fairgrounds. Meeting adjourned at 10:39 am.

Respectfully Submitted,

Galen Malecha,
Secretary Cannon River Watershed Joint Powers Board



Cannon River Watershed Joint Powers Board

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Draft Minutes CRWJPB Executive Committee March 17th, 2025 Teams Online Video Platform

CRWJPB Members: Mike Slavik (Dakota County), Brad Anderson (Goodhue County), Galen Malecha (Rice County), David Preisler (Le Sueur County), Roger Bongers

Also in Attendance: Emmie Scheffler (Rice SWCD staff)

1. Call to Order

Chair Anderson called the meeting to order at 1:00 pm.

2. Update on Implementation Activities

Emmie Scheffler is working on cost share allocations currently for the FY25 funds.

3. MPCA Algal Bloom Sampling Contract

Motion by Malecha, second by Bongers to approve the MPCA Algal Bloom contract and to give CRWJPB chair the authority to sign. Motion carried.

4. Circle Lake Improvement District Request

Motion by Preisler, second by Slavik to not write a letter of support for the Circle Lake Improvement District request due to not following local process but to promote and assist work through the current CRWJPO process in the Circle Lake area. Malecha denied request. Motion carried.

5. Lake Frances Updates

Draft from MPCA on a template showing what data is missing for lakes was reviewed. The final version will be presented at the May CRWJPB meeting. Discussion was focused on how priorities were selected and how the watershed landscape influences that process. Staff will work towards getting data for lakes lacking data that was used for priorities currently. The executive committee would like the lake associations to match in funds for the sampling.

6. Groundwater and Data Centers presentation for May CRWJPB meeting

The decision was to hold off on this presentation until a later meeting due to the complexity of this issue and time needed to discuss. A reminder is members in the CRWJPO do not have jurisdiction on this manner and a one page write up would suffice for members to review in case of public contacts.

A follow up suggestion is to have a presentation on the native plant workshop and partnering with extension.

7. Adjourn

Meeting adjourned at 1:39 pm.



Cannon River Watershed Joint Powers Board

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Draft Minutes CRWJPB Executive Committee April 14th, 2025 Teams Online Video Platform

CRWJPB Members: Mike Slavik (Dakota County), Brad Anderson (Goodhue County), Galen Malecha (Rice County), David Preisler (Le Sueur County), Roger Bongers (Rice SWCD)

Also in Attendance: Emmie Scheffler (Rice SWCD staff), Holly Bushman (Le Sueur County staff), Ashley Gallagher (Dakota SWCD staff)

1. Call to Order

Chair Anderson called the meeting to order at 8:00 am.

2. Update on Implementation Activities

Riverview Townhomes in Waterville would like to do a native planting project. Per current policy, only one contract is allowed per parcel. The townhouse association has 17 units. Le Sueur SWCD and County will work on a special contract based off the number of houses for the May CRWJPB meeting.

Rice SWCD has a structural project that exceeds the \$75,000 for local board approval. The project is WASCBS and is located in a priority area of the watershed. The executive committee recommends bringing the project in front of the full board for approval at the May CRWJPB meeting.

Staff would like to shift \$10,000 from shorelines to groundwater. Le Sueur County has well sealing projects that could be used up this year. Notification is needed to the executive committee for this change and Emmie will work on the workplan change with BWSR.

3. RSDP application update

The CRWJPO application was selected for the next round and staff have been working on the grant application.

4. Lake Frances Updates

Staff have the MPCA template to present at the May CRWJPB meeting. Staff recommendation is to not move forward with the amendment process.

5. Agenda Items for May CRWJPB Meeting

Dues will be discussed for 2026 with consideration of gathering lake data in the future. A presentation will be done on the native plant workshop.

6. Adjourn

Meeting adjourned at 8:35 am.

DRAFT



Cannon River Watershed Joint Powers Organization

Mission: Work collaboratively to improve and protect the natural resources within the Cannon River Watershed to ensure prosperity of our urban and agricultural communities.

Financial report for 1st quarter 2025.

The following reports were prepared April 28, 2025.

CRWJPO
PROGRAM SUMMARY
JANUARY 1 THRU MARCH 31 2025

	A	B	C	D	E	F	G	H	I
1		B	C	D	E	F			
2		FUNDING SOURCE	BEG. BAL	RECEIPTS	DISBURSE.	END BAL.			
3		Member Dues	154,819.42	36,750.00	5,544.00	\$186,025.42			
4		Interest	6,221.99	440.16		\$6,662.15			
5		<i>total dues from previous qtr</i>			Dues Balance			\$192,687.57	
6									
7		BWSR WBIF Grant FY22-23	\$514,329.00			\$514,329.00	50% rcv'd		rcv'd 3/14/2023
8		10% next funding received	\$150,000.00			\$150,000.00			rcv'd 2/23/2024
9		Education and Outreach	54,280.40		12,412.51	\$41,867.89			
10		Grant Administration	9,379.21		9,379.21	\$0.00			
11		Cost Share Projects	534,834.28		0.00	\$534,834.28			
12		Cost Share Projects T/A	124,413.87		27,826.77	\$96,587.10			
13		Groundwater	23,950.00		2,935.00	\$31,015.00			
14		Feedlot	50,000.00			\$50,000.00			
15		Grazing	50,000.00		1,178.96	\$48,821.04			
16		Plan Development	52,292.06		598.80	\$51,693.26			
17		Shorelines	7,000.00			\$7,000.00			
18		<i>total FY23 from previous qtr</i>	906,149.82		FY22-23 Grant Balance			861,818.57	E-Link Confirmed
19									
20		BWSR WBIF Grant FY25	\$768,495.00			\$768,495.00	50% rcv'd		rcv'd 1/29/2025
21		10% next funding received	\$0.00			\$0.00			
22		Education and Outreach	118,900.00			\$118,900.00			
23		Grant Administration	52,000.00		9,447.04	\$42,552.96			
24		Cost Share Projects	120,000.00			\$120,000.00			
25		Cost Share Projects T/A	250,000.00			\$250,000.00			
26		Groundwater	55,000.00			\$55,000.00			
27		Feedlot	100,000.00			\$100,000.00			
28		non structural management	220,000.00			\$220,000.00			
29		Plan Development	40,000.00			\$40,000.00			
30		Shorelines	20,000.00			\$20,000.00			
31		Wetlands	70,000.00			\$70,000.00			
32		<i>total FY25 from previous qtr</i>	975,900.00		FY25-27 Grant Balance			966,452.96	E-Link Confirmed
33									
34		CRP incentive grant - pilot	-7,250.00	9,750.00	500.00	\$2,000.00			
35		mpeca Algal Bloom Toxin Pilot proj.							
36									
37		TOTALS	906,149.82	\$46,940.16	\$69,822.29	\$1,054,506.14			
38									
39					Total funds	1,054,506.14			
40					Less State Grant Balances	-861,818.57			
41					Total funds undesignated	9,637.87			
42					operating fund balance	82,519.00			
43					plan revision fund balance	60,452.50			

TREASURER'S REPORT (BILLS PAYABLE)

04/28/25
Cash Basis

Cannon River Watershed Joint Powers Board Treasurer's Report As of March 31, 2025

	Type	Date	Num	Name	Memo	Clr	Split	Original Amount	Paid Amount	Balance
10000 - Checking/Savings										497,879.27
10200 - Reliance Bank Checking										25,833.77
	Bill Print-Check	01/02/2025	5177	M.C.I.T.	Invoice #20430R	✓	20000 - Accounts Payable	-4,037.00	-4,037.00	21,796.77
	Deposit	01/14/2025			Deposit	✓	-SPLIT-	18,000.00	18,000.00	39,796.77
	Deposit	01/24/2025			Deposit	✓	-SPLIT-	9,375.00	9,375.00	49,171.77
	Deposit	01/29/2025			Deposit	✓	26010 - Unmtd W&F Cannon 1W1P	788,495.00	788,495.00	817,886.77
	Deposit	01/29/2025			Deposit	✓	-SPLIT-	1,875.00	1,875.00	819,541.77
	Transfer	01/30/2025			Funds Transfer	✓	10300 - Reliance Bank Savings	-788,495.00	-788,495.00	51,046.77
	Deposit	02/07/2025			Deposit	✓	-SPLIT-	7,500.00	7,500.00	58,546.77
	Deposit	02/10/2025			Deposit	✓	643051 RW well seal 3.1.3-A-3	85.00	85.00	58,611.77
	Deposit	02/13/2025			Deposit					58,611.77
	Deposit	03/07/2025			Deposit	✓	44021 FY24 CRP incentives prog	9,750.00	9,750.00	68,361.77
	Transfer	03/28/2025			Funds Transfer		10300 - Reliance Bank Savings	50,000.00	50,000.00	118,361.77
	Bill Print-Check	03/31/2025	5190	Goodhue SWCD - V	1st qtr expenses - Invoice #2025-18		20000 - Accounts Payable	-15,177.34	-15,177.34	103,184.43
	Bill Print-Check	03/31/2025	5191	Le Sueur County - V	1st quarter - Invoice #Q1-2025-01		20000 - Accounts Payable	-8,511.54	-8,511.54	94,672.89
	Bill Print-Check	03/31/2025	5192	Le Sueur SWCD - v	1st quarter expenses - Invoice #2504 - 36, 37		20000 - Accounts Payable	-5,356.94	-5,356.94	89,315.95
	Bill Print-Check	03/31/2025	5193	Rice SWCD - Vendor	1st qtr expenses - Invoice #2018140		20000 - Accounts Payable	-24,562.41	-24,562.41	64,753.54
	Bill Print-Check	03/31/2025	5194	SE SWCD Technical Support JPB	1st qtr 2025 - Invoice #2025-15		20000 - Accounts Payable	-5,805.89	-5,805.89	59,147.65
	Bill Print-Check	03/31/2025	5195	Steele SWCD - vendor	1st quarter expenses - Invoice #2025-3		20000 - Accounts Payable	-1,858.75	-1,858.75	57,488.90
	Bill Print-Check	03/31/2025	5196	Waseca Soil & Water Conservation District	1st quarter - Invoice #10-2025-WasecaSWCD		20000 - Accounts Payable	-169.92	-169.92	57,318.98
Total 10200 - Reliance Bank Checking									31,485.21	57,318.98
10300 - Reliance Bank Savings										329,074.06
	Transfer	01/30/2025			Funds Transfer	✓	10200 - Reliance Bank Checking	788,495.00	788,495.00	1,097,589.00
	Deposit	01/31/2025			Interest	✓	48100 - Interest Income	124.04	124.04	1,097,693.04
	Transfer	02/10/2025			Funds Transfer	✓	10401 Rel Bk 6 mth CD 2/25-8/25	-200,000.00	-200,000.00	897,693.04
	Transfer	02/10/2025			Funds Transfer	✓	10402 Rel Bk 6 mth CD 2/25-8/25	-200,000.00	-200,000.00	697,693.04
	Transfer	02/10/2025			Funds Transfer	✓	10403 Rel Bk 6 mth CD 2/25-8/25	-200,000.00	-200,000.00	497,693.04
	Deposit	02/28/2025			Interest	✓	48100 - Interest Income	168.12	168.12	497,861.16
	Transfer	03/28/2025			Funds Transfer		10200 - Reliance Bank Checking	-50,000.00	-50,000.00	447,861.16
	Deposit	03/31/2025			Interest	✓	48100 - Interest Income	148.00	148.00	448,009.16
Total 10300 - Reliance Bank Savings									118,935.16	448,009.16
10400 - Rel Bk 15 mth CD (2/28)										142,971.50
Total 10400 - Rel Bk 15 mth CD (2/28)										142,971.50
10401 Rel Bk 6 mth CD 2/25-8/25										0.00
	Transfer	02/10/2025			Funds Transfer		10300 - Reliance Bank Savings	200,000.00	200,000.00	200,000.00
Total 10401 Rel Bk 6 mth CD 2/25-8/25									200,000.00	200,000.00
10402 Rel Bk 6 mth CD 2/25-8/25										0.00
	Transfer	02/10/2025			Funds Transfer		10300 - Reliance Bank Savings	200,000.00	200,000.00	200,000.00
Total 10402 Rel Bk 6 mth CD 2/25-8/25									200,000.00	200,000.00
10403 Rel Bk 6 mth CD 2/25-8/25										0.00
	Transfer	02/10/2025			Funds Transfer		10300 - Reliance Bank Savings	200,000.00	200,000.00	200,000.00
Total 10403 Rel Bk 6 mth CD 2/25-8/25									200,000.00	200,000.00
Total 10000 - Checking/Savings									750,420.37	1,248,299.64
TOTAL									750,420.37	1,248,299.64

