

# **Black Dog Watershed Management Commission**

## **AGENDA Wednesday, March 16, 2022 5:00 P.M.**

### **COMMISSIONERS:**

Curt Enestvedt, Chairperson  
Mike Hughes, Vice-Chairperson  
Scott Thureen, Secretary/Treasurer  
Tom Harmening  
Rollie Greeno  
Frank Boyce, Alternate  
Greg Helms, Alternate  
Natalie Walker, Alternate

- I. Approval of Agenda
- II. Approval of Minutes – February 16, 2022
- III. Approval of Accounts Payable
- IV. Review Budget Performance Reports
- V. Review Draft 2021 Annual Watershed Report
- VI. Revisit Quantitative Water Quality and Habitat Goals for the Plan Update
- VII. Discuss Informal Plan Review Options
- VIII. Approval of 2021 Annual Financial Statement
- IX. Miscellaneous
- X. 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

March 16, 2022

I. Approval of Agenda

Agenda enclosed.

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

II. Approval of Minutes from the February 16, 2022 Meeting

Minutes enclosed.

**Action Requested:** A motion be considered to approve the Minutes from the February 16, 2022 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. Review Draft 2021 Annual Watershed Report

Enclosed in the packet is a copy of the draft 2021 Annual Watershed Report. Barr staff will over the report at the meeting and gather comments from staff and Commissioners.

**Action requested:** Consider a motion approving the 2021 Annual Watershed Report with any approved changes discussed at the meeting.

VI. Revisit Quantitative Water Quality and Habitat Goals for the Plan Update

Enclosed in the packet is a memo related to habitat and water quality goals. Barr staff will go over the memo in the meeting.

**Action Requested:** Consider a motion approving the water quality and habitat goals for the plan update with any changes approved at the meeting.

VII. Discuss Informal Watershed Plan Review Option

Including in the packet is a memo from Barr Engineering discussing the informal plan review. Barr staff will review this memo with Commissioners at the meeting

**Action Requested:** Approve entities to receive the plan for internal review.

VIII. Approve 2021 Annual Financial Statement

All 2021 revenues and expenses have been recorded and included in the 2021 year end financial statement. That statement is in the packet for review.

**Action Requested:** Approve the 2021 year end financials to be included in our annual report to the Board of Soil and Water Resources.

IX. Miscellaneous

**DRAFT**

**Meeting Minutes  
February 16, 2022**

**MEMBERS PRESENT**

Curt Enestvedt, Chair  
Mike Hughes, Vice Chair  
Scott Thureen, Secretary/Treasurer  
Rollie Greeno

**MEMBERS ABSENT**

Tom Harmening  
Greg Helms, Alternate  
Frank Boyce, Alternate  
Natalie Walker, Alternate

**OTHERS PRESENT**

Karen Chandler – Barr Engineering  
Joel Jamnik – Campbell Knutson  
Samantha Berger – City of Apple Valley  
Ann Messerschmidt – City of Lakeville  
Curt Coudron – Dakota County Soil and Water Conservation District  
Daryl Jacobson – BDWMO Administrator  
Tammi Carte – BDWMO Secretary

Curt Enestvedt, Chair, called the February 16, 2022 meeting to order at 5:00pm.

I. Approval of Agenda

**Motion by** Thureen, second by Hughes, to approve the February 16, 2022 Agenda as presented.

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

**Motion Carried Unanimously**

II. Approval of Minutes from the January 19, 2022 Meeting

**Motion by** Hughes, second by Greeno, to approve the January 19, 2022 Minutes as presented.

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

**Motion Carried Unanimously**

### III. Approval of Accounts Payable

**Motion by** Hughes, second by Thureen, to approve accounts payable to Barr Engineering in the amount of \$11,132.63 for services from January 1, 2022 through January 31, 2022; and, to Campbell Knutson in the amount of \$221.00 for December 2021 general services; and, to City of Burnsville in the amount of \$24,302.86 for 2021 support services; and, to Dakota County Soil & Water Conservation District in the amount of \$1,280.00 for services from October 2021 through December 2021.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

### **Motion Carried Unanimously**

### IV. Review Budget Performance Reports

Daryl Jacobson, BDWMO Administrator, shared the final alum treatment grant payment has been received. All 2021 account receivables and payables have been made. The final 2021 Financial Statement will be reviewed at the March meeting.

### **No Formal Action Required**

### V. Approve 2022 Lakes for Met Council CAMP Monitoring Program

Staff proposes that the BDWMO sponsor monitoring at the five strategic water bodies identified in the Watershed Plan. This approach is consistent with what has occurred in past years. Staff recommends the Commission approve enrolling Crystal Lake, Keller Lake, Kingsley Lake, Orchard Lake, and Lac Lavon in the 2022 CAMP.

**Motion by** Greeno, second by Hughes, to approve enrollment of Crystal Lake, Keller Lake, Kingsley Lake, Orchard Lake, and Lac Lavon in 2022 CAMP.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

### VI. Approve Engineering Services for Two Years

The Black Dog WMO JPA requires that the Commission solicit for engineering services for every two years. A notice was placed in the newspaper for engineering services and one letter of interest was received from Barr Engineering. The letter of interest was provided to the Commission for review prior to tonight's meeting.

**Motion by** Thureen, second by Hughes, to approve Barr Engineering to provide engineering services for 2022 and 2023.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

### VII. Approve Legal Services for Two Years

The Black Dog WMO JPA requires that the Commission solicit for legal services for every two years. A notice was placed in the newspaper for legal services and one letter of interest was received from

Campbell Knutson. The letter of interest was provided to the Commission for review prior to tonight's meeting.

**Motion by** Thureen, second by Hughes, to approve Campbell Knutson to provide legal services for 2022 and 2023.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

**VIII. Approve 2022 Joint Powers Agreement with Dakota County SWCD**

The Joint Powers Agreement with the SWCD was reviewed by Black Dog WMO attorney. The 2022 SWCD work plan and budget were previously approved by the Commission.

**Motion by** Greeno, second by Hughes, to approve the Joint Powers Agreement with Dakota County SWCD for 2022.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

**Motion Carried Unanimously**

**IX. Review Draft Implementation Schedule for 2023-2032 Black Dog Plan Update**

Barr Engineering met with member city staff to get feedback on the implementation table. A draft of the table was provided to the Commission for review prior to tonight's meeting.

Karen Chandler, Barr Engineering, reviewed the content of the tables with the Commission. Apple Valley suggested using a broader, more inclusive, property term in Activity ID PP-3 under Watershed-wide projects/programs.

There will be a meeting with the Technical Advisory Committee (TAC) early March to discuss the implementation table. The current completion schedule is to review the proposed plan with the Commission at the April meeting. The final draft should be presented to the Commission for approval and submission at the May meeting.

**No Formal Action Required**

**X. Appoint a Representative for Watershed Based Funding**

Per Board of Soil and Water Resources (BSWR) guidance the Black Dog WMO is allowed one voting member on the watershed-based funding panel. The panel is made up of a representative from the WMO, Dakota County SWCD, Dakota County, and representatives from two different cities. Staff recommends the Commission Administrator be appointed as the voting member for the Black Dog WMO.

BSWR is the guiding agency for this panel. Black Dog will receive \$75,000 from the fund. There will be five voting members on the panel. The two city representatives are Samantha Berger, City of Apple Valley, and Ann Messerschmidt, City of Lakeville.

**Motion by** Hughes, second by Greeno, to appoint the Commission Administrator as the WMO representative for the Watershed Based Funding panel.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

**Motion Carried Unanimously**

XI. Miscellaneous

1. The next Black Dog meeting is scheduled for March 16, 2022.

XII. Adjournment

**Motion by** Thureen, second by Hughes, to adjourn at 5:38pm.

Ayes – Enestvedt, Greeno, Hughes, Thureen

Nays – None

**Motion Carried Unanimously**



**Accounts Payable - March 16, 2022 Meeting**

**Barr Engineering** - Services from January 29, 2022 through, February 25, 2022

Engineering	\$	2,923.71
Special Projects General Fund - Reporting on Crystal Lk 2021 Water Qual Mon	\$	1,300.00
Special Projects General Fund Reserve - Watershed Management Update	\$	7,394.50
Water Quality Monitoring - Reporting on 2021 Kingsley Lake Habitat Monitoring	\$	4,103.50
Water Quality Monitoring - Update Trend Analyses	\$	845.00
Public Education - Watershed Annual Report	\$	1,696.50
	\$	<u>18,263.21</u>

**Campbell Knutson**

General Services - January 2022	\$	371.25
General Services - February 2022	\$	<u>295.43</u>
	\$	<u>666.68</u>

**Accounts Payable Total \$ 18,929.89**



resourceful. naturally.  
engineering and environmental consultants



March 8, 2022

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

Attn: Mr. Daryl Jacobson

**RE: Engineering & Environmental Consulting Services**

**Invoice of Account with  
BARR ENGINEERING COMPANY**

For professional services during the period of January 29, 2022 through February 25, 2022

<b>TOTAL PAYABLE THIS INVOICE:</b>	<b>\$ 18,263.21</b>
<b>Allocation:</b>	
Engineering	\$ 2,923.71
Special Projects: General Fund	
• Reporting on Crystal Lk 2021 Water Qual Mon	\$ 1,300.00
Special Projects: General Fund Reserve	
• Watershed Management Update	\$ 7,394.50
Water Quality Monitoring	
• Reporting on 2021 Kingsley Lake Habitat Mon	\$ 4,103.50
• Update Trend Analyses	\$ 845.00
Public Education	
• Watershed Annual Report	\$ 1,696.50

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

OK  
Daryl Jacobson  
3-8-22

*Karen L. Chandler*

Karen L. Chandler  
Vice President

BUDGET SUMMARY - 2022 FY  
Black Dog Watershed Management Commission  
through February 25, 2022

Work Description	Pre-2022 Costs	2022 Barr Budget	Current Invoice	Spent This Year	Balance
Engineering	-----	31,000.00	2,923.71	5,080.34	25,919.66
Special Projects: General Fund					
<i>Reporting on Crystal Lk 2021 Water Quality Monitoring</i>	-----	4,600.00	1,300.00	1,463.00	3,137.00
<i>Lac Lavon 2022 Management Level Monitoring</i>		22,500.00	0.00	0.00	22,500.00
Subtotal -- Special Projects: General Fund	-----	27,100.00	1,300.00	1,463.00	25,637.00
Special Projects: General Fund Reserve					
<i>Watershed Management Plan Update</i> <sup>1</sup>	41,159.50	40,000.00	7,394.50	15,359.50	24,640.50
Subtotal -- Special Projects: General Fund Reserve	-----	40,000.00	7,394.50	15,359.50	24,640.50
Water Quality Monitoring					
<i>Reporting on 2021 Kingsley Lake Habitat Monitoring</i>	-----	9,200.00	4,103.50	4,223.50	4,976.50
<i>2022 Orchard Lake Habitat Monitoring</i>		2,200.00	0.00	72.50	2,127.50
<i>Update Trend Analyses</i>	-----	2,000.00	845.00	845.00	1,155.00
Subtotal -- W.Q. Monitoring	-----	13,400.00	4,948.50	5,141.00	8,259.00
Public Education					
<i>Watershed Annual Report</i>	-----	4,300.00	1,696.50	2,352.00	1,948.00
<i>Annual Activity Report (BWSR)</i>	-----	2,000.00	0.00	0.00	2,000.00
Subtotal -- Public Education	-----	6,300.00	1,696.50	2,352.00	3,948.00
Total Services	-----	117,800.00	18,263.21	29,395.84	88,404.16

Notes:

<sup>1</sup> Plan Update budget=\$98,200 (\$97,000 authorized at 11/18/2020 meeting, additional \$1,200 authorized at 1/20/2021 meeting), including \$10,000 budgeted in 2020



# INVOICE

Barr Engineering Co.  
4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
Phone: 952-832-2600; Fax: 952-832-2601  
FEIN #: 41-0905995 Inc: 1966

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

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

March 8, 2022  
Invoice No: 23190374.22 - 2

Total this Invoice	\$4,620.21
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## Regarding: BDWMO 2022 Engineering Services

### Professional Services from January 29, 2022 to February 25, 2022

Job:	2022	Engineering Services
Task:	001	Attend BDWMO Meetings

#### Labor Charges

	Hours	Rate	Amount
Vice President			
Chandler, Karen	1.90	190.00	361.00
	1.90		361.00
<b>Subtotal Labor</b>			<b>361.00</b>

#### Expense Charges

Travel			
2/16/2022 Chandler, Karen Mileage			15.21
<b>Subtotal Expenses</b>			<b>15.21</b>
<b>Task Subtotal</b>			<b>\$376.21</b>

Task:	002	Miscellaneous Consulting
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#### Labor Charges

	Hours	Rate	Amount
Vice President			
Chandler, Karen	11.90	190.00	2,261.00
Engineer / Scientist / Specialist III			
Olson, Terri	.30	155.00	46.50
Williams, Sterling	.50	155.00	77.50
Support Personnel II			
Nypan, Nyssa	.50	105.00	52.50
Pinter, Laura	1.00	110.00	110.00
	14.20		2,547.50
<b>Subtotal Labor</b>			<b>2,547.50</b>

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

**Task Subtotal** **\$2,547.50**

Task: 004 Newsletter/Watershed Report

**Labor Charges**

	Hours	Rate	Amount	
Vice President				
Chandler, Karen	3.00	190.00	570.00	
Engineer / Scientist / Specialist IV				
Wilson, Gregory	1.50	180.00	270.00	
Engineer / Scientist / Specialist III				
Williams, Sterling	.50	155.00	77.50	
Support Personnel I				
Kaul (Contracted), Karen	8.20	95.00	779.00	
	13.20		1,696.50	
<b>Subtotal Labor</b>				<b>1,696.50</b>
		<b>Task Subtotal</b>		<b>\$1,696.50</b>
		<b>Job Subtotal</b>		<b>\$4,620.21</b>
		<b>Total this Invoice</b>		<b>\$4,620.21</b>

	Current	Prior	Total	Received	A/R Balance
<b>Invoiced to Date</b>	<b>4,620.21</b>	<b>2,812.13</b>	<b>7,432.34</b>	<b>2,812.13</b>	<b>4,620.21</b>

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Karen Chandler, your Barr project manager, at (952) 832-2813 or email at [kchandler@barr.com](mailto:kchandler@barr.com).





