BLACK DOG
Watershed Management Organization

2025 ANNUAL ACTIVITY REPORT

Prepared for
Black Dog Watershed
Management Commission

April 2026

2025 BOARD MEMBERS

The Black Dog Watershed Management Organization (WMO) was established by a joint powers agreement. The member cities appoint Board Members (and alternates) to serve three-year terms. The 2025 Black Dog WMO Board Members and the city/cities they represent are listed below:

Board Members:	Term Ending
1. Curtis Enestvedt (Chair) Representing the City of Burnsville	November 2026
2. Mike Hughes (Vice-Chair) Representing the City of Burnsville	November 2026
3. Scott Thureen (Secretary/Treasurer) Representing the City of Lakeville	November 2026
4. Paul Below [Appointed in August 2025] Todd Christopherson [Resigned July 2025] Representing the City of Burnsville	November 2026
5. Rollie Greeno Representing the Cities of Apple Valley and Eagan	November 2026

Alternate Board Members:	Term Ending
1. Ben Maas [Appointed in August 2025] Representing City of Burnsville	November 2025
2. Greg Helms Representing the Cities of Apple Valley and Eagan	November 2026
3. Vacant as of December 2025 Representing the City of Lakeville	November 2026

CONSULTANTS

In accordance with Minnesota Statutes, Section 103B.227, Subdivision 5, the Black Dog Watershed Management Commission solicited interest proposals for engineering consulting, legal services, and auditor services in January 2024. As the statutes require the solicitation to occur every two years, the Black Dog Watershed Management Commission will solicit proposals again in 2026. During 2025, services for the Black Dog Watershed Management Commission Board were provided from the following consultants:

Engineering:	Barr Engineering Co. Greg Williams 4300 MarketPointe Dr. Minneapolis, MN 55435 Phone: (952) 832-2600
Legal:	Campbell, Knutson Attorneys at Law Jared Shepherd Eagandale Office Center 1380 Corporate Center Drive Eagan, MN 55121 Phone: (651) 452-5000
Auditor:	MMKR: Certified Public Accountants James Eichten 5353 Wayzata Boulevard Suite 410 Minneapolis, MN 55416 Phone: (952) 545-0424

The Black Dog WMO currently does not employ any staff. Administrative support is provided by the City of Burnsville.

Administrator	City of Burnsville Daryl Jacobson 13713 Frontier Ct. Burnsville, MN 55337 Phone: (952) 895-4574
Website:	www.blackdogwmo.org

PERMITS AND VARIANCES

The Black Dog WMO does not have a permit program.

WETLAND BANKING

The Black Dog WMO does not have a wetland banking program.

STATUS OF LOCAL PLAN ADOPTION AND IMPLEMENTATION

The Black Dog WMO adopted the 2022 Watershed Management Plan in November 2022. The member cities are required to update their official controls and/or local water management plans as needed to conform to the 2022 Black Dog WMO Plan, per Minnesota Statute 103B.235. Each of the member cities updated their local water management plans concurrent with updates to their respective 2040 Comprehensive Plans. No additional edits are required to conform to the 2022 Watershed Management Plan. Approval of local water management plans is summarized in the following table. The Black Dog WMO will coordinate with its member cities as they update their local water management plans ahead of their respective 2050 Comprehensive Plans.

City	Date of Black Dog WMO Approval	Date of City Adoption
Apple Valley	July 18, 2018	November 29, 2018
Burnsville	September 20, 2017	November 6, 2017
Eagan	December 19, 2018	March 2, 2020
Lakeville	February 20, 2019	October 7, 2019

2025 Black Dog WMO Activities

- Participated in the Metropolitan Council's Citizen-Assisted Monitoring Program (CAMP) for the following strategic water bodies:

    - Crystal Lake
    - Keller Lake
    - Kinglsey Lake
    - Lac Lavon
    - Orchard Lake

    Kinglsey Lake was again monitored through CAMP in 2025 after two years of access issues resulting from low water levels. Orchard Lake was also monitored by the Metropolitan Council in 2025 as part of rotating monitoring of select metro area lakes. Completed water quality trend analyses on these lakes using the information gathered through CAMP and the more detailed Black Dog WMO monitoring on Crystal Lake.

- Performed detailed (management level) monitoring on Crystal Lake, as recommended in the 2022 Black Dog WMO Watershed Management Plan. Water quality monitoring consisted of collecting samples on 11 occasions—following ice-out (April) and then May through September, twice per month. On each monitoring occasion, a composite surface sample of 0-2 meters was collected for laboratory analyses. Additional samples at depth were collected between 3 meters and 8 meters (at the lake bottom). Samples were analyzed for total phosphorus, chlorophyll-*a*, and chloride. Phytoplankton counts were performed on every other sample, resulting in six phytoplankton counts between May-September. Secchi disc readings were also taken during each sampling event. Field measurements of turbidity, temperature, dissolved oxygen, pH, redox potential, and specific conductivity were also taken during each sampling event. Burnsville coordinated to conduct aquatic vegetation point intercept surveys on Crystal Lake in June and August. Work included field work, lab work, QA/QC of lab data (including coordination with lab), entering data into EQuIS database, and submitting data to the MPCA (per guidance in the Black Dog WMO Plan). A report summarizing the water quality monitoring results will be completed in 2026, presented to the BDWMO commissioners, and posted on the Black Dog WMO website.