REVENUES	2025 Budget Draft	2025 Budget Q1
Use of Fund Balance (Unrestricted Funds)	\$10,029.12	\$10,029.12
Dues from Members	\$36,750.00	\$36,750.00
Interest	\$1,000.00	\$0.00
Investment Earnings/Dividends	\$0.00	\$0.00
BWSR WBF Grant FY23	\$923,520.82	\$923,520.82
BWSR WBIF Grant FY25	\$768,495.00	\$768,495.00
CRP Incentive Grant	\$100,000.00	\$0.00
TOTAL REVENUE	\$1,839,794.94	\$1,738,794.94
EXPENSES		
Fund Source- Dues		
Develop Lake Management Plans	\$0.00	\$0.00
Upper Cannon River Flood Study	\$10,000.00	\$0.00
Administration -General	\$0.00	\$0.00
Administration - Fiscal Agent	\$0.00	\$0.00
Administration - Education and Outreach	\$0.00	\$0.00
Administration - TACS	\$0.00	\$0.00
Administration - AIM	\$5,000.00	\$1,507.00
Legal Services	\$3,000.00	\$0.00
Accounting and Audit Services	\$3,400.00	\$0.00
Liability Insurance and General Operating	\$4,200.00	\$0.00
Website	\$0.00	\$0.00
Fund Balance- Operating	\$6,000.00	\$6,000.00
Fund Balance- plan revisions	\$5,150.00	\$5,150.00
Promotional material- shirts, tents, etc	\$1,000.00	\$0.00
Subtotal	\$37,750.00	\$12,657.00
FY23 BWSR Grant		
Plan Development		
T/A Stream Restoration- 3.1.1-C-1	\$37,292.06	\$598.80
PTMapp Wetland Restoration- 3.1.2-A-1	\$15,000.00	\$0.00
Cost Share Projects		
Strucutres PL- 3.1.1-A-3	\$2,000.00	\$0.00
Structures IL- 3.1.1-B-3	\$19,830.62	\$0.00
Structures IS- 3.1.1-C-7	\$426,500.12	\$0.00
Nonstructural corn/sb- 3.2.1-B-2	\$1,874.54	\$0.00
Nonstructural short season- 3.2.1-B-3	\$0.00	\$0.00
Perennial crops- 3.2.1-A-1	\$80,000.00	\$0.00
Soil loss ordinance- 3.1.1-C-3	\$12,000.00	\$0.00
Feedlot		
Feedlot- 3.1.1-C-5	\$50,000.00	\$0.00
Grazing Plan		
Grazing plan- 3.1.1-C-6	\$50,000.00	\$1,178.96
Shorelines		
Shoreline plantings- 3.2.2-B-3	\$17,000.00	\$0.00
Education and Outreach		
Soil Health Team- 3.2.1-B-4	\$13,583.74	\$376.14
E&O implementation (role)	\$12,390.23	\$1,443.75
Biannual field day- 3.3.1-A-3	\$0.00	\$0.00
Education public- 3.3.1-B-3	\$28,306.43	\$10,592.63
Well clinics- 3.1.3-A-4	\$0.00	\$0.00
Groundwater		
Red Wing well sealing- 3.1.3-A-3	\$0.00	\$0.00
Well Sealing program- 3.1.3-A-8	\$23,950.00	\$3,000.00
C/S Techincal Assistance	\$124,413.87	\$27,826.77
Grant Administration	\$9,379.21	\$9,379.21
Subtotal	\$923,520.82	\$54,396.26
FY25 BWSR Grant		
Plan Development		
T/A Stream Restoration- 3.1.1-C-1	\$20,000.00	\$0.00
Cost Share Projects		
Strucutres PL- 3.1.1-A-3	\$1,000.00	\$0.00
Structures IL- 3.1.1-B-3	\$20,000.00	\$0.00
Structures IS- 3.1.1-C-7	\$225,961.00	\$0.00
Nonstructural corn/sb- 3.2.1-B-2	\$16,667.00	\$0.00
Nonstructural short season- 3.2.1-B-3	\$667.00	\$0.00
Livestock Waste Management		
Feedlot- 3.1.1-C-5	\$50,000.00	\$0.00
Non-structural Management Practices		
Lake Plans Implementation- protection lakes 3.1.1-A-2	\$40,000.00	\$0.00
Lake Plans Implementation- impaired lakes 3.1.1-B-2	\$80,000.00	\$0.00
Grazing plan- 3.1.1-C-6	\$20,000.00	\$0.00
Shorelines		
Shoreline plantings- 3.2.2-B-3	\$10,000.00	\$0.00
Education and Outreach		
Soil Health Team- 3.2.1-B-4	\$10,000.00	\$0.00
E&O implementation (role)	\$10,200.00	\$0.00
Biannual field day- 3.3.1-A-3	\$0.00	\$0.00
Professional workshops- 3.3.1-B-4	\$4,000.00	\$0.00
Education public- 3.3.1-B-3	\$25,000.00	\$0.00
Well clinics- 3.1.3-A-4	\$9,000.00	\$0.00
Groundwater		
Industrial well sealing- 3.1.3-A-3	\$20,000.00	\$0.00
Well Sealing program- 3.1.3-A-8	\$20,000.00	\$0.00
Wetlands		
Wetland restoration- 3.1.2-A-1	\$35,000.00	\$0.00
C/S Techincal Assistance	\$125,000.00	\$0.00
Grant Administration	\$26,000.00	\$9,447.04
Subtotal	\$768,495.00	\$9,447.04
CRP Incentive Grant	\$100,000.00	\$0.00
Subtotal	\$100,000.00	\$0.00
TOTAL EXPENSES	\$1,829,766	\$76,500
Year End Balance	\$10,029.12	\$1,662,294.64
Unrestricted Fund Balance (Membership Dues)	\$10,029.12	\$34,122.12
WBIF FY2023 fund balance	\$0.00	\$869,124.56
WBIF FY2025 fund balance	\$0.00	\$759,047.96
CRP Incentive Grant	\$0.00	\$0.00
Fund balance- plan revisions	\$65,602.00	\$65,602.00
fund balance- operating	\$88,519.00	\$88,519.00
Notes:		

**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

Agenda Item 7: MPCA Algal Bloom contract

Information Item

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler

PURPOSE/ACTION REQUESTED: Contract notification for the MPCA algal bloom sampling in the Cannon River Watershed.

SUMMARY:

The CRWJPB Executive committee approved the contract on March 17th. Attached is the contract for the board due to the contract not being available at the February CRWJPB meeting.

Staff had training on April 3rd and sampling has started or will be starting soon.

Supporting Documents:

MPCA Algal Bloom Contract, MPCA sampling workplan and budget



Joint Powers Agreement State of Minnesota

SWIFT Contract Number: 264697
Agency Interest ID: 194167
Activity ID: PRO20250001

This Agreement is between the State of Minnesota, acting through its Commissioner of **Minnesota Pollution Control Agency**, 520 Lafayette Road North, St. Paul Minnesota 55155 ("MPCA" or "State") and **Cannon River Watershed Joint Powers Board**, 2211 2nd Avenue Northwest, Suite 200, Faribault, Minnesota 55021 ("Governmental Unit").

Recitals

1. Under Minnesota Statute § 15.061 and § 471.59, subd. 10, the State is empowered to engage such assistance as deemed necessary.
2. The MPCA is in need of the **Algal Bloom Toxin Pilot Project** ("Project").
3. The Governmental Unit represents that it is duly qualified and agrees to perform all services described in this contract to the satisfaction of the State.

Agreement

1. Term of Agreement.

- 1.1** Effective Date: **March 24, 2025**, or the date the State obtains all required signatures under Minnesota Statute § 16C.05, subd. 2, whichever is later.
- 1.2** Expiration Date: **June 30, 2025**, or until all obligations have been satisfactorily fulfilled, whichever occurs first.

2. Agreement between the Parties.

The Governmental Unit who is not a state employee, will conduct the project and follow the budget as specified in **Attachment A**, which is attached and incorporated into this Agreement.

3. Consideration and Payment.

3.1 Consideration. The State will pay for all services performed by the Governmental Unit under this Agreement as follows:

- 3.1.1 Compensation.** The Governmental Unit will be paid in accordance with the breakdown of costs as set forth in **Attachment A**.
- 3.1.2 Travel expenses.** Reimbursement for travel and subsistence expenses actually and necessarily incurred by the Governmental Unit as a result of this Agreement will not exceed \$0.00; provided that the Governmental Unit will be reimbursed for travel and subsistence expenses in the same manner and in no greater amount than provided in the current "Commissioner's Plan" promulgated by the Commissioner of Minnesota Management and Budget office, which is incorporated into this Agreement by reference and which can be viewed at: <https://mn.gov/mmb/employee-relations/labor-relations/labor/commissioners-plan.jsp>.
- 3.1.3 Total obligation.** The total obligation of the State under this Agreement will not exceed **\$19,600.00 (Nineteen Thousand Six Hundred Dollars and Zero Cents)**.

3.2 Payment.

3.2.1 Invoices. The State will promptly pay the Governmental Unit after the Governmental Unit presents an itemized invoice for the services actually performed and the State's Authorized Representative accepts the invoiced services. Invoices must be submitted timely and according to the following schedule:

Monthly.

Invoices must include:

- Governmental Unit Name
- Agreement Amount
- Agreement Amount available to date
- Invoice Number
- Invoice Date
- MPCA Authorized Representative/Project Manager
- SWIFT Contract Number
- Invoicing Period (actual working period)
- Itemized list of all work performed
- Other items as requested

Invoices must be submitted electronically to: mpca.ap@state.mn.us. If there is a problem with submitting an invoice electronically, please contact the Accounts Payable Unit at 651-757-2491.

The Governmental Unit shall submit an invoice for the final payment upon submittal of the final progress and financial report within 15 (fifteen) days of the original or amended end date of this Contract. State reserves the right to review submitted invoices after 15 (fifteen) days and make a determination as to payment.

4. Authorized Representatives.

The State's Authorized Representative is **Kristen Dieterman**, 7381 Airport View Drive Rochester, Minnesota 55902, 507-206-2626, Kristen.Dieterman@state.mn.us, or successor.

The Governmental Unit's Authorized Representative is **Emmie Scheffler**, 2211 2nd Avenue Northwest, Suite 200, Faribault, Minnesota 55021, 507-332-5408, ext. 1006, Emmie.scheffler@riceswcd.org, or successor.

5. Assignment, Change Order, Amendments, Waiver, and Contract Complete.

5.1 Assignment. The Governmental Unit may neither assign nor transfer any rights or obligations under this Agreement without the prior consent of the State and a fully executed assignment agreement, executed and approved by the authorized parties or their successors.

5.2 Change Orders. If the State's Project Manager or the Governmental Unit's Authorized Representative identifies a change needed in the workplan and/or budget, either party may initiate a Change Order using the Change Order Form provided by the MPCA. Change Orders may not delay or jeopardize the success of the Project, alter the overall scope of the Project, increase or decrease the overall amount of the Contract/Agreement, or cause an extension of the term of this Agreement. Major changes require an Amendment rather than a Change Order.

The Change Order Form must be approved and signed by the State's Project Manager and the Governmental Unit's Authorized Representative in advance of doing the work. Documented changes will then become an integral and enforceable part of the Agreement. The MPCA has the sole discretion on the determination of whether a requested change is a Change Order or an Amendment. The state reserves the right to refuse any Change Order requests.

5.3 Amendments. Any amendment to this Agreement must be in writing and will not be effective until it has been executed and approved by the authorized parties or their successors.

5.4 Waiver. If the State fails to enforce any provision of this Agreement, that failure does not waive the provision or its right to enforce it.

5.5 Contract Complete. This Agreement contains all negotiations and agreements between the State and the Contractor. No other understanding regarding this Agreement, whether written or oral, may be used to bind either party.

6. Indemnification.

6.1 In the performance of this Agreement, the Indemnifying Party must indemnify, save, and hold harmless the State, its agents, and employees, from any claims or causes of action, including attorney's fees incurred by the State, to the extent caused by Indemnifying Party's:

- Intentional, willful, or negligent acts or omissions; or
- Actions that give rise to strict liability; or
- Breach of contract or warranty.

The Indemnifying Party is defined to include the Governmental Unit, the Governmental Unit's reseller, any third party that has a business relationship with the Governmental Unit, or Governmental Unit's agents or employees, and to the fullest extent permitted by law. The indemnification obligations of this section do not apply in the event the claim or cause of action is the result of the State's sole negligence. This clause will not be construed to bar any legal remedies the Indemnifying Party may have for the State's failure to fulfill its obligation under this Agreement.

6.2 Nothing within this Agreement, whether express or implied, shall be deemed to create an obligation on the part of the State to indemnify, defend, hold harmless or release the Indemnifying Party. This shall extend to all agreements related to the subject matter of this Contract, and to all terms subsequently added, without regard to order of precedence.

7. State Audits

Under Minn. Stat. § 16C.05, subd. 5, the Governmental Unit's books, records, documents, and accounting procedures and practices relevant to this Agreement are subject to examination by the State, the State Auditor, or Legislative Auditor, as appropriate, for a minimum of six years from the expiration or termination of this Agreement.

8. Government Data Practices.

The Governmental Unit and State must comply with the Minnesota Government Data Practices Act, Minn. Stat. Ch. 13, (or, if the State contracting party is part of the Judicial Branch, with the Rules of Public Access to Records of the Judicial Branch promulgated by the Minnesota Supreme Court as the same may be amended from time to time) as it applies to all data provided by the State under this Agreement, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Governmental Unit under this Contract. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data governed by the Minnesota Government Practices Act, Minn. Stat. Ch. 13, by either the Governmental Unit or the State.

If the Governmental Unit receives a request to release the data referred to in this clause, the Governmental Unit must immediately notify and consult with the State's Authorized Representative as to how the Governmental Unit should respond to the request. The Governmental Unit's response to the request shall comply with applicable law.

9. Venue.

Venue for all legal proceedings out of this Agreement, or its breach, must be in the appropriate state or federal court with competent jurisdiction in Ramsey County, Minnesota.

10. Termination.

10.1 Termination. The State or the Governmental Unit may terminate this agreement at any time, with or without cause, upon 30 days' written notice to the other party.

10.2 Termination for Insufficient Funding. The State may immediately terminate this Agreement if it does not obtain funding from the Minnesota Legislature, or other funding source; or if funding cannot be continued at a level sufficient to allow for the payment of the services covered here. Termination must be by written or fax notice to the Governmental Unit. The State is not obligated to pay for any services that are provided after notice and effective date of termination. However, the Governmental Unit will be entitled to payment, determined on a pro rata basis, for services satisfactorily performed to the extent that funds are available. The State will not be assessed any penalty if the agreement is terminated because of the decision of the Minnesota Legislature, or other funding source, not to appropriate funds. The State must provide the Governmental Unit notice of the lack of funding within a reasonable time of the State's receiving that notice.

11. E-Verify Certification (in accordance with Minn. Stat. § 16C.075).

HOLD

12. Intellectual Property Rights.

12.1 Definitions. For the purpose of this Section, the following words and phrases have the assigned definitions:

12.1.1 "Documents" are the originals of any databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, disks, or other materials, whether in tangible or electronic forms, prepared by the Contractor, its employees, agents, or subcontractors, in the performance of this Contract.

12.1.2 "Pre-Existing Intellectual Property" means intellectual property developed prior to or outside the scope of this Contract, and any derivatives of that intellectual property.

12.1.3 "Works" means all inventions, improvements, discoveries (whether or not patentable), databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, and disks conceived, reduced to practice, created or originated by the Contractor, its employees, agents, and subcontractors, either individually or jointly with others in the performance of this Contract. "Works" includes Documents.

12.2 Ownership. The State owns all rights, title, and interest in all of the intellectual property rights, including copyrights, patents, trade secrets, trademarks, and service marks in the Works and Documents created and paid for under this Contract. The Documents shall be the exclusive property of the State and all such Documents must be immediately returned to the State by the Contractor upon completion or cancellation of this Contract. To the extent possible, those Works eligible for copyright protection under the United States Copyright Act will be deemed to be "works made for hire." The Contractor assigns all right, title, and interest it may have in the Works and the Documents to the State. The Contractor must, at the request of the State, execute all papers and perform all other acts necessary to transfer or record the State's ownership interest in the Works and Documents.

12.3 Pre-existing Intellectual Property. Each Party shall retain ownership of its respective Pre-Existing Intellectual Property. The Contractor grants the State a perpetual, irrevocable, non-exclusive, royalty free license for Contractor's Pre-Existing Intellectual Property that are incorporated in the products, materials, equipment, deliverables, or services that are purchased through the Contract.

12.4 Obligations.

12.4.1 Notification. Whenever any invention, improvement, or discovery (whether or not patentable) is made or conceived for the first time or actually or constructively reduced to practice by the Contractor, including its employees and subcontractors, in the performance of this Contract, the Contractor will immediately give the State's Authorized Representative written notice thereof, and must promptly furnish the State's Authorized Representative with complete information and/or disclosure thereon.

12.4.2 Representation. The Contractor must perform all acts and take all steps necessary to ensure that all intellectual property rights in the Works and Documents are the sole property of the State, and that neither Contractor nor its employees, agents, or subcontractors retain any interest in and to the Works and Documents. The Contractor represents and warrants that the Works and Documents do not and will not infringe upon any intellectual property rights of other persons or entities.

12.4.3 Indemnification. Notwithstanding any other indemnification obligations addressed within this Contract, the Contractor will indemnify; defend, to the extent permitted by the Attorney General; and hold harmless the State, at the Contractor's expense, from any action or claim brought against the State to the extent that it is based on a claim that all or part of the Works or Documents infringe upon the intellectual property rights of others. The Contractor will be responsible for payment of any and all such claims, demands, obligations, liabilities, costs, and damages, including but not limited to, attorney fees. If such a claim or action arises, or in the Contractor's or the State's opinion is likely to arise, the Contractor must, at the State's discretion, either procure for the State the right or license to use the intellectual property rights at issue or replace or modify the allegedly infringing works or documents as necessary and appropriate to obviate the infringement claim. This remedy of the State will be in addition to and not exclusive of other remedies provided by law.

13. Copyright.

The Contractor shall save and hold harmless the State of Minnesota, its officers, agents, servants and employees, from liability of any kind or nature, arising from the use of any copyrighted or noncopyrighted compositions, secret process, patented or nonpatented invention, article or appliance furnished or used in the performance of the Contract.

14. Clean Water Funding.

14.1 Legacy Logo. Minn. Stat. §114D.50 Subd. 4 (f) states: "When practicable, a direct recipient of an appropriation from the clean water fund shall prominently display on the recipient's Web site home page the legacy logo required under Laws 2009, chapter 172, article 5, section 10, as amended by Laws 2010, chapter 361, article 3, section 5, accompanied by the phrase "Click here for more information." When a person clicks on the legacy logo image, the Web site must direct the person to a Web page that includes both the contact information that a person may use to obtain additional information, as well as a link to the Legislative Coordinating Commission Web site required under section [3.303, subdivision 10](#).

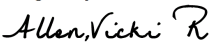



Clean Water Land and Legacy Amendment Logo Usage Guidelines:

http://www.legacy.leg.mn/sites/default/files/resources/Legacy_Logo_Guidelines.pdf

Download the Legacy Logo: <http://www.legacy.leg.mn/legacy-logo/legacy-logo-download>

14.2 Reporting FTEs. Minn. Stat. §3.303, Subd. 10 (2)(vi) requires that information provided on the Legislative Coordinating Commission's Legacy Fund website must include specific information on all projects receiving funding: "(vi) the number of full-time equivalents funded under the project. For the purposes of this item, "full-time equivalent" means a position directly attributed to the receipt of money from one or more of the funds covered under this section, calculated as the total number of hours planned for the position divided by 2,088."

Signatures

Title	Name	Signature	Date
encumbrance verification	Allen,Vicki R	<div>Signed by:  99F260C3D7A9427...</div>	March 19, 2025
Chairman	Brad Anderson	<div>DocuSigned by:  85B1CFD3BD7D4F5...</div>	March 19, 2025
Assistant Division Director	Melissa Lewis	<div>Signed by:  5F0F911B6E6D4E8...</div>	March 20, 2025
Contract Specialist	Jennell Flodquist	<div>Signed by:  47A63C274AF94B2...</div>	March 21, 2025

Admin ID

95902



Attachment A Project Workplan and Budget

Doc Type: Contract

SWIFT Contract number: 264697

Agency Interest ID: 194167

Activity ID: PRO20250001

Project title: Algal Bloom Toxin Pilot Project

1. Project summary:

Organization: Cannon River Watershed Joint Powers Board

Contractor contact name: Emmie Scheffler

Title: Cannon River Watershed JPB Administrator

Address: 2211 2nd Avenue Northwest, Suite 200
Faribault, MN 55021

Phone: 507-332-5408 ext 1006

Email: Emmie.scheffler@riceswcd.org

Minnesota Pollution Control Agency (MPCA) contact:

MPCA project manager: Kristen Dieterman

Title: Watershed Project Manager

Address: 7381 Airport View Drive Southwest
Rochester, MN 55902

Phone: 507-206-2626

Email: Kristen.Dieterman@state.mn.us

Brief project summary

Cannon River Watershed Joint Powers Board unit staff will attend a training day to gain knowledge and skills to use algal toxin test strips and respond to concerned callers. Staff will sample and visually monitor Lake Byllesby (19-0006-00), Cannon Lake (66-0008-00), Roberds Lake (66-0018-00) and Clear Lake (81-0014-01) for algal blooms and associated toxins. They will provide education and outreach to local staff and general public regarding algal blooms and potential risks. This important data will help to better understand algal bloom development, recession throughout the season and the toxins potentially released by algal blooms.

2. Workplan detail

Objective 1: Training

Task A: Attend agency training day; the date, time and location of the training will be agreed upon by both parties. Receive training on algal toxin test strips, algal bloom response basics and resources, how to collect and preserve a sample.

Objective 1 Timeline: Upon contract execution – April 15, 2025

Objective 2: Monitoring

Task A: Purchase ABRAXIS Microcystins Test Strips and ABRAXIS Anatoxin-a (VFDF) Test Strips. It is anticipated that up to 8 cases (160 strips) of ABRAXIS® Microcystins test strips and up to 8 cases (160 strips) of ABRAXIS® Anatoxin-A (VFDF) test strips will be purchased. This will cover weekly sampling of the four lakes, sample duplicates and replicates, test strips for training purposes, additional algal bloom event response, and sampling errors.

Task B: Collect 1 weekly grab sample from each of the four lakes (phytoplankton, Microcystins, Anatoxin-a) and deliver to the Minnesota Department of Health (MDH) lab in St. Paul. Collect a sample duplicate every 5th sampling event to ensure data and sampling quality.

Task C: Complete 1 weekly in-field rapid test strip analysis for Microcystins and Anatoxin-a in each of the four lakes. Collect a sample duplicate every sampling event to ensure data and sampling quality.

Task D: Document observations of weather and lake condition, collect basic water chemistry sonde measurements (pH, dissolved oxygen, conductivity, water temperature, air temperature, wind), take photographs of lake. Record test strip results in notes and on label and chain of custody form of grab samples.

Task E: Staff will respond when notified of a potential algal bloom in any lake within the Cannon River Watershed, by state or local government staff or general public.

Subtask 1: Provide outreach and resources to concerned public during bloom events.

Subtask 2: Collect grab samples, complete in-field rapid test strip analysis for Microcystins and Anatoxin-a, document observations of weather and lake condition, collect basic water chemistry sonde measurements (pH, dissolved oxygen, conductivity, temperature), take photographs of lake and record Global Positioning System (GPS) coordinates of bloom location if not an already designated sampling site.

Objective 2 Timeline: Upon contract execution– June 15, 2025

Objective 3: Administration, communication, budget tracking and invoicing, reporting.

Task A: Contract administration, monthly communication with MPCA project manager, prepare and submit monthly invoices for reimbursement, prepare and submit all data to MPCA project manager, prepare and submit a final report at the end of the contract.

Objective 3 Timeline: Upon contract execution – June 15, 2025

3. Project budget

Cost Category	Total amount not to exceed:
Total staff cost (see rates below)*	\$8,720.00
Supplies	\$10,880.00
Total obligation will not exceed:	\$19,600.00

***Staff rates shall not exceed the following hourly rates:**

Staff #1: Waseca SWCD Technician	\$41.88	Staff #4: Waseca County Watershed Coordinator	\$41.50
Staff #2: Waseca SWCD Technician	\$35.79	Staff #5: Rice SWCD Technician	\$80.00
Staff #3: Waseca SWCD Manager	\$80.86	Staff #6: Rice SWCD Manager	\$107.00
Staff #7: Rice SWCD Resource Specialist	\$60.00		

*No classifications beyond those listed here shall perform work for the project without prior written approval from the MPCA.

**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

Agenda Item 8: RSDP application update

Information Item

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler

PURPOSE/ACTION REQUESTED: Update on the application for outreach and community engagement assistance from the Regional Sustainable Development Partnership for the Upper Cannon Floody study.

SUMMARY:

The Regional Sustainable Development Partnership through the U of MN Extension has funding opportunities available to help small communities fill gaps in their current expertise. The CRWJPB approved submitting an application at the February CRWJPB meeting. The application was selected for the next round of consideration. Holly Bushman and Mike Schultz have been working on the grant application, along with Ryan Lerman from the U of MN Extension. The application was submitted the week of April 24th and staff are still waiting for a response.

Supporting Documents:

None.

**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

Agenda Item 9: FY23 workplan change- April 2025

Information Item

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler

PURPOSE/ACTION REQUESTED: Notification of FY23 WBIF workplan change that was made in April 2025.

SUMMARY:

Staff made a workplan change in April 2025 to the FY23 WBIF grant. This workplan change moved \$10,000 from Shorelines to Groundwater. This change was made after notification to the Executive committee and was approved by BWSR. This change was due to an increase need in private well sealings and not the number of sign ups anticipated for native shoreline plantings.

Supporting Documents:

None.

CANNON RIVER WATERSHED JOINT POWERS BOARD

Agenda Item 10: Lake Frances petition

Request for Action

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler

PURPOSE/ACTION REQUESTED: Discussion and decision on Lake Frances request for plan amendment and future lake sampling in the Cannon River Watershed.

SUMMARY:

Lake Frances in Le Sueur County has petitioned to staff to become a priority lake in the Cannon 1W1P. After discussion and review with BWSR on the process, an amendment would be needed to the plan. There is not an option based on current 1W1P operating procedures to add a large priority waterbody without involving the regular/minor amendment or plan renewal process. An amendment would likely need to be assessed for not just Lake Frances but multiple other lakes in the watershed that have discussed wanting to become priority lakes already with staff. For the amendment process, anyone can request one however the LGU or requestee may have to cover the plan amendment cost, unless the CRWJPB decides differently.

In order to prioritize goals and implementation during the planning process, 7 lakes were selected out of the 90 lakes in the watershed to target. This selection was based off data from past MPCA sampling, along with public input through multiple watershed wide meetings. The MPCA has made a summary of the lakes in the Cannon River Watershed showing what lakes have the data that was used for priority selection and what lakes are currently missing data. 29 lakes are currently missing data in the watershed, including Lake Frances.

Staff would like to assess this summer what data is missing from each lake and work on using dues, along with other local sources of funding, to get all the lakes to have the data needed for the ten-year plan revision. Having sufficient data does not guarantee a lake will be a priority, but will allow staff to see where the lakes fall for impairment/protection when selecting priorities.

Staff recommendation to the board is to not allow an amendment at this time due to the reasons listed above in the board memo and found on the supporting documents.

A motion is needed to approve or deny the request from Lake Frances to move towards an amendment on the Cannon River Comprehensive Watershed Management Plan.

Supporting Documents:

Cannon Lakes Summary, Lake Frances petition, Lake Frances petition cover letter



PO Box 351
Elysian MN 56028

Date: October 30, 2024

To: Cannon River Watershed Joint Powers Organization

From: Lake Frances Association, Elysian MN

RE: Request for amendment to the Cannon River Comprehensive Watershed Management Plan

The Lake Frances Association would like to formally request an amendment to the Cannon River Comprehensive Watershed Management Plan (CRCWMP) to include Lake Frances as a priority lake. It is our understanding that the 2020 comprehensive plan can be amended at the five-year mark and, as such, appreciate the consideration of our request at this time. Attached please find a memorandum from Julie Blackburn of ISG providing additional data and outlining the multiple reasons we believe this amendment should be considered and also a letter of support from the City of Elysian.

The Lake Frances Association is a motivated and dedicated organization focused on protecting, improving and promoting the ecologically and environmentally clean water of Lake Frances for generations to come. We have a growing membership of 175 households, representing approximately 75% of shoreline owners. It is our hope that the designation of Lake Frances as a priority lake will allow us greater partnership opportunities with government and non-profit entities to develop and implement a long-term lake management plan that fulfills our organization's goal of protecting Lake Frances.

An environmental rarity in the region, Lake Frances is a hardwood forest, primarily ground water sourced lake with a residence time of 19 years. Due to the excellent water clarity, it is a high demand destination for recreational boaters and a significant economic asset to the City of Elysian, Le Sueur County and surrounding communities. The lake has also experienced a significant increase in residential development pressure in recent years, which is anticipated to increase in the future. For these environmental and economic reasons, as well as those outlined in the attached memorandum, we believe that Lake Frances should be considered as a priority lake in the CRCWMP.

Should you have any questions on this request, please contact Tina King, President – Lake Frances Association, at t_king@outlook.com or cell 612-210-5880.

We appreciate your consideration of this request and look forward to your response.

Lake Frances Priority Lake Status In Cannon River Comprehensive Watershed Management Plan

Review of Existing Data and Alignment with CRCWMP Priorities

The logo for ISG (Interdisciplinary Systems Group) is located in the top right corner. It consists of the letters "ISG" in a white, sans-serif font, centered within a dark gray square.

To: Lake Frances Association

From: Julie Blackburn, Water Business Unit Leader, Julie.Blackburn@ISGInc.com

Date: October 28, 2024

Subject: Lake Frances Priority Lake Status in Cannon River Comprehensive Watershed Management Plan

CC: Holly Bushman, Le Sueur County

This memorandum is to summarize data and information regarding Lake Frances' (Lake ID 40-0057-00) water quality, habitat, and ecological status in support of a proposed amendment to the [Cannon River Comprehensive Watershed Management Plan](#) (CRCWMP) to include Lake Frances as a priority lake. Such an amendment is critical to access critical funding that will help protect the lake from potential future water quality impacts.

The Lake Frances Association has been actively engaging with its members to increase lake ecology knowledge, advance lake stewardship, and enhance this important resource. As the Lake Association continues to increase its activity, it seeks the opportunity to partner with governmental, private and non-profit organizations to implement monitoring and conservation actions that provide long-term protection of this valued resource. Being identified as a priority lake in the CRCWMP is a key action that will enable this group of motivated stewards to access and fund important resources.

Cannon River Comprehensive Watershed Management Plan Prioritization Process and Considerations

The Cannon River Planning Partners prioritized issues as well as geographic location when determining priority resources. The Planning Partners identified large surface water and groundwater priority areas where issues and concerns were concentrated using a mapping process. Then they identified priority resources. Finally, they targeted locations within each resource's drainage area to implement priority actions. General considerations applied during the priority process included resources that were:

- Identified as an issue or local value by members of the public through the public engagement process.
- Coincided with high-level priorities identified in the state's Nonpoint Priority Funding plan:
 - Restore those impaired waters that are closest to meeting state water quality standards.
 - Protect those high-quality unimpaired waters at greatest risk of becoming impaired.
 - Restore and protect water resources for public use and public health, including drinking water.
- Identified what could reasonably be achieved within the timeframe of the Plan recognizing that many of the concerns and issues identified in the Planning Area are priorities.
- Provided secondary benefits to downstream resources, communities, and systems.

They also reviewed data and information provided through other planning documents including the [MPCA Cannon River Watershed Monitoring and Assessment Report](#) and the [MPCA Cannon River Watershed Restoration and Protection Strategy](#) (WRAPS).

The result of this process was the priority scheme presented in Table 2-1 of the CRCWMP, provided below.

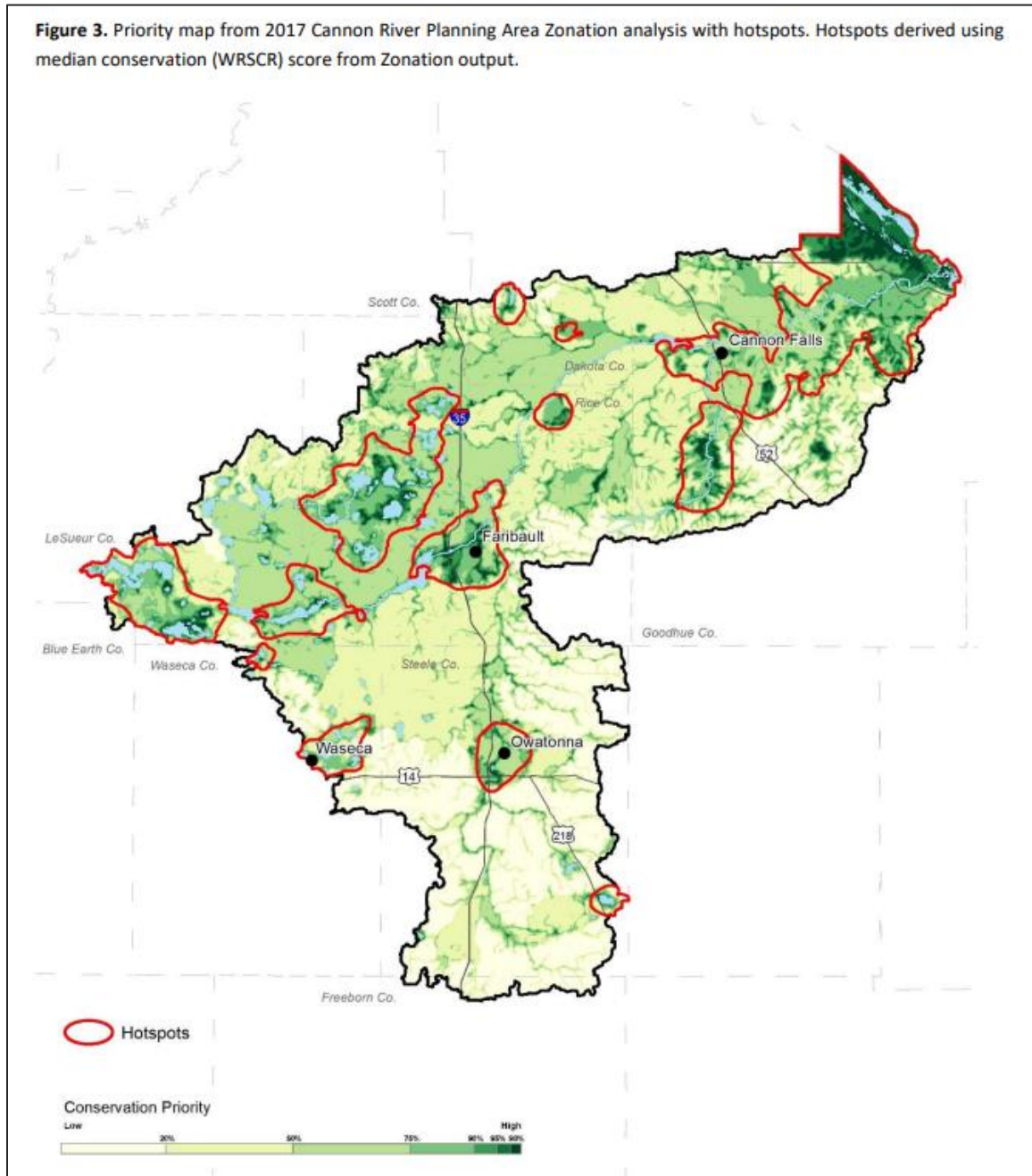
Figure 1: Table 2-1 from the Cannon River Comprehensive Watershed Management Plan.

Table 2-1. Comprehensive Watershed Priority Scheme feature supporting methods and tools

Comprehensive Watershed Priority Scheme Feature	Resource	Criteria for Identifying Priority Areas
Impaired or fully supporting lakes and streams	2016 Cannon River Watershed Restoration and Protection Strategies Aquatic Life Use and Recreation Use assessment maps	Lake eutrophication impairments, stream aquatic life impairments, and fully supporting lakes and streams.
Nearly or barely impaired lakes	2016 Cannon River Watershed Restoration and Protection Strategies report	In-lake phosphorus concentrations near the lake aquatic recreation water quality standards, and lakes and streams with declining long-term trends in water quality
Conservation hotspots	2017 Cannon River Zonation Conservation Prioritization Software Results	Areas with a concentration of lakes vulnerable to nutrient addition, lakes of biological significance, groundwater contamination susceptibility, floodplains, bluff/steep slopes, and trout stream catchments
High sediment, phosphorus or water yields	2015 Cannon River Watershed HSPF watershed pollutant loading model results 2017 Cannon River Watershed Prioritize, Target, and Measure Application (PTMAApp) results	Long-term annual average magnitude of pollutants (as pounds per acre per year) or water (as inches per acre per year) discharged by each subwatershed to surface water resources. Subwatersheds with higher sediment, phosphorus, and nitrogen pollutant yields
Groundwater dominated lakes Pollution sensitivity of near surface materials Pollution sensitivity of wells Nitrate well results	Minnesota Department of Health Cannon River Groundwater Restoration and Protection Strategies (GRAPS) report	Groundwater dominated lakes, high pollution sensitivity of near surface materials, high pollution sensitivity of wells, and wells with high nitrate results.

Zonation and HSPF model results were also reviewed and considered in the prioritization process. The Zonation Model priority results presented in Figure 3 of Appendix C of the [Cannon River Comprehensive Watershed Management Plan Appendices](#) are provided below

Figure 2: Figure 3 from the Cannon River Comprehensive Watershed Management Plan.



The Planning Partnership determined its priority resources and areas using these data and input gathered through engaging with a wide diversity of stakeholders.

While Chapter 2 of the CRCWMP explains the prioritization process, Chapter 3 identifies the priority resources, goals, and implementation priorities.

CRCWMP PRIORITIZED PROTECTION LAKES

Protection lakes are those that have high quality that require protection from further nutrient inputs. There were five high quality lakes which are all groundwater dependent (except Kelly Lake) with very small contributing areas that were selected as priority protection lakes. Table 3-1 of the CRCWMP provides the lake conditions which used Appendix 6.2 of the 2014 Cannon River Watershed Monitoring and Assessment Report as the basis for the data.

Figure 3: Table 3-1 from the Cannon River Comprehensive Watershed Management Plan.

Table 3-1. Observed conditions for Tier One Protection Lakes in the Cannon River Comprehensive Watershed Management Plan (Source: Appendix 6.2 in MPCA 2014 Cannon River Watershed Monitoring and Assessment Report)

Protection Lake	Observed Water Quality Conditions		
	Total Phosphorus (ug/L)	Chlorophyll-a (ug/L)	Secchi Depth (m)
NCHF Deep Lake Standard	<40	<14	>1.4
Beaver (74-0023-00)	22	9	1.4
Dudley (66-0014-00)	28	14	2.2
Fish (40-0051-00)	15	4	4.0
Kelly (66-0014-00)	42	14	2.1
Roemhildts (40-0039-00)	17	6	3.1

CRCWMP PRIORITIZED IMPAIRED LAKES

Lakes with high nutrients become impaired when they exceed water quality standards for nutrient loading. Three impaired lakes were selected as priority resources for the CRCWMP. The conditions for these lakes were provided in Table 3-4 of the plan. Again, the source of this data was Appendix 6.2 of the 2014 Cannon River Watershed Monitoring and Assessment Report which did not include Lake Frances.

Figure 4: Table 2-1 from the Cannon River Comprehensive Watershed Management Plan.

Table 3-4. Observed conditions and lake aquatic recreation water quality standards for Tier One Impaired Lakes in the Cannon River Comprehensive Watershed Management Plan (Source: Appendix 6.2 in MPCA 2014 Cannon River Watershed Monitoring and Assessment Report)

Impaired Lake	Observed Water Quality Conditions		
	Total Phosphorus (ug/L)	Chlorophyll-a (ug/L)	Secchi Depth (m)
NCHF Deep Lake Standard	<40	<14	>1.4
Cedar (66-0052-00)	56	28	1.0
Fox (66-0029-00)	88	31	1.3
NCHF Shallow Lake Standard	<60	<20	>2.0
Hunt (66-0047-00)	91	61	1.0

Omission of Lake Frances in CRCWMP Prioritization Process

Lake Frances was omitted for consideration in the CRCWMP prioritization process because the source of the data used for that process was *Appendix 6.2 - MINLEAP model estimates of phosphorus loads for lakes in the Cannon River Watershed* of the MPCA 2014 Cannon River Watershed Monitoring and Assessment Report. This Appendix did not include Lake Frances. In fact, the 2014 Monitoring and Assessment report also does not include Lake Frances in *Table 6. Lake water aquatic recreation assessments: Upper Cannon River Subwatersheds*, which may have been the source of the list of lakes that MNLEAP was performed.

Lake Frances was listed in *Appendix 3.2 - Assessment results for lakes in the Cannon River Watershed* in the monitoring and assessment report. The aquatic recreation support status for the lake was designated as IF and the cell was shaded light pink. These indicators mean that there is insufficient information to determine the assessment status and that the existing impairment was listed prior to the 2012 reporting cycle. Lake Frances was listed as impaired in 2007.

Lake Frances Omission from Prioritization in The Cannon River Watershed Restoration and Protection Strategies Report

The Cannon River WRAPS report does not include a detailed description of the exact source of data used to determine its priorities but does state that the 2014 MPCA Cannon River Watershed Monitoring and Assessment Report was relied upon. Chapter 3.1 does list four (4) lakes that are impaired but close to meeting water quality standards with two of those lakes, Cedar and Fox being deep lakes, which is the same classification as Lake Frances.

Evaluation of Lake Frances for CRCWMP Priorities According to Available Data

Because Lake Frances was not included in the source data for determining priority waterbodies in the CRCWMP, available data was evaluated according to the prioritization scheme of the CRCWMP. Lake Frances fits at least all of the following prioritization criteria that were applied in the plan:

1. Lakes that are either fully supporting water quality standards or are nearly/barely impaired
2. Conservation hotspot
3. Groundwater dominated lakes

1: LAKES EITHER FULLY SUPPORTING WATER QUALITY STANDARDS OR NEARLY/BARELY IMPAIRED

To the best of my knowledge, based on extensive data review and evaluation of publicly available data, it appears that there is not a MNLEAP model or a detailed BATHTUB model of Lake Frances. Furthermore, intensive monitoring has not been completed on that lake since 2007, 18 years ago. Water quality standard determinations are made using only 10 years of data prior to the evaluation. Therefore, there is no data that adequately represents the current lake status.

Even so, using the [MPCA Water Quality Assessment Results Data Viewer](#), Lake Frances has a lower TP than the other priority lakes, meaning it's closer to the standard than the others. It also has the highest benefit:cost ratio of any lake in the Cannon River Watershed. This means that based on phosphorus sensitivity, lake size, and catchment distance, Lake Frances is the highest priority for water quality conservation efforts in the watershed.

Lake Frances Priority Lake Status In The Cannon River CWMP

Review of Existing Data and Alignment with CRCWMP Priorities

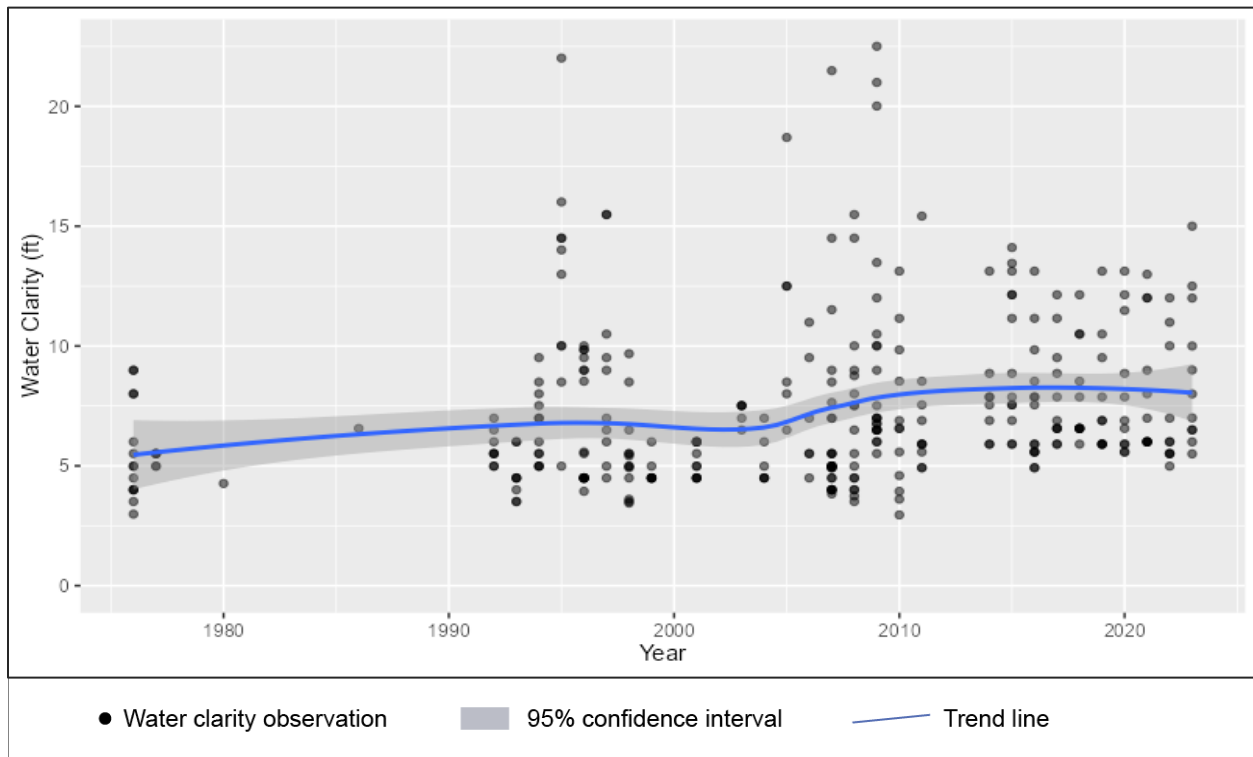
ISG

Figure 5: Lake Frances Water Quality Summary, MPCA Water Quality Assessment Results Data Viewer.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Lake ID	Lake Name	LBCA Class	Sensi	Nearly	Depth Cl	Lake of Bic	Nutri	LPSS Protec	LAKE Ac	in Sec	Mean TP (u	Watershed Acre	
66-0052-00	Cedar	High	2		deep		Y	NA (Impaired)	902	1	82	4,715	
66-0029-00	Fox	High	1		deep		Y	NA (Impaired)	312	2	85	8,731	
40-0057-00	Frances	Highest	4		deep	Moderate	Y	NA (Impaired)	927	2	64	3,663	
66-0047-00	Hunt	High	9		deep		Y	NA (Impaired)	176	1	91	649	

Furthermore, there is reason to believe that Lake Frances' water quality has continue to improve. There is a robust dataset for volunteer transparency monitoring results (<https://webapp.pca.state.mn.us/surface-water/impairment/40-0057-00>). For years 1976 to 2023 there is evidence of improving water clarity at this lake, of approximately 0.5 feet per decade. For the most recent year of the analysis, median water clarity was 5.00 feet higher than the watershed median.

Figure 6: Lake Frances Secchi Trend, MPCA Water Quality Assessment Results Data Viewer.



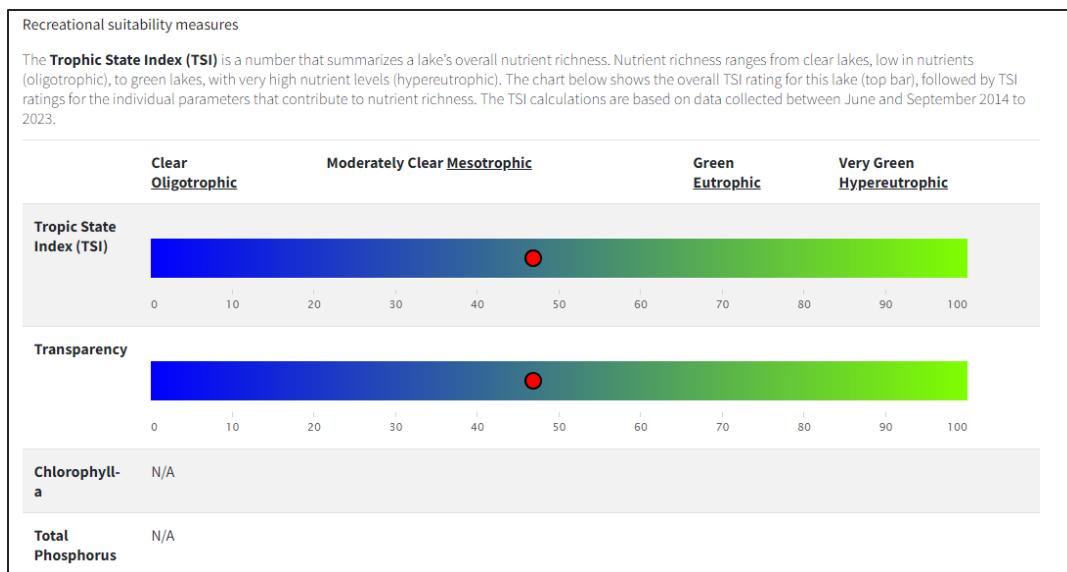
Based on the Secchi transparency data gathered by volunteers, the Trophic State Index (TSI) is mesotrophic and well within the expected TSI range of lakes in the North Central Hardwood Forest Ecoregion.

Lake Frances Priority Lake Status In The Cannon River CWMP

Review of Existing Data and Alignment with CRCWMP Priorities

ISG

Figure 7: Lake Frances Transparency TSI, MPCA Water Quality Assessment Results Data Viewer.



Newer tools and technology provide another glimpse into the current water quality of Lake Frances. The Minnesota LakeBrowser tool (<https://lakes.rs.umn.edu/#40005700>) uses satellite derived data to indicate water quality. According to this source, Lake Frances is in the 85th percentile for water clarity in the Cannon River Watershed and 86th percentile in Le Sueur County.

Figure 8: Lake Frances Clarity Data, Minnesota Lake Browser.

Summertime Clarity Percentiles by Region

Average summertime (June–September) clarity values calculated from 2018 through 2020 clarity are compared against the values for other lakes throughout the state, as well as county, ecoregion, and watershed (HUC4 and HUC8). Higher percentile values indicate that a lake has greater average clarity than other lakes in the region, e.g. a lake in the 95th percentile in its county has better average clarity than 95% of the lakes in the county. Note that lakes that are not ranked lacked enough measurements to calculate the summertime averages and some lakes may appear as being in the 100th percentile due to rounding.

Unit Level	Unit Name/ID	Percentile
Statewide		46
County	Le Sueur	86
Ecoregion	North Central Hardwood Forests	62
HUC4 Watershed	Upper Mississippi-Black-Root (0704)	81
HUC8 Watershed	Cannon River (07040002)	85

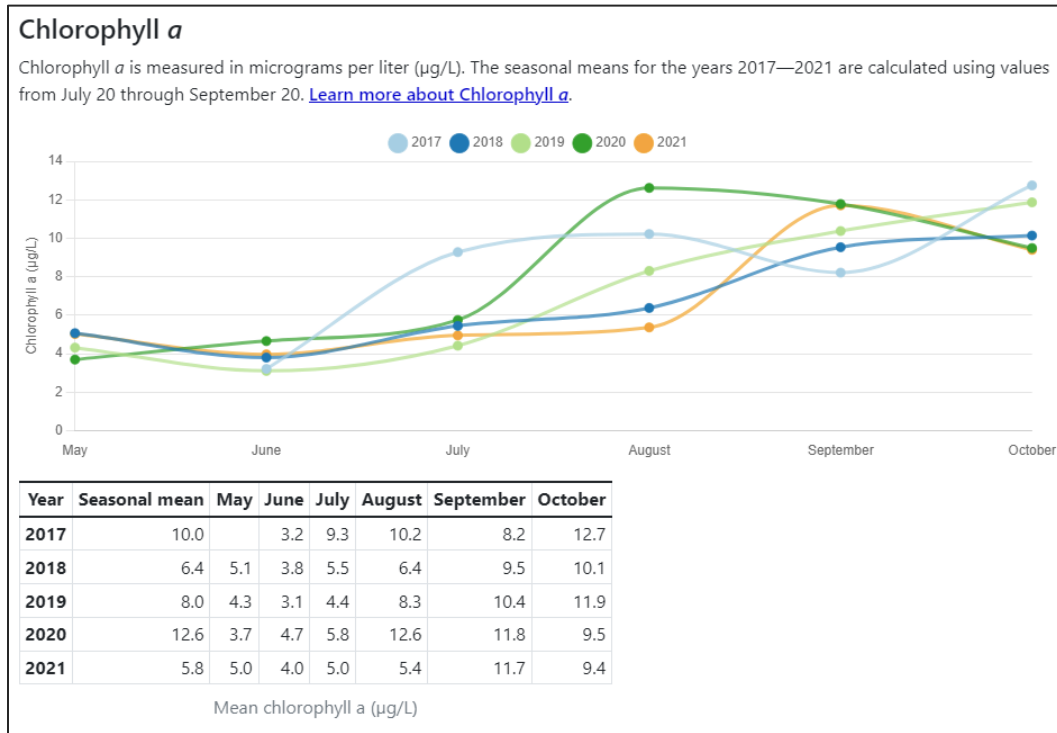
Lake Frances Priority Lake Status In The Cannon River CWMP

Review of Existing Data and Alignment with CRCWMP Priorities

ISG

This data also indicates that Lake Frances has Chlorophyll *a* within the NCHF ecoregion standard of less than 14 ug/l.

Figure 9: Lake Frances Chlorophyll *a* Data, Minnesota Lake Browser.



2: CONSERVATION HOTSPOT

The Zonation model map that was used to determine conservation hotspots is on page 6, above. Lake Frances is located within the conservation hotspot in the Upper Cannon River Watershed.

Lake Frances is also immediately upstream from Lake Tustin (Lake ID 40-0061), a priority natural environment lake in the CRCWMP. The justification for Tustin being identified as a priority lake for shoreland management in the CRCWMP is that it has 3.4 miles of shoreline, is listed as impaired for nutrients, has strong connectivity to surface water (river and/or ditch), strong presence of wetlands bordering the lake, area for recreation, WMA adjacent to lake, some development, most of lake is within city limits of Elysian. Lake Tustin has a wastewater treatment on the north side of the lake and the WMA on the south side of the lake. These parcels along with the development that has already occurred leave little opportunity for additional development pressure

Lake Frances has similar characteristics, has even more development pressure due because it's a highly valued resource. There are opportunities for remaining first tier lots to develop as well as second tier, and third tier developments to expand.

Figure 10: Screenshot from Le Sueur County Beacon Showing Parcels Around Lake Frances (left), Lake Tustin (lower right), and Rays Lake (upper right).



3: GROUNDWATER DEPENDENT LAKE

With a watershed area of 4,117 acres and a lake surface area of 927 acres, Lake Frances' watershed to lake area is 4.5:1 meaning that is likely a groundwater dominated lake. It also has a residence time of 19 years meaning that it may be more resistant to the effects of nutrient loading, once water quality has been impaired, it will be very difficult to improve and likely to take many, many years for improvement measures to demonstrate results.

Conclusion

Lake Frances is a high-water quality lake that is highly valued by residents and visitors alike. The lake has high fishing and recreational quality that leads to increased pressure on the resources. According to the Mn DNR's 2022 fish survey, Lake Frances "has good water quality and a diverse plant community. Residential development has disturbed and altered the majority of Lake Frances's shoreline. In areas with residential development, lawns are typically maintained to the water's edge and shorelines are altered with rock riprap or sand blankets, thereby disrupting the natural riparian buffer. Despite substantial residential development, *Lake Frances has very good water quality and a diverse, abundant aquatic vegetation community* (emphasis added). Emergent and floating leaf vegetation are relatively common, providing valuable fish habitat. A DNR owned ramp is located at the east end of the lake, and a county access is located at the west end of the lake."

Because of the high-water quality and fisheries of this lake, it creates important tax and sales revenue generation for the City of Elysian and Le Sueur County. Protecting this lake's water quality from degradation is crucial for ecological, economic, social, and downstream resources in the City of Elysian, Le Sueur County, and the Cannon River Watershed. A critical step in putting protection in action is to amend the CRCWMP to include Lake Frances as a priority lake.

October 29, 2024

To: Lake Frances Association

From: Lorri Kopischke, City Administrator

Re: Lake Frances Priority Lake Status in Cannon River Comprehensive Watershed Management Plan

I am writing to express the City's support for an amendment to the Cannon River Comprehensive Watershed Management Plan (CRCWMP) to include Lake Frances as a priority lake.

The City of Elysian's economic viability is based on recreational activities. Lake Frances is a valuable resource providing great fishing and water sports activities. The cleanliness and good fish habitat are essential to maintaining the attraction of tourism to this lake and therefore to this area, specifically the City of Elysian.

The economic impact of Lake Frances was evidenced this past summer when due to the high rain events a "No Wake Restriction" was imposed on area lakes including Lake Frances. The local businesses to include gas stations, bait and tackle shops, restaurants, and bars, all noticed a lack of business which is detrimental in the busy season of the year.

As stated in the City of Elysian Comprehensive Land Use Plan, "It is of the utmost importance to the citizens of Elysian that the quality of these resources be maintained and improved upon, while their use for recreation and enjoyment continues. Of particular concern is the quality of water in the area lakes and the health of fish and other wildlife populations that are dependent upon these resources."

The City will continue to promote the improvement of the water quality and implement procedures to preserve the quality of Lake Frances. One valuable tool to help accomplish these goals is to amend the CRCWMP to include Lake Frances as a priority lake.

We appreciate consideration of the requested amendment and are available for any assistance.



FISHING SPOKEN HERE

CANNON LAKES

Secchi Trends and Aquatic Recreation Use Support Status

Lake ID	Lake Name	County	Ecoregion	Lake Method	Lake area (acres)	Max depth (m)	Watershed area (acres)	% Littoral	Mean depth (m)	Aquatic Recreation Support Status (2025)	Secchi Trend	Lakes of Phosphorus Sensitivity Significance	Lake Cost:Benefit Assessment
190006	Byllesby	Dakota	WCBP	Site Specific	2255	15.2	733,166	68	3.2	Impaired (2002) confirmed 2024	None (1991-2022)	Impaired	High
190020	Chub	Dakota	NCHF	Shallow	301	2.9	1,487	100	1.0*	Impaired (2002) confirmed 2024	None (1980-2023)	Impaired	High
400001	Horseshoe	Le Sueur	NCHF	Shallow	400	7.9	3,032	81	3.1	Impaired (2010) IF 2024	None (1981-2023)	Impaired	High
400002	Upper Sakatah	Le Sueur	NCHF	Shallow	881	3.0	131,907	100	1.9	Impaired (2006) IF 2024	Degrading (1980-2022)	Impaired	High
400009	Sunfish	Le Sueur	NCHF	Shallow	116	9.1	471	60	3.4	Impaired (2010)	IF	Impaired	High
400010	Dora	Le Sueur	NCHF	Shallow	760	1.8	11,788	100	1.0*	Impaired (2010)	IF	Impaired	High
400011	Mabel	Le Sueur	NCHF	Shallow	103	2.4*	834	100	1.0*	Impaired (2010)	IF	--	--
400013	Diamond	Le Sueur	NCHF	Shallow	120	0.9*	2,164	100	0.5*	IF	IF	--	--
400014	Sabre	Le Sueur	NCHF	Shallow	253	4.0	56,166	100	1.0*	Impaired (2010)	IF	Impaired	High
400031	Tetonga	Le Sueur	NCHF	Shallow	1336	9.5	105,585	39	5.0	Impaired (2006) confirmed 2024	None (1973-2023)	Impaired	High
400032	Gorman	Le Sueur	NCHF	Shallow	590	4.3	44,099	100	2.1	Impaired (2010)	IF	Impaired	High
400033	Volney	Le Sueur	NCHF		268	20.4	2,017	46	6.6	Impaired (2002) confirmed 2024	Improving (1981-2023)	Impaired	Higher
400039	Roemhildts	Le Sueur	NCHF		88	18.3	171	61	8.5	IF	IF	Highest	High
400044	Steele	Le Sueur	NCHF	Shallow	75	8.2	823	77	2.6	No data in last 10 yrs	IF	Higher	High
400048	Silver	Le Sueur	NCHF		17	--	125	100	1.0*	Impaired (2014)	IF	--	High
400051	Fish	Le Sueur	NCHF		84	16.2	841	42	5.5	Full support	Degrading (1997-2022)	Highest	High
400054	Perch	Le Sueur	NCHF		31	--	266	100	1	No data in last 10 yrs	IF	--	--
400056	Rays	Le Sueur	NCHF	Shallow	153	9.7	424	90	2.3	Inconclusive	Improving (2005-2023)	Highest	High
400057	Frances	Le Sueur	NCHF		870	18.3	4,107	63	--	Impaired (2008) IF 2024	Improving (1976-2023)	Impaired	Higher
400059	Round	Le Sueur	NCHF		135	--	1,002	100	1.0*	No data in last 10 yrs	IF	--	--
400061	Tustin	Le Sueur	NCHF	Shallow	153	1.5	4,868	100	1.0*	Impaired (2010)	IF	Impaired	High
400063	German	Le Sueur	NCHF		975	15.4	19,355	58	4.1	Impaired (2008) confirmed 2024	None (1973-2022)	Impaired	High
40009201	E. Jefferson	Le Sueur	NCHF	Shallow	646	11.3	10,404	48	5.0	Impaired (2008) confirmed 2024	None (1974-2022)	Impaired	High
40009202	W. Jefferson	Le Sueur	NCHF	Shallow	439	7.3	1,028	77	2.7	Impaired (2008) confirmed 2024	None (1988-2023)	Impaired	High
40009203	Swede's Bay	Le Sueur	NCHF	Shallow	492	1.8	5,776	100	0.7	Impaired (2008) IF 2024	None (1989-2023)	--	--

40009204	M. Jefferson	Le Sueur	NCHF	Shallow	664	2.4	2,781	100	1.3	Impaired (2008) IF 2024	None (1979-2022)	Impaired	High
660007	Faribault	Rice	NCHF		57	--	212,733	--	--	No data in last 10 yrs	IF	--	--
660008	Cannon	Rice	NCHF	Shallow	1476	4.6	189,163	100	2.5	Impaired (2006)	Improving (1974-2012)	Impaired	High
660010	Wells	Rice	NCHF	Shallow	634	1.2	205,160	100	1.0*	Impaired (2010) IF 2024	None (1999-2021)	Impaired	High
660014	Dudley	Rice	NCHF		83	18.2	220	43	4.5	Full Support	Degrading (1974-2022)	Highest	High
660015	Kelly	Rice	NCHF		62	15.2	703	79	2.8	Full Support	None (1974-2022)	Higher	High
660018	Roberds	Rice	NCHF	Shallow	654	11.6	9,564	77	3.1	Impaired (2006) confirmed 2024	None (1974-2023)	Impaired	High
660027	Circle	Rice	NCHF	Shallow	976	4.3	21,414	100	1.6	Impaired (2006) confirmed 2024	None (1974-2023)	Impaired	High
660029	Fox	Rice	NCHF		330	14.0	8,752	48	5.9	Impaired (2010) confirmed 2024	Degrading (1974-2022)	Impaired	High
660032	Union	Rice	NCHF	Shallow	437	3.0	19,009	100	1.0*	Impaired (2006) confirmed 2024	None (1976-2023)	Impaired	High
660038	French	Rice	NCHF		842	15.4	4,300	43	5.0	Impaired (2010) IF 2024	None (1974-2018)	Impaired	High
660039	Mazaska	Rice	NCHF		687	15.2	2,980	49	5.1	Impaired (2006) confirmed 2024	None (1974-2023)	Impaired	High
660044	L. Sakatah	Rice	NCHF	Shallow	341	2.1	139,383	100	1.0*	Impaired (2010)	IF	Impaired	High
660045	Sprague	Rice	NCHF		161	--	533	--	--	No data in last 10 yrs	IF	High	High
660047	Hunt	Rice	NCHF	Shallow	190	8.2	645	84	3.0	Impaired (2010) confirmed 2024	None (1974-2023)	Impaired	High
660048	Rice	Rice	NCHF	Shallow	330	2.0	12,898	100	1.0*	Impaired (2010)	IF	Impaired	High
660050	Caron	Rice	NCHF	Shallow	406	1.2	8,484	100	1.0*	Impaired (2010)	IF	Impaired	High
660052	Cedar	Rice	NCHF	Shallow	927	12.8	4,722	73	2.8	Impaired (2010) confirmed 2024	None (1974-2023)	Impaired	High
660055	Shields	Rice	NCHF	Shallow	877	12.8	7,196	74	3.1	Impaired (2010) IF 2024	None (1974-2023)	Impaired	High
660057	Logue	Rice	NCHF	Shallow	100	11.6	895	100	--	No data in last 10 yrs	IF	--	--
740023	Beaver	Steele	WCBP	Shallow	90	8.2	295	45	4.4	Full Support	Improving (1986-2022)	Highest	Higher
810013	Watkins	Waseca	WCBP	Shallow	148	8.2	20,101	--	--	No data in last 10 yrs	Wetland	--	--
810014	Clear	Waseca	WCBP	Shallow	648	7.6	3,051	75	3.0	Impaired (2004) confirmed 2024		Impaired	High
810015	Loon	Waseca	WCBP	Shallow	119	2.4	272	100	1.5	Impaired	None (1973-2022)	Impaired	High
810016	Goose	Waseca	WCBP	Shallow	370	7.3	6,914	100	--	Impaired	IF	High	High
810022	Rice	Waseca	WCBP	Shallow	412	2.7	12,186	--	--	No data in last 10 yrs	IF	High	High
810058	Toner's	Waseca	WCBP		127	--	298	100	1.0*	Impaired (2014)	IF	Impaired	High

IF – Insufficient Information available for assessment

*These depths were created by MPCA Staff

Lakes marked in red have a data gap. Lakes with no data collected in the last 10 years: Rice (Waseca Cnty), Watkins, Logue, Sprague, Faribault, Round, Perch, Steele, Sunfish, Dora, Mabel, Gorman, Silver, Tustin, Cannon, Lower Sakatah, Rice (Rice County), Caron, Toner’s. Lakes with some data collected in the last 10 years: Upper Sakatah, Diamond, Roemhildts, Middle Jefferson. Lakes with only Secchi measurements over the last 10 years: Horseshoe, Frances, Swede’s Bay, Wells, French.

Lake cost : benefit assessment (LCBA)

“This dataset was formulated to rank lakes as they relate to the state’s priority of focusing on “high-quality, high- value lakes that likely provide the greatest return on investment.” For each lake, a benefit:cost assessment priority score was calculated. This score is a function of phosphorus sensitivity (see Lakes of Phosphorus Sensitivity Significance (LPSS) dataset), lake size, and catchment disturbance. Lakes were then grouped based on this score and assigned a priority rating. Many Minnesota lakes have not been sampled for lake phosphorus, and this list will be periodically revised as additional data become available.” Minnesota DNR <https://gisdata.mn.gov/dataset/env-lake-benefit-cost-assessment> For detailed description of criteria and analysis used see: https://resources.gisdata.mn.gov/pub/gdrs/data/pub/us_mn_state_dnr/env_lake_benefit_cost_assessment/metadata/Lake%20Benefit%20Cost%20Assessment%202024.pdf

Lakes of Phosphorus Sensitivity Significance (LPSS)

Phosphorus sensitivity was estimated for each lake by predicting how much water clarity would be reduced with additional phosphorus loading to the lake. A phosphorus sensitivity significance index was formulated to prioritize lakes as they relate to Minnesota Pollution Control Agency’s (MPCA) policy objective of focusing on “high quality, unimpaired lakes at greatest risk of becoming impaired.” The phosphorus sensitivity significance index, which is a function of phosphorus sensitivity, lake size, lake total phosphorus concentration, proximity to MPCA’s phosphorus impairment thresholds, and watershed disturbance, was used to determine the lake’s Priority Class. The goal of this list was to objectively prioritize lakes based on their sensitivity to phosphorus pollution. Lakes identified as nutrient-impaired or proposed for nutrient impairment listing are also included. Many Minnesota lakes have not been sampled for lake phosphorus, and this list will be periodically revised as additional data become available. For detailed description of criteria and analysis used; see: https://resources.gisdata.mn.gov/pub/gdrs/data/pub/us_mn_state_dnr/env_lakes_phosphorus_sensitivity/metadata/Lakes%20of%20Phosphorus%20Sensitivity%20Significance%202024.pdf

Data and assessments

Lake eutrophication data requirements

Typically a minimum of 8 individual data points for TP, chlorophyll-a (corrected for pheophytin) and Secchi are required over a minimum of 2 years during June-September

- Data used for phosphorus and chl-a calculations are limited to those collected on the same day from the upper most 3 m of the water column.
- All June-Sept data for the 10 yr assessment window are averaged to determine summer mean values for TP, corrected chl-a, and Secchi depth. These values are then compared to the standards and the impairment assessment is made

Not Impaired:

- All parameters must be in attainment with standards

Fully Supporting:

- All parameters must be 20% above or better than the standards

Impaired:

- TP and at least one of the response variables exceed the standards

Period of record	Beneficial use-support or impairment	
	Removed from IWL	Remains listed on IWL
Most recent 10 years, June-Sept	<ol style="list-style-type: none">1. Total phosphorus meets the standard AND chl-a or Secchi meet the standard2. Total phosphorus exceeds the standard, but chl-a AND Secchi meet the standard AND total phosphorus shows improving trend AND local entity has management activities to ensure this continues	Two parameters do not meet the standard

Lake Frances history

- Various types of monitoring 1951, 1969, 1980, 1986, 1996, 1998, 2004-2007, 2024
- Listed on 303(d) List of Impaired Waters for excess nutrients 2008
 - Dataset used for assessment would have been 1997-2007
- Minnesota’s watershed approach adopted when Clean Water Fund began 2009
 - <https://www.pca.state.mn.us/air-water-land-climate/watershed-approach-to-water-quality>
- First 10 year cycle of the watershed approach, lakes monitored were selected to represent the range of conditions and lake type (size & depth) found within the watershed, additionally those lakes most heavily used for recreation.
Lake Frances was not monitored in MPCA’s first cycle because it had just been listed as impaired, with no data showing improvement, therefore other lakes without condition monitoring or impairments were prioritized to be monitored.
- 2016 Total Maximum Daily Load report determined necessary total phosphorous (TP) load reductions for Lake Frances and several over lakes in the Cannon River Watershed. Lake Frances specifically, is estimated to need a 78.5% total phosphorous load reduction – table copied below.
<https://www.pca.state.mn.us/sites/default/files/wq-iw9-19e.pdf>

Table 54. UPPER CANNON RIVER HUC-10: Frances Lake – 40-0057-00

Frances Lake 40-0057-00 TMDL Summary		Existing TP Load		Allowable TP Load		Estimated Load Reduction	
		kg/yr	kg/day	kg/yr	kg/day	kg/yr	%
Phosphorus Loading Capacity (TMDL)		2280.82	6.24	490.61	1.34	1790.21	78.49
Wasteload Allocation (WLA) Components	Permitted Municipal and Industrial Wastewater Facilities*	NA	NA	NA	NA	NA	NA
	Permitted Industrial Stormwater Facilities**	NA	NA	NA	NA	NA	NA
	Construction and Industrial Stormwater	0.98	0.00	0.98	0.00	0.00	0.00
	MS4***	NA	NA	NA	NA	NA	NA
	Total WLA	0.98	0.00	0.98	0.00	NA	NA
Total LA		2279.84	6.24	489.63	1.34	1790.21	78.52
10% Margin of Safety^		NA	NA	NA	NA	NA	NA

* No permitted wastewater facilities within lake drainage area

** No permitted individual stormwater facilities in the CRW

*** No current MS4 communities within reach drainage area

^ 10% MOS was taken off of WQ target concentration and is implicit in the TMDL loading capacity

- 2016 Watershed Restoration and Protection Strategy report provides restoration strategies and actions for Lake Frances and others in the Upper Cannon River Watershed. See Table 17 of the report for details <https://www.pca.state.mn.us/sites/default/files/wq-ws4-23a.pdf>
- Second 10 year cycle of the watershed approach involves a focus on local priorities. Lakes selected by local government units in the planning process were prioritized to be monitored, along with those highlighted in the Comprehensive Watershed Management Plan.



Cannon River Watershed Joint Powers Organization

Mission: Work collaboratively to improve and protect the natural resources within the Cannon River Watershed to ensure prosperity of our urban and agricultural communities.

Memorandum

To: Cannon River Watershed Joint Powers Board (CRWJPB)
From: Ashley Gallagher, Technical Assistance and Cost-Share Lead
Date: For May 7th, 2025 CRWJPB Meeting
Re: Review of Watershed Plan Priorities and Planning Process

Background:

Partners came together in 2016 to apply for Board of Water and Soil Resources (BWSR) planning grant through One Watershed, One Plan (1W1P). Planning officially kicked off in spring of 2017 and a consultant was selected to facilitate the process and write the plan. It was a rigorous process that followed 1W1P requirements. The Plan was approved by BWSR on June 24, 2020 and adopted by the CRWJPB on July 1, 2020. The ten-year Plan requires a mid-point progress review, the Plan also establishes criteria for an amendment and the process for making amendments.

Planning Process:

Many people were involved in plan development. Formal groups included a Planning Work Group comprised of local staff, Advisory Work Group with members of local organizations (i.e. lake associations, sportsman groups, farmers cooperatives) and local governments, a Technical Advisory Group which included State agencies and other local technical experts, and the Policy Committee comprised of representatives from governing bodies (which is now the Board formed through a JPA).

There was an extensive engagement plan, which included six Watershed Conversations throughout the watershed. The groups listed above and the general public were all invited to these meetings, and attendance averaged 40-50 people per meeting. This gave everyone a chance to weigh in on issues, priorities, and goals.

Priority Selection:

The planning partners selected multiple tools for prioritization. This resulted in layering the tool outputs to identify the final priorities.

- Zonation had previously been developed for the watershed and was updated to identify initial 'hot spots' based upon values held within the watershed.
- It was a requirement to use the State Nonpoint Priority Funding Plan which identified waterbodies that either nearly or barely meet standards, plus public use and health.
- Multiple pollutant loading models were used. Hydrological Simulation Program-Fortran (HSPF) was developed before the planning process during the Watershed Restoration and Protection Strategies (WRAPS) process and was utilized to set sub watershed scale priorities. During the planning process, Prioritize Target and Measure Application (PTMApp) was developed to establish field scale and catchment priorities.

Final Priorities:

Surface Water Priority Areas

1. **Straight River Tributaries** which encompasses the Straight River drainage area at Owatonna.
2. **Lakes Area** which encompasses the Cannon River drainage area at Faribault, five high quality lakes that are fully supporting of aquatic recreation (Roemhildts, Dudley (and Kelly), Fish, and Beaver), and three impaired lakes with summer eutrophication (algae bloom) problems that are closer to achieving the lake aquatic recreation water quality standards (Cedar, Fox, and Hunt) than other impaired lakes. Additionally, the Waseca area lakes are included in this Priority Area because there are lakes of biological significance in the drainage area that provide recreational value and are sensitive to stormwater impacts.
3. **Cannon/Mississippi Bottoms** which matches the boundary established for the Lower Cannon River Lobe and encompasses a majority of the karst area located in the Planning Area and the remaining Tier One trout streams (Belle Creek, Little Cannon River, Spring Creek, and Trout Brook).
4. **Large Communities** which represents four of the MS4 communities concerned with issues related to flooding and drinking water quality including Faribault, Northfield, Owatonna, and Waseca. An additional call-out box was provided for Waseca since there are a number of lakes related (surface water) issues identified for this community.

Groundwater Priority Areas

5. **Pollution Sensitivity Area** represents that portion of the Planning Area that has high susceptibility to groundwater, and hence drinking water, contamination.
6. **Groundwater Dominated Lakes** which represents that portion of the Planning Area where groundwater dependent lakes are susceptible to land use changes that impact the quantity and quality of groundwater feeding these resources.

Measurable Goals:

After issues, concerns, and priorities were established, measurable goals were set to convey expected changes during the 10-year timeframe of the Plan. This established the Protection Lakes, Impaired Lakes, and Pollutant Impaired Streams as Tier One priorities and numerical goals were set for each waterbody.

- **Protection Lakes:** Beaver, Dudley/Kelly, Fish, and Roemhildts
- **Impaired Lakes:** Cedar, Fox, and Hunt
- **Pollutant Impaired Streams:** Lower Vermillion, Belle Creek, Little Cannon River, Trout Brook, Prairie Creek, Rush Creek, and Medford Creek

In addition to the surface water and groundwater area goals listed here, there are 38 total goals in the Plan; 12 are Resource Concern Goals, 17 are Landscape Concern Goals, and 9 are Socioeconomic Concern Goals.

**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

Agenda Item 11: Promotional Material

Request for Action

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler, administrator

PURPOSE/ACTION REQUESTED: Board approval to order promotional material for events in the watershed.

SUMMARY:

Staff are recommending purchasing promotional material for events in the watershed. Staff have voted and priced out different options and the results are:

Mini Notebooks	500 count	Cost Estimate: \$963
Rain Gauge	250 count	Cost Estimate: \$635
Post it notes	500 count	Cost Estimate: \$311

Total cost for materials: \$1909.00 or around \$2,000

All of the material would have the CRWJPO logo and distributed equally across the watershed for each member to use. The current 2025 budget has \$1,000 set aside for promotional material from dues. There is slippage currently in the budget for dues to allow for the cost of \$1,909.00. The reason for using dues and not the WBIF grant is then the Clean Water Land and Legacy logo would also have to be used.

A motion is needed to approve the purchase of the approve listed promotional materials for \$1,909.00 from the CRWJPB dues.

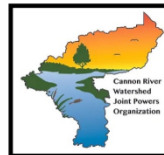
Supporting Documents:

Material pictures.

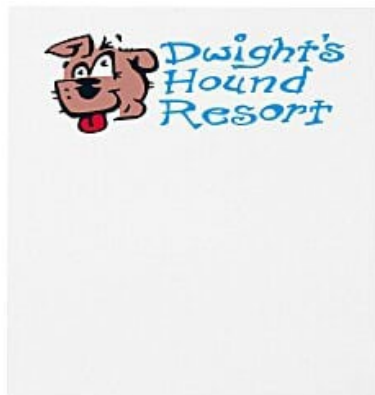
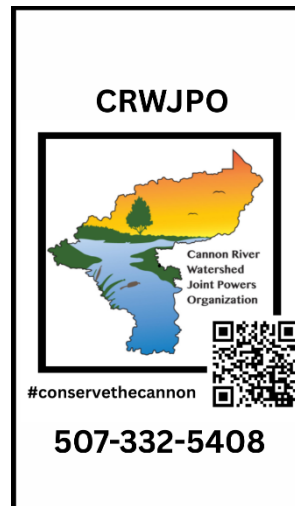
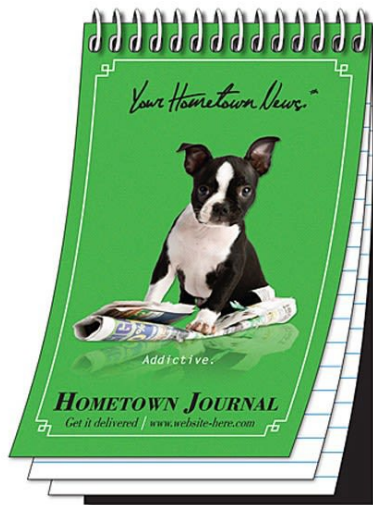
Promotional Items for CRWJPO

Mini Notebooks	500 count	Cost Estimate: \$963
Rain Gauge	250 count	Cost Estimate: \$635
Post it notes	500 count	Cost Estimate \$311

Total cost for materials: \$1909.00 or around \$2,000



#conservethecannon



**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

Agenda Item 12: 2026 Dues Discussion

Information Item

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler, administrator

PURPOSE/ACTION REQUESTED: The discussion of dues for 2026 for the CRWJPO.

SUMMARY: The CRWJPB dues proposed by staff for 2026 are the following:

Tier 1 Memberships: \$3,750

Tier 2 Memberships: \$2,625

Tier 3 Memberships: \$1,500

Tier 4 Memberships: \$375

Total from membership dues: \$36,750.

The plan revision fund balance is projected to be \$65,602.00 by the end of 2025 and the operating fund balance is projected to be \$88,519.00 by the end of 2025. Per the fund balance policy, the plan revision fund should strive for 15% of drafting a plan and 50-75% of operating costs for one year. This projection will be close or meet those goals.

Currently, dues are utilized for the following: fund balances, the AIM role, legal services, audits, insurance through MCIT, promotional material not covered by BWSR, and for match on other studies. The costs for all of these in 2025 is projected to be \$37,750.00. There are further dues being used for the MPCA algal bloom sampling for staff time after June 30th but the cost for staff time is unknown until sampling begins.

Looking into the future, there is a base of \$15,133 allocated for roles and other services the CRWJPO needs. There should be an account of a 5% increase on these services each year. After five years, that would put the amount at \$19,314. Staff are predicting there may be some more costs for the Upper Cannon Flood Study that may need help covering from match contributions. Looking ahead to the plan revision for ten years, there are a large number of lakes that are missing data to be considered for priority lakes if the same criteria will be used. Staff proposes looking at obtaining data for these lakes. Dues would have to be utilized for this, along with looking at local match from these lakes. The cost of this is unknown until staff have time to assess the amount of lakes that are missing data and what data is missing.

Dues can also be used as match for BWSR funds, unless the match from a member is being taken from one of their State Funds.

Dues will be voted on at the August 2025 CRWJPB meeting.

Supporting Documents:

None.

**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

**Agenda Item 13: NRCS Watershed Protection and Flood Prevention Operations (WFPO) Program
Application**

Request for Action

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler, Administrator

PURPOSE/ACTION REQUESTED: Review and approval for the CRWJPO to submit an application for the NRCS Watershed Protection and Flood Prevention Operations (WFPO) Program.

SUMMARY:

Le Sueur SWCD, Le Sueur County and NRCS state employees have discussed the usage of the WFPO program for a Preliminary Investigation and Feasibility Report (PIFR) for the Upper Cannon Watershed. This may be able to be expediated due to the current Upper Cannon Flood Study. NRCS does have funds to complete the study, the CRWJPB just needs to request it. The PIFR would allow access to further funding for several types of programs in the Upper Cannon Watershed, from cost share work to easements.

Since the Upper Cannon Watershed spans multiple counties, it makes the most sense for the CRWJPO to apply for this opportunity.

A motion is needed for the CRWJPO to apply for the NRCS Watershed Protection and Flood Prevention Operations Program.

Supporting Documents:

None.

**CANNON RIVER WATERSHED
JOINT POWERS BOARD**

Agenda Item 14: Native Plants Workshop presentation

Information Item

Meeting Date: 5/7/2025

Prepared by: Emmie Scheffler, Administrator

PURPOSE/ACTION REQUESTED: Presentation on the Native Plants workshop that was held on March 8th by the CRWJPO and U of MN Extension.

SUMMARY:

Staff from Le Sueur County, Le Sueur SWCD, Dakota SWCD, and Rice SWCD will recap the Native plant workshop that was held on March 8th at the Rice County Fairgrounds. The workshop was held with the assistance of the U of MN extension agent for Rice and Steele County.

Supporting Documents:

None.

WBIF Workplan 2023 and 2024					
				Allocated	Spent
ID		Implementation Activity	Priority Area(s)	\$	\$
Plan Development	3.1.1-C-1	Technical Assistance for One large stream restoration project.	tier 1 impaired streams	\$40,000	\$3,306.74
	3.1.2-A-1	Utilize PTMapp or other tools to identify sites in the priority drainage areas for wetland restoration, then implement projects to meet the wetland restoration goals.	Upper Cannon HUC10, Chub Creek HUC10	\$15,000	
				\$55,000.00	\$3,306.74
Cost-Share Projects	3.1.1-A-3	Implement structural practices to treat 5%, or 36 acres, of cropland	protection lakes	\$2,000	
	3.1.1-B-3	Implement structural practices to treat 30%, or 1,909 acres, of cropland	impaired lakes	\$40,000	\$20,169.38
	3.1.1-C-7	Implement structures practices to treat 5%, or 7,192 acres, of cropland in the Tier 1 impaired stream drainage areas.	pollutant impaired streams	\$530,258	\$103,757.88
	3.2.1-B-2	Implement practices that increase organic matter(such as cover crops and tillage management) on 15% of corn/soybean acres.	tier 1 lakes and streams	\$40,000	\$40,125.46
	3.2.1-B-3	Implement practices that increase organic matter(such as cover crops and tillage management) on 80% of short season crop acres.	tier 1 lakes and streams	\$2,000	
	3.2.1-A-1	Convert 10% of vulnerable cropland (NRCS land capacity clas IV) to perennial cropland or perennial vegetation .	tier 1 lakes and streams	\$80,000	
	3.1.1-C-3	Proactively ensure compliance with Soil loss ordinance using BMPs, conservation plans, conservation programs, easements, etc to work towards achieving the tolerable soil loss goals.	tier 1 impaired streams	\$12,000	
				\$706,258.00	\$164,052.72
Feedlot	3.1.1-C-5	Implement 5 feedlot runoff control projects in shoreland areas	tier 1 streams	\$50,000	\$0
				\$50,000	\$0
Grazing	3.1.1-C-6	Write and implement rotational grazing and livestock exclusion plans on 35 sites within 1,000 feet of a Tier One impaired stream, or a direct tributary to a Tier One impaired stream.	tier 1 streams	\$50,000	\$1,178.96
				\$50,000	\$1,178.96
Education Outreach	3.2.1-B-4	Develop a soil health team	Cannon River Planning Area	\$30,000	\$16,792.40
		Education and Outreach plan implementation		\$20,400	\$9,453.52
	3.3.1-A-3	Host biannual (every other) field day or tour for locally elected and appointed decision-makers, of their appointed citizen advisory committee.	Cannon Watershed Planning Area Wide	\$1,000	\$1,673.80
	3.3.1-B-3	Educate homeowners and the lake associations through news releases, workshops, presentations to organizations and one-on-one communication on: (1) shoreland property and the need to restore shoreline to a more natural state; (2) septic improvements and maintenance; (3) benefits of conservation and working lands easements; (4) BMP installation and implementation	Cannon River Planning Area	\$40,000	\$20,582.12
	3.1.3-A-4	Host 2 well testing or screening clinics per year for private well owners. Provide nitrate test results and/or water testing kits, and information on best practices for well maintenance and water quality.	Private well owners in areas of moderate or high pollution sensitivity.	\$3,000	\$4,030.28
				\$94,400	\$52,532.12
Groundwater	3.1.3-A-3	In areas within an existing DWSMA, but outside of the city jurisdiction, assist with well location and inventory, and sealing of unused wells that pose a risk to the public water supply wells.	Communities with moderate or high vulnerabilities	\$12,000	\$12,000
	3.1.3-A-8	Create a planning area well sealing program and prioritization process, implemented by each county, for residents who wish to voluntarily seal wells using a priority process. Start by conducting an unused well inventory by mailing a homeowner survey asking people if they have an unused well on their property that they would like assistance sealing.	Groundwater Pollution Sensitivity Area	\$53,000	\$21,985
				\$65,000	\$33,985
Shorelines	3.2.2-B-3	Protect or restore native riparian vegetation by implementing a native vegetation buffer on 2 private lakeshore properties per year in the Lakes Area.	Lakes Area	\$10,000	\$3,000
				\$10,000	\$3,000

BWSR Elink Budget Items for Work Plan					<div> <div>Awarded:</div> <div>\$ 1,328,658.00</div> <div>\$459,468.44 WBIF SPENT</div> <div>\$62,447.65 WBIF MATCH SPENT</div> </div>
		Spent	Allocated	Percent	
Plan Development	Plan Dev./Assessment	\$3,306.74	\$55,000.00	6%	
Cost-Share Projects	Ag Practices	\$164,052.72	\$706,258.00	23%	
Feedlot	Livestock Waste Management	\$0.00	\$50,000.00	0%	
Grazing	Non-structural management	\$1,178.96	\$50,000.00	2%	
Education Outreach	Education/Outreach	\$52,532.12	\$94,400.00	56%	
Groundwater	Groundwater	\$33,985.00	\$55,000.00	62%	
Shorelines	Streambank or Shoreland Protection	\$3,000.00	\$20,000.00	15%	
C/S Technical Assistance	Tech/Engineering Ass.	\$149,412.90	\$246,000.00	61%	
Grant Administration	Adm/coordination	\$52,000.00	\$52,000.00	100%	
Local Match	cash/landowner/in-kind	\$35,731.67	\$125,500.00	28%	
Federal Match	cash/landowner/in-kind	\$26,715.98	\$20,000.00	134%	

WBIF Workplan FY25								
		ID	Implementation Activity	Priority Area(s)			Allocated	Spent
							\$	\$
Plan Development		3.1.1-C-1	Technical Assistance for One large stream restoration project.	tier 1 impaired streams			\$40,000	
							\$40,000.00	\$0.00
Cost-Share Projects	3.1.1-A-3	Implement structural practices to treat 3 acres of cropland		protection lakes			\$2,000	
	3.1.1-B-3	Implement structural practices to treat 66.8 of cropland		impaired lakes			\$40,000	
	3.1.1-C-7	Implement structures practices to treat 791 of cropland in the Tier 1 impaired stream drainage areas.		pollutant impaired streams			\$517,090	
	3.2.1-B-2	Implement practices that increase organic matter(such as cover crops and tillage management) on 1.5% of corn/soybean acres.		tier 1 lakes and streams			\$50,000	
	3.2.1-B-3	Implement practices that increase organic matter(such as cover crops and tillage management) on 6.8% of short season crop acres.		tier 1 lakes and streams			\$2,000	
							\$611,090.00	\$0.00
Livestock Waste Management								
	3.1.1-C-5	Implement 2 feedlot runoff control projects in shoreland areas		tier 1 streams			\$100,000	
							\$100,000	\$0
Non-Structural Management Practices	3.1.1-A-2	Implementation of in-lake and near-shore management strategies.		tier 1 protection lakes			\$60,000	
	3.1.1-B-2	Implementation of in-lake and near-shore management strategies.		tier 1 impaired lake			\$120,000	
	3.1.1-C-6	Write and implement rotational grazing and livestock exclusion plans on 8 sites within 1,000 feet of a Tier One impaired stream, or a direct tributary to a Tier One impaired stream.		tier 1 streams			\$40,000	
							\$220,000	\$0
Education Outreach	3.2.1-B-4	Develop a soil health team		Cannon River Planning Area			\$20,000	
		Education and Outreach plan implementation					\$20,400	
	3.3.1-A-3	Host biannual (every other) field day or tour for locally elected and appointed decision-makers, of their appointed citizen advisory committee.		Cannon Watershed Planning Area Wide			\$2,500	
	3.3.1-B-4	Host periodic educational workshops for design and construction professionals including (1) licensed Septic Professionals; (2) drainage contractors; (3) design engineers; and (4) landscaping professionals.		Cannon River Planning Area			\$8,000	
	3.3.1-B-3	Educate homeowners and the lake associations through news releases, workshops, presentations to organizations and one-on-one communication on: (1) shoreland property and the need to restore shoreline to a more natural state; (2) septic improvements and maintenance; (3) benefits of conservation and working lands easements; (4) BMP installation and implementation		Cannon River Planning Area			\$50,000	
	3.1.3-A-4	Host 2 well testing or screening clinics per year for private well owners. Provide nitrate test results and/or water testing kits, and information on best practices for well maintenance and water quality.		Private well owners in areas of moderate or high pollution sensitivity.			\$18,000	
							\$118,900	\$0.00
Groundwater	3.1.3-A-3	In areas within an existing DWSMA, but outside of the city jurisdiction, assist with well location and inventory, and sealing of unused wells that pose a risk to the public water supply wells.		Communities with moderate or high vulnerabilities			\$20,000	
	3.1.3-A-8	Create a planning area well sealing program and prioritization process, implemented by each county, for residents who wish to voluntarily seal wells using a priority process. Start by conducting an unused well inventory by mailing a homeowner survey asking people if they have an unused well on their property that they would like assistance sealing.		Groundwater Pollution Sensitivity Area			\$35,000	
							\$55,000	\$0
Wetlands	3.1.2-A-1	Utilize PTMapp or other tools to identify sites in the priority drainage areas for wetland restoration, then implement projects to meet the wetland restoration goals.		Upper Cannon HUC10, Chub Creek HUC10			\$70,000	
							\$70,000	\$0
Shorelines	3.2.2-B-3	Protect or restore native riparian vegetation by implementing a native vegetation buffer on 20 private lakeshore properties per year in the Lakes Area.		Lakes Area			\$20,000	
							\$20,000	\$0

TOTAL BASED ON IMPLEMENTATION PLAN

BWSR Elink Budget Items for Work Plan					Awarded: \$1,536,990.00 \$9,447.04 WBIF SPENT \$0.00 WBIF MATCH SPENT
		Spent	Allocated	Percent	
Plan Development	Plan Dev./Assessment		\$40,000.00	0%	
Cost-Share Projects	Ag Practices		\$611,090.00	0%	
Feedlot	Livestock Waste Management		\$100,000.00	0%	
Non-structural management	Non-structural management		\$220,000.00	0%	
Education Outreach	Education/Outreach		\$118,900.00	0%	
Groundwater	Groundwater		\$55,000.00	0%	
Wetlands	Wetland Restoration/Creation		\$70,000.00	0%	
Shorelines	Streambank or Shoreland Protection		\$20,000.00	0%	
C/S Technical Assistance	Tech/Engineering Ass.		\$250,000.00	0%	
Grant Administration	Adm/coordination	\$9,447.04	\$52,000.00	18%	
Local Match	cash/landowner/in-kind		\$120,000.00	0%	
Federal Match	cash/landowner/in-kind		\$33,699.00	0%	
			\$	9,447.04	