# INVOICE

Barr Engineering Co.  
4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
Phone: 952-832-2600; Fax: 952-832-2601  
FEIN #: 41-0905995 Inc: 1966

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

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

March 8, 2022

Invoice No: 23190375.22 - 2

<b>Total this Invoice</b>	<b>\$1,300.00</b>
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**Regarding: 2022 BDWMO Management Level Water Quality Monitoring**

**Professional Services from January 29, 2022 to February 25, 2022**

Job:	CRY	Crystal Lk 2021 Reporting
Task:	100	Letter Report

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist II				
Menken, Kevin	10.00	130.00	1,300.00	
	10.00		1,300.00	
<b>Subtotal Labor</b>				<b>1,300.00</b>
		<b>Task Subtotal</b>		<b>\$1,300.00</b>
		<b>Job Subtotal</b>		<b>\$1,300.00</b>
		<b>Total this Invoice</b>		<b>\$1,300.00</b>

	Current	Prior	Total	Received	A/R Balance
<b>Invoiced to Date</b>	<b>1,300.00</b>	<b>163.00</b>	<b>1,463.00</b>	<b>163.00</b>	<b>1,300.00</b>

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Kevin Menken, your Barr project manager, at (952) 832-2794 or email at [kmenken@barr.com](mailto:kmenken@barr.com).



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4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
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**St Paul, MN 55164-0825**

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

March 8, 2022

Invoice No: 23190375.99 - 7

<b>Total this Invoice</b>	<b>\$845.00</b>
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**Regarding: Trend Analysis**

**Professional Services from January 29, 2022 to February 25, 2022**

Job:	2022	2021 Data
Task:	100	Trend Analysis 2021 Data

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist II				
Menken, Kevin	6.50	130.00	845.00	
	6.50		845.00	
<b>Subtotal Labor</b>				<b>845.00</b>
		<b>Task Subtotal</b>		<b>\$845.00</b>
		<b>Job Subtotal</b>		<b>\$845.00</b>
		<b>Total this Invoice</b>		<b>\$845.00</b>

	Current	Prior	Total	Received	A/R Balance
<b>Invoiced to Date</b>	<b>845.00</b>	<b>3,620.00</b>	<b>4,465.00</b>	<b>3,620.00</b>	<b>845.00</b>

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Greg Wilson, your Barr project manager, at (952) 832-2672 or email at [gwilson@barr.com](mailto:gwilson@barr.com).



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4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
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FEIN #: 41-0905995 Inc: 1966

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**St Paul, MN 55164-0825**

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

March 8, 2022

Invoice No: 23190457.22 - 2

<b>Total this Invoice</b>	<b>\$4,103.50</b>
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**Regarding: BDWMO Habitat Monitoring**

**Professional Services from January 29, 2022 to February 25, 2022**

Job:	KING	Kingsley Lake 2021 Reporting
Task:	001	Analysis, Report & Presentation

**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Wold, Karen	28.30	145.00	4,103.50	
	28.30		4,103.50	
<b>Subtotal Labor</b>				<b>4,103.50</b>
		<b>Task Subtotal</b>		<b>\$4,103.50</b>
		<b>Job Subtotal</b>		<b>\$4,103.50</b>
		<b>Total this Invoice</b>		<b>\$4,103.50</b>

	Current	Prior	Total	Received	A/R Balance
<b>Invoiced to Date</b>	<b>4,103.50</b>	<b>192.50</b>	<b>4,296.00</b>	<b>192.50</b>	<b>4,103.50</b>

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Karen Wold, your Barr project manager, at (952) 832-2707 or email at [kwold@barr.com](mailto:kwold@barr.com).



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**St Paul, MN 55164-0825**

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

March 8, 2022

Invoice No: 23191455.00 - 15

<b>Total this Invoice</b>	<b>\$7,394.50</b>
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**Regarding: BDWMO 2022 Watershed Management Plan**

**Professional Services from January 29, 2022 to February 25, 2022**

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Job:	100	Stakeholder Engagement
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Task:	004	TAC meetings
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**Labor Charges**

	Hours	Rate	Amount	
Vice President				
Chandler, Karen	1.80	190.00	342.00	
Engineer / Scientist / Specialist III				
Williams, Sterling	3.50	155.00	542.50	
	5.30		884.50	
<b>Subtotal Labor</b>				<b>884.50</b>
		<b>Task Subtotal</b>		<b>\$884.50</b>
		<b>Job Subtotal</b>		<b>\$884.50</b>

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Job:	200	Draft Plan Development
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Task:	001	Physical Environment Inventory
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**Labor Charges**

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	1.00	155.00	155.00	
	1.00		155.00	
<b>Subtotal Labor</b>				<b>155.00</b>
		<b>Task Subtotal</b>		<b>\$155.00</b>

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Task:	002	Issues and Goals
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Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.



### Labor Charges

	Hours	Rate	Amount	
Vice President				
Chandler, Karen	4.40	190.00	836.00	
Engineer / Scientist / Specialist III				
Rattei, Margaret	1.10	150.00	165.00	
	5.50		1,001.00	
<b>Subtotal Labor</b>				<b>1,001.00</b>
			<b>Task Subtotal</b>	<b>\$1,001.00</b>

Task: 003 Policy and Standard Revisions

### Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	5.30	155.00	821.50	
	5.30		821.50	
<b>Subtotal Labor</b>				<b>821.50</b>
			<b>Task Subtotal</b>	<b>\$821.50</b>

Task: 004 Targeted Implementation

### Labor Charges

	Hours	Rate	Amount	
Vice President				
Chandler, Karen	5.50	190.00	1,045.00	
Engineer / Scientist / Specialist III				
Williams, Sterling	22.50	155.00	3,487.50	
	28.00		4,532.50	
<b>Subtotal Labor</b>				<b>4,532.50</b>
			<b>Task Subtotal</b>	<b>\$4,532.50</b>
			<b>Job Subtotal</b>	<b>\$6,510.00</b>
			<b>Total this Invoice</b>	<b>\$7,394.50</b>

	Current	Prior	Total	Received	A/R Balance
<b>Invoiced to Date</b>	<b>7,394.50</b>	<b>39,153.50</b>	<b>46,548.00</b>	<b>39,153.50</b>	<b>7,394.50</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).

**CAMPBELL KNUTSON**  
**Professional Association**  
**Attorneys at Law**  
**Federal Tax I.D. #41-1562130**  
**Grand Oak Office Center I**  
**860 Blue Gentian Road, Suite 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  
January 31, 2022  
Account # 602-0000G  
371

RE: GENERAL SERVICES  
RENDERED TO DATE:

			HOURS	
01/18/2022	JJJ	Review Board meeting agenda.	0.30	52.50
01/19/2022	JJJ	Attend Board meeting.	1.00	175.00
01/20/2022	JMO	Review file; prepare updated Public Notice for legal and engineer services for attorney review.	0.30	30.00
01/21/2022	JMO	Email Daryl J. the Public Notice; review email from Daryl; email document to legal newspaper for publication.	0.40	40.00
	JJJ	Emails Daryl, follow-ups re: public notice, schedule/timing.	0.30	52.50
		AMOUNT DUE	2.30	350.00
01/31/2022		ECM Publishers, Inc. - publication fees - Legal and Engineering Services.		21.25
		TOTAL DISBURSEMENTS		21.25
		TOTAL CURRENT WORK		371.25
		PREVIOUS BALANCE		\$221.00
		TOTAL AMOUNT DUE		<u>\$592.25</u>

 3-9-22

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.

**CAMPBELL KNUTSON**  
**Professional Association**  
**Attorneys at Law**  
**Federal Tax I.D. #41-1562130**  
**Grand Oak Office Center I**  
**860 Blue Gentian Road, Suite 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  
 February 28, 2022  
 Account # 602-0000G  
 372

RE: GENERAL SERVICES  
 RENDERED TO DATE:

			HOURS	
02/07/2022	JMO	Email from/to Daryl Jacobson; letter to Daryl returning original Affidavit of Publication.	0.30	30.00
	JJJ	Review agenda notice, emails Daryl re: publication for RFP, response.	0.30	52.50
02/16/2022	JJJ	Attend Board meeting.	1.00	175.00
02/17/2022	JJJ	Review Board meeting.	0.20	35.00
		AMOUNT DUE	1.80	292.50
02/07/2022		Postage expense.		0.53
02/07/2022		Photocopy expense.		1.60
02/08/2022		Photocopy expense.		0.80
		TOTAL DISBURSEMENTS		2.93
		TOTAL CURRENT WORK		295.43
		PREVIOUS BALANCE		\$592.25
03/02/2022		Payment - thank you		-221.00
		TOTAL AMOUNT DUE		<u>\$666.68</u>

OK  
 Daryl Jacobson  
 3-8-22

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.

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2022**

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	Contingency
Balance as of 12/31/21						456,991.62											
19-Jan		Barr Engineering Co (2021)		1774	9,154.44		4,758.94	1,406.00	-	2,989.50					-		
19-Jan		Met Council - Environ Services (2021)		1775	3,800.00										3,800.00		
20-Jan		State of MN Grant (2021) - Cap	65,926.24														
31-Jan		Interest Income	4.16														
<b>01/31/20 Balance</b>			65,930.40		12,954.44	<b>509,967.58</b>	4,758.94	1,406.00	-	2,989.50	-	-	-	-	3,800.00	-	-
16-Feb		Barr Engineering Co		1776	11,132.63		2,156.63	163.00	-	7,965.00				655.50	192.50		
16-Feb		Campbell Knutson (2021)		1777	221.00							221.00					
16-Feb		City of Burnsville (2021)		1778	24,302.86								24,302.86				
16-Feb		Dakota County Soil & Water (2021)		1779	1,280.00			-	-	-				1,280.00			
28-Feb		Interest Income	3.95														
<b>02/28/20 Balance</b>			3.95		36,936.49	<b>473,035.04</b>	2,156.63	163.00	-	7,965.00	-	221.00	24,302.86	1,935.50	192.50	-	-
<b>Total Revenue</b>			65,934.35	<b>Total Expense</b>		49,890.93	6,915.57	1,569.00	-	10,954.50	-	221.00	24,302.86	1,935.50	3,992.50	-	-
<b>Less: 2021 A/R</b>			(65,926.24)	<b>Less: 2021 A/P</b>		(38,758.30)	(4,758.94)	(1,406.00)	-	(2,989.50)	-	(221.00)	(24,302.86)	(1,280.00)	(3,800.00)	-	-
December LMC insurance reclass			-			-											
<b>Total YTD 2022 Revenue</b>			8.11	<b>Total YTD 2022 Exp</b>		11,132.63	2,156.63	163.00	-	7,965.00	-	-	-	655.50	192.50	-	-
					<b>2022 Budget</b>	186,750.00	31,000.00	40,600.00	5,000.00	40,000.00	3,000.00	5,500.00	19,000.00	20,050.00	17,100.00	500.00	5,000.00
					<b>Budget Remaining</b>	175,617.00	28,843.00	40,437.00	5,000.00	32,035.00	3,000.00	5,500.00	19,000.00	19,394.50	16,907.50	500.00	5,000.00

# BLACK DOG WATER MANAGEMENT COMMISSION

## Budget Performance Report February 28, 2022

	CURRENT MONTH	YEAR TO DATE			
	ACTUAL	GENERAL FUND BUDGET	CAPITAL IMPROVEMENT FUND BUDGET	ACTUAL	VARIANCE FAVORABLE (UNFAVORABLE)
<b>Opening Fund Balance</b>		\$ 402,670	\$ 81,489	\$ 484,160	
<b>REVENUES :</b>					
<b>Member Contributions:</b>					
City of Apple Valley	\$ -	\$ 10,399	\$ 1,742	\$ -	\$ (12,141)
City of Burnsville	-	94,104	16,193	-	(110,297)
City of Eagan	-	575	-	-	(575)
City of Lakeville	-	25,922	4,065	-	(29,987)
Total Member Contributions	-	131,000	22,000	-	(153,000)
<b>Other Revenues:</b>					
Interest	\$ 4	\$ 40	\$ -	\$ 8	\$ (32)
Grant (State of MN BWSR)	-	-	-	-	-
Total Other Revenue	4	40	-	8	(32)
<b>Total Revenues</b>	<b>\$ 4</b>	<b>\$ 131,040</b>	<b>\$ 22,000</b>	<b>\$ 8</b>	<b>\$ (153,032)</b>
<b>EXPENDITURES :</b>					
General Engineering Support	\$ 2,157	\$ 31,000	\$ -	\$ 2,157	\$ 28,843
Special Projects - General Fund	163	40,600	-	163	40,437
Special Projects - Capital Improvement Fund	-	-	5,000	-	5,000
Special Projects - General Fund Reserve	7,965	40,000	-	7,965	32,035
Insurance	-	3,000	-	-	3,000
Legal and Audit	-	5,500	-	-	5,500
Administrative Support	-	19,000	-	-	19,000
Public Education	656	20,050	-	656	19,395
Water Quality Monitoring	193	17,100	-	193	16,908
Conference/Publications	-	500	-	-	500
Contingency	-	5,000	-	-	5,000
<b>Total Expenditures</b>	<b>11,133</b>	<b>181,750</b>	<b>5,000</b>	<b>11,133</b>	<b>175,617</b>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	(11,129)	(50,710)	17,000	(11,125)	
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES PLUS OPENING FUND BALANCE				473,035	
TOTAL CASH AVAILABLE 2/28/2022	473,035				
<b>Fund Balance 2/28/2022</b>	<b>\$ 473,035</b>				

# BLACK DOG WATER MANAGEMENT COMMISSION

## Budget Performance Report

December 31, 2021

(as of February 28, 2022)