- Prepared the 2024 Orchard Lake technical memo summarizing the more detailed (management level) monitoring results and presented the technical memo at the April 16, 2025 Commission meeting.

- Developed a watershed annual report/newsletter to share 2024 accomplishments with member communities and stakeholders. The newsletter was posted to the Black Dog WMO website, distributed through member communities, and was incorporated into the 2024 annual activity report submitted to the Minnesota Board of Water and Soil Resources).

- Conducted an annual evaluation of Black Dog WMO programs and documented the results in an annual activity report. The 2024 annual activity report includes the 2024 watershed annual report/newsletter (see above item) and meets all State reporting requirements. The 2024annual activity report was posted to the Black Dog WMO website and submitted to the Minnesota Board of Water and Soil Resources (BWSR).

- Partnered with the Dakota County SWCD by providing funding and support to install 12 water quality improvement projects in 2025 through the Landscaping for Clean Water program for Black Dog WMO residents, consistent with SWCD cost share policies. Projects included six rainwater gardens and six native plant gardens.

- Partnered with the Dakota County SWCD to fund Landscaping for Clean Water workshops. The workshops include three programs—Introduction to Clean Water Class, Design Course, and Maintenance Workshop. Programming in 2025 included a combination of in-person classes and virtual learning options. Four in-person and one virtual Introduction to Clean Water Class offerings were held in the spring followed by six design courses. A total of 112 residents county-wide participated in the Introduction classes and 32 Black Dog WMO designed projects. Project materials for participants were made available online and an "Office Hours" program was used to provide virtual consultations to Design Course class participants. A total of 18 residents county-wide participated in an additional class focusing on shoreline areas (introduced in 2023). In 2025, one Maintenance class was taught in the spring focused on maintenance for all seasons. A total of 13 people attended the Maintenance class county-wide.

- Completed the 2024 financial audit of the Black Dog WMO—statute changes allow the Black Dog WMO to perform audits every five years, rather than every year. The prior audit was prepared in 2020 for year 2019. The next audit will be prepared in 2030 for year 2029.

- Allocated watershed based implementation funding to fund stormwater pond enhancements and other watershed improvements in Apple Valley. Pond improvement construction is planned for 2026.

- Contracted with Carp Solutions to remove invasive goldfish from Keller Lake using a combination of electrofishing and/or trap netting. Site visits in late 2025 did not identify schooling goldfish. Removals are planned to continue in 2026 using trap netting.

- Formulated and approved the year 2026 Work Plan and Budget.

- Reviewed and responded to any issues and opportunities brought to the attention of the Black Dog WMO.

- Maintained and updated the Black Dog WMO website.

- Continued implementing plan to accrue funds in 1) a Capital Improvement Fund, to be used for future Black Dog WMO internal load reduction projects stemming from TMDLs for lakes with

intercommunity shoreline (Crystal Lake, Keller Lake, and Lac Lavon) and 2) a General Fund Reserve to be used for the Black Dog WMO Watershed Management Plan ten-year update.

Table 1 shows the Status of Implementation Tasks from the Black Dog WMO 2022-2032 *Watershed Management Plan*

2025 Black Dog WMO Expenditures

	BUDGET	ACTUAL
General Engineering Support Consulting services for engineering support, such as to prepare for and attend meetings; review/respond to issues and opportunities; assist with BWSR watershed-based implementation funding grant process; apply for grants; review/comment on proposed projects, EAWs, revisions to local water management plans, comprehensive plans, and other plans; communications/meetings with agencies and member cities; track and report on impaired waters and TMDL issues, and other tasks.	$34,000	$18,710
Special Projects – General Fund:		
Crystal Lake Management Level Monitoring Funding to conduct "management level" monitoring of the lake's water quality, per guidance in the Black Dog WMO Plan.	$22,300	$18,324
Dakota County SWCD—Landscaping for Clean Water Program Support Funds to partner with the Dakota County SWCD Landscaping for Clean Water program for Black Dog WMO residents.	$16,200	$10,015
Reporting on 2023 Keller Lake Management Level Monitoring Prepare the 2022 Lac Lavon technical memo summarizing the monitoring results and a presentation for a Commission meeting.	$7,500	$5,943
Special Projects – Capital Improvement Fund:	$0	$0
Special Projects – General Fund Reserve:	$0	$0
Insurance:	$2,500	$2,828
Legal and Audit: Consulting fees for legal services.	$11,000	$6,920
Administrative Services: City of Burnsville charges for providing administrative services to the Commission, including staff time, printing and postage. This also includes City accounting staff time to prepare the annual finance statement in years when an audit not required.	$25,000	$22,268
Public Education: Cost to produce and distribute the annual activity report and watershed annual report, funding support for the Dakota County	$25,700	$24,546

SWCD Landscaping for Clean Water workshop support, and costs to maintain and redesign the Black Dog WMO website.		
Water Quality Monitoring: Cost associated with water quality monitoring programs, including the habitat monitoring program, Metropolitan Council's CAMP, and analysis of water quality data.	$5,400	$4,754
Conference / Publications: Commissioner training and education materials.	$500	$0
Contingency: Funding for unexpected expenses and/or new program opportunities approved by the Commission	$5,000	$0
Expenditure Total:	**$155,100**	**$114,309**

2024 Black Dog WMO Revenues

	BUDGET	ACTUAL
Interest	$15,000	$25,303
Member City Contributions (Fees)	$119,000	$119,000
Member City Contributions—Capital Improvement Fund	$12,500	$12,500
Grants	$0	$0
Fund Balance Utilized	$0	$0
Revenue Total:	**$146.500**	**$156,803**

2025 Black Dog WMO Planned Changes in Fund Balance

	BUDGET	ACTUAL
Capital Improvement Fund: This fund serves as a savings account for future internal load reduction projects stemming from TMDLs.	$12,500	$12,500
General Fund Reserve: This fund serves as a savings account for the Black Dog WMO watershed plan ten-year update.	($21,100)	$42,495
Planned Changes in Fund Balance Total:	**($8,600)**	**$54,995**

2026 Black Dog WMO Work Plan

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

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

    Complete water quality trend analyses on these lakes using the information gathered through CAMP and the more detailed monitoring on Crystal Lake (performed in 2025).

2. Perform more detailed (management level) 2026 monitoring on Lac Lavon as recommended in the updated 2022 Black Dog WMO Watershed Management Plan. The 2026 monitoring includes water quality monitoring and aquatic vegetation surveys of Lac Lavon The water quality monitoring will consist of collecting samples on 11 occasions—ice-out (April) and then May through September, twice per month. On each monitoring occasion, analytical samples will be collected at seven depths at the deepest spot in the lake (in the main basin)—a surface sample, plus six samples at one-meter intervals from three to eight meters. The samples will be analyzed for total phosphorus and chlorophyll-*a*. Top and bottom samples will be analyzed for chloride. Surface samples will be collected for phytoplankton counts every other sampling event, or once per month April-September, for a total of six phytoplankton count samples. In addition, Secchi disc readings will be taken. Field measurements of temperature, dissolved oxygen, pH, redox potential, and specific conductivity will be taken at one meter intervals at the monitoring location. Turbidity field measurements will also be taken on the surface water sample at the monitoring location. In 2026, the work includes field work, lab work, QA/QC of lab data (including coordination with lab), entering data into EQuIS database, and submitting data to the MPCA (per guidance in the BDWMO Plan). The City of Apple Valley will perform on contract for two aquatic vegetation point intercept surveys on Lac Lavon—one in June and one in August. In 2027, work will include preparing the summary report of the monitoring results and preparing a presentation for a Commission meeting.
3. Complete Goldfish removal efforts in Keller Lake contracted with Carp Solutions and initiated in 2025 and share results with member communities.
4. Prepare the 2025 Crystal Lake report summarizing the more detailed (management level) monitoring results and deliver a presentation for a Commission meeting.
5. Assess and document progress made in 2025 towards goals adopted in the 2022 Black Dog Watershed Management Plan. Progress will be reported in the 2026 annual activity report prepared in early 2027.
6. Prepare an annual report/newsletter that documents watershed programs and achievements from 2025 and share the newsletter with member communities and partners.
7. Develop an annual activity report based on this information that is submitted to the Minnesota Board of Water and Soil Resources (and incorporating the annual report/newsletter).

8. Hold at least one meeting with the member cities, Dakota County SWCD, and Dakota County to align the BDWMO implementation schedule with partner and member city capital improvement programs, as needed, discuss opportunities to leverage watershed based implementation funding, and establish a work plan for the coming year.
9. Partner with the Dakota County SWCD by providing funding and technical support to install up to 18 water quality improvement projects (e.g., raingardens, native plantings and shoreline stabilization projects) through the Landscaping for Clean Water program for Black Dog WMO residents, consistent with SWCD cost share policies.
10. Partner with the Dakota County SWCD to fund Landscaping for Clean Water workshops. The workshops include three programs—Introduction to Clean Water Class, Design Course, Shoreline Course, and Maintenance Workshop. Programming in 2026 will include live, in-person classes and on-demand, pre-recorded videos. Project materials for participants will be available online and an "Office Hours" program will be used to provide virtual consultations to Design Course class participants. The Maintenance Workshop classes focus on maintenance for a given season (Spring, Summer and Fall) allowing for season specific information on how to maintain and promote the health, performance, and beauty of their garden. A class focused on shoreline projects will continue to be offered.
11. Partner with the Dakota County SWCD to deliver a presentation on the Lawns Reimagined program for residents to learn how to upgrade their lawns to require less water and fertilizer.
12. Partner with Dakota County SWCD to provide funding to support technical assistance for projects implemented via the Lawns Reimagined program.
13. Complete the 2025 financial statement. Statute allows the Black Dog WMO to perform audits every five years and prepare an annual finance statement in intervening years. As the last audit was prepared in 2025 for year 2024, the next audit needs to be prepared in 2030 for year 2029.
14. As budget allows, prepare up to two educational pieces/presentations for the Commission regarding new technology (e.g., new stormwater best management practices, new lake treatment technologies, etc.) and/or aquatic invasive species.
15. Apply for grants and/or assist member cities with grant applications.
16. Assist with BWSR watershed-based funding.
17. Formulate and approve the year 2027 Work Plan and Budget.
18. Review and respond to any issues and opportunities brought to the attention of the Black Dog WMO.
19. Maintain and update web site.
20. Respond to requests to partner with member communities, Dakota County, and Dakota County SWCD on educational outreach programs.
21. Keep abreast of changes to regulatory, water quality, and other programs, including: TMDL program and additions to/removals from the impaired waters list; wetland classification methodology to replace MnRAM; and development of Atlas 15 precipitation estimates.
22. Review revisions to local water management plans, comprehensive plans, and local ordinances, as needed. No reviews are expected in 2026, as all member cities' plans have been reviewed and approved. Local plan updates may begin as early as 2026, but BDWMO review will likely not be required until 2027 or later.

23. Continue implementing plan to accrue funds in a Capital Improvement Fund for the BDWMO watershed plan ten-year update and future projects including BDWMO internal load reduction projects stemming from TMDLs for lakes with intercommunity shoreline (Crystal Lake, Keller Lake, and Lac Lavon).

—See Attached Watershed Annual Report for information on the 2025 Budget—

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
Administrative and Engineering					
AE-1	General Administration	Administration includes services of a contracted administrator as well as recording services. The BDWMO administrator will lead budgeting, preparing agendas and meeting packets, facilitating meeting discussions, correspondence, fielding questions or requests from agencies or residents, annual work planning, and other miscellaneous administration tasks not specifically addressed via other activities in this table.	Ongoing	Black Dog WMO continues to perform these actions as needed/requested.	Continue to perform as needed/requested.
AE-2	Legal, audit, and insurance	Task includes maintaining contracted services for legal, audit, and insurance needs.	Ongoing	Black Dog WMO continues to perform these actions as needed/requested. Black Dog WMO completed a full audit in 2025.	Continue to perform as needed/requested; the next full audit will be performed in 2030.
AE-3	Annual Report to BWSR	Annual Report to BWSR Annual reporting to the MN Board of Water and Soil Resources required by MN Rules 8410.0150.	Annually	Submitted annually; per revised statute, the Black Dog WMO is required to perform an audit every 5 years, rather than annually. In the other years, the Black Dog WMO completed an audit for year 2024 in 2025.	Continue to complete annually; prepare next audit in 2030; prepare annual finance statements in intervening years.
AE-4	Biennial progress review	BDWMO staff will assess the level of progress achieved on each of the BDWMO's adopted goals at least biennially. The assessment will consider measurable aspects of each goal, outputs of relevant implementation activities, and qualitative assessment, where appropriate.	Every other year	Ongoing. First review was completed in 2025 looking back at 2023-2024.	The next biennial review will be done in 2027 looking back on 2025-2026 and appended to the 2026 annual report .

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
AE-5	Grant review and application	BDWMO staff will annually review grant opportunities and prepare applications, as appropriate, to fund BDWMO and/or member city projects. Important grant sources include the MDNR, MPCA, BWSR, and federal sources.	Ongoing	Black Dog WMO continues to perform these actions as needed/requested.	Continue to apply for grants or assist member cities in their grant applications, as appropriate/requested, including participation in allocation of watershed-based implementation funding.
AE-6	Review and revise Joint Powers Agreement (JPA)	The BDWMO operates under a joint powers agreement signed by the member cities. The current agreement will expire January 1, 2030 and will need to be renewed or updated prior to expiration. See Section 12 subd. 1 of JPA.	2029	Not complete.	Update in 2029.
AE-7	Review funding mechanisms and member city dues	The BDWMO commissioners will review whether the current funding structure is sufficient to support implementation, is appropriate relative to tax burden, and if changes are necessary	2027	Not complete.	Perform in 2027.
AE-8	General Engineering	BDWMO engages its engineering consultant to provide technical assistance, review, analyses, or other services as needed to accomplish implementation tasks not otherwise identified within this table. This includes review of updates to City official controls, proposed changes to intercommunity stormwater systems, and specific projects as requested by member cities.	Ongoing	Black Dog WMO continues to perform these actions as needed/requested. In 2025 this included developing a scope of work and contracting for goldfish removal in Keller Lake in 2025 and 2026.	Continue to perform as needed/requested.

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
AE-9	Review of Local Water Management Plans	BDWMO staff will review, comment upon and recommend approval of local water management plans. BDWMO Board of Commissioners has the authority to approve local water management plans per MN Rules 8410.	2028	Black Dog WMO approved current member city plans between 2017 and 2019.	Review local water management plans as they are updated ahead of 2050 Comprehensive Plans.
AE-10	BDWMO Watershed Management Plan Update	Approximately 2-3 years before expiration of this plan, the BDWMO will begin the Plan update process. The BDWMO may initiate Plan amendments to revise implementation schedules or other Plan content, as needed.	2030	Black Dog WMO adopted the current Plan in 2022.	Perform amendments, as needed; begin Plan update in 2030.
Education and Public Outreach					
ED-1	Website Administration	The BDWMO maintains a website. BDWMO staff and/or partners will post relevant news, meeting dates, permit applications, studies/planning documents, and links to partner websites.	Ongoing	Website is hosted by Dakota SWCD and regularly updated as new material is available. Dakota SWCD redesigned the website in 2021.	Continue to maintain and update website.
ED-2	Prepare and publish annual report (newsletter)	BDWMO staff will prepare an annual newsletter targeted to a public audience. The newsletter will be published on the BDWMO website.	Annually	Completed, published, and submitted annually	Complete annually.
ED-3	Coordination with Dakota SCWD and member cities for K-12 programming	BDWMO staff will coordinate with and/or provide financial support to member cities and Dakota SWCD to develop K-12 educational programming and present material at schools within the watershed.	Ongoing	Ongoing. In 2025, BDWMO supported winter salt week to promote awareness of chloride pollution issues at Dakota County libraries.	BDWMO will support efforts initiated by member cities, Dakota County, and/or Dakota SWCD.

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
ED-4	Coordinate with member cities to develop and distribute educational information	BDWMO staff will coordinate with member cities and Dakota SWCD staff to distribute educational information related to priority issues via partner social media, websites, newsletters, and other media. Topics include, but are not limited to: - wetland protection and buffers - water conservation - invasive species prevention - winter salt use best practices	Ongoing	Provided watershed annual report to member cities and posted to Black Dog WMO website; maintained website (see above); In 2024, BDWMO provided funds to support the development of a video advertising Dakota SWCD Landscaping for Clean Water Program. In 2024, BDWMO provided funds to support development of groundwater conservation education in coordination with VRWJPO.	Continue providing watershed annual report to member cities.

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
ED-5	Sponsor workshops to support resident/ landowner stewardship practices	The BDWMO will provide financial support to fund training/workshops to support landowner natural resource stewardship activities (e.g., Dakota SWCD's Landscaping for Clean Water or similar programs)	Ongoing	Since 2009, Black Dog WMO has partnered with the Dakota SWCD to fund Landscaping for Clean Water workshops in the Black Dog WMO area. In 2025, Black Dog WMO provided funding for workshops in four program areas: 1. Introduction to Clean Water Class – four in-person and one virtual classes were held. 2. Design Course – six in-person courses were held; project materials for participants were available online and an "Office Hours" program provided virtual consultations to class participants. 3. Maintenance Workshop – one maintenance courses were provided covering maintenance in all seasons. 4. Shoreline Course – one course tailored to shoreline property owners was held.	Continue partnering with Dakota SWCD to fund workshops.
ED-6	Coordinate with partners to identify and support volunteer efforts	BDWMO staff will work with member cities to identify and facilitate opportunities for volunteers to participate in water quality monitoring, resource clean up, and other education opportunities	Ongoing	Black Dog WMO continues to work with member city and Dakota SWCD staff to identify and advertise volunteer opportunities.	Continue to perform as opportunities allow.
Monitoring					

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
MN-1	Management level monitoring of strategic waterbodies and reporting	The BDWMO funds management level monitoring of its five strategic waterbodies on a 5-year rotating basis: Crystal Lake, Keller Lake, Kingsley Lake, Lac Lavon, and Orchard Lake. Monitoring includes water chemistry (including chloride), aquatic vegetation, and phytoplankton. BDWMO staff assesses monitoring results for trends and develops a monitoring report for each lake.	Ongoing (strategic waterbodies are monitored on a 5-year cycle)	Black Dog WMO monitors strategic waterbodies on the following schedule (reports are published the following year): - Keller Lake: 2023, 2028 - Orchard Lake: 2024, 2029 - Crystal Lake: 2025, 2030 - Lac Lavon: 2026, 2031 - Kingsley Lake: 2027, 2032	Perform management level monitoring of Lac Lavon in 2026.
MN-2	CAMP monitoring of strategic waterbodies	The BDWMO works with member cities to financially support annual water quality monitoring of strategic waterbodies through the Metropolitan Council's Citizen Assisted Monitoring Program (CAMP)	Ongoing	CAMP monitoring completed annually; trend analysis completed annually.	Continue annual CAMP monitoring and trend analyses of monitoring data.
MN-3	Chloride monitoring of strategic waterbodies	The BDWMO works with member cities to fund annual chloride monitoring of strategic waterbodies if not included in CAMP monitoring (see item MN-2).	Ongoing	Black Dog WMO collects chloride data as part of management level monitoring.	Continue to collect chloride data as part of management level monitoring.
MN-4	Identification of reference lakes for water quality and ecological health benchmarks	BDWMO staff will work with member cities to identify potential reference lakes to assess/develop ecological health benchmarks for strategic waterbodies	2023	Not complete.	Defer until further removed from drought conditions and additional years of new monitoring program are completed.
MN-5	Review of ecological health monitoring strategy	BDWMO staff will work with member cities and other partners to review and revise, as needed, ecological health monitoring parameters.	2024, 2030	Not complete	Defer until further removed from drought conditions and additional years of new monitoring program are completed.
Projects and Programs – Watershed-wide					

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
PP-1	Implement small and medium-scale stormwater BMPs	Provide financial support and/or technical assistance for projects including shoreline restoration, erosion control, and stormwater management. The BDWMO will fund cost-share grants for small-scale projects. Funding for medium-scale projects will be sought through other grant sources. Project funding and technical assistance will be administered through the Dakota County SWCD or City cost share programs.	Ongoing	Since 2009, Black Dog WMO has partnered with the Dakota County SWCD by providing funding and support to install water quality improvement projects through the Landscaping for Clean Water Program for Black Dog WMO residents. Projects have included rainwater gardens, native gardens, shoreline improvements, and a bioretention site. Year / Number of projects 2009-2021: 175 2022: 9 2023: 19 2024: 16 2025: 12 Total: 231	Continue partnering with Dakota SWCD to fund water quality improvement projects.
PP-2	Groundwater protection planning and technical assistance	BDWMO staff will coordinate with MDNR, MDH, Dakota County, and other agencies in an advisory capacity to address groundwater quality and quantity issues.	As needed	No coordinated activities occurred in 2025.	Continue to coordinate with partners, as needed.
PP-3	Chloride education and outreach for landowners	Develop or obtain chloride educational materials for property owner and service companies; perform site visit outreach to promote lower salt use practices in areas of high-density land use	2023 - 2026	Not complete. In 2025, BDWMO supported winter salt week to promote awareness of chloride pollution issues at Dakota County libraries.	Develop scope for chloride education efforts with partners.
Projects and Programs – Crystal Lake Watershed					

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
CL-1	Crystal Lake watershed stormwater quality BMPs	Construct BMPs to improve stormwater quality within the Crystal Lake watershed. Priority opportunities include Crystal Beach Park and impervious areas (parking lots, roads) adjacent to Crystal Lake shoreline.	As opportunities arise	None currently planned.	Continue to look for project opportunities.
CL-2	Crystal Lake shoreline native buffers	Create or restore native buffer along degraded portions of Crystal Lake shoreline, prioritizing conversion of turf grass to native plants at Crystal Beach Park, continued buckthorn removal, and buffer management (e.g., Crystal Lake West Park). See City of Burnsville Natural Resources Master Plan (2022).	As opportunities arise	City of Burnsville is allocated approximately $30,000 towards shoreline improvements from 2023 through 2027 (see Burnsville Natural Resources Master Plan).	Provide technical or other support to the City of Burnsville, as needed.
CL-3	Crystal Lake aquatic plant management	Aquatic plant (macrophyte) management to control curlyleaf pondweed, Eurasian watermilfoil, or other AIS (littoral areas or whole lake treatments) and establish and/or promote native aquatic vegetation.	As opportunities arise	None currently planned by Black Dog WMO. The City of Burnsville plans to harvest invasives over 43 acres.	Continue to work with partners to identify project opportunities.
Projects and Programs – Keller Lake Watershed					
KL-1	Keller Lake watershed stormwater quality BMPs	Implement stormwater quality improvement BMPs identified in the Keller Lake subwatershed assessment (City of Apple Valley, 2017) and/or similar studies, prioritizing areas that are currently untreated. Planned opportunties include: - KL-1a: Improvements to Whitney Pond in the City of Apple Valley (2024) - KL-1b: Improvements to stormwater pond by Arby's in the City of Apple Valley (2025)	2024 (Whitney Pond Improvements) 2025 (Arby's Pond Improvements)	The City of Apple planning to construct improvements to Whitney Pond and other stormwater treatment practices in the Keller Lake watershed. In 2025, Black Dog WMO allocated its WBIF funds to the City to support these efforts.	Assist the City of Apple Valley in utilizing WBIF funds for construction, as needed.
KL-2	Keller Lake shoreline native buffers	Create or restore native buffer along degraded portions of Keller Lake shoreline.	As opportunities arise	None currently planned by Black Dog WMO.	e

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
KL-3	Keller Lake aquatic plant management	Aquatic plant (macrophyte) management to control curlyleaf pondweed, Eurasian watermilfoil, or other AIS, and activities to reestablish and promote native plant community consistent with the MDNR-approved Keller Lake aquatic plant management plan. Performed annually by the City of Burnsville.	As opportunities arise	No AIS plant management is currently planned by Black Dog WMO. In 2025, Black Dog WMO contracted with Carp Solutions to remove invasive goldfish from Keller Lake. No removals were completed in 2025.	Continue to work with partners to identify project opportunities. Continue goldfish removal efforts in 2026.
Projects and Programs – Kingsley Lake Watershed					
KG-1	Kingsley Lake watershed stormwater quality BMPs	Construct BMPs to improve stormwater quality within the Kingsley Lake watershed. Priority opportunities include direct discharges adjacent to Highway 5 with little or no existing treatment.	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
KG-2	Kingsley Lake shoreline native buffers	Create or restore native buffer along degraded portions of Kingsley Lake shoreline.	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
KG-3	Kingsley Lake aquatic plant management	Aquatic plant (macrophyte) management to control curlyleaf pondweed, Eurasian watermilfoil, or other AIS (littoral areas or whole lake treatments) and establish and/or promote native aquatic vegetation.	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
Projects and Programs – Lac Lavon Watershed					
LL-1	Lac Lavon watershed stormwater quality BMPs	Construct BMPs to improve stormwater quality within the Lac Lavon watershed. Priority opportunities include direct discharges with no existing treatment. - LL-1a: water quality BMPs in coordination with Lac Lavon Park parking lot improvements in the City of Apple Valley (2023)	2023 (Lac Lavon Park Improvements)	The City of Apple Valley constructed stormwater treatment as part of parking lot improvements in Lac Lavon park in 2023.	Continue to work with partners to identify project opportunities.

Table 1: Status of Implementation Tasks from 2022-2032 Black Dog WMO *Watershed Management Plan*—through December 31, 2025

Activity ID	Implementation Activity Name	Implementation Activity Description	Original Date from 2022 Plan	Status/Accomplishments	Next Steps
LL-2	Lac Lavon shoreline native buffers	Create or restore native buffer along degraded portions of Lac Lavon shoreline. Activities include invasive species management on shoreline (buckthorn and purple loosestrife).	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
LL-3	Lac Lavon aquatic plant management	Aquatic plant (macrophyte) management to control curlyleaf pondweed, Eurasian watermilfoil, or other AIS (littoral areas or whole lake treatments) and establish and/or promote native aquatic vegetation.	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
Projects and Programs – Orchard Lake Watershed					
OL-1	Orchard Lake watershed stormwater quality BMPs	Construct BMPs to improve stormwater quality within the Orchard Lake watershed. Priority opportunities include direct discharges with no existing treatment.	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
OL-2	Orchard Lake shoreline native buffers	Create or restore native buffer along degraded portions of Orchard Lake shoreline (shoreline mostly privately owned).	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.
OL-3	Orchard Lake aquatic plant management	Aquatic plant (macrophyte) management to control curlyleaf pondweed, Eurasian watermilfoil, or other AIS (littoral areas or whole lake treatments) and establish and/or promote native aquatic vegetation.	As opportunities arise	None currently planned by Black Dog WMO.	Continue to work with partners to identify project opportunities.

Activities and accomplishments performed prior to adoption of the 2022 BDWMO Watershed Management Plan are described in the 2022 Annual Report (and earlier annual reports).

2025 Watershed Annual Report (Newsletter)

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BLACK DOG
Watershed Management Organization

2025 WATERSHED ANNUAL REPORT

Published April 2026

Our Vision:

Water resources and related ecosystems are managed to sustain their long-term health and public value to contribute to the well-being of the communities within the watershed.

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:

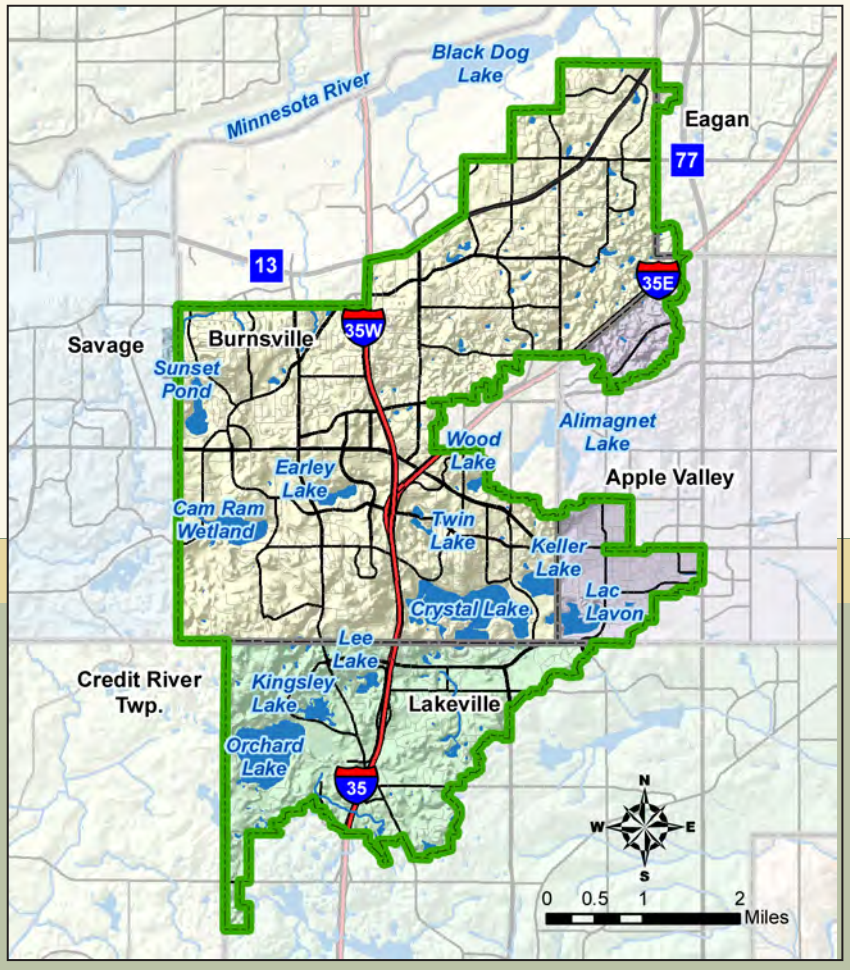
- **Trend Analysis**—The BDWMO collects water quality information to track water quality trends in its strategic waterbodies (see page 5).
- **BDWMO Goal Tracking**—The BDWMO identified metrics and outcomes associated with each goal included in its watershed management plan. At least biennially, the BDWMO evaluates those metrics to assess progress toward plan goals. Goal tracking will be reported in the 2026 annual newsletter.

This annual report outlines BDWMO and member city actions relevant to BDWMO goals and plan implementation, progress toward water quality goals in 2025, and plans for 2026 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 appointed by the cities within the watershed, including 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

Chloride Management in the Watershed

Chloride loading from the use of winter deicing salt is a significant pollutant source in the Black Dog watershed. The chemical properties of sodium chloride make it effective at melting ice but also result in the chloride dissolving in water and persisting in the environment. Salt damages property and the environment, harms aquatic species and impacts drinking water quality. Water samples from lakes, wetlands, streams, and groundwater show high chloride levels in the Twin Cities Metropolitan Area. The BDWMO's member cities and partners are taking steps to limit the overuse of salt as a winter deicer.

City Operations and Planning

Cities within the BDWMO reduce the amount and impact of their chloride use through practices outlined in their municipal stormwater (MS4) permits and following guidance in the Twin Cities Metro Area Chloride Management Plan. Some of these actions include:

- Hosting annual training for municipal salt applicators (e.g., plow drivers) to share guidance and best practices.
- Pre-treating roadways with salt brine or other chemicals ahead of winter storms to limit ice formation and reduce subsequent salting needs.
- Calibrating salt application equipment to ensure accurate application rates and reduce waste.
- Meeting with potential developers and encouraging them to consider design elements that consider winter maintenance and reduce salt needs (i.e., smart salt design).
- Sharing best practices for winter salt use, storage, and clean up with residents through social media, handouts, and other communications.

Credit: City of Apple Valley

Pretreating streets before a storm can reduce salt use.

Winter Salt Week at Dakota County Libraries

Local governments, state agencies, and non-profits across the United States sponsored the first Winter Salt Week in 2025 to raise awareness around salt pollution and reduction solutions. From January, through January 31, 2025, local partner Dakota County encouraged visitors of its public libraries to enjoy a scavenger hunt, learn how to use salt safely with a Smart Salter measuring cup, and meet mascot **Salty Dawg** to take the Smart Salter pledge.

Coordinated with Dakota County and Soil and Watershed Conservation District staff, select locations offered free Salt Watch Kits which included materials for community members to test their local lake, stream or wetland for chloride. Kits provided maps of nearby sampling locations and instructions to share testing results on their Clean Water Hub.

The local success of winter salt week at Dakota County libraries prompted continued participation in 2026 with plans to continue in future years. To learn more about Winter Salt Week, visit: **www.wintersaltweek.org**

Salty Dog's scavenger hunt promotes salt pollution awareness.

Watershed Based Implementation Funding—2025 Update

The Minnesota Board of Water and Soil Resources launched the Watershed Based Implementation Funding (WBIF) Grant Program in fiscal year 2018–2019 as an alternative to the traditional project-by-project competitive process often used to fund water quality improvement projects. This program provides dedicated funding, allocated by watershed, to allow collaborating local governments to pursue timely solutions based on a watershed's highest priority needs.

The primary purpose of this program is to implement projects and programs that protect, enhance, and restore surface water quality in lakes, rivers, and streams; protect groundwater from degradation; and protect drinking water sources.

The BDWMO convenes a meeting of city, Dakota County, and Dakota County SWCD staff annually to identify potential projects for potential WBIF funding.

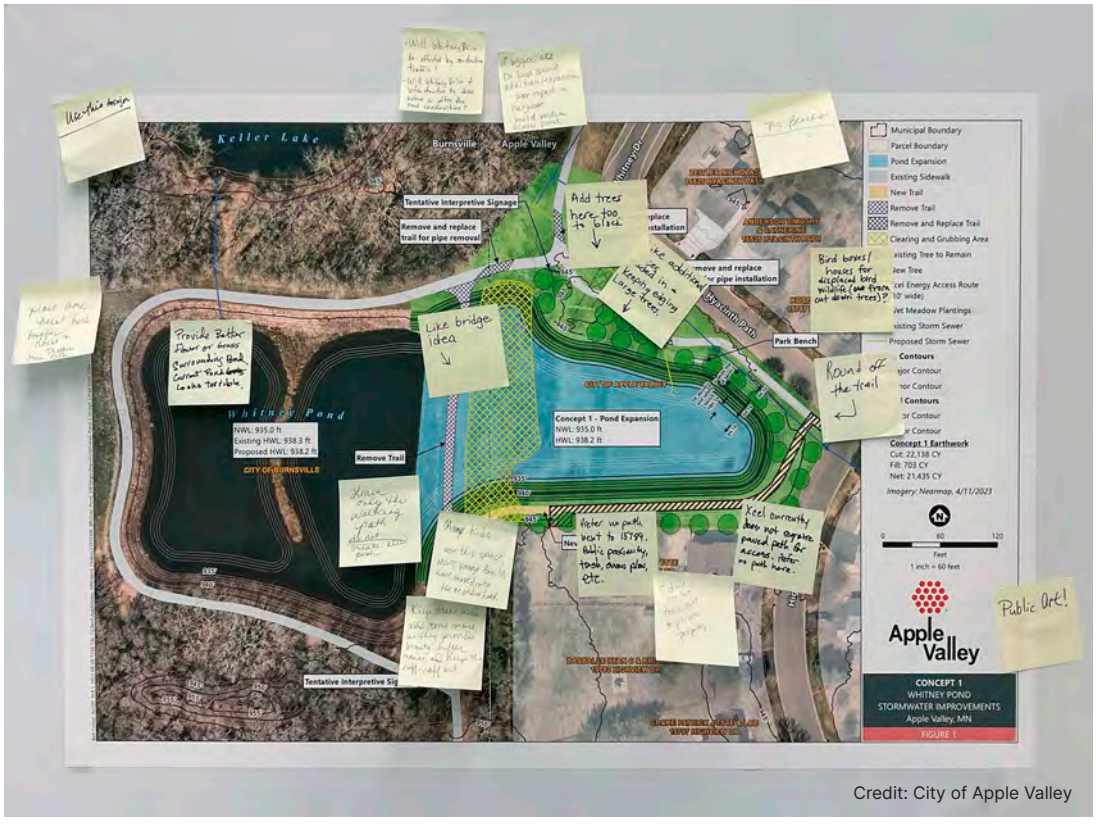
Past WBIF Accomplishments

Dakota County used WBIF funding for targeted well sealing of unused or abandoned wells in 2023 and 2024. Unused or abandoned wells are a potential threat to health, safety, and the environment since they provide a direct conduit to the groundwater aquifer. WBIