

# Black Dog Watershed Management Commission

## AGENDA

Wednesday, May 20, 2026

5:00pm

### COMMISSIONERS:

Curt Enestvedt, Chair  
Mike Hughes, Vice Chair  
Scott Thureen, Secretary/Treasurer  
Rollie Greeno  
Paul Below  
Greg Helms, Alternate  
Ben Maas, Alternate

- I. Approval of Agenda
- II. Approval of Minutes – April 15, 2026
- III. Approval of Accounts Payable
- IV. Review Budget Performance Reports
- V. Management Level Monitoring Presentation on Crystal Lake
- VI. Approval of Liability Coverage Waiver Form
- VII. Approval of 2027 Work Plan and Budget
- VIII. Miscellaneous
- IX. Adjournment

The City of Burnsville and Black Dog Watershed Management Organization do not discriminate on the basis of race, color, national origin, sex, religion, age, or disability in the admission or access to, or treatment or employment in, its programs, activities, or services.

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# Black Dog Watershed Management Commission

## Agenda Background May 20, 2026

I. Approval of Agenda

Agenda enclosed.

**Action Requested:** A motion be considered to approve the Agenda.

II. Approval of Minutes from the April 15, 2026, Meeting

Minutes enclosed.

**Action Requested:** A motion be considered to approve the Minutes from the April 15, 2026, meeting.

III. Approval of Accounts Payable

Accounts payable list enclosed.

**Action Requested:** A motion be considered to approve the accounts payable list as submitted by staff.

IV. Review of Budget Performance Reports

Current Budget Performance Reports enclosed.

**Action Requested:** No formal action required.

V. Management Level Monitoring Presentation on Crystal Lake

In 2025 Barr Engineering performed increased monitoring on Crystal Lake. Staff from Barr will review the monitoring performed and the results of the monitoring at the meeting. Enclosed in your packet is a copy of the report.

**Action requested:** Consider a motion accepting the report with any edits suggested at the meeting.

VI. Approval of the Liability Coverage Waiver Form

Each year in conjunction with completing the Black Dog WMO's insurance application the Commission is required to complete a Liability Coverage Waiver Form. This form states whether or not the WMO wishes to waive the statutory tort liability limits. Historically, the Black Dog WMO has chosen not to waive the monetary limits on tort liability established by MN statutes.

**Action Requested:** Consider a motion to approve liability coverage waiver form not waiving the monetary limits on municipal tort liability established by MN Statutes 466.04

VII. Approval of the Draft 2027 Work Plan and Budget

Enclosed is a "Draft" Work Plan and Budget for 2027. Per the Black Dog WMO Joint Powers Agreement, the Commission is to send out a proposed budget for 2027 by July 1, 2026.

Staff will provide an overview of the work plan and budget at the meeting and answer any questions Commissioners might have.

**Action Requested:** Commissioners consider a motion approving the 2027 work plan and budget for distribution to member cities.

VIII. Miscellaneous

IX. Adjournment

**DRAFT**  
**Meeting Minutes**  
**April 15, 2026**

**MEMBERS PRESENT**

Curt Enestvedt, Chair  
Mike Hughes, Vice Chair  
Scott Thureen, Secretary/Treasurer  
Rollie Greeno  
Paul Below  
Ben Maas, Alternate (*arrived 5:03pm*)

**MEMBERS ABSENT**

Greg Helms, Alternate

**OTHERS PRESENT**

Greg Williams – Barr Engineering  
Brian Hartman – City of Apple Valley  
Anne Messerschmidt – City of Lakeville  
Daryl Jacobson – BDWMO Administrator  
Tammi Carte – BDWMO Secretary

Curt Enestvedt, Chair, called the April 15, 2026, meeting to order at 5:00pm.

I. Approval of Agenda

**Motion by** Hughes, second by Thureen, to approve the April 15, 2026, Agenda as presented.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below  
Nays – None

**Motion Carried Unanimously**

II. Approval of Minutes from the March 25, 2026, Meeting

**Motion by** Thureen, second by Hughes, to approve the March 25, 2026, Minutes as presented.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below  
Nays – None

**Motion Carried Unanimously**

III. Approval of Accounts Payable

**Motion by** Greeno, second by Thureen, to approve accounts payable to Barr Engineering in the amount of \$6,875.90 for services from March 7, 2026, through March 27, 2026.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below  
Nays – None

**Motion Carried Unanimously**

IV. Review Budget Performance Reports

Daryl Jacobson, BDWMO Administrator, shared we will review the draft budget at the May 2026 meeting.

**No Formal Action Required**

V. Approval of 2025 Annual Financial Statement

All 2025 revenues and expenses have been recorded and included in the 2025 yearend financial statement.

The Commission's funds are earning more interest than in the past. This may allow for a temporary reduction in member contributions. Fees would eventually increase back to the normal calculated contributions. The Commission does not currently have plans for future large expenses.

**Motion by** Hughes, second by Greeno, to approve the 2025 Annual Financial Statement.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

**Motion Carried Unanimously**

VI. Review Draft of the 2025 Annual Report to the Board of Water and Soil Resources

A copy of the draft annual report was provided to the Commission for review prior to tonight's meeting. The WMO is required to generate and submit the report to the Board of Soil and Water Resources.

Greg Williams, Barr Engineering, reviewed the activity content included in the report. Other insertions will be made prior to submitting to Minnesota Board of Water and Soil Resources (BWSR). The report will include tabular results of Metropolitan Council Community Assisted Monitoring Program (CAMP). Also noted is Barr Engineering monitors Crystal Lake.

**Motion by** Thureen, second by Greeno, to approve the 2025 Annual Report for submission to the Board of Water and Soil Resources as presented.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

**Motion Carried Unanimously**

VII. Miscellaneous

1. Lakeville – Watershed cleanup will take place this Saturday, April 18, 11am-1pm.

Kingsley Lake needs invasive plant treatment for Yellow Iris. Lakeville is requesting the Black Dog Commission consider assisting with the cost of this treatment. This treatment will contribute to shoreline restoration. The WMO can consider assistance with the cost of allowable expenses.

2. Apple Valley – Is having a goldfish fishing competition on Keller Lake and asks if the BDWMO would consider contributing to giveaway prizes. The request amount is \$50.00.

**Motion by** Hughes, second by Thureen, to approve funding up to \$50.00 for the Apple Valley Goldfish Fishing Competition.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

**Motion Carried Unanimously**

3. The next Black Dog WMO meeting is scheduled for May 20, 2026.

VIII. Adjournment

**Motion by** Thureen, second by Hughes, to adjourn at 5:28pm.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

**Motion Carried Unanimously**



**Accounts Payable - May 20, 2026 Meeting**

**Barr Engineering - Services from March 28, 2026 through May 1, 2026**

Engineering	\$	1,260.00
Special Projects: General Fund - 2025 Water Quality Monitoring: Crystal Lake	\$	450.00
Special Projects: General Fund - 2026 Water Quality Monitoring: LacLavon	\$	1,647.38
Public Education: Annual Activity Report (BWSR)	\$	4,017.00
		<hr/>
	\$	<b>7,374.38</b>

**Campbell Knutson**

General Services - March 2026	\$	87.50
		<hr/>
	\$	<b>87.50</b>

**Dakota County Soil & Water Conservation District - Services for Jan - Mar 2026**

Education & Assistance Outreach: Website Updates & Maintenance	\$	682.50
Education & Assistance Outreach: Website Hosting	\$	1,020.00
Education & Assistance Outreach: Chloride Reduction	\$	367.50
Education & Assistance Outreach: Library Winter Salt Week Displays	\$	250.00
		<hr/>
	\$	<b>2,320.00</b>

**Accounts Payable Total \$ 9,781.88**

May 11, 2026

**Remittance address:**  
**Lockbox 446104**  
**PO Box 64825**  
**St Paul, MN 55164-0825**

Black Dog Watershed Management Commission  
City of Burnsville  
13713 Frontier Court  
Burnsville, MN 55337-4720

Attn: Mr. Daryl Jacobson  
Email: [daryl.jacobson@burnsvillemn.gov](mailto:daryl.jacobson@burnsvillemn.gov)

**Re: Engineering & Environmental Consulting Services**

**Invoice of Account with  
BARR ENGINEERING COMPANY**

For professional services during the period of March 28, 2026 through May 1, 2026

<b>TOTAL PAYABLE THIS INVOICE:</b>	<b>\$7,374.38</b>
Allocation:	
Engineering:	\$1,260.00
Special Projects General Fund:	
• Crystal Lake 2025 WQ Monitoring	\$450.00
• Lac Lavon 2026 WQ Monitoring	\$1,647.38
Public Education:	
• Annual Activity Report (BWSR)	\$4,017.00

Barr declares under the penalties of law that this account, claim, or demand is just and that no part of it has been paid.



Stephanie L. Johnson  
Vice President

OK  
Daryl Jacobson  
5-12-26

BUDGET SUMMARY - 2026 FY  
 Black Dog Watershed Management Commission  
 March 28, 2026 through May 1, 2026

Work Description	2026 Barr Budget	Current Invoice	Spent This Year	Balance
Engineering	32,300.00	1,260.00	5,048.50	27,251.50
Special Projects: General Fund				
<i>Reporting on Crystal Lake 2025 Water Quality Monitoring</i>	6,500.00	450.00	1,322.50	5,177.50
<i>Lac Lavon 2026 Management Level Monitoring</i>	22,400.00	1,647.38	2,335.38	20,064.62
Subtotal -- Special Projects: General Fund	28,900.00	2,097.38	3,657.88	25,242.12
Water Quality Monitoring				
<i>Update Trend Analyses</i>	2,200.00	0.00	1,507.50	692.50
Subtotal -- W.Q. Monitoring	2,200.00	0.00	1,507.50	692.50
Public Education				
<i>Watershed Annual Report</i>	6,100.00	0.00	5,021.90	1,078.10
<i>Annual Activity Report (BWSR)</i>	5,500.00	4,017.00	4,017.00	1,483.00
Subtotal -- Public Education	11,600.00	4,017.00	9,038.90	2,561.10
Total Services	75,000.00	7,374.38	19,252.78	55,747.22

# INVOICE



Remittance address:  
Barr Engineering Co.  
Lockbox 446104  
PO Box 64825  
St Paul, MN 55164-0825  
FEIN #: 41-0905995 Inc: 1966

**Bill to:**

Mr. Daryl Jacobson  
Black Dog WMO  
City of Burnsville  
13713 Frontier Court  
Burnsville, MN 55337-4720

May 11, 2026  
Invoice No: 23190374.26 - 4

**Total this Invoice \$5,277.00**

**Regarding: BDWMO 2026 Engineering Services**

This invoice is for professional services related to the above project.

**Professional Services from March 28, 2026 to May 01, 2026**

Job: 2026 Engineering Services

Task: 001 Attend BDWMO Meetings

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV Williams, Sterling	2.00	195.00	390.00	
	2.00		390.00	
<b>Subtotal Labor</b>				<b>390.00</b>
				<b>Task Subtotal \$390.00</b>

Task: 002 Miscellaneous Consulting

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV Williams, Sterling	3.50	195.00	682.50	
Support Personnel II Nypan, Nyssa	1.50	125.00	187.50	
	5.00		870.00	
<b>Subtotal Labor</b>				<b>870.00</b>
				<b>Task Subtotal \$870.00</b>

Task: 003 Annual BWSR Activity Report

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist IV Williams, Sterling	20.60	195.00	4,017.00	
	20.60		4,017.00	
<b>Subtotal Labor</b>				<b>4,017.00</b>
				<b>Task Subtotal \$4,017.00</b>

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.

**Job Subtotal**                      **\$5,277.00**

**Total this Invoice**                      **\$5,277.00**

	<b>Current</b>	<b>Prior</b>	<b>Total</b>	<b>Received</b>	<b>A/R Balance</b>
<b>Invoiced to Date</b>	<b>5,277.00</b>	<b>8,810.40</b>	<b>14,087.40</b>	<b>8,810.40</b>	<b>5,277.00</b>

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Greg Williams, your Barr project manager, at (952) 832-2945 or email at [gwilliams@barr.com](mailto:gwilliams@barr.com).

# INVOICE



Remittance address:  
Barr Engineering Co.  
Lockbox 446104  
PO Box 64825  
St Paul, MN 55164-0825  
FEIN #: 41-0905995 Inc: 1966

**Bill to:**

Mr. Daryl Jacobson  
Black Dog WMO  
City of Burnsville  
13713 Frontier Court  
Burnsville, MN 55337-4720

May 11, 2026  
Invoice No: 23190375.26 - 4

**Total this Invoice \$2,097.38**

**Regarding: Management Level Water Quality Monitoring**

This invoice is for professional services related to the above project.

**Professional Services from March 28, 2026 to May 01, 2026**

Job: CRY Crystal Lake 2025 Reporting

Task: 100 Report

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist II Menken, Kevin	3.00	150.00	450.00	
	3.00		450.00	
<b>Subtotal Labor</b>				<b>450.00</b>
		<b>Task Subtotal</b>		<b>\$450.00</b>
		<b>Job Subtotal</b>		<b>\$450.00</b>

Job: LAC Lac Lavon 2026 Water Qual Monitoring

Task: 100 Monitoring Data Mgmt & Proj Mgmt

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist II Menken, Kevin	4.00	150.00	600.00	
Engineer / Scientist / Specialist I Lucas, Katherine	4.20	125.00	525.00	
Schneider, Anna	.30	120.00	36.00	
Technician II Melmer, David	1.40	120.00	168.00	
Technician I Gurfinkel, Avi	.50	80.00	40.00	
Support Personnel II Treasor, Margaret	.70	130.00	91.00	
	11.10		1,460.00	
<b>Subtotal Labor</b>				<b>1,460.00</b>

**Unit Charges**

Barr Vehicle Daily 0.5 days @ 115.00 57.50

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.

Canoe	0.5 days @ 45.00	22.50	
Ice Bag	1.0 ea @ 4.00	4.00	
Vehicle (Mileage)	15.0 miles @ 0.725	10.88	
YSI ProDSS Daily	0.5 days @ 185.00	92.50	
<b>Subtotal Units</b>			<b>187.38</b>
	<b>Task Subtotal</b>		<b>\$1,647.38</b>
	<b>Job Subtotal</b>		<b>\$1,647.38</b>
	<b>Total this Invoice</b>		<b>\$2,097.38</b>

	Current	Prior	Total	Received	A/R Balance
<b>Invoiced to Date</b>	<b>2,097.38</b>	<b>1,560.50</b>	<b>3,657.88</b>	<b>1,560.50</b>	<b>2,097.38</b>

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Greg Williams, your Barr project manager, at 952.932.2945, or email [gwilliams@barr.com](mailto:gwilliams@barr.com).


**CAMPBELL KNUTSON**  
**Professional Association**  
**Attorneys at Law**  
**Federal Tax I.D. #41-1562130**  
**Grand Oak Office Center I**  
**860 Blue Gentian Rd Ste 290**  
**Eagan, Minnesota 55121**  
**(651) 452-5000**

Black Dog Watershed Management Organization  
 Attention: Daryl Jacobson  
 City of Burnsville  
 100 Civic Center Parkway  
 Burnsville MN 55337-3817

Page: 1  
 March 31, 2026  
 Account # 602-0000G  
 410

RE: GENERAL SERVICES  
 RENDERED TO DATE:

			HOURS	
03/25/2026	PNA	Attend board meeting,	0.50	87.50
		AMOUNT DUE	0.50	87.50
		TOTAL CURRENT WORK		87.50
		PREVIOUS BALANCE		\$229.65
02/23/2026		Payment - thank you (Check # 1873 dated 2/18/26)		-229.65
		TOTAL AMOUNT DUE		<u>\$87.50</u>

*OK*  
  
 4-15-26

Amounts due over 30 days will be subject to a finance charge of .5% per month (or an annual rate of 6%). Minimum charge - 50 cents.

**DAKOTA COUNTY**



SOIL & WATER  
CONSERVATION DISTRICT

**Dakota County Soil & Water  
Conservation District**

4100 220th Street West, Ste 102  
Farmington, MN 55024  
(651) 480-7777  
DakotaSWCD.Accounting@CO.Dakota.MN.US

**Invoice**

DATE	INVOICE #
4/1/2026	3529

BILL TO		AGREEMENT	BILLING PERIOD	TERMS
Black Dog WMO Daryl Jacobson, Administrator 13713 Frontier Court Burnsville, MN 55337		2026 Agreement	Jan - Mar 2026	Net 30 Days
DESCRIPTION	HRS/COUNT	RATE	AMOUNT	
EDUCATION AND ASSISTANCE OUTREACH Website Updates and Maintenance Fee: Website Hosting	6.5 1	105.00 1,020.00	682.50 1,020.00	
Landscaping for Clean Water Intro Class Landscaping for Clean Water Design Course Landscaping for Clean Water Maintenance Workshop Shoreline Workshop Lawns Re-imagined Class	0 0 0 0 0	3,000.00 6,000.00 2,000.00 2,000.00 3,000.00	0.00 0.00 0.00 0.00 0.00	
Chloride Reduction Outreach Library Winter Salt Week Displays	3.5 1	105.00 250.00	367.50 250.00	
TECHNICAL ASSISTANCE Landscaping for Clean Water Technical Assistance	0	600.00	0.00	
COST SHARE Landscaping for Clean Water Grant:	0	400.00	0.00	
It's been a pleasure working with you!			<b>Total</b>	\$2,320.00

**BLACK DOG WMO  
CASH ACTIVITY REPORT 2026**

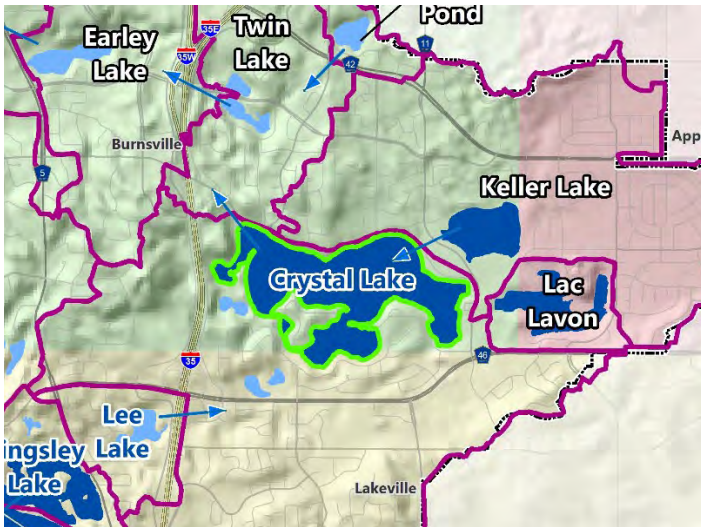
Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	Expenditures:									
						General Engineering Support	Special Projects (General)	Special Projects (Capital)	Special Projects (Gen. Reserve)	Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public
<b>Balance as of 12/31/25</b>					<b>653,795.34</b>										
21-Jan	Barr Engineering Co (2025)		1868	1,886.30		1,538.30	348.00								
31-Jan	Interest Income	2,039.72													
<b>01/31/26 Balance</b>		<b>2,039.72</b>		<b>1,886.30</b>	<b>653,948.76</b>	<b>1,538.30</b>	<b>348.00</b>	-	-	-	-	-	-	-	-
18-Feb	City of Burnsville (2025)		1869	22,268.02						22,268.02					
18-Feb	Dak Cty Soil & Water Cons District (2025)		1870	3,050.00			2,550.00					500.00			
18-Feb	Metropolitan Council (2025)		1871	3,040.00									3,040.00		
18-Feb	Barr Engineering		1872	1,570.50		1,234.00	336.50								
18-Feb	Campbell Knutson		1873	229.65					229.65						
28-Feb	Interest Income	1,834.41													
<b>02/28/26 Balance</b>		<b>1,834.41</b>		<b>30,158.17</b>	<b>625,625.00</b>	<b>1,234.00</b>	<b>2,886.50</b>	-	-	-	229.65	22,268.02	500.00	3,040.00	-
25-Mar	Barr Engineering		1874	3,432.00		1,202.50	150.00						1,779.50	300.00	
31-Mar	Interest Income	1,924.17													
<b>03/31/25 Balance</b>		<b>1,924.17</b>		<b>3,432.00</b>	<b>624,117.17</b>	<b>1,202.50</b>	<b>150.00</b>	-	-	-	-	-	1,779.50	300.00	-
15-Apr	Barr Engineering		1875	6,875.90		1,352.00	1,074.00						3,242.40	1,207.50	
30-Apr	Interest Income	1,849.09													
<b>04/30/25 Balance</b>		<b>1,849.09</b>		<b>6,875.90</b>	<b>619,090.36</b>	<b>1,352.00</b>	<b>1,074.00</b>	-	-	-	-	-	3,242.40	1,207.50	-
<b>Total Revenue</b>		<b>7,647.39</b>	<b>Total Expense</b>		<b>42,352.37</b>	<b>5,326.80</b>	<b>4,458.50</b>	-	-	-	229.65	22,268.02	5,521.90	4,547.50	-
<b>Less: 2025 A/R</b>		<b>-</b>	<b>Less: 2025 A/P</b>		<b>(30,244.32)</b>	<b>(1,538.30)</b>	<b>(2,898.00)</b>	-	-	-	-	<b>(22,268.02)</b>	<b>(500.00)</b>	<b>(3,040.00)</b>	-
December LMC insurance reclass		-			-										
<b>Total YTD 2026 Revenue</b>		<b>7,647.39</b>	<b>Total YTD 2026 Exp</b>		<b>12,108.05</b>	<b>3,788.50</b>	<b>1,560.50</b>	-	-	-	229.65	-	5,021.90	1,507.50	-
			<b>2026 Budget</b>		<b>162,500.00</b>	<b>32,100.00</b>	<b>50,800.00</b>	-	-	2,500.00	7,500.00	25,500.00	32,400.00	6,200.00	500.00
			<b>Budget Remaining</b>		<b>150,392.00</b>	<b>28,312.00</b>	<b>49,239.50</b>	-	-	2,500.00	7,270.35	25,500.00	27,378.10	4,692.50	500.00
	YTD Interest Income	7,647.39													

# BLACK DOG WATER MANAGEMENT COMMISSION

## Budget Performance Report April 30, 2026

	CURRENT MONTH	YEAR TO DATE			
		GENERAL FUND BUDGET	CAPITAL IMPROVEMENT FUND BUDGET	ACTUAL	VARIANCE FAVORABLE (UNFAVORABLE)
	ACTUAL				
<b>Opening Fund Balance</b>		\$ 482,562	\$ 140,989	\$ 623,551	
<b>REVENUES :</b>					
<b>Member Contributions:</b>					
City of Apple Valley	\$ -	\$ 9,403	\$ 981	\$ -	\$ (10,384)
City of Burnsville	-	85,291	9,161	-	(94,452)
City of Eagan	-	531	-	-	(531)
City of Lakeville	-	23,775	2,358	-	(26,133)
<b>Total Member Contributions</b>	-	119,000	12,500	-	(131,500)
<b>Other Revenues:</b>					
Interest	\$ 1,849	\$ 15,000	\$ -	\$ 7,647	\$ (7,353)
Grant (State of MN BWSR)	-	-	-	-	-
<b>Total Other Revenue</b>	1,849	15,000	-	7,647	(7,353)
<b>Total Revenues</b>	\$ 1,849	\$ 134,000	\$ 12,500	\$ 7,647	\$ (138,853)
<b>EXPENDITURES :</b>					
General Engineering Support	\$ 1,352	\$ 32,100	\$ -	\$ 3,789	\$ 28,312
Special Projects - General Fund	1,074	50,800	-	1,561	49,240
Special Projects - Capital Improvement Func	-	-	-	-	-
Special Projects - General Fund Reserve	-	-	-	-	-
Insurance	-	2,500	-	-	2,500
Legal and Audit	-	7,500	-	230	7,270
Administrative Support	-	25,500	-	-	25,500
Public Education	3,242	32,400	-	5,022	27,378
Water Quality Monitoring	1,208	6,200	-	1,508	4,693
Conference/Publications	-	500	-	-	500
Contingency	-	5,000	-	-	5,000
<b>Total Expenditures</b>	6,876	162,500	-	12,108	150,392
<b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES</b>	(5,027)	(28,500)	12,500	(4,461)	
<b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES PLUS OPENING FUND BALANCE</b>				<u>619,090</u>	
<b>TOTAL CASH AVAILABLE 4/30/2026</b>	619,090				
<b>Fund Balance 4/30/2026</b>	<u>\$ 619,090</u>				

# Crystal Lake 2025 Management Level Monitoring



The Black Dog Watershed Management Organization (BDWMO) performs monitoring of its strategic waterbodies on a 5-year rotating basis. BDWMO monitored Crystal Lake in 2025. Monitoring results presented in this report include:

- Water chemistry:
  - Phosphorus
  - Chlorophyll-*a*
  - Secchi Disc Transparency
  - Chloride
- Phytoplankton (algae)
- Water levels
- Aquatic Plants

## About Crystal Lake

<b>BDWMO Classification</b>	Strategic waterbody
<b>MDNR ID number</b>	19-0027
<b>Watershed Area</b>	3,667 acres
<b>Lake Area</b>	292 acres
<b>Average Depth</b>	10 feet
<b>Maximum Depth</b>	35 feet
<b>Ordinary High Water Level</b>	934.5 feet
<b>Normal Water Level</b>	933.5 feet (weir outlet)
<b>100-year Flood Level</b>	936 feet (FEMA)
<b>Downstream Resource</b>	Twin Lake
<b>Location (city)</b>	Burnsville
<b>Public Access</b>	Public beach; boat launch
<b>MPCA Classification</b>	Deep lake
<b>MPCA Impairments</b>	Mercury in fish tissue; delisted for excess nutrients in 2018
<b>Aquatic Invasive Species</b>	Curly-leaf pondweed Eurasian watermilfoil

## Summary and Recommendations

- Continued good water quality; phosphorus, chlorophyll-*a*, and Secchi disc transparency better than MPCA standards
- Secchi disc transparency has a mild worsening trend that is not reflected in other parameters
- Chloride is near, but generally below, Minnesota water quality standards
- Low amount of phytoplankton (algae) in summer; algal community includes desirable green algae
- Submergent plant community is diverse; non-native invasive curlyleaf pondweed and Eurasian watermilfoil are present and managed by the City
- Recommend continued water quality monitoring and trend analysis, aquatic plant monitoring and invasive species management, and implementation of stormwater best management practices in the watershed as opportunities allow

## Introduction

Crystal Lake is a deep lake that lies in the southeast portion of the City of Burnsville, on the border with the City of Lakeville. Crystal Lake receives runoff from a 3,667 acre watershed that includes Keller Lake. Crystal Lake discharges north towards Twin Lake, and is within the Minnesota River watershed.

The Crystal Lake watershed is nearly fully developed with a mix of land uses including residential, commercial, institutional, park and open space, golf course, and highway. areas. Overall, land use is low density, but includes areas along the Interstate 35 corridor that have undergone recent redevelopment.

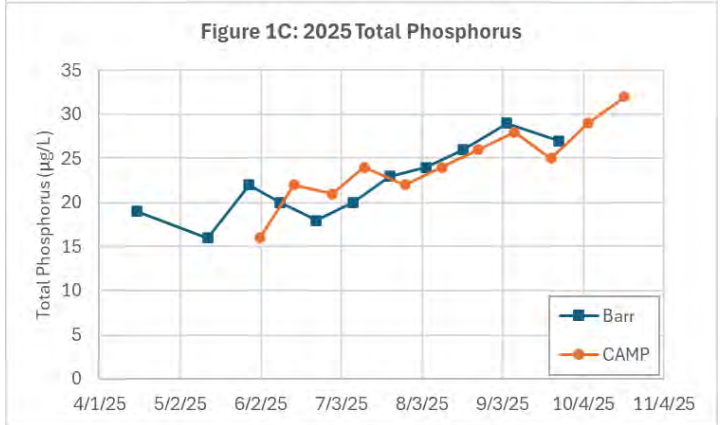
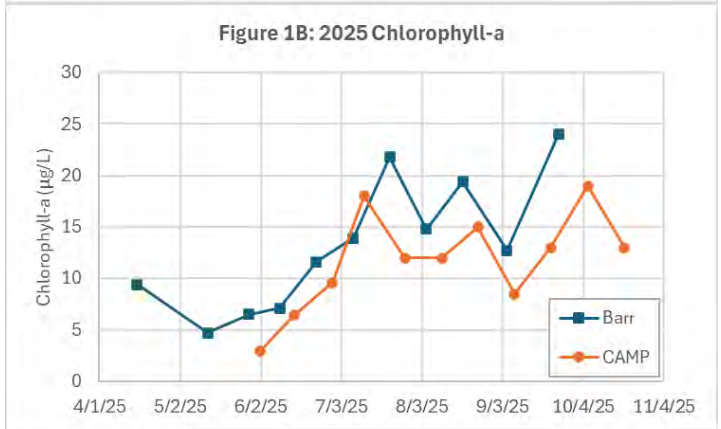
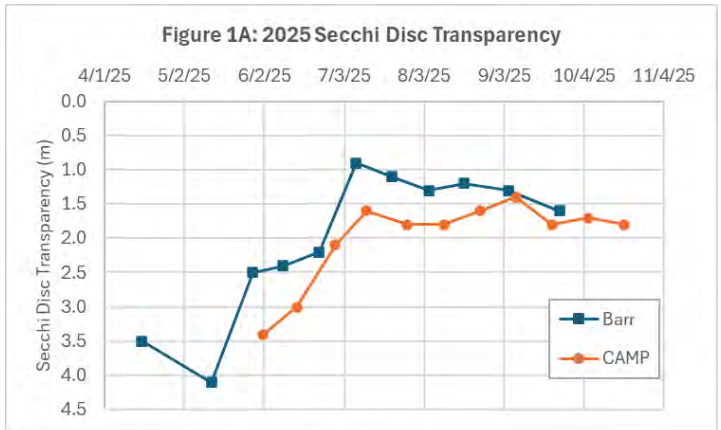
The lake is a major recreational resource for the area and is used for fishing, swimming, boating, and aesthetic and wildlife viewing are also popular recreational uses. Three city parks are located on Crystal Lake. Access includes a public boat access on the northwest shore (Crystal Lake West Park), a public beach on the east shore (Crystal Beach), and a fishing pier on the north shore (Tyacke Pak).

## 2025 Water Quality Monitoring

Water quality monitoring performed by BDWMO in 2025 included eleven sampling events between March and September. Measured parameters included:

- Secchi disc transparency
- Chlorophyll-*a*
- Total phosphorus
- Chloride
- Field parameters including:
  - Temperature
  - Dissolved oxygen
  - Specific conductivity
  - pH

Volunteers also collected water samples in 2025 through the Metropolitan Council’s Community Assisted Monitoring Program (CAMP). The CAMP data is generally consistent with data collected by the BDWMO. Results of 2025 BDWMO and CAMP water quality monitoring are presented in Figure 1A through 1C. Data collected in 2025 show low concentrations of total phosphorus and chlorophyll-*a* in the spring, with concentrations increasing into the summer months. This trend corresponded to a decrease in Secchi disc transparency.



Aquatic plant growth in Crystal Lake observed during the August 4, 2025 water quality sampling event.

## Summer Averages of Water Quality

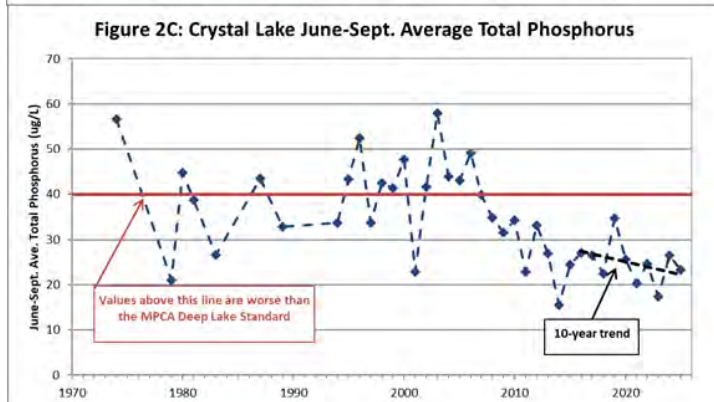
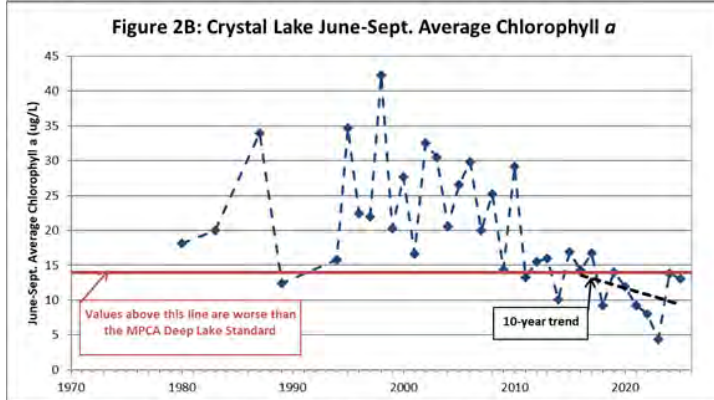
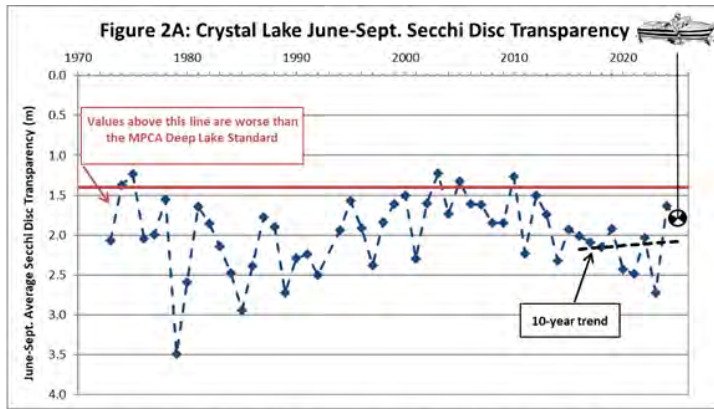
The 2025 summer (June-September) averages of water quality parameters were calculated for Crystal Lake and plotted with previous years' summer averages (Figure 2).

Crystal Lake's water quality remained good in 2025, and summer averages of total phosphorus (23  $\mu\text{g/L}$ ), chlorophyll-*a* (13  $\mu\text{g/L}$ ), and Secchi disc transparency (1.8 meters [5.9 feet]) were all better than Minnesota deep lake water quality standards. Crystal Lake monitoring activities in 2025 included management level monitoring as well as routine CAMP level monitoring. Summer average phosphorus concentrations over the past 10 years show annual variability and have fluctuated between 17 and 35  $\mu\text{g/L}$ , remaining below the standard of 40  $\mu\text{g/L}$  for deep lakes. The 10-year trend in summer average total phosphorus is improving (i.e., decreasing), though the trend is not statistically significant.

Summer average chlorophyll-*a* in 2025 was close to the standard of 14  $\mu\text{g/L}$  for deep lakes for the second year in row. The 10-year summer average of chlorophyll-*a* remains below the standard and shows an improving (i.e., decreasing) but not statistically significant trend.

Like chlorophyll-*a* concentrations, summer average Secchi disc transparency in 2025 was similar to 2024 and closer to the 1.4m standard for deep lakes than prior years. Low transparency values in 2024 and 2025 contribute to a mild worsening (i.e., decreasing) trend over the 2016-2025 period. The trend is not statistically significant at the 90% confidence level. Continued regular monitoring and analysis are recommended to determine if recent results are attributable to annual variability or represent a significant trend.

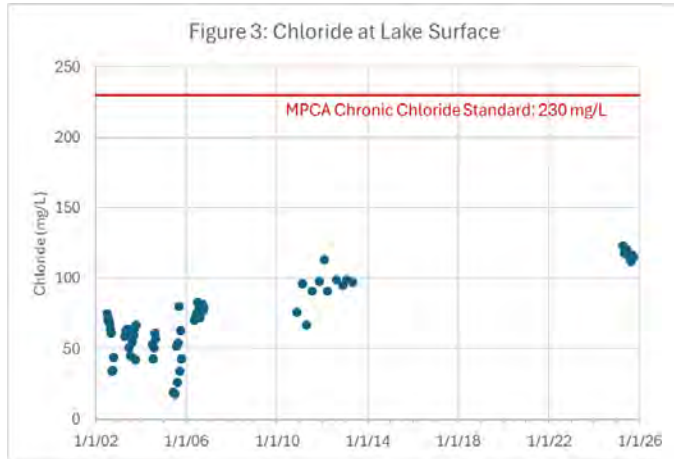
With the addition of the 2025 data, summer averages of water quality parameters in Crystal Lake have been consistently better than the applicable state water quality standards for the last eighteen years (2008-2025). The BDWMO will continue to monitor the water quality of Crystal Lake in 2026 via CAMP monitoring. Management level monitoring of Crystal Lake is next scheduled for 2030.



Parameter	MPCA Standard	BDWMO Goal	2016-2025 June-Sept Average
Secchi Disc Transparency (m)	1.4	2.4	2.1
Chlorophyll-a ( $\mu\text{g/L}$ )	14	14	12
Total Phosphorus ( $\mu\text{g/L}$ )	40	26	25

## Chlorides

Chloride concentrations in area lakes have increased since the early 1990s largely due to increased use of road salt in winter. Because high chloride concentrations can harm fish and plant life, the MPCA has established maximum chloride standards. A lake is considered impaired if two or more measurements exceed the chronic standard (230 mg/L) within a 3-year period or if one measurement exceeds the maximum standard (860 mg/L).



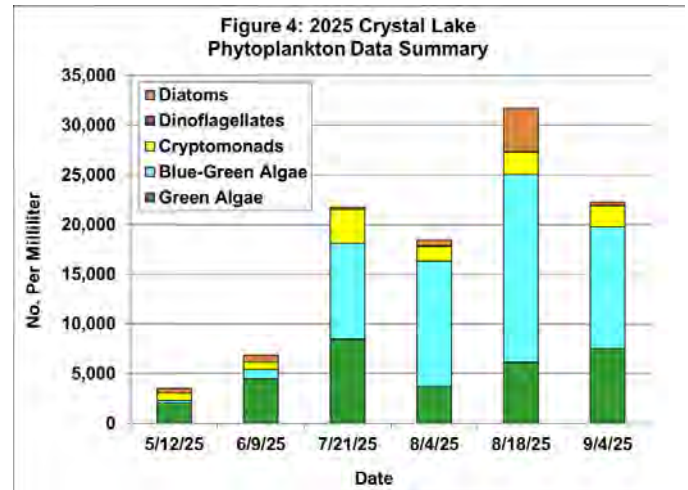
Chloride has been measured in select years in Crystal Lake, including by BDWMO in 2025. Data from the lake surface illustrates an increase in chloride concentrations over time (Figure 3), with 2025 chloride concentrations double the average chloride concentration observed in 2002. The highest observed chloride in 2025 is 120 mg/L, which is well below the chronic standard of 230 mg/L. Chloride was also measured near the lake bottom in 2025, and concentrations were similar to those measured at the lake surface.

## Phytoplankton (Algae)

Phytoplankton, or algae, are small aquatic plants naturally present in lakes. Phytoplankton derive energy from the sun through photosynthesis and provide food for several types of aquatic organisms, including zooplankton (microscopic animals), which are eaten by fish. Excess phytoplankton can reduce water clarity while low numbers of phytoplankton can negatively impact zooplankton, and consequently, fish populations.

Figure 4 summarizes the number and major groups of phytoplankton observed in Crystal Lake in 2025. Phytoplankton numbers were low in May and June. The numbers increased substantially in July, peaked in

August, and remained relatively high into September, though still moderate for suburban lakes like Crystal Lake.



Green algae were dominant in May and June. Green algae are a good source of food for zooplankton and are indicative of healthy aquatic ecosystems. Blue-green algae, diatoms, dinoflagellates, and cryptomonads were also present in smaller numbers.

Blue-green algae numbers were similar to green algae in July, but blue-green algae exceeded all other algae types during the August and September sampling events. Blue-green algae thrive in warm, nutrient-rich water and can grow rapidly under certain conditions, causing “blooms.” Blue-green algae can produce algal toxins that may be harmful to humans and animals and are also a poor-quality food for zooplankton. Macrophytes (Aquatic Plants)

### Harmful Algal Blooms

During algal blooms, some blue-green algae (cyanobacteria) can produce toxins that can be harmful to humans and animals if ingested. Such algal blooms can occur rapidly under specific aquatic conditions (e.g., high temperatures). Not all blue-green algae produce toxins and laboratory testing is necessary to determine the presence and concentration of algal toxins in lake water.

BDWMO residents should look to their respective Cities for information and communications regarding harmful algal blooms and associated public health guidance (such as beach closures or bodily contact warnings). Additional information is available from the [MPCA](#) and [MDH](#).

## Aquatic Vegetation

The BDWMO assesses the health of a lake’s submerged aquatic plant community based on the number of species present and the “quality” of the species as measured by the Floristic Quality Index (FQI). The FQI considers the number of different species and the sensitivity of each species to disturbance (referred to as a “C-value”). Higher C-values and FQI indicate better lake health. The BDWMO established goals for the number of native species and FQI of strategic waterbodies.

Parameter	BDWMO Goal	2025 Results
<b>Floristic Quality Index (submergent zone)</b>	≥17.8	22.2
<b>Native Species (submergent zone)</b>	≥11	15

Seventeen aquatic plant species were identified in the submergent zone in 2025, including 15 native species and two non-native aquatic invasive species. The 2025 survey found aquatic plants growing in depths of up to 17 feet.

### Native Species

Of the 15 native species observed in Crystal Lake in 2025, coontail and water celery had the highest occurrence in late summer, and were observed at 73% and 33% of sampling stations, respectively.



**Coontail (*Ceratophyllum demersum*)**



**Water celery (*Vallisneria spiralis*)**

## Aquatic Invasive Species

**Curly-leaf pondweed (CLP)** was found at 78% of sampling points in May, 2025. A total of 35.8 acres was harvested to remove CLP during period of May 29 – June 13. In July, 2025, CLP was observed at 6% of sampling points. CLP often out-competes native vegetation early in the growing season and dies off in early to mid-summer, which releases nutrients into the water that can produce algal blooms and create turbid water conditions. The presence of CLP in Crystal Lake can impact the lake’s water quality. This impact has been mitigated through regular CLP harvesting performed by the City of Burnsville.

**Eurasian watermilfoil (EWM)** can create dense, nuisance growths at the lake surface, and have a negative impact on recreational activities and may also crowd out native plant species. EWM was found at 25% of sampling points in May, 2025, and 73% of sampling locations in July, 2025. The City of Burnsville does not treat EWM in Crystal Lake, but some homeowners may treat their respective shoreline areas.

### Fisheries

A standard fish survey was most recently conducted on Crystal Lake in 2023 (and previously in 2012). Targeted surveys for gamefish have been performed other years as well. The Minnesota Department of Natural Resources stocks Crystal Lake biennially with tiger muskellunge. Walleye are stocked by the DNR when surplus fingerlings are available.

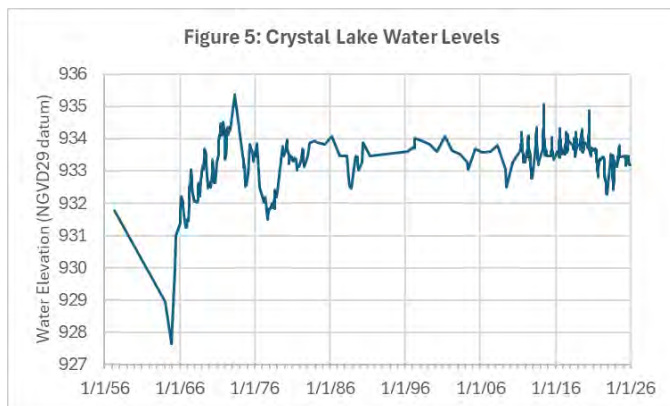
The 2023 survey found bluegill sunfish to be the dominant fish species; hybrid, pumpkinseed, and green sunfish were also present in moderate numbers. Largemouth bass, which prey on bluegill, were the most prevalent game fish. Northern pike, tiger muskellunge, and walleye were also observed in the 2023 survey. Other species observed in the 2023 survey include black and yellow bullhead, yellow perch, and black crappie.

Crystal Lake is listed by the Minnesota Pollution Control Agency as impaired due to concentrations of mercury in fish tissue. To mitigate this risk, the Minnesota Department of Health as published [Fish Consumption Guidance](#).

## Water Levels

Crystal Lake drains over a weir at an elevation of approximately 933.5 feet (NGVD29 datum). Water from Crystal Lake flows towards Twin Lake and Early Lake, on its way towards the Minnesota River to the north. Water elevations have been measured dating back to 1957, (Figure 5).

Crystal Lake’s outlet weir has maintained water levels within a relatively narrow range. Over the last 10 years, water levels ranged between a high of 934.8 feet in 2020 to a low of 932.2 feet in 2022. Water levels since 2020 have frequently been below the outlet elevation, reflecting drought conditions that occurred from approximately 2020 through 2024.



## Management Recommendations

Crystal Lake continues to demonstrate excellent water quality that meets applicable state standards for transparency, chlorophyll-*a*, and total phosphorus. Based on the 2025 monitoring results, Barr Engineering Co. (Barr) staff recommend that the BDWMO and/or the City perform the following management actions:

- Continue CAMP water quality monitoring annually.
- Continue to monitor for trends in water quality.
- Perform BDWMO management level monitoring in 2030.
- Continue aquatic vegetation monitoring and curlyleaf pondweed management.
- Implement stormwater best management practices in the watershed as opportunities allow

## Ways to Get Involved

Because runoff from stormwater can be generated anywhere, anyone in the watershed can help protect ponds and lakes through their own actions!

### Top 5 Things You Can Do to Protect Ponds & Lakes

- 1

**Adopt a Storm Drain**

Keep leaves, grass clippings and other debris off the street and storm drain in front of your house. Debris can clog storm drains or end up as pollution in your neighborhood pond.
- 2

**Stop the Drops**

Increase the number of raindrops that soak into the ground by installing a rain barrel (and using the water for your garden) or by directing downspouts onto your lawn or into a rain garden.
- 3

**Walk Your Dog, Bring a Bag**

Clean up your dog's droppings so they don't wash down a storm drain. Not only is it gross to step in, but your dog's waste harbors harmful bacteria and boosts algae growth in ponds.
- 4

**Don't Feed the Storm Drain**

Keep grass clippings and leaves out of the street so rain doesn't wash them into a storm drain. Also, never dump motor oil or paint down a storm drain.
- 5

**Fertilize Your Lawn... Not the Street**

Fertilizer that ends up on hard surfaces will likely be washed into a storm drain & sent to your neighborhood pond. In a pond, fertilizer causes an explosion of algae growth.

The Dakota County Soil and Water Conservation District also offers the [Landscaping for Clean Water](#) program which includes free educational classes, garden design courses, natural shoreline and garden maintenance workshops, and grants for homeowners that install a raingarden, native garden, or native shoreline planting.





**League of Minnesota Cities Insurance Trust  
Liability Coverage Waiver Form**

**Members who obtain liability coverage through the League of Minnesota Cities Insurance Trust (LMCIT) must complete and return this form to LMCIT before their effective date of coverage. Use the submit button below, otherwise, print and email to [pstech@lmc.org](mailto:pstech@lmc.org), or fax to 651.281.1298.**

Members who obtain liability coverage from LMCIT must decide whether to waive the statutory tort liability limits to the extent of the coverage purchased. *The decision to waive or not waive the statutory tort limits must be made annually by the member's governing body, in consultation with its attorney if necessary.* The decision has the following effects:

- *If the member does not waive the statutory tort limits*, an individual claimant could recover no more than \$500,000 on any claim to which the statutory tort limits apply. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would be limited to \$1,500,000. These statutory tort limits would apply regardless of whether the member purchases the optional LMCIT excess liability coverage.
- *If the member waives the statutory tort limits and does not purchase excess liability coverage*, a single claimant could recover up to \$2,000,000 for a single occurrence (under the waive option, the tort cap liability limits are only waived to the extent of the member's liability coverage limits, and the LMCIT per occurrence limit is \$2,000,000). The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to \$2,000,000, regardless of the number of claimants.
- *If the member waives the statutory tort limits and purchases excess liability coverage*, a single claimant could potentially recover an amount up to the limit of the coverage purchased. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to the amount of coverage purchased, regardless of the number of claimants.

Claims to which the statutory municipal tort limits do not apply are not affected by this decision.

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Select one of the options below.

- The member **DOES NOT WAIVE** the monetary limits on municipal tort liability established by [Minn. Stat. § 466.04](#)
- The member **WAIVES** monetary limits on municipal tort liability established by [Minn. Stat. § 466.04](#), to the extent of the limits of the liability coverage obtained from LMCIT

LMCIT Member Name: \_\_\_\_\_

Date of member's governing body meeting: \_\_\_\_\_

Name and title of person completing this form: \_\_\_\_\_

Signature of person completing this form: \_\_\_\_\_

**SUBMIT**

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# ***Black Dog Watershed Management Organization***

## **2027 Draft Work Plan**

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1. Participate in Metropolitan Council's Community Assisted Water Quality Monitoring Program (CAMP) for the following strategic water bodies:

- Crystal Lake
- Keller Lake
- Kingsley Lake
- Lac Lavon
- Orchard Lake

Complete water quality trend analyses on these lakes using the information gathered through CAMP and the more detailed monitoring on Lac Lavon (performed in 2026).

2. Perform more detailed (management level) 2027 monitoring on Kingsley Lake as outlined in the updated 2022 Black Dog WMO Watershed Management Plan. The 2027 monitoring includes water quality monitoring and aquatic vegetation surveys of Kingsley Lake. Note that the water quality monitoring is the first time management level monitoring will be performed on Kingsley Lake. The water quality monitoring will consist of collecting samples on 11 occasions—ice-out (April) and then May through September, twice per month. On each monitoring occasion, analytical samples will be collected at three depths at the deepest spot in the lake—a surface sample, plus a sample at 2 or 3 meters (depending on lake depth) and bottom sample at approximately 3 to 4 meters. The samples will be analyzed for total phosphorus and chlorophyll-a. Top and bottom samples will be analyzed for chloride. Surface samples will be collected for phytoplankton counts every other sampling event, or once per month April-September, for a total of 6 phytoplankton count samples. In addition, Secchi disc readings will be taken. Field measurements of temperature, dissolved oxygen, pH, redox potential, and specific conductivity will be taken at one meter intervals at the monitoring location. Turbidity field measurements will also be taken on the surface water sample at the monitoring location. In 2027, the work includes field work, lab work, QA/QC of lab data (including coordination with lab), entering data into EQulS database, and submitting data to the MPCA (per guidance in the BDWMO Plan). The City of Lakeville will perform or contract for two aquatic vegetation point intercept surveys on Kingsley Lake—one in June and one in August. Reporting will occur in 2028 and is not included in this budget item.
3. Prepare the 2026 Kingsley Lake report summarizing the more detailed (management level) monitoring results and deliver a presentation for a Commission meeting.
4. Assess and document progress made in 2026 towards goals adopted in the 2022 Black Dog Watershed Management Plan. Progress will be documented in the 2026 annual activity report submitted to the Board of Water and Soil Resources (BWSR, see item 6).
5. Prepare an annual report/newsletter that documents watershed programs and achievements from 2026 and share the newsletter with member communities and partners.
6. Develop an annual activity report based on this information that is submitted to the Minnesota Board of Water and Soil Resources (incorporating progress towards goals and the annual report/newsletter, see items 4 and 5).

7. Hold at least one meeting with the member cities, Dakota County SWCD, and Dakota County to align the BDWMO implementation schedule with partner and member city capital improvement programs, as needed, discuss opportunities to leverage watershed based implementation funding, and establish a work plan for the coming year.
8. Partner with the Dakota County SWCD to fund Landscaping for Clean Water workshops. The workshops include three programs—Introduction to Clean Water Class, Design Course, Shoreline Course, and Maintenance Workshop. Programming in 2027 will include live, in-person classes and on-demand, pre-recorded videos. Project materials for participants will be available online and an “Office Hours” program will be used to provide virtual consultations to Design Course class participants. The Maintenance Workshop classes focus on maintenance for a given season (Spring, Summer and Fall) allowing for season specific information on how to maintain and promote the health, performance, and beauty of their garden. A class focused on shoreline projects will continue to be offered.
9. Partner with the Dakota County SWCD by providing funding and technical support to install up to 18 water quality improvement projects (e.g., raingardens, native plantings and shoreline stabilization projects) through the Landscaping for Clean Water program for Black Dog WMO residents, consistent with SWCD cost share policies.
10. Partner with the Dakota County SWCD to deliver a presentation on the Lawns Reimagined program for residents to learn how to upgrade their lawns to require less water and fertilizer.
11. Partner with Dakota County SWCD to provide funding to support technical assistance for projects implemented via the Lawns Reimagined program.
12. Partner with Dakota County SWCD (and other partners, as applicable) to provide funding to support Winter Salt Week chloride education programming.
13. Complete the 2026 financial statement. Statute allows the Black Dog WMO to perform audits every five years and prepare an annual finance statement in intervening years. As the last audit was prepared for year 2024, the next audit needs to be prepared in 2030 for year 2029.
14. As budget allows, prepare up to two educational pieces/presentations for the Commission regarding new technology (e.g., new stormwater best management practices, new lake treatment technologies, etc.) and/or aquatic invasive species.
15. Apply for grants and/or assist member cities with grant applications.
16. Assist with coordinating the use of BWSR watershed-based implementation funding by Black Dog WMO and/or its watershed partners.
17. Formulate and approve the year 2028 Work Plan and Budget.
18. Review and respond to any issues and opportunities brought to the attention of the Black Dog WMO.
19. Maintain and update web site, including updates needed for ADA compliance.
20. Respond to requests to partner with member communities, Dakota County, and Dakota County SWCD on educational outreach programs.

21. Keep abreast of changes to regulatory, water quality, and other programs, including: TMDL program and additions to/removals from the impaired waters list; wetland classification methodology to replace MnRAM; and development of Atlas 15 precipitation estimates.
22. Review revisions to local water management plans, comprehensive plans, and local ordinances, as needed. Black Dog WMO anticipates that member cities will begin updating their local water plans and 2050 comprehensive plans in 2026. Coordination and possible review(s) are anticipated in 2027, though Black Dog WMO reviews may not be required until 2028.
23. Continue implementing the plan to accrue funds in a Capital Improvement Fund for the BDWMO watershed plan ten-year update and future projects including BDWMO internal load reduction projects stemming from TMDLs for lakes with intercommunity shoreline (Crystal Lake, Keller Lake, and Lac Lavon).
24. *Consider adding an item regarding AIS diagnostics and management in strategic waterbodies (e.g., yellow iris, rough fish).*

**Black Dog Watershed Management Organization**  
**2027 *DRAFT* Budget**

<b>EXPENDITURES</b>	<b>AMOUNT (2027)</b>
<b><u>ITEM</u></b>	
<b>1. ENGINEERING</b>	<b>\$32,000</b>
<p>Projected cost of engineering consulting fees required for the general operation of the Black Dog WMO. Includes funding for engineering consultant to prepare for and attend meetings (regular Commission meetings, new meeting(s) with the member cities and Dakota County SWCD to align the Black Dog WMO implementation schedule with member city capital improvement programs and establish a work plan for the coming year, and other meetings); review/respond to issues and opportunities; apply for grants; assist with BWSR watershed-based funding; review/comment on proposed projects, EAWs, revisions to local water management plans, comprehensive plans, and other plans; communications/ meetings with agencies and member cities; track and report on impaired waters and TMDL issues; and other miscellaneous consulting/reviews. <b>In 2027, this budget includes possible Engineer time to coordinate with cities and partners to implement work plans related to WBIF, as well as collect data from member cities related to goal progress reporting.</b> As budget allows, this also includes the preparation of up to two educational pieces/presentations for the Commission regarding new technology (e.g., new stormwater best management practices, new lake treatment technologies, etc.) and/or aquatic invasive species.</p>	
<b>2. SPECIAL PROJECTS – GENERAL FUND</b>	<b>\$44,100</b>
<i>(A) Kingsley Lake Management Level Monitoring</i>	<i>\$22,000</i>
<p>Costs to conduct management level monitoring of Kingsley Lake's water quality in 2027, per guidance in the updated 2022 BDWMO Plan. <b>NOTE: This is the first management level monitoring performed by BDWMO on Kingsley Lake.</b> The 2027 monitoring includes water quality monitoring and aquatic vegetation surveys. The water quality monitoring will consist of collecting samples on 11 occasions—ice-out (April) and then May through September, twice per month. On each monitoring occasion, analytical samples will be collected at three depths at the deepest spot in the lake—a surface sample, plus a sample at 3 meters and bottom sample at approximately four meters. The samples will be analyzed for total phosphorus and chlorophyll-a. Top and bottom samples will be analyzed for chloride. Surface samples will be collected for phytoplankton counts every other sampling event, or once per month April-September, for a total of 6 phytoplankton count samples. In addition, Secchi disc readings will be taken. Field measurements of temperature, dissolved oxygen, pH, redox potential, and specific conductivity will be taken at one meter intervals at the monitoring location. Turbidity field measurements will also be taken on the surface water sample at the monitoring location. In 2027, the work includes field work, lab work, QA/QC of lab data (including coordination with lab), entering data into EQuS database, and submitting data to the MPCA (per guidance in the BDWMO Plan). The City of Lakeville will perform or contract for two aquatic vegetation point intercept surveys on Kingsley Lake—one in June and one in August. Reporting will occur in 2028 and is not included in this budget item.</p>	
<i>(B) Dakota County SWCD –Landscaping for Clean Water Implementation</i>	<i>\$12,000</i>

**Black Dog Watershed Management Organization**  
**2027 *DRAFT* Budget**

Funds to partner with the Dakota County SWCD to provide cost share and technical assistance to landowners for up to 18 Landscaping for Clean Water projects including raingardens, native plantings and shoreline stabilization projects, consistent with SWCD cost share policies.

(C) Dakota County SWCD – Lawns Reimagined Implementation \$3,600

Funds to partner with the Dakota County SWCD to provide cost share and technical assistance to landowners for up to Lawns Reimagined projects; number of projects to be determined consistent with available funding amount.

(D) Reporting on 2026 Lac Lavon Management Level Monitoring \$6,500

Cost to prepare the 2026 Lac Lavon report summarizing the monitoring results and a presentation for a Commission meeting. The report and presentation will include a new format representative of the revised monitoring program adopted with the current BDWMO Plan.

~~(E) Management of Keller Lake Goldfish Removal~~ 0

~~Cost to manage and close out project to remove Goldfish from Keller Lake, anticipated to begin in Fall 2025 and extend into Spring 2026.~~

**3. INSURANCE** **\$2,500**

Cost of insurance policy for WMO. Cost is net of any rebates anticipated.

**4. LEGAL AND AUDIT** **\$7,500**

This represents legal consultant fees and audit. Note that the BDWMO performed a complete audit in 2025 on year 2024; a complete audit will not be required in 2026.

**5. ADMINISTRATIVE SERVICES** **\$26,000**

This represents charges from the City of Burnsville for providing administrative services to the Commission. It includes the Administrator’s time, secretarial time, and accounting staff time (including preparing the annual finance statement in years when an audit not required), as well as postage and printing.

**6. PUBLIC EDUCATION** **\$40,410**

(A) Watershed Annual Report (Newsletter) \$6,000

Funds to prepare draft and final versions of annual report/newsletter, and to produce annual report/newsletter. Electronic distribution only of draft and final report.

(B) Dakota County SWCD Landscaping for Clean Water Workshop Support \$13,000

Funds to partner with the Dakota County SWCD to conduct Landscaping for Clean Water workshops. The workshops include three programs—an Introduction to Clean Water Class, Design Course, and Maintenance Workshop. Funds support online registration, partner coordination, presentation creation and updates, creation of education and outreach materials, participant tracking, and one-on-one design assistance. Programs are expected to be offered in person in 2025 although some classes may be virtual.

(C) Dakota County SWCD Lawns Reimagined Presentation Support \$3,000

**Black Dog Watershed Management Organization**  
**2027 *DRAFT* Budget**

Funds to partner with the Dakota County SWCD to conduct one Lawns Reimagined presentation. Funds support online registration, partner coordination, presentation creation and updates, creation of education and outreach materials, participant tracking, and design assistance.

(D) Chloride Reduction Outreach \$1,090  
 Funds paid to Dakota County SWCD to support 2027 Winter Salt week programming.

(E) Maintain Web Site \$12,320  
 Funds paid to Dakota County SWCD to maintain and update the BDWMO web site.

(F) Annual Activity Report (to BWSR) \$5,000  
 Funds for engineering consultant to prepare a draft and final annual activity report (submitted to BWSR) documenting activities performed in 2025. This includes tracking progress towards Plan goals based on work completed in 2024. This work includes coordination with BDWMO administrator and updating water quality summaries in the appendices.

**7. WATER QUALITY MONITORING \$6,000**

(A) Metropolitan Council Lake Monitoring (CAMP) \$4,000  
 Black Dog WMO payment for local communities to enroll all strategic water bodies in the Metropolitan Council’s Citizen Assisted (lake) Monitoring Program (CAMP) - 5 sites @ \$800. The strategic water bodies are Crystal Lake, Keller Lake, Kingsley Lake, Lac Lavon, and Orchard Lake.

(B) Update Trend Analysis on Strategic Water Bodies \$2,000  
 Funding for engineering consultant to analyze 2023 data, coordinate with Metropolitan Council regarding CAMP data, and update tables and figures for inclusion in watershed annual report, annual activity report and water quality monitoring report.

**8. CONFERENCE/ PUBLICATIONS \$500**

Funds allocated to reimburse Commissioners for training, education, etc.

**9. CONTINGENCY \$5,000**

These funds are not allocated to a particular project and can be used for unexpected expenses and/or new program opportunities that may come up during the course of the year which the WMO wishes to pursue.

<b>TOTAL EXPENSES</b>	<b>\$164,010</b>
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**REVENUES**

**INTEREST \$15,000**

**MEMBER CONTRIBUTIONS \$100,000**

**MEMBER CONTRIBUTIONS - GENERAL FUND RESERVE \$12,500**

**Black Dog Watershed Management Organization**  
**2027 *DRAFT* Budget**

<b>GRANTS</b>	<b>\$0</b>
<b>TOTAL REVENUES</b>	<b>\$127,500</b>

*Anticipated Fund Balance at the end of 2026 = \$591,000*

**PLANNED CHANGES IN FUND BALANCE**

<b>1. Capital Improvement Fund</b>	<b>\$12,500</b>
<p>The cities of Apple Valley, Burnsville, and Lakeville pay into this fund (established in 2016). The accrued funds are allocated for the current Keller Lake alum treatment project, and future projects including BDWMO internal load reduction projects stemming from TMDLs for lakes with intercommunity shoreline (Crystal Lake, Keller Lake, and Lac Lavon).</p>	
<b>2. General Fund Reserve</b>	<b>(\$49,010)</b>
<p>Use of fund balance in the general fund.</p>	
<b>TOTAL PLANNED INCREASE IN (USE OF) FUND BALANCE</b>	<b>(\$36,510)</b>

**2027 DRAFT Dakota County SWCD Work Plan and Budget for the  
Black Dog Watershed Management Organization**

Task	Calculation			Sub-total
	Hours	Rate	Fees	
<b>Education and Outreach</b>				
<b>BDWMO Website Hosting and Maintenance</b>	40	\$105.00	\$8,120.00	\$12,320.00
Host and maintain a website, as required by BWSR, with meeting information, plans, reports, grants and other information. Manage consultant to update website for new ADA accessibility compliance requirements.		Fee is for web hosting		
<b>Contract with 144 Design for ADA website accessibility compliance.</b>		Fee is \$7,000 for BDWMO site		
<b>Lawns Re-Imagined</b>			\$3,000.00	\$3,000.00
Provide a Lawns Reimagined presentation, access to program materials, and all back-end coordination. <i>(Includes online registration, partner coordination, presentation creation and updates, creation of education and outreach materials, participant tracking.)</i>		Lawns Reimagined Class= \$3,000		
<b>Chloride Reduction Outreach</b>	8	\$105.00	\$250.00	\$1,090.00
Provide outreach materials to Dakota County Library (Burnhaven) for Winter Salt Week, coordinate with Library staff.		\$250 per library		
<b>Landscaping for Clean Water</b>			\$13,000.00	\$13,000.00
Provide access to the Landscaping for Clean Water Introduction Class Materials, Design Course Materials, Shoreline Class, and Maintenance Workshop for both In person and Virtual Class Options <i>(Includes online registration, partner coordination, presentation creation and updates, creation of education and outreach materials, participant tracking, one-on-one design assistance.)</i>		Introduction Classes= \$3,000 Design Courses= \$6,000 Maintenance Class= \$2,000 Shoreline Workshop= \$2,000		
<b>Education and Outreach Total</b>				<b>\$29,410.00</b>

Technical Assistance	Hours	Rate	Fees	Sub-total
<b>Lawns Re-Imagined</b>			\$3,600.00	\$3,600.00
Technical assistance to homeowners participating in the Lawns Re-Imagined Program.		\$600 times 6 projects		
<b>Landscaping for Clean Water - Project Installations</b>			\$6,600.00	\$6,600.00
Technical assistance to homeowners including layout, mid-point and final inspections for raingardens, native plantings and shoreline stabilizations.		\$600 times 12 projects		
<b>Technical Assistance Total</b>				<b>\$10,200.00</b>

**2027 DRAFT Dakota County SWCD Work Plan and Budget for the  
Black Dog Watershed Management Organization**

Cost Share	Fees	
<b>Landscaping for Clean Water - Landowner Grants</b>	\$4,800.00	\$4,800.00
Provide cost share to landowners for projects including raingardens, native plantings and shoreline stabilization projects consistent with SWCD cost share policies.	\$400 times 12 projects	
	<b>Cost Share Total</b>	<b>\$4,800.00</b>

<b>Total Agreement Not-to Exceed</b>	<b>\$44,410.00</b>
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Note: Additional items may be required of the SWCD during the workplan timeframe and individual budget amounts may change as work progresses. If proposed changes are to exceed the total agreed amount, this work plan will then be amended and re-executed by the BDWMO and SWCD.