	CURRENT MONTH	YEAR TO DATE			
	ACTUAL	GENERAL FUND BUDGET	CAPITAL IMPROVEMENT FUND BUDGET	ACTUAL	VARIANCE FAVORABLE (UNFAVORABLE)
<b>Opening Fund Balance</b>		\$ 421,605	\$ 122,135	\$ 543,739	
<b>REVENUES :</b>					
<b>Member Contributions:</b>					
City of Apple Valley	\$ -	\$ 10,489	\$ 1,773	\$ 12,262	\$ -
City of Burnsville	-	93,924	16,133	110,057	-
City of Eagan	-	580	-	580	-
City of Lakeville	-	26,007	4,094	30,101	-
Total Member Contributions	-	131,000	22,000	153,000	-
<b>Other Revenues:</b>					
Interest	\$ -	\$ 40	\$ -	\$ 65	\$ 25
Grant (State of MN BWSR)	-	-	-	65,926	65,926
Total Other Revenue	-	40	-	65,991	65,951
<b>Total Revenues</b>	\$ -	\$ 131,040	\$ 22,000	\$ 218,991	\$ 65,951
<b>EXPENDITURES :</b>					
General Engineering Support	\$ -	\$ 31,000	\$ -	\$ 26,663	\$ 4,337
Special Projects - General Fund	-	36,800	-	25,887	10,913
Special Projects - Capital Improvement Fund	-	-	10,000	128,572	(118,572)
Special Projects - General Fund Reserve	-	70,000	-	30,255	39,746
Insurance	-	3,000	-	1,407	1,593
Legal and Audit	221	5,000	-	2,584	2,416
Administrative Support	24,303	18,000	-	24,303	(6,303)
Public Education	1,280	18,100	-	21,421	(3,321)
Water Quality Monitoring	-	17,100	-	17,480	(380)
Conference/Publications	-	500	-	-	500
Contingency	-	5,000	-	-	5,000
<b>Total Expenditures</b>	25,804	204,500	10,000	278,571	(64,071)
<b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES</b>	(25,804)	(73,460)	12,000	(59,580)	
<b>EXCESS OF REVENUES OVER (UNDER) EXPENDITURES PLUS OPENING FUND BALANCE</b>				<u>484,160</u>	
<b>TOTAL CASH AVAILABLE 12/31/2021</b>	456,992				
<b>Fund Balance 2/28/2022</b>	<u>\$ 484,160</u>				





# Black Dog Watershed Management Organization

DRAFT

## 2021 WATERSHED ANNUAL REPORT

Published April 2022

### Our mission is . . .

*To provide leadership in the management and stewardship of the water resources in northwestern Dakota County, Minnesota, through the cooperation of four cities and the involvement of local stakeholders.*

### Evaluating our Success

The BDWMO watershed management plan calls for the organization and its member cities to identify outcome-based goals for specific water bodies found within the watershed, and to meet annually to discuss progress toward these goals. The BDWMO uses the following tools to track progress toward goals:

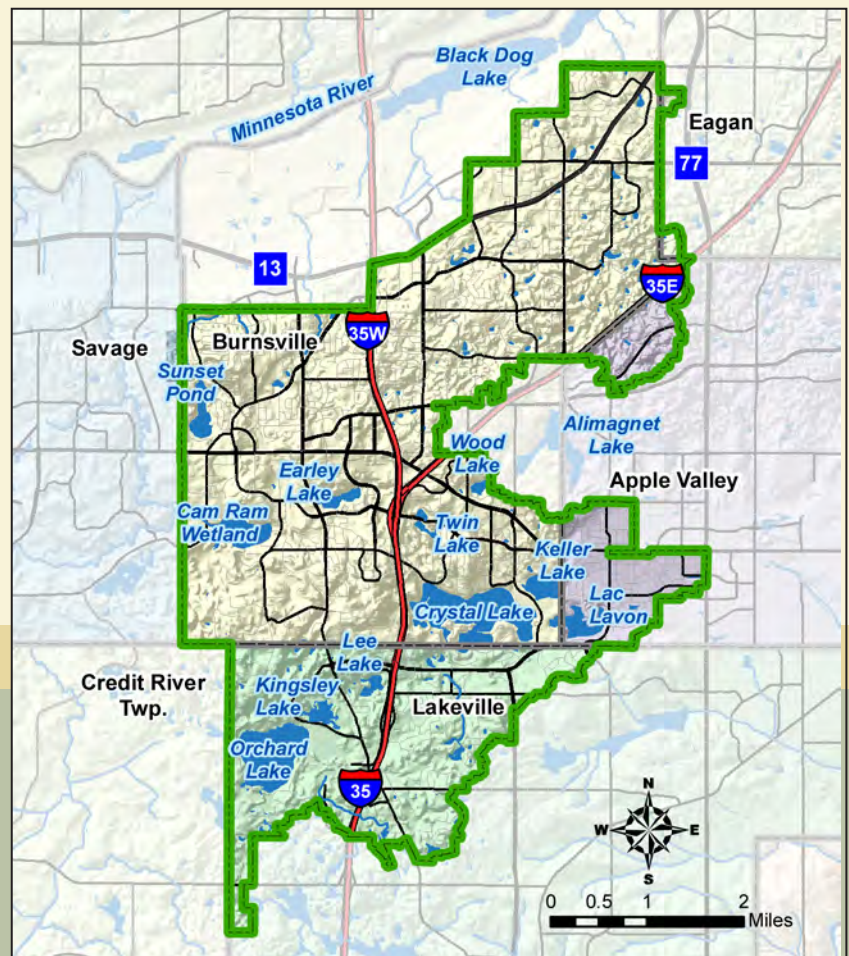
- **Trend Analysis**—The BDWMO collects water quality information to track water quality trends.
- **Performance Analysis**—The BDWMO will evaluate the member cities' implementation of maintenance plans, capital improvement projects, programs, and other items.
- **Habitat Quality Analysis**—The BDWMO collects habitat quality data to detect conditions that would trigger a need for management actions.

This annual report outlines the BDWMO's goals, progress toward those goals in 2021, and plans for 2022 and beyond.

### What is the Black Dog Watershed Management Organization?

The Black Dog Watershed Management Organization (BDWMO) actively manages surface water, such as that found in lakes, streams, and wetlands, located in the Black Dog and Credit River watersheds within Dakota County. To effectively manage surface water, the BDWMO develops and implements plans that address water quality, responds to drainage issues that cross multiple municipal boundaries, and assists cities within the watershed to manage surface water runoff. The BDWMO is represented by commissioners who are appointed by the cities within the watershed, which include Burnsville, Lakeville, Apple Valley, and Eagan.

The total area of the Black Dog watershed is 17,500 acres; 70 percent of the watershed lies within the city of Burnsville, 21 percent of the area is within the city of Lakeville, 8 percent is within the city of Apple Valley, and 1 percent is within the city of Eagan.



### In this Issue

- Watershed Management Plan Update ..... page 2
- Update on Keller Lake Projects ..... page 2
- Landscaping for Clean Water Projects ..... page 3
- Crystal Lake Water Quality ..... page 4
- Monitoring Programs ..... pages 4–5
- 2021 Monitoring Results ..... pages 5–7
- 2022 Income & Expenditures ..... page 8

### Watershed Management Plan Update

The BDWMO is in the process of updating its Watershed Management Plan. The Plan will establish the goals, policies, and activities for managing and protecting the lakes, ponds, creeks, streams, wetlands, drainages, and groundwater in the BDWMO from 2023 through 2032.

State law and rules govern the watershed planning process and require that watershed management plans be updated every 10 years. The BDWMO adopted its current Plan in 2012 and anticipates completing the updated Plan in 2022. The Plan update began with a stakeholder engagement process to collect initial input from cities, residents, and other partners.

The BDWMO commissioners considered stakeholder input and available scientific data as they prioritized resources and issues, revised goals, and updated policies and performance standards through 2021. During this process representatives from the member cities and state, regional, and county agencies provided input through a technical advisory committee (TAC). The TAC will continue to meet in 2022 and provide input as part of the process.

In 2022, the BDWMO commissioners will work with its partners to develop a collaborative implementation schedule that outlines activities planned over the next 10 years. With the implementation schedule defined, the updated draft Plan will be submitted to the Board of Water and Soil Resources and other Plan review authorities for formal 60-day review required per state statute and rule.

### Update on Keller Lake Projects

#### Alum Treatment Complete

In 2019, the BDWMO received a BWSR Clean Water Fund grant for an alum treatment project to improve Keller Lake's water quality. The alum and sodium aluminate treatment was divided into two phases to increase the long-term effectiveness. Phase I occurred in June, 2019, and Phase II was completed in September, 2021 when 37,673 gallons of chemical precipitant were applied to Keller Lake (see page 5 for story on Keller Lake water quality monitoring). It is expected that the in-lake aluminum treatment will reduce the annual average TP (total phosphorus) load to Keller Lake by 80% or 186 lbs/yr. The in-lake aluminum application represents most of the remaining TP load reduction required to ensure that Keller Lake water quality can meet the MPCA's shallow lake standards on a consistent basis.

#### Electrofishing Survey

In 2021, the cities of Burnsville and Apple Valley arranged for a company, Carp Solutions, to conduct an electrofishing survey on Keller Lake. The survey was designed to assess populations of goldfish, which had previously been observed by staff and residents, but also included a general assessment of the overall fish community in the lake. To get a good assessment of the population, three separate days of electrofishing occurred, with timed transects conducted on each visit. This protocol is similar to assessing common carp populations. An average of 12 goldfish were caught per sampling visit. Goldfish averaged 14 inches in length and 2.37 lbs, but one goldfish as large as 5.4 lbs was caught.

Although the goldfish captured were quite large, the study results suggest that the overall population is at a moderate density level, which is likely below the population threshold that would cause significant ecological damage. Furthermore, no smaller goldfish were captured during the survey, indicating that successful recruitment of new goldfish into the population may be rare. The survey found

healthy levels of other native gamefish like largemouth bass and sunfish. These other fish species could then prey on goldfish eggs, larvae, and juveniles—predation that may be holding the goldfish population in check.

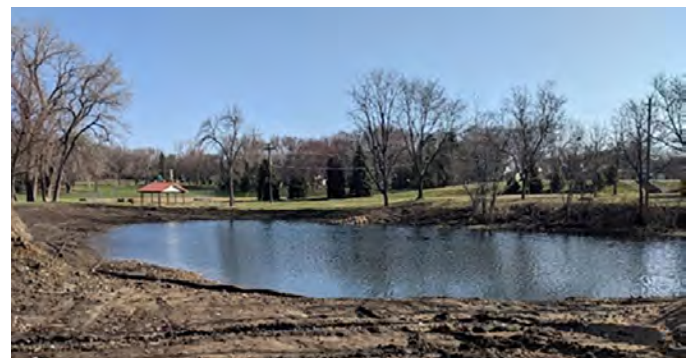
The cities plan to continue periodic fish surveys to assess the health of the overall fish community and any changes or trends in the goldfish population over time.



Photo credit: Caleb Ashling, City of Burnsville

#### Redwood Pond Expansion

A recent pond expansion at Redwood Park in Apple Valley will help improve the water quality at Keller Lake. Keller Lake is impaired for nutrients and the City of Apple Valley and Black Dog WMO have an active shared interest in improving water quality. The City of Apple Valley's project included the expanding the pond, modifying the existing outlet, removing contaminated sediment, and redesigning the existing park trail and features impacted by the pond modifications. Project funding was leveraged by the Clean Water Land and Legacy amendment in partnership with the Black Dog WMO.





### Landscaping for Clean Water—Clean Water Starts at Home

Since most land is privately owned, it is up to each individual landowner to do the right thing on their property to help keep water clean. The Landscaping for Clean Water program makes it easy for residents to turn their yards into a lush and lovely force for clean water rather than a contributor to water pollution.

Are you doing everything possible on your patch of lawn? Attend a Landscaping for Clean Water workshop to find out. Participants in the program attend design workshops to develop landscape plans for their own yards. These plans include creating native gardens, raingardens, or native shorelines that stabilize soil. These planting practices provide habitat for pollinators and birds, reduce watering and require no chemical inputs. On top of that, these practices help water soak into the ground rather than running off and delivering polluted stormwater into lakes, rivers and wetlands.

#### Who can get a grant?

Participants in the workshops can submit an application, project plan, and cost estimates to the Dakota County SWCD for grant funds of up to \$250.

#### Adjusting and Accommodating

Due to the ongoing Covid-19 pandemic in 2021, all Landscaping for Clean Water programming was held virtually. Four live virtual Introduction classes were held in the spring (March through May) and then pre-recorded so others could participate in the classes at their leisure. A total of 371 individuals participated in the Introduction classes through either a live virtual class or through the recordings.

A total of 164 participants took part in the virtual Design classes which consisted of a series of pre-recorded videos. Project materials for participants were made available online and an "Office Hours" program was used to provide virtual consultations to Design class participants. A total of 52 participants took advantage of these virtual consultations with

staff in 2021. Participants were thankful for the additional one-on-one design assistance.

In 2021, the Maintenance classes were split into three online sessions. Each workshop focused 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 total of 96 people registered for the Maintenance classes.

The 2022 Landscaping for Clean Water program will be held virtually, although the plan will be evaluated in early spring to see if hosting in-person classes/workshops becomes feasible. For more information, visit <https://dakotaswcd.org/services/landscaping-for-clean-water/>.



### 15 YEARS OF CLEAN WATER ACCOMPLISHMENTS

(2007-2021)

Workshop Participants — 5,136

Projects Completed — 667

**Landscaping for Clean Water is one type of cost-sharing program offered by the Dakota County SWCD. For more information, call 651-480-7777 or go to <https://dakotaswcd.org/services/landscaping-for-clean-water/>.**

### Conservation in Action: Crystal Lake Shoreline Stabilization



Crystal Lake has been a major water quality success story, having been removed from the State's impaired waters list in 2018. A developing erosion issue was detected on the north shore of Crystal Lake around Tyacke Park. To prevent it from getting worse, the City of Burnsville and Dakota County Soil and Water Conservation District (SWCD) developed a plan and undertook a large shoreline stabilization project on the lake in the fall of 2021. To provide the best habitat and keep the natural aesthetics of the parkland, the plan utilized natural materials rather than the more intrusive rock rip rap.

Supported by a Conservation Initiative Funding grant from the SWCD, crews started by installing more than 980 feet of coconut fiber (coir) logs to buffer against the wave action. Invasive buckthorn was removed along the shoreline and native grasses and wildflowers were planted in its place. The deep-rooted native plants will help stabilize the shoreline long term while also providing valuable habitat to pollinators and other wildlife.

### Crystal Lake in the Clear

The BDWMO is pleased to report that Crystal Lake continues to have good water quality. The 2021 summer-average Secchi disc transparency in Crystal Lake was 2.5 meters (8.1 feet), which is slightly better than it was in 2020, and better than the MPCA deep-lake water quality standard of 1.4 meters. The water clarity in Crystal Lake has been trending towards better water quality over the past 10-year period (statistically significant trend). The last time summer-average Secchi disc transparency for Crystal Lake was 2.5 meters or better was 1992. The 2021 summer average of total phosphorus (the nutrient that drives algal growth) was 22 µg/L, one of the best on record for the lake, and better than the MPCA's deep lake standard (40 µg/L). The summer-average chlorophyll-a (a measure of algal abundance) was 9 µg/L, which ties 2018 for the best on record for the lake, and better than the MPCA's deep lake standard (14 µg/L). During the period of 2008 to 2011, the BDWMO, along with its member communities, the Minnesota Pollution Control Agency (MPCA), and other state and local agencies, developed a Total Maximum Daily Load (TMDL) report for Crystal Lake. The TMDL was required because the MPCA added Crystal Lake to its impaired waters list in 2002. Two other lakes in the Crystal Lake watershed—Keller Lake and Lee Lake—were also part of the TMDL report. The TMDL established phosphorus load allocations that would achieve water quality goals for Crystal, Keller, and Lee Lakes. The BDWMO member cities continue to implement water quality improvement measures with the goal of improving water quality in Crystal, Keller and Lee Lakes. Additional



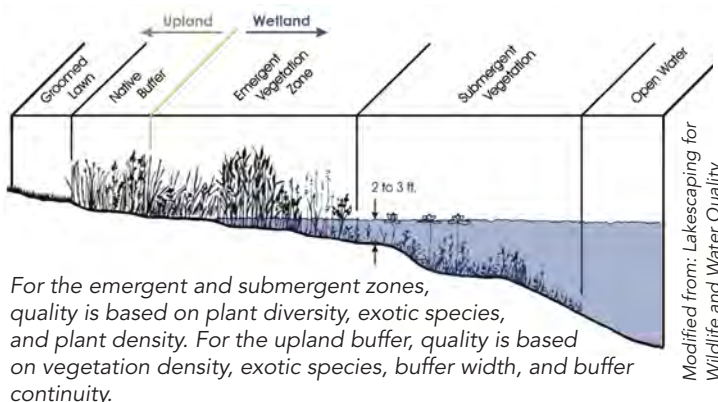
information regarding the Three-Lake TMDL can be found on page 2 of the BDWMO's 2011 Watershed Annual Report.

Aquatic plant surveys were performed in May and July of 2021. The May 2021 survey found 11 submerged plant species and one floating-leaf species, with curly-leaf pondweed as the dominant plant. The July 2021 survey found 15 submerged plant species and one floating-leaf species, with coontail as the dominant plant. Eurasian watermilfoil was found during both surveys at numerous sites. Harvesting of curly-leaf pondweed was conducted in Crystal Lake in 2021.

The BDWMO will continue to monitor the water quality of Crystal Lake in 2022, including regularly-scheduled management level monitoring and habitat monitoring.

### Habitat Monitoring Program

Since 2003, the BDWMO has implemented a program for monitoring the wildlife and fish habitat quality of strategic water resources in the watershed, including biological and physical indicators, such as upland and aquatic vegetation, buffer zones, erosion, sedimentation, and the presence of non-native exotic species. The program also recommends management actions based upon monitoring results.



In 2021, the BDWMO monitored the habitat quality of Kingsley Lake. Monitoring included transect, plot, and meandering surveys. Photographs were taken to document

conditions. Analysis and reporting of the monitoring data includes a floristic quality assessment and a four-tiered rating system (poor, moderate, high, and excellent). Private versus public ownership was identified along the entire shoreline. The survey results, along with parcel data, were used to identify possible locations for restoration and preservation.

Habitat monitoring results showed that Kingsley Lake's submergent zone was rated moderate, but both the emergent and upland buffer zones were rated high. In one specific location in the western portion of Kingsley Lake, curly-leaf pondweed, a dominant species found some years in the lake, was present. Dense coverage of native submergent vegetation, including Robbin's pondweed and largeleaf pondweed in Kingsley Lake helps prevent the spread of curly-leaf pondweed.

See page 7 for additional Kingsley Lake habitat monitoring results. See [www.blackdogwmo.org](http://www.blackdogwmo.org) for the full report.

The member cities have provided lakeshore owners with shoreline restoration information since 2004 and continually promote and encourage lakeshore property owners each year to take advantage of the Dakota County SWCD Landscaping for Clean Water shoreline restoration program. (See page 3 for more about this program.)



## 2021 Monitoring Results

### Water Quality Monitoring Program

The BDWMO and member cities continued to monitor several of its lakes during 2021 through the Metropolitan Council's Citizen-Assisted Monitoring Program (CAMP) to detect any water quality changes that would require management action by the WMO. In addition, the BDWMO conducted more detailed monitoring on Crystal Lake (see page 4). The monitoring focused on three water quality indicators—total phosphorus and chlorophyll-a concentrations, plus Secchi disc transparency. All three variables correlate strongly to the open-water nuisance conditions of lakes (i.e., algal blooms).

Long-term monitoring is important because lakes can change from year to year. Only when several years of data are compiled do trends become apparent. Because the MPCA periodically evaluates water quality data from the most recent ten-year period to determine if a lake violates applicable water quality standards, the WMO has adopted the same time convention for conducting its annual trend analyses. Graphs on this page and subsequent pages show historic trends in water quality.

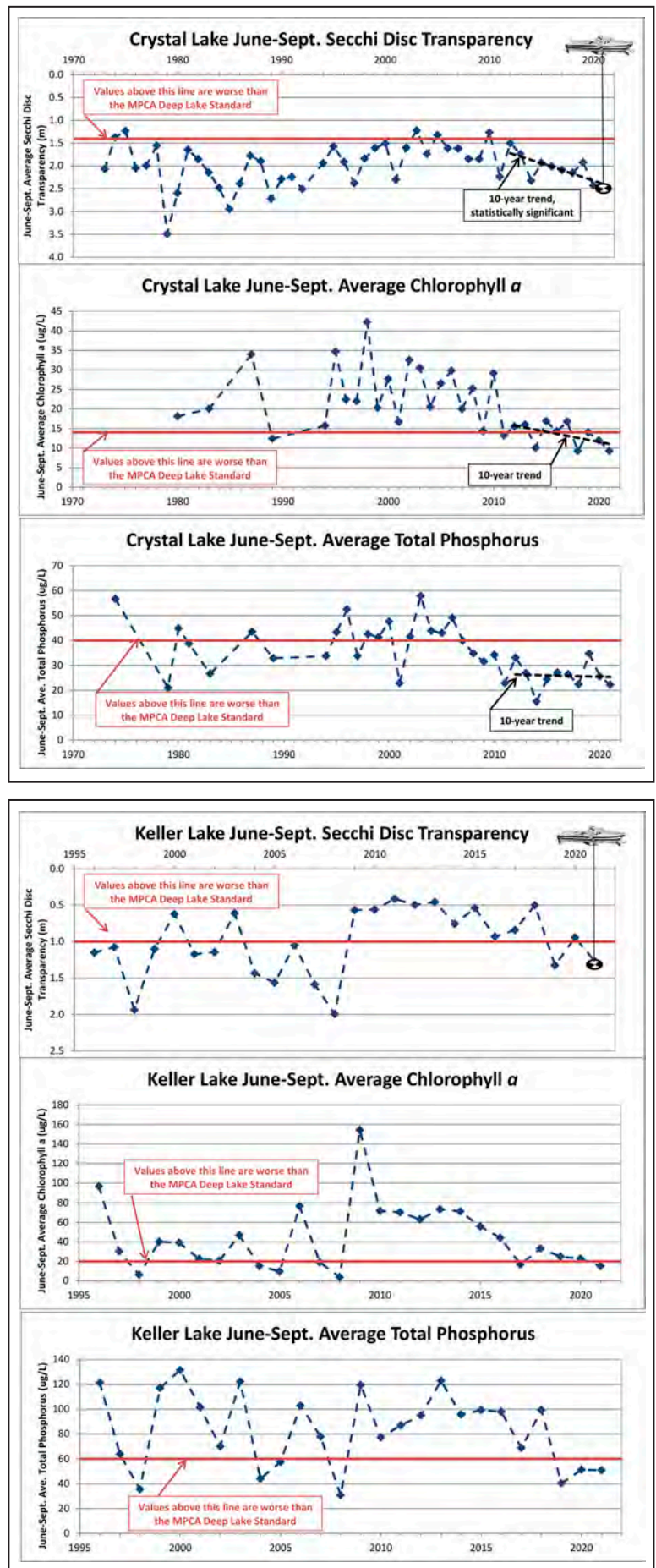
#### Crystal Lake (Burnsville & Lakeville)

**Water Quality Monitoring**—In 2021, the BDWMO performed more detailed management level monitoring on the lake (see story on page 4).

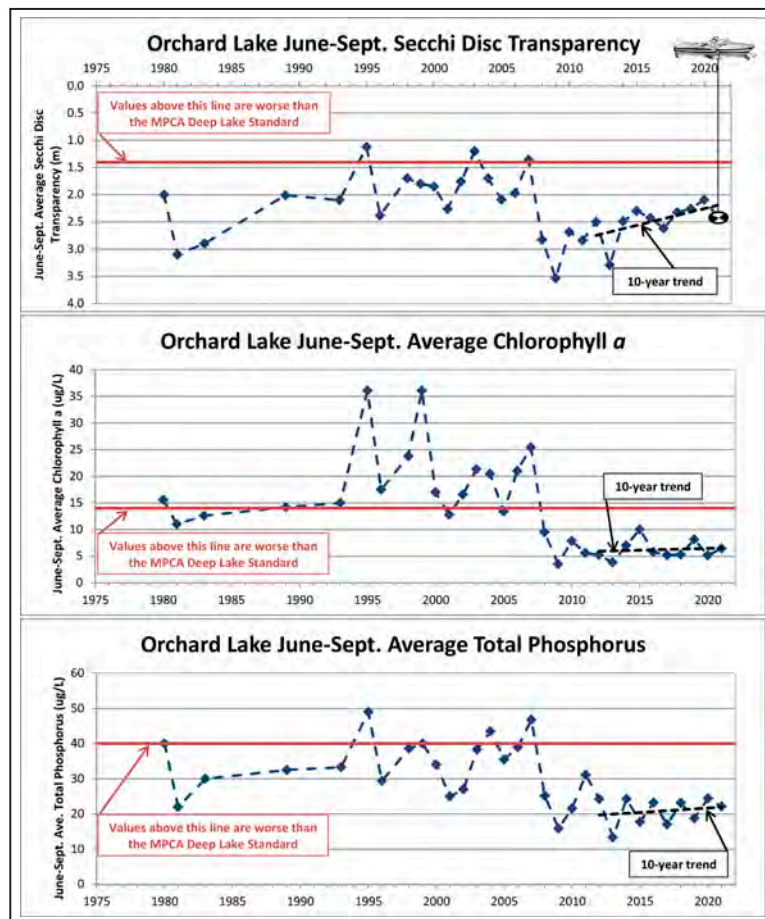
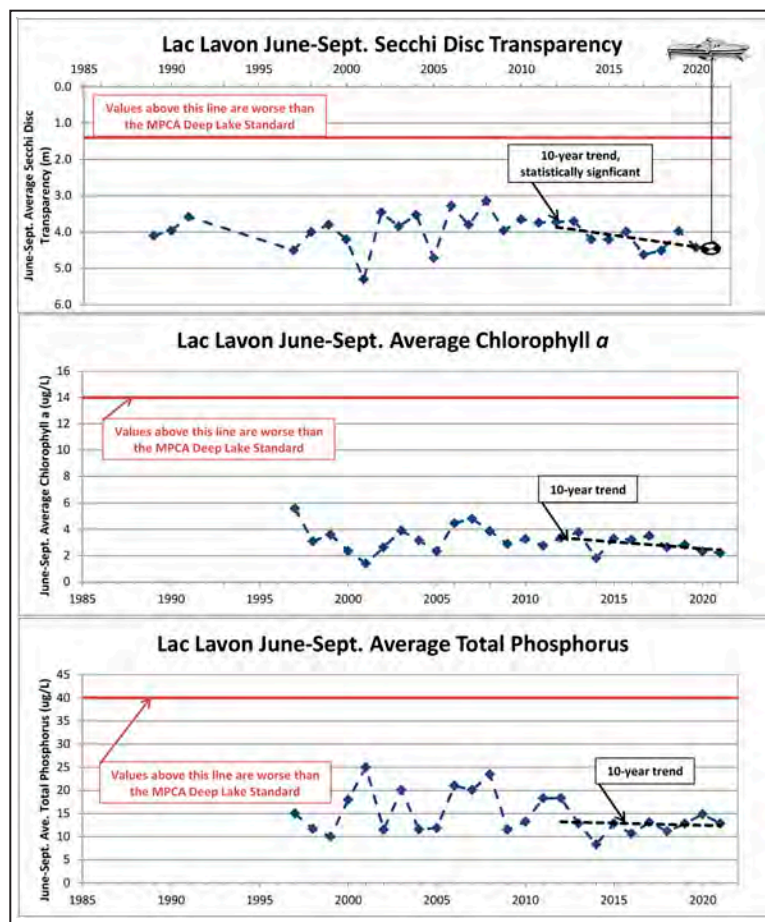
#### Keller Lake (Burnsville & Apple Valley)

**Water Quality Monitoring**—An alum and sodium aluminate treatment was conducted on Keller Lake in Spring 2019 and Spring 2021, resulting in improved water quality in recent years (see details on page 2). The 2021 Secchi disc transparency summer average was 1.3 meters (4.2 feet), which is better than the MPCA's shallow lake standard of 1.0 meter (3.3 feet). The summer-average total phosphorus (51  $\mu\text{g/L}$ ) was also better than the MPCA's shallow lake standard of 60  $\mu\text{g/L}$ . Summer averages of total phosphorus had been consistently worse than the MPCA standard every year for the period 2009–2018, before the alum and sodium aluminate treatment of the lake. The 2021 summer-average of chlorophyll-a (15  $\mu\text{g/L}$ ) was also better than the MPCA's shallow lake standard of 20  $\mu\text{g/L}$ .

Trend analyses were not completed for Keller Lake because of the alum and sodium aluminate treatments that were conducted in 2019 and 2021. The three-lake TMDL study and implementation plan identifies the water quality improvement measures needed to achieve the BDWMO and MPCA goals for the lake. The BDWMO will continue to monitor the water quality of Keller Lake in 2022. See page 2 for updates on several Keller Lake projects.



# 2021 Monitoring Results



## Lac Lavon (Apple Valley & Burnsville)

**Water Quality Monitoring**—Lac Lavon continued to experience excellent water quality in 2021. The 2021 summer-average Secchi disc transparency was 4.4 meters (14 feet), and is much better than the MPCA deep-lake water quality standard of 1.4 meters. The 2021 summer averages of total phosphorus (13 µg/L) and chlorophyll-a (2.2 µg/L) further indicate excellent water quality for Lac Lavon. Summer averages of Secchi disc transparency show a statistically significant improving trend for the most recent 10-year period of 2012-2021. There was no significant trend in summer averages of total phosphorus or chlorophyll-a for the same period. The BDWMO will continue to monitor the water quality of Lac Lavon in 2022, including regularly-scheduled management level monitoring and habitat monitoring.

### Water Quality Improvement Project

The City of Apple Valley leveraged additional BWSR Clean Water Fund dollars to design and construct a new raingarden in the Lac Lavon Park parking lot. Currently, stormwater runoff flows off the parking lot, down a slope, ultimately reaching Lac Lavon. The raingarden, featuring native plants, will serve as a demonstration project for the improvement of water quality within the watershed.

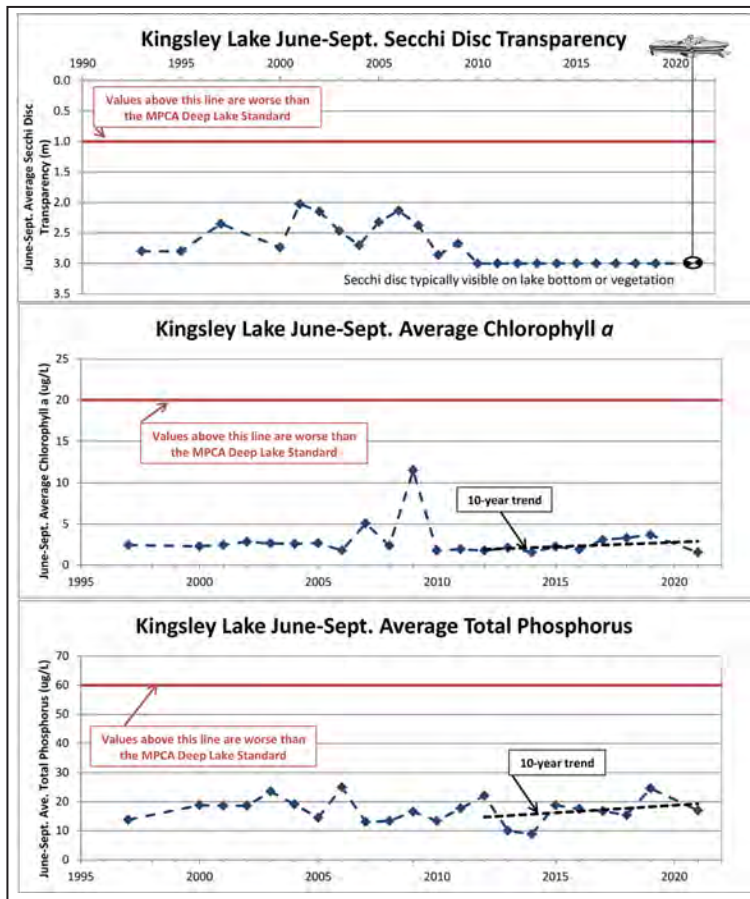


## Orchard Lake (Lakeville)

**Water Quality Monitoring**—Orchard Lake had improved water quality in 2021 compared to the previous three years, but has generally experienced declining water clarity over the past 12 years. The 2021 summer average Secchi disc transparency was 2.5 meters (8.1 feet), which is better than the MPCA deep-lake water quality standard of 1.4 meters. The 2021 summer-averages of total phosphorus (21 µg/L) and chlorophyll-a (6 µg/L) were better than the MPCA's deep-lake water quality standards. There were no statistically significant trends in water quality for the most recent 10-yr period. Summer averages of water quality in Orchard Lake have been consistently better than the water quality standards for the last fourteen years (2008-2021). The BDWMO will continue to monitor the water quality of Orchard Lake in 2022.



# 2021 Monitoring Results

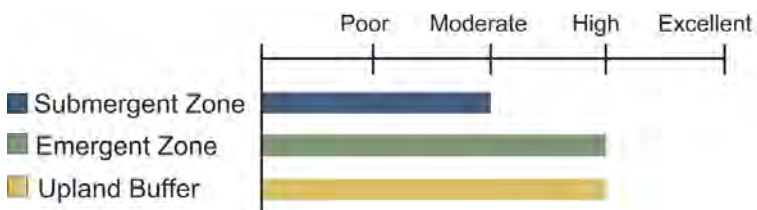


## Kingsley Lake (Lakeville)

**Water Quality Monitoring**—Water quality monitoring data from 2021 show continued excellent water quality in Kingsley Lake. Water is often clear enough that the Secchi disc used to measure transparency can still be seen when resting on the bottom of the lake.\* The 2021 summer averages of total phosphorus (17 µg/L) and chlorophyll-a (2 µg/L) concentrations were better than in 2019, and similar to years 2015-2018. Water quality was not monitored in Kingsley Lake in 2020, as the CAMP monitoring program for the lake was recently modified to monitor every other year. The 2021 summer averages of total phosphorus and chlorophyll-a were considerably better than the MPCA's shallow lake standards, and have consistently been below the water quality standards since 1997. Water quality will not be monitored through CAMP in 2022, but is planned to resume in 2023. \* Secchi disc readings in Kingsley Lake are difficult because lake vegetation obscures the Secchi disc, giving false measurements; therefore, there is no trend line in the graph above.

## Kingsley Lake Habitat Monitoring Results for 2021

As mentioned in the article on page 4, habitat monitoring was conducted in 2021 on Kingsley Lake. The BDWMO made the following quality ratings, based on the monitoring results:



### Submergent zone quality rating = Moderate

Rating based on averaging four criteria:

1. excellent total number of native species (19)
2. moderate average native plant density (1.7)
3. moderate rating for average exotic species density (1.5)
4. moderate coefficient of conservatism value (mean C-value) (5.5)

Curly-leaf pondweed, a dominant species found some years in Kingsley Lake, was present in only one specific location in the western portion of Kingsley Lake. The density increased slightly between 2016 and 2021. Dense coverage of native submergent vegetation, including Robbin's pondweed and largeleaf pondweed in Kingsley Lake helps prevent the spread of curly-leaf pondweed. A dense growth of filamentous and nostoc algae were present in the southeast lobe of the lake in 2021.

*The BDWMO recommends continued monitoring and consideration of control measures if densities and locations increase to an extent of concern.*

### Emergent vegetation zone quality rating = High

Rating based on averaging four criteria:

1. excellent number of native wetland plant species (45)
2. high rating for % coverage of exotic species (26-50%)
3. a moderate mean C-value rating (4.0)
4. high rating for total vegetative cover (51-75%)

Non-native species including narrowleaf and hybrid cattail, purple loosestrife, and yellow iris are found in the vegetated emergent zone. Floating mats in the northeastern portion of Kingsley Lake contain diverse native vegetation including sundew, sedges, rushes, burr-reeds, ferns, and bog birch, which provide habitat for green frogs, painted turtles, egrets, green herons, wood ducks, loons, and great blue herons.

*The BDWMO recommends continued control and management of purple loosestrife and yellow iris and protection of the floating mat habitat.*

### Upland buffer zone quality rating = High

- 67 native species and 28 exotic species observed.
- Exotic plant species 15-40% of upland vegetative cover. The mean C-value rating is 2.1 (poor).
- Upland buffer within portions of the shoreline is wide, providing wildlife habitat and shoreline protection. Though some areas with bare soil on steep slopes could cause erosion and sedimentation into the lake and should be vegetated with naturalized vegetation. Other areas with turf grass, gravel, and managed plantings with bare soil could be vegetated with native grasses and wildflowers. The BDWMO recommends control of non-native common buckthorn, Russian olive, Chinese silver grass, and Siberian elm
- The BDWMO recommends installation of a pre-treatment system such as a rain garden, pervious pavement, or sediment trap to collect sediment from a parking lot prior to discharge into the lake.
- Lakeshore property owners are encouraged to apply for funds (see page 3) to assist with implementation of the BDWMO recommendations.



# Black Dog Watershed Management Organization

## Board of Commissioners

### Representing Burnsville:

Curtis Enestvedt, Chair  
(serving since 2014)  
Mike Hughes, Vice Chair  
(serving since 2008)  
Tom Harmening, Commissioner  
(serving since 2002)  
Frank Boyce, Alternate  
(serving since 2021)

### Representing Apple Valley and Eagan:

Rollie Greeno, Commissioner  
(serving since 2018)  
Greg Helms, Alternate  
(serving since 2011)

### Representing Lakeville:

Scott Thureen, Secretary/Treasurer  
(serving since 2008)  
Natalie Walker, Alternate  
(serving since 2020)

### Engineering Consultant:

Karen Chandler, P.E., Barr Engineering Co.

### Legal Consultant:

Joel Jamnik, Campbell Knutson, P.A.

## Regular board meetings...

are held at 5:00 p.m. on the third Wednesday of the month at the Burnsville Maintenance Facility at 13713 Frontier Court.

## For more information, please contact:

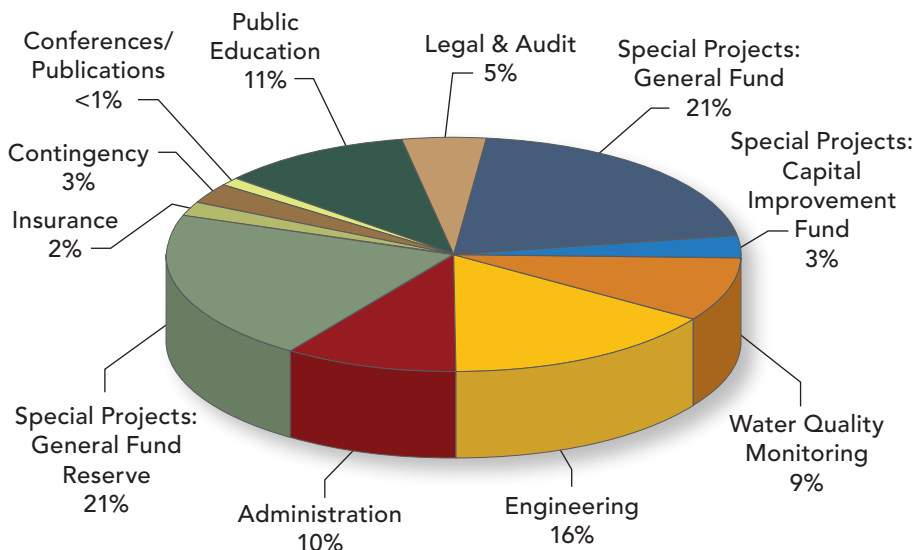
Daryl Jacobson, Administrator  
Black Dog WMO  
City of Burnsville  
13713 Frontier Court  
Burnsville, MN 55337  
Telephone: 952-895-4574  
Fax: 952-895-4531

**Website:** [www.blackdogwmo.org](http://www.blackdogwmo.org)

## 2022 Budget

Engineering .....	\$31,000
Legal and Audit .....	\$10,500
Administrative Services .....	\$19,000
Public Education .....	\$21,850
Insurance .....	\$3,000
Special Projects – General Fund .....	\$40,600
Special Projects – Capital Improvement Fund .....	\$5,000
Special Projects – General Fund Reserve .....	\$40,000
Conference/Publications .....	\$500
Water Quality Monitoring .....	\$17,200
Contingency .....	\$5,000

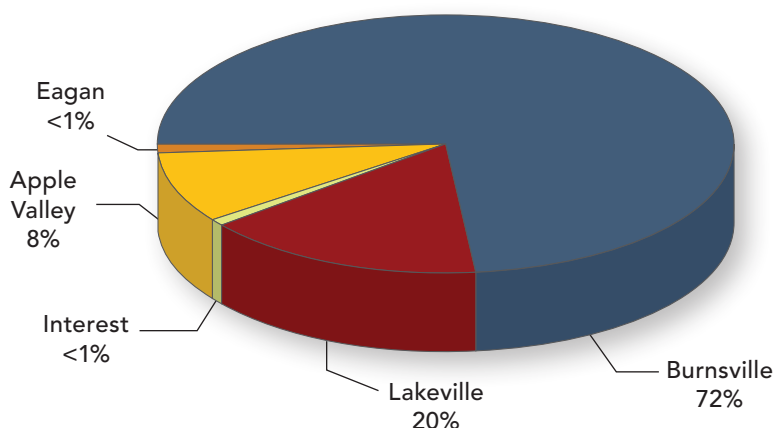
**Total Expenditures ..... \$193,650**



## 2022 Income

Member Contributions .....	\$153,000
Interest .....	\$40

**Total Income ..... \$153,040**



## Memorandum

**To:** Black Dog Watershed Management Organization (BDWMO) Commissioners  
**From:** Greg Williams, PE, Barr Engineering Co.  
**Subject:** Draft measurable water quality and habitat goals for BDWMO strategic waterbodies  
**Date:** March 8, 2022  
**Project:** 23191455  
**c:** Daryl Jacobson, BDWMO Administrator

### Requested BDWMO Commission actions:

1. Review the draft revisions to measurable water quality and habitat goals for strategic waterbodies and approve and/or provide comment, if desired.

## 1.0 Background

The Black Dog Watershed Management Organization (BDWMO) commissioners are in the process of updating the BDWMO Watershed Management Plan (Plan). In the Fall of 2021, the commissioners provided input on draft goals related to water quality and habitat quality of strategic waterbodies that contained measurable elements listed as “to be determined.”

Following a more thorough review of available monitoring data, Barr staff developed the numeric measurable elements of the draft goals. The draft goals are presented below in tracked changes.

### Water quality goal:

- A. Maintain or improve water quality in BDWMO strategic waterbodies to meet applicable state standards or existing summer average water quality, if better than state standards, including:
- Keller Lake – 60 ug/L total phosphorus, 20 ug/l chlorophyll *a*, and 1.0 meter Secchi disc transparency (i.e., –achieve applicable state shallow lake water quality standards for eutrophication (summer average of 60 ug/L total phosphorus and 1.0 m Secchi disc transparency)
  - Crystal Lake – 26 ug/L total phosphorus, 13 ug/l chlorophyll *a*, and 2.1 meter Secchi disc transparency TBD based on existing WQ data
  - Kingsley Lake – 17 ug/L total phosphorus, 2.3 ug/l chlorophyll *a*, and 3.0 meter Secchi disc transparency TBD based on existing WQ data
  - Lac Lavon – 13 ug/L total phosphorus, 2.9 ug/l chlorophyll *a*, and 4.2 meter Secchi disc transparency TBD based on existing WQ data
  - Orchard Lake – 21 ug/L total phosphorus, 6.2 ug/l chlorophyll *a*, and 2.5 meter Secchi disc transparency TBD based on existing WQ data

### **Habitat quality goal:**

- B. Maintain or improve the ecological and habitat quality of BDWMO strategic waterbodies as quantified through the BDWMO habitat monitoring program, with the following targets established: Individual lake targets TBD to achieve applicable standards for floristic quality index (FQI  $\geq 17.8$ ) and native species diversity of submerged vegetation (at least 11 species).

## **2.0 Goal Measurability and Assessment Considerations**

The proposed goals included above include numeric elements that are directly measurable based on existing data and planned future BDWMO monitoring activities. The existing water quality targets included in the water quality goal are based on the 10-year averages of summer average total phosphorus and Secchi depth transparency observed from 2012-2021. The water quality goals for Keller Lake are based on the state shallow lake criteria for total phosphorus and transparency. The targets of FQI and native species diversity of submerged vegetation are based on state standards for lakes in this region.

Comparison of current or most recent data relative to the values included in the goal statement will be used to evaluate whether the BDWMO is meeting its habitat quality goal and its Keller Lake water quality goal. For the water quality goals based on existing conditions, however, annual variability in water quality data prevents a meaningful comparison of single season data to the goal values (which are based on the 2012-2021 average). In this case, the trend analysis performed every year to identify the presence or absence of statistically significant degrading water quality trends will be used as a first step to evaluate if current water quality deviates from the goal values. If a statistically significant degrading trend is present, Barr staff will use a t-test (or other similarly appropriate statistical test) to evaluate whether the most recent 10-year average is significantly different from the 2012-2021 average included in the goal language.

## **3.0 Next Steps**

Barr will revise the draft Plan document to include the goals as written above and considering any additional comment received during the BDWMO March meeting.



## Memorandum

**To:** Black Dog Watershed Management Organization (BDWMO) Commissioners  
**From:** Greg Williams, PE, Barr Engineering Co.  
**Subject:** Draft watershed management plan internal review process  
**Date:** March 8, 2022  
**Project:** 23191455  
**c:** Daryl Jacobson, BDWMO Administrator

### **Requested BDWMO Commission actions:**

1. Review the proposed review schedule for the draft Plan and confirm the parties to receive the draft Plan for internal review.

## 1.0 Background

The Black Dog Watershed Management Organization (BDWMO) commissioners are in the process of updating the BDWMO Watershed Management Plan (Plan). The original project scope recommended distributing the complete draft Plan for an unofficial, internal review:

*We will distribute the draft Plan for unofficial, internal review. We recommend that this review include commissioners and member city and partner staff. We will revise the draft Plan based on feedback received during unofficial review. Upon Commission approval, the revised draft will serve as the official 60-day review draft.*

We also recommend including Melissa King, the Board of Water and Soil Resources (BWSR) Board Conservationist, as part of the unofficial review.

## 2.0 Proposed Plan Review Schedule

The following is a tentative sequence of events including the unofficial, internal review:

**April 13** – We will include a complete draft Plan with the BDWMO April meeting packet (as a link from the BDWMO website or SharePoint file link based on the document size).

**April 13 to May 4** – A three-week internal review period begins with the April meeting packet/link distribution, with comments due back by **May 4**.

**April 20 (BDWMO meeting)** – Barr staff will hear feedback on draft Plan, if provided at the meeting.

**May 4 to May 11** – Barr will compile comments received on draft Plan (excluding minor edits such as typos) into a table along with proposed responses and/or edits to the draft Plan.

**May 11** – A table summarizing the comments and proposed responses/edits will be included in BDWMO May meeting packet.

**May 18 (BDWMO meeting)** – Barr will present a summary of the comments and proposed responses/edits to the commissioners. We will ask for feedback and request the commissioners to authorize Barr staff to make appropriate Plan revisions (incorporating discussion from the May meeting) and either:

- 1.) submit the Plan for 60-day formal review once edits are made, or
- 2.) bring the revised Plan back to the commissioners in June for Commission review prior to submitting the Plan for 60-day review

If the outcome of the internal review process is such that the commissioners authorize Barr to submit the draft Plan without a second commissioner review (option 1 above), we anticipate the 60-day formal review would begin around **June 1**. If the commissioners request to see the draft Plan again following the BDWMO May meeting, we anticipate the 60-day formal review would begin around **July 1**.

### 3.0 Next Steps

Barr staff will compile the complete draft Plan for inclusion in the BDWMO April meeting packet and notify informal review participants of the review schedule documented in this memorandum.

BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Financial Statements  
as of December 31, 2021

Unaudited  
Prepared by the City of Burnsville

Contents:

Statement of Net Position  
Statement of Activities  
Balance Sheet - Governmental Funds  
Statement of Revenue, Expenditures, and Changes in Fund Balances - Governmental Funds  
Statement of Revenue, Expenditures, and Changes in Fund Balances - Budget and Actual - General Fund  
Statement of Revenue, Expenditures, and Changes in Fund Balances - Budget and Actual - Capital Improvement Fund

BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Statement of Net Position  
as of December 31, 2021

	Governmental Activities
	2021
Assets	
Cash and investments	522,917.86
Accounts receivable	-
Due from other governmental units	65,926.24
Prepays	-
Capital assets	
Buildings	37,600.00
Equipment	110,138.00
Less accumulated depreciation	(135,518.00)
Total capital assets, net of accumulated depreciation	12,220.00
Total assets	535,137.86
Liabilities	
Accounts payable	9,375.44
Due to other governmental units	29,382.86
Unearned revenue	-
Total liabilities	38,758.30
Net position	
Net investment in capital assets	12,220.00
Restricted for capital improvements	81,489.27
Unrestricted	402,670.29
Total net position	496,379.56
Total liabilities and net position	535,137.86

-

BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Statement of Activities  
Year Ended December 31, 2021

	Governmental Activities
	2021
Expenses	
General government	
System operations	230,263.14
Administrative services	48,307.36
Depreciation	940.00
Total program expenses	279,510.50
Revenues	
General government	
Charges for services	
Management fees	153,000.00
Grants	
State of MN Board of Water and Soil Resources	79,987.44
General revenues	
Interest earnings	64.61
Total revenues	233,052.05
Change in net position	(46,458.45)
Net position	
Beginning of year	542,838.01
End of year	496,379.56

BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Balance Sheet  
Governmental Funds  
Year Ended December 31, 2021

	General Fund	Capital Improvement Fund	Total Governmental Funds 2021
<b>Assets</b>			
Cash and investments	441,428.59	15,563.03	456,991.62
Accounts receivable	0.00	0.00	0.00
Due from other governmental units	0.00	65,926.24	65,926.24
<b>Total assets</b>	<b>441,428.59</b>	<b>81,489.27</b>	<b>522,917.86</b>
<b>Liabilities</b>			
Accounts payable	9,375.44	0.00	9,375.44
Due to other governmental units	29,382.86	0.00	29,382.86
Unearned revenue	0.00	0.00	0.00
<b>Total liabilities</b>	<b>38,758.30</b>	<b>0.00</b>	<b>38,758.30</b>
<b>Fund balances</b>			
Restricted for capital improvements	0.00	81,489.27	81,489.27
Assigned for subsequent year's budget deficit	73,460.00	0.00	73,460.00
Unassigned	329,210.29	0.00	329,210.29
<b>Total fund balances</b>	<b>402,670.29</b>	<b>81,489.27</b>	<b>484,159.56</b>
<b>Total liabilities, deferred inflows of resources, and fund balances</b>	<b>441,428.59</b>	<b>81,489.27</b>	<b>522,917.86</b>

Amounts reported for governmental activities in the Statement of Net Position differ because:

Fund balances – governmental funds	484,159.56
Capital assets used in governmental activities are not financial resources and, therefore, are not reported as assets in governmental funds.	
Cost of capital assets	147,738.00
Less accumulated depreciation	(135,518.00)
<b>Net position of governmental activities</b>	<b>496,379.56</b>

BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Statement of Revenue, Expenditures, and Changes in Fund Balances  
Governmental Funds  
Year Ended December 31, 2021

	General Fund	Capital Improvement Fund	Total Governmental Funds 2021
Revenue			
Member assessments	131,000.00	22,000.00	153,000.00
Intergovernmental Revenue - Grants	-	79,987.44	79,987.44
Interest earnings	64.61	-	64.61
Total revenue	131,064.61	101,987.44	233,052.05
Expenditures			
General government			
System Operations			
Engineering	26,663.44	-	26,663.44
Special Projects	56,141.56	128,571.50	184,713.06
Insurance	1,407.00	-	1,407.00
Water quality monitoring	17,479.64	-	17,479.64
Administrative services			
Legal and audit	2,584.00	-	2,584.00
Administrative costs	24,302.86	-	24,302.86
Public education	21,420.50	-	21,420.50
Conferences, publications and reports	-	-	-
Contingency	-	-	-
Total expenditures	149,999.00	128,571.50	278,570.50
Excess (Deficiency) of Revenues Over (Under)	(18,934.39)	(26,584.06)	(45,518.45)
Other Financing Source (Uses)			
Transfers in	-	-	-
Transfers out	-	-	-
Total other financing sources (uses)	-	-	-
Net change in fund balances	(18,934.39)	(26,584.06)	(45,518.45)
Fund balances			
Beginning of year	421,604.68	108,073.33	529,678.01
End of year	402,670.29	81,489.27	484,159.56
Amounts reported for governmental activities in the Statement of Activities are different because:			
Net change in fund balances – governmental funds			(45,518.45)
Capital outlays are reported as expenditures in governmental funds, but are allocated over the estimated useful lives of the capital assets as depreciation expense in the Statement of Activities.			
Depreciation expense			(940.00)
Change in net position of governmental activities			(46,458.45)

BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Statement of Revenue, Expenditures, and Changes in Fund Balances  
Budget and Actual  
General Fund  
Year Ended December 31, 2021

	2021		
	Original and Final Budget	Actual	Over (Under) Final Budget
Revenue			
Management fees	131,000.00	131,000.00	-
Intergovernmental Revenue - Grants	-	-	-
Interest earnings	40.00	64.61	24.61
Total revenue	<u>131,040.00</u>	<u>131,064.61</u>	<u>24.61</u>
Expenditures			
General government			
System Operations			
Engineering	31,000.00	26,663.44	(4,336.56)
Special Projects	106,800.00	56,141.56	(50,658.44)
Insurance	3,000.00	1,407.00	(1,593.00)
Water quality monitoring	17,100.00	17,479.64	379.64
Administrative services			
Legal and audit	5,000.00	2,584.00	(2,416.00)
Administrative costs	18,000.00	24,302.86	6,302.86
Public education	18,100.00	21,420.50	3,320.50
Conferences, publications and reports	500.00	-	(500.00)
Contingency	5,000.00	-	(5,000.00)
Total expenditures	<u>204,500.00</u>	<u>149,999.00</u>	<u>(54,501.00)</u>
Excess (Deficiency) of Revenues Over (Under)	<u>(73,460.00)</u>	<u>(18,934.39)</u>	<u>54,525.61</u>
Other Financing Source (Uses)			
Transfers in	-	-	-
Transfers out	-	-	-
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>-</u>
Net change in fund balances	<u>(73,460.00)</u>	<u>(18,934.39)</u>	<u>54,525.61</u>
Fund balances			
Beginning of year		<u>421,604.68</u>	
End of year		<u>402,670.29</u>	



BLACK DOG WATERSHED  
MANAGEMENT ORGANIZATION

Statement of Revenue, Expenditures, and Changes in Fund Balances  
Budget and Actual  
Capital Improvement Fund  
Year Ended December 31, 2021

	2021		
	Original and Final Budget	Actual	Over (Under) Final Budget
Revenue			
Management fees	22,000.00	22,000.00	-
Intergovernmental Revenue - Grants	-	79,987.44	79,987.44
Interest earnings	-	-	-
Total revenue	<u>22,000.00</u>	<u>101,987.44</u>	<u>79,987.44</u>
Expenditures			
General government			
System Operations			
Engineering	-	-	-
Special Projects	10,000.00	128,571.50	118,571.50
Insurance	-	-	-
Water quality monitoring	-	-	-
Administrative services			
Legal and audit	-	-	-
Administrative costs	-	-	-
Public education	-	-	-
Conferences, publications and reports	-	-	-
Contingency	-	-	-
Total expenditures	<u>10,000.00</u>	<u>128,571.50</u>	<u>118,571.50</u>
Excess (Deficiency) of Revenues Over (Under)			
Expenditures	<u>12,000.00</u>	<u>(26,584.06)</u>	<u>(38,584.06)</u>
Other Financing Source (Uses)			
Transfers in	-	-	-
Transfers out	-	-	-
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>-</u>
Net change in fund balances	<u>12,000.00</u>	<u>(26,584.06)</u>	<u>(38,584.06)</u>
Fund balances			
Beginning of year		<u>108,073.33</u>	
End of year		<u>81,489.27</u>	

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2019**

					Expenditures:											
Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	General Engineering Support	Special Projects (General)	Special Projects (Capital)	Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public	Contingency	
Balance as of 12/31/18					470,656.57											
16-Jan	Barr Engineering Co (2018)		1686	6,787.63		2,774.50	1,144.00	1,541.63					1,327.50			
16-Jan	Campbell Knutson (2018)		1687	384.00						384.00						
16-Jan	Kimley-Horn (2018)		1688	2,040.50		2,040.50										
31-Jan	Interest Income	863.83														
01/31/19 Balance		863.83		9,212.13	462,308.27	4,815.00	1,144.00	1,541.63	-	384.00	-	-	1,327.50	-	-	
20-Feb	Barr Engineering Co		1689	10,828.92		2,963.92	543.50	1,419.00				187.00	5,715.50			
20-Feb	Campbell Knutson		1690	304.00						304.00						
20-Feb	Dakota County Soil & Water (2018)		1691	1,855.00			1,500.00	-				355.00				
28-Feb	Interest Income	767.56														
02/28/19 Balance		767.56		12,987.92	450,087.91	2,963.92	2,043.50	1,419.00	-	304.00	-	542.00	5,715.50	-	-	
20-Mar	Barr Engineering		1692	8,627.58		1,760.08	2,571.50	1,237.50		-		1,189.00	1,869.50			
20-Mar	Campbell Knutson		1693	112.00		-	-	-		112.00		-	-			
20-Mar	City of Burnsville (2018)		1694	16,259.00							16,259.00					
31-Mar	Interest Income	814.10														
03/31/19 Balance		814.10		24,998.58	425,903.43	1,760.08	2,571.50	1,237.50	-	112.00	16,259.00	1,189.00	1,869.50	-	-	
14-Apr	State of Mn Grant - Capital Func	115,000.00														
17-Apr	Barr Engineering		1695	4,396.00		1,009.00	-	1,147.50		-		2,239.50	-			
17-Apr	Campbell Knutson		1696	336.00						336.00						
17-Apr	Kimley-Horn		1697	508.80		508.80										
30-Apr	Interest Income	880.41														
04/30/19 Balance		115,880.41		5,240.80	536,543.04	1,517.80	-	1,147.50	-	336.00	-	2,239.50	-	-	-	
15-May	Barr Engineering		1698	6,011.76		1,824.58	1,143.68	2,638.50				405.00				
15-May	Campbell Knutson		1699	416.00						416.00						
15-May	Dakota County Soil & Water Conservation		1700	5,275.00		-	-	-				5,275.00	-			
31-May	City of Burnsville	110,798.00														
31-May	Interest Income	957.12														
05/31/19 Balance		111,755.12		11,702.76	636,595.40	1,824.58	1,143.68	2,638.50	-	416.00	-	5,680.00	-	-	-	
28-Jun	City of Apple Valley	12,057.00														
28-Jun	City of Eagan	568.00														
28-Jun	City of Lakeville	29,577.00														
30-Jun	Interest Income	1,104.92														
06/30/19 Balance		43,306.92		-	679,902.32	-	-	-	-	-	-	-	-	-	-	
17-Jul	Barr Engineering		1701	18,683.57		2,706.00	5,985.77	7,009.30				1,775.00	1,207.50			
17-Jul	Campbell Knutson		1702	368.00						368.00						
17-Jul	HAB Aquatic Solutions		1703	87,182.00				87,182.00								
17-Jul	League of MN Cities Insurance Trust		1704	2,790.00					2,790.00							
31-Jul	Interest Income	1,176.33														
07/31/19 Balance		1,176.33		109,023.57	572,055.08	2,706.00	5,985.77	94,191.30	2,790.00	368.00	-	1,775.00	1,207.50	-	-	

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2019**

Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	Expenditures: General Engineering Support	Special Projects (General)	Special Projects (Capital)	Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public	Contingency
31-Aug	Interest Income	955.74													
<b>08/31/19 Balance</b>		<b>955.74</b>		<b>-</b>	<b>573,010.82</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
18-Sep	Barr Engineering		1705	10,625.30		1,563.58	6,811.32	305.00					1,945.40		
18-Sep	Campbell Knutson		1706	256.00						256.00					
18-Sep	Dakota County Soil & Water Conserv Dist		1707	5,195.00			-	-				5,195.00			
30-Sep	Interest Income	852.78													
<b>09/30/19 Balance</b>		<b>852.78</b>		<b>16,076.30</b>	<b>557,787.30</b>	<b>1,563.58</b>	<b>6,811.32</b>	<b>305.00</b>	<b>-</b>	<b>256.00</b>	<b>-</b>	<b>5,195.00</b>	<b>1,945.40</b>	<b>-</b>	<b>-</b>
31-Oct	Interest Income	792.48													
<b>10/31/19 Balance</b>		<b>792.48</b>		<b>-</b>	<b>558,579.78</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
20-Nov	Barr Engineering		1708	4,817.27		1,638.92	3,100.35	-					78.00		
20-Nov	Campbell Knutson		1709	240.00						240.00					
20-Nov	Dakota County Soil & Water Conserv Dist		1710	12,555.00			12,000.00	-				555.00			
20-Nov	Metropolitan Council		1711	3,800.00									3,800.00		
20-Nov	Roger Baldwin		1712	295.00										295.00	
30-Nov	Interest Income	668.92													
<b>11/30/19 Balance</b>		<b>668.92</b>		<b>21,707.27</b>	<b>537,541.43</b>	<b>1,638.92</b>	<b>15,100.35</b>	<b>-</b>	<b>-</b>	<b>240.00</b>	<b>-</b>	<b>555.00</b>	<b>3,878.00</b>	<b>295.00</b>	<b>-</b>
24-Dec	League of MN Cities	233.00							(233.00)						
31-Dec	Interest Income	631.15													
<b>12/31/19 Balance</b>		<b>864.15</b>		<b>-</b>	<b>538,405.58</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(233.00)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Revenue</b>		<b>278,698.34</b>	<b>Total Expense</b>		<b>210,949.33</b>	<b>18,789.88</b>	<b>34,800.12</b>	<b>102,480.43</b>	<b>2,557.00</b>	<b>2,416.00</b>	<b>16,259.00</b>	<b>17,175.50</b>	<b>15,943.40</b>	<b>295.00</b>	<b>-</b>
<b>Less: 2018 A/R</b>		<b>-</b>	<b>Less: 2018 A/P</b>		<b>(27,326.13)</b>	<b>(4,815.00)</b>	<b>(2,644.00)</b>	<b>(1,541.63)</b>	<b>-</b>	<b>(384.00)</b>	<b>(16,259.00)</b>	<b>(355.00)</b>	<b>(1,327.50)</b>	<b>-</b>	<b>-</b>
<b>Plus: 2019 A/R</b>		<b>-</b>	<b>Plus: 2019 A/P</b>		<b>23,618.73</b>	<b>1,875.00</b>	<b>1,908.50</b>	<b>-</b>	<b>-</b>	<b>224.00</b>	<b>19,296.23</b>	<b>315.00</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>December LMC insurance reclass</b>		<b>(233.00)</b>			<b>(233.00)</b>										
<b>Total YTD 2019 Revenue</b>		<b>278,465.34</b>	<b>Total YTD 2019 Exp</b>		<b>207,008.93</b>	<b>15,849.88</b>	<b>34,064.62</b>	<b>100,938.80</b>	<b>2,557.00</b>	<b>2,256.00</b>	<b>19,296.23</b>	<b>17,135.50</b>	<b>14,615.90</b>	<b>295.00</b>	<b>-</b>
			<b>2019 Budget</b>		<b>230,600.00</b>	<b>31,000.00</b>	<b>39,200.00</b>	<b>96,700.00</b>	<b>3,000.00</b>	<b>4,400.00</b>	<b>18,000.00</b>	<b>17,900.00</b>	<b>14,900.00</b>	<b>500.00</b>	<b>5,000.00</b>
			<b>Budget Remaining</b>		<b>23,591.00</b>	<b>15,150.00</b>	<b>5,135.38</b>	<b>(4,238.80)</b>	<b>443.00</b>	<b>2,144.00</b>	<b>(1,296.23)</b>	<b>764.50</b>	<b>284.10</b>	<b>205.00</b>	<b>5,000.00</b>

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2020**

Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	Expenditures: General Engineering Support	Special Projects (General)	Special Projects (Capital)	Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public	Contingency
<b>Balance as of 12/31/19</b>					<b>538,405.58</b>										
15-Jan	Barr Engineering Co (2019)		1713	2,283.50		1,875.00	408.50	-					-		
15-Jan	Campbell Knutson (2019)		1714	224.00						224.00					
15-Jan	City of Burnsville (2019)		1715	19,296.23							19,296.23				
31-Jan	Interest Income	625.10													
<b>01/31/20 Balance</b>		<b>625.10</b>		<b>21,803.73</b>	<b>517,226.95</b>	<b>1,875.00</b>	<b>408.50</b>	<b>-</b>	<b>-</b>	<b>224.00</b>	<b>19,296.23</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
19-Feb	Barr Engineering Co		1716	8,012.38		1,605.38	449.50	-				1,138.00	4,819.50		
19-Feb	Campbell Knutson		1717	666.40						666.40					
19-Feb	Dakota County Soil & Water (2019)		1718	1,815.00			1,500.00	-				315.00			
29-Feb	Interest Income	532.69													
<b>02/28/20 Balance</b>		<b>532.69</b>		<b>10,493.78</b>	<b>507,265.86</b>	<b>1,605.38</b>	<b>1,949.50</b>	<b>-</b>	<b>-</b>	<b>666.40</b>	<b>-</b>	<b>1,453.00</b>	<b>4,819.50</b>	<b>-</b>	<b>-</b>
31-Mar	Interest Income	494.67													
<b>03/31/20 Balance</b>		<b>494.67</b>		<b>-</b>	<b>507,760.53</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
15-Apr	Barr Engineering		1719	6,698.00		2,380.00	1,016.00	629.00				765.00	1,908.00		
15-Apr	Campbell Knutson		1720	273.00						273.00					
15-Apr	Barr Engineering		1721	6,350.00		1,782.50	2,266.00	85.00				1,781.50	435.00		
15-Apr	Campbell Knutson		1722	95.00						95.00					
30-Apr	Interest Income	241.36													
<b>04/30/20 Balance</b>		<b>241.36</b>		<b>13,416.00</b>	<b>494,585.89</b>	<b>4,162.50</b>	<b>3,282.00</b>	<b>714.00</b>	<b>-</b>	<b>368.00</b>	<b>-</b>	<b>2,546.50</b>	<b>2,343.00</b>	<b>-</b>	<b>-</b>
20-May	Barr Engineering		1723	11,997.49		7,668.54	1,968.45	-				1,535.50	825.00		
20-May	Campbell Knutson		1724	595.00						595.00					
20-May	Dakota County Soil & Water Conservation		1725	2,075.00		-	-	-				2,075.00	-		
31-May	Interest Income	87.76													
<b>05/31/20 Balance</b>		<b>87.76</b>		<b>14,667.49</b>	<b>480,006.16</b>	<b>7,668.54</b>	<b>1,968.45</b>	<b>-</b>	<b>-</b>	<b>595.00</b>	<b>-</b>	<b>3,610.50</b>	<b>825.00</b>	<b>-</b>	<b>-</b>
17-Jun	Campbell Knutson		1727	323.00						323.00					
17-Jun	Void		1728	-											-
17-Jun	Barr Engineering		1729	4,443.15		1,923.50	2,249.65	-				270.00	-		
30-Jun	Interest Income	12.49													
<b>06/30/20 Balance</b>		<b>12.49</b>		<b>4,766.15</b>	<b>475,252.50</b>	<b>1,923.50</b>	<b>2,249.65</b>	<b>-</b>	<b>-</b>	<b>323.00</b>	<b>-</b>	<b>270.00</b>	<b>-</b>	<b>-</b>	<b>-</b>
15-Jul	Barr Engineering		1730	4,940.28		1,689.00	3,197.28	-				54.00	-		
15-Jul	Campbell Knutson		1731	306.00						306.00					
15-Jul	League of MN Cities Insurance Trust		1732	2,812.00					2,812.00						
31-Jul	Interest Income	8.09													
<b>07/31/20 Balance</b>		<b>8.09</b>		<b>8,058.28</b>	<b>467,202.31</b>	<b>1,689.00</b>	<b>3,197.28</b>	<b>-</b>	<b>2,812.00</b>	<b>306.00</b>	<b>-</b>	<b>54.00</b>	<b>-</b>	<b>-</b>	<b>-</b>
5-Aug	City of Lakeville	29,773.00													
11-Aug	City of Apple Valley	12,110.00													
11-Aug	City of Eagan	568.00													
21-Aug	City of Burnsville	110,549.00													
31-Aug	Interest Income	9.23													
<b>08/31/20 Balance</b>		<b>153,009.23</b>		<b>-</b>	<b>620,211.54</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2020**

Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	Expenditures:									
						General Engineering Support	Special Projects (General)	Special Projects (Capital)	Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public	Contingency
16-Sep	Barr Engineering		1733	11,566.10		2,757.00	6,877.10	-				288.00	1,644.00		
16-Sep	Campbell Knutson		1734	323.00						323.00					
16-Sep	Dakota County Soil & Water Conserv Dist		1735	8,475.00			-	-				8,475.00			
16-Sep	MMKR		1726	5,084.00			-	-		5,084.00		-			
30-Sep	Interest Income	10.17													
<b>09/30/20 Balance</b>		<b>10.17</b>		<b>25,448.10</b>	<b>594,773.61</b>	<b>2,757.00</b>	<b>6,877.10</b>	<b>-</b>	<b>-</b>	<b>5,407.00</b>	<b>-</b>	<b>8,763.00</b>	<b>1,644.00</b>	<b>-</b>	<b>-</b>
21-Oct	Barr Engineering		1736	6,646.15		1,932.00	4,602.65	-					111.50		
21-Oct	Campbell Knutson		1737	1,094.00						1,094.00					
21-Oct	ECM Publishers		1738	25.50		-								25.50	
31-Oct	Interest Income	10.03													
<b>10/31/20 Balance</b>		<b>10.03</b>		<b>7,765.65</b>	<b>587,017.99</b>	<b>1,932.00</b>	<b>4,602.65</b>	<b>-</b>	<b>-</b>	<b>1,094.00</b>	<b>-</b>	<b>-</b>	<b>111.50</b>	<b>25.50</b>	<b>-</b>
18-Nov	Barr Engineering		1739	4,717.90		1,699.50	3,018.40	-					-		
18-Nov	Campbell Knutson		1740	306.00						306.00					
18-Nov	Dakota County Soil & Water Conserv Dist		1741	4,895.00			4,500.00	-				395.00			
30-Nov	Interest Income	9.63													
<b>11/30/20 Balance</b>		<b>9.63</b>		<b>9,918.90</b>	<b>577,108.72</b>	<b>1,699.50</b>	<b>7,518.40</b>	<b>-</b>	<b>-</b>	<b>306.00</b>	<b>-</b>	<b>395.00</b>	<b>-</b>	<b>-</b>	<b>-</b>
16-Dec	Barr Engineering		1742	4,360.50		1,516.00	2,844.50	-					-		
16-Dec	Campbell Knutson		1743	170.00						170.00					
16-Dec	Innovative Office Solutions		1744	115.22										-	115.22
7-Dec	League of MN Cities	511.00							(511.00)						
31-Dec	Interest Income	9.92													
<b>12/31/20 Balance</b>		<b>520.92</b>		<b>4,645.72</b>	<b>572,983.92</b>	<b>1,516.00</b>	<b>2,844.50</b>	<b>-</b>	<b>(511.00)</b>	<b>170.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>115.22</b>
<b>Total Revenue</b>		<b>155,562.14</b>	<b>Total Expense</b>		<b>120,983.80</b>	<b>26,828.42</b>	<b>34,898.03</b>	<b>714.00</b>	<b>2,301.00</b>	<b>9,459.40</b>	<b>19,296.23</b>	<b>17,092.00</b>	<b>9,743.00</b>	<b>25.50</b>	<b>115.22</b>
<b>Less: 2019 A/R</b>		<b>-</b>	<b>Less: 2019 A/P</b>		<b>(23,618.73)</b>	<b>(1,875.00)</b>	<b>(1,908.50)</b>	<b>-</b>	<b>-</b>	<b>(224.00)</b>	<b>(19,296.23)</b>	<b>(315.00)</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>December LMC insurance reclass</b>		<b>(511.00)</b>			<b>(511.00)</b>										
<b>Total YTD 2020 Revenue</b>		<b>155,051.14</b>	<b>Total YTD 2020 Exp</b>		<b>96,854.07</b>	<b>24,953.42</b>	<b>32,989.53</b>	<b>714.00</b>	<b>2,301.00</b>	<b>9,235.40</b>	<b>-</b>	<b>16,777.00</b>	<b>9,743.00</b>	<b>25.50</b>	<b>115.22</b>
			<b>2020 Budget</b>		<b>145,700.00</b>	<b>31,000.00</b>	<b>46,500.00</b>	<b>-</b>	<b>3,000.00</b>	<b>8,400.00</b>	<b>18,000.00</b>	<b>17,900.00</b>	<b>15,400.00</b>	<b>500.00</b>	<b>5,000.00</b>
			<b>Budget Remaining</b>		<b>48,846.00</b>	<b>6,047.00</b>	<b>13,510.47</b>	<b>(714.00)</b>	<b>699.00</b>	<b>(835.40)</b>	<b>18,000.00</b>	<b>1,123.00</b>	<b>5,657.00</b>	<b>474.50</b>	<b>4,884.78</b>

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2021**

					Expenditures:											
					Monthly	General	Special	Special	Special							
Date	Description	Deposits	Check #	Check Amount	Cash Balance	Engineering Support	Projects (General)	Projects (Capital)	Projects (Gen. Reserve)	Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public	Contingency
Balance as of 12/31/20					572,983.92											
20-Jan	Barr Engineering Co (2020)		1745	4,253.50		2,637.50	1,508.00	-	-					108.00		
20-Jan	Campbell Knutson (2020)		1746	85.00							85.00					
20-Jan	Met Council - Environ Services (2020)		1747	3,040.00										3,040.00		
31-Jan	Interest Income	9.67														
01/31/20 Balance		9.67		7,378.50	565,615.09	2,637.50	1,508.00	-	-	-	85.00	-	-	3,148.00	-	-
17-Feb	Barr Engineering Co		1748	5,732.00		2,284.00	89.50	1,155.00	1,186.00					1,017.50		
17-Feb	Campbell Knutson		1749	340.00							340.00					
17-Feb	City of Burnsville (2020)		1750	19,101.21								19,101.21				
17-Feb	Dakota County Soil & Water (2020)		1751	2,765.00			2,250.00	-	-				515.00			
28-Feb	Interest Income	8.72														
02/28/20 Balance		8.72		27,938.21	537,685.60	2,284.00	2,339.50	1,155.00	1,186.00	-	340.00	19,101.21	515.00	1,017.50	-	-
17-Mar	Barr Engineering		1752	11,973.00		1,912.00	2,084.00	525.00	1,232.00		-		483.50	5,736.50		
31-Mar	Interest Income	8.17														
03/31/20 Balance		8.17		11,973.00	525,720.77	1,912.00	2,084.00	525.00	1,232.00	-	-	-	483.50	5,736.50	-	-
21-Apr	Barr Engineering		1753	15,238.00		3,632.50	2,141.50	350.00	2,736.00				3,461.00	2,917.00		
21-Apr	Campbell Knutson		1754	391.00							391.00					
30-Apr	Interest Income	4.22														
04/30/20 Balance		4.22		15,629.00	510,095.99	3,632.50	2,141.50	350.00	2,736.00	-	391.00	-	3,461.00	2,917.00	-	-
19-May	Barr Engineering		1755	7,563.04		1,296.00	854.54	-	4,212.00				888.00	312.50		
19-May	Dakota County Soil & Water Conservation		1756	680.00		-	-	-	-				680.00	-		
31-May	Interest Income	4.35														
05/31/20 Balance		4.35		8,243.04	501,857.30	1,296.00	854.54	-	4,212.00	-	-	-	1,568.00	312.50	-	-
16-Jun	Barr Engineering		1757	5,997.32		2,564.50	1,830.82	-	1,085.00				148.00	369.00		
16-Jun	Campbell Knutson		1758	238.00							238.00					
30-Jun	Interest Income	4.21														
06/30/20 Balance		4.21		6,235.32	495,626.19	2,564.50	1,830.82	-	1,085.00	-	238.00	-	148.00	369.00	-	-
21-Jul	Barr Engineering		1759	9,460.56		1,199.50	2,118.90	-	4,519.00				-	1,623.16		
21-Jul	Campbell Knutson		1760	425.00							425.00					
31-Jul	Interest Income	4.31														
07/31/20 Balance		4.31		9,885.56	485,744.94	1,199.50	2,118.90	-	4,519.00	-	425.00	-	-	1,623.16	-	-
18-Aug	Barr Engineering		1761	10,009.02		1,777.50	3,111.04	1,330.00	2,086.50					1,703.98		
18-Aug	Dakota County Soil & Water Conserv Dist		1762	10,830.00			750.00		-				10,080.00			
31-Aug	Interest Income	4.03														
08/31/20 Balance		4.03		20,839.02	464,909.95	1,777.50	3,861.04	1,330.00	2,086.50	-	-	-	10,080.00	1,703.98	-	-

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2021**

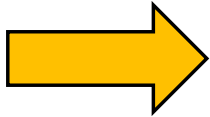
Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	Expenditures:				Insurance	Legal & Audit	Admin Support	Public Education	Water Quality Monitoring	Conf Public	Contingency
						General Engineering Support	Special Projects (General)	Special Projects (Capital)	Special Projects (Gen. Reserve)							
15-Sep	Barr Engineering		1763	11,255.34		2,310.94	2,252.40	3,171.50	3,520.50				-	-		
15-Sep	League of MN Cities Insurance Trust		1764	2,701.00						2,701.00						
9-Sep	City of Lakeville	30,101.00														
28-Sep	City of Apple Valley	12,262.00														
28-Sep	City of Eagan	580.00														
30-Sep	Interest Income	4.02														
<b>09/30/20 Balance</b>		42,947.02		13,956.34	<b>493,900.63</b>	2,310.94	2,252.40	3,171.50	3,520.50	2,701.00	-	-	-	-	-	-
20-Oct	Barr Engineering		1765	14,399.18		2,298.62	2,677.06	6,832.00	2,591.50					-		
20-Oct	Campbell Knutson		1766	459.00							459.00					
20-Oct	HAB Aquatic Solutions		1767	110,658.00		-		110,658.00							-	
30-Oct	City of Burnsville	110,057.00														
31-Oct	Interest Income	4.96														
<b>10/31/20 Balance</b>		110,061.96		125,516.18	<b>478,446.41</b>	2,298.62	2,677.06	117,490.00	2,591.50	-	459.00	-	-	-	-	-
17-Nov	Barr Engineering		1768	3,849.30		1,062.50	425.80	1,050.00	1,311.00					-		
17-Nov	Campbell Knutson		1769	204.00							204.00					
17-Nov	Dakota County Soil & Water Conserv Dist		1770	10,400.00			6,000.00	-	-				4,400.00			
30-Nov	Interest Income	3.93														
<b>11/30/20 Balance</b>		3.93		14,453.30	<b>463,997.04</b>	1,062.50	6,425.80	1,050.00	1,311.00	-	204.00	-	4,400.00	-	-	-
15-Dec	Barr Engineering		1771	5,634.94		1,566.44	145.50	1,137.50	2,785.50					-		
15-Dec	Campbell Knutson		1772	306.00							306.00					
15-Dec	Barr Engineering		1773	2,362.50		-	-	2,362.50	-					-		
22-Dec	League of MN Cities	1,294.00								(1,294.00)						
31-Dec	Interest Income	4.02														
<b>12/31/20 Balance</b>		1,298.02		8,303.44	<b>456,991.62</b>	1,566.44	145.50	3,500.00	2,785.50	(1,294.00)	306.00	-	-	-	-	-
<b>Total Revenue</b>		154,358.61	<b>Total Expense</b>		270,350.91	24,542.00	28,239.06	128,571.50	27,265.00	1,407.00	2,448.00	19,101.21	20,655.50	16,827.64	-	-
<b>Less: 2020 A/R</b>		-	<b>Less: 2020 A/P</b>		(29,244.71)	(2,637.50)	(3,758.00)	-	-	-	(85.00)	(19,101.21)	(515.00)	(3,148.00)	-	-
<b>December LMC insurance reclass</b>		(1,294.00)			(1,294.00)											
<b>Total YTD 2020 Revenue</b>		153,064.61	<b>Total YTD 2021 Exp</b>		239,812.20	21,904.50	24,481.06	128,571.50	27,265.00	1,407.00	2,363.00	-	20,140.50	13,679.64	-	-
			<b>2021 Budget</b>		214,500.00	31,000.00	36,800.00	10,000.00	70,000.00	3,000.00	5,000.00	18,000.00	18,100.00	17,100.00	500.00	5,000.00
<b>YTD Interest Income</b>		<b>64.61</b>	<b>Budget Remaining</b>		(25,312.00)	9,096.00	12,318.94	(118,571.50)	42,735.00	1,593.00	2,637.00	18,000.00	(2,040.50)	3,420.36	500.00	5,000.00

**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2021**

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	Contingency
<b>Detail Listing of Receivables/Payables</b>				(86,747.59)												
	<b>2020 A/R</b>			<b>2020 A/P</b>												
				Barr Engineering Co (2020)	4,253.50	2,637.50	1,508.00	-	-		85.00			108.00		
				Campbell Knutson (2020)	85.00											
				Met Council - Environ Services (2020)	3,040.00									3,040.00		
				City of Burnsville (2020)	19,101.21							19,101.21				
				Dakota County Soil & Water (2020)	2,765.00		2,250.00	-	-				515.00			
		0.00			29,244.71	2,637.50	3,758.00	-	-	-	85.00	19,101.21	515.00	3,148.00	-	

**2020 Ending Fund Balance** **572,983.92** cash balance as of 12/31/2020 - fund balance will change with 2020 receivables and payables  
(29,244.71) 2020 payables  
**543,739.21** updated 2020 ending fund balance/ Jan 1, 2020 beginning fund balance

	<b>2021 A/R</b>			<b>2021 A/P</b>												
State of Mn Grant - Capital Fund	65,926.24			Barr Engineering Co (2021)	9,154.44	4,758.94	1,406.00	-	2,989.50					-		
				Campbell Knutson (2021)	-						-					
				Met Council - Environ Services (2021)	3,800.00									3,800.00		
				Campbell Knutson (2021)	221.00						221.00					
				City of Burnsville (2021)	24,302.86							24,302.86				
				Dakota County Soil & Water (2021)	1,280.00		-	-	-				1,280.00			
	65,926.24				38,758.30	4,758.94	1,406.00	-	2,989.50	-	221.00	24,302.86	1,280.00	3,800.00	-	



Line 108	<b>Total YTD 2021 Exp (12/31)</b>	239,812.20	21,904.50	24,481.06	128,571.50	27,265.00	1,407.00	2,363.00	-	20,140.50	13,679.64	-	-
Line 143	Plus 2021 A/P	38,758.30	4,758.94	1,406.00	0.00	2,989.50	0.00	221.00	24,302.86	1,280.00	3,800.00	0.00	0.00
	<b>2021 Expenses with accruals</b>	<b>278,570.50</b>	<b>26,663.44</b>	<b>25,887.06</b>	<b>128,571.50</b>	<b>30,254.50</b>	<b>1,407.00</b>	<b>2,584.00</b>	<b>24,302.86</b>	<b>21,420.50</b>	<b>17,479.64</b>	<b>0.00</b>	<b>0.00</b>
	<b>Expenses by Fund:</b>												
	General Fund	149,999.00											
	Capital Fund	128,571.50											
		<b>278,570.50</b>											

**2021 Ending Fund Balance** **456,991.62** cash balance as of 12/31/2021 - fund balance will change with 2021 receivables and payables  
(38,758.30) less: 2021 payables  
65,926.24 plus: 2021 receivables  
**484,159.56** updated 2021 ending fund balance/ Jan 1, 2022 beginning fund balance



**BLACK DOG WMO**  
**CASH ACTIVITY REPORT 2022**

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	Contingency
Balance as of 12/31/21						456,991.62											
19-Jan		Barr Engineering Co (2021)		1774	9,154.44		4,758.94	1,406.00	-	2,989.50					-		
19-Jan		Met Council - Environ Services (2021)		1775	3,800.00										3,800.00		
20-Jan		State of MN Grant (2021) - Cap	65,926.24														
31-Jan		Interest Income	4.16														
<b>01/31/20 Balance</b>			65,930.40		12,954.44	<b>509,967.58</b>	4,758.94	1,406.00	-	2,989.50	-	-	-	-	3,800.00	-	-
16-Feb		Barr Engineering Co		1776	11,132.63		2,156.63	163.00	-	7,965.00				655.50	192.50		
16-Feb		Campbell Knutson (2021)		1777	221.00							221.00					
16-Feb		City of Burnsville (2021)		1778	24,302.86								24,302.86				
16-Feb		Dakota County Soil & Water (2021)		1779	1,280.00			-	-	-				1,280.00			
28-Feb		Interest Income	0.00														
<b>02/28/20 Balance</b>			0.00		36,936.49	<b>473,031.09</b>	2,156.63	163.00	-	7,965.00	-	221.00	24,302.86	1,935.50	192.50	-	-
<b>Total Revenue</b>			65,930.40	<b>Total Expense</b>		49,890.93	6,915.57	1,569.00	-	10,954.50	-	221.00	24,302.86	1,935.50	3,992.50	-	-
<b>Less: 2021 A/R</b>			(65,926.24)	<b>Less: 2021 A/P</b>		(38,758.30)	(4,758.94)	(1,406.00)	-	(2,989.50)	-	(221.00)	(24,302.86)	(1,280.00)	(3,800.00)	-	-
December LMC insurance reclass			-			-											
<b>Total YTD 2022 Revenue</b>			4.16	<b>Total YTD 2022 Exp</b>		11,132.63	2,156.63	163.00	-	7,965.00	-	-	-	655.50	192.50	-	-
					<b>2022 Budget</b>	186,750.00	31,000.00	40,600.00	5,000.00	40,000.00	3,000.00	5,500.00	19,000.00	20,050.00	17,100.00	500.00	5,000.00
					<b>Budget Remaining</b>	175,617.00	28,843.00	40,437.00	5,000.00	32,035.00	3,000.00	5,500.00	19,000.00	19,394.50	16,907.50	500.00	5,000.00

## Bank Reconciliation

as of Month End

**Balance per Books at month end:** **572,983.92**

Outstanding Checks:

1724 595.00

1725 2,075.00

**Bank Balance at month end:** **575,653.92**

4M Balance 482,676.16 <- enter balance here

US Bank Balance 0.00

*difference* 92,977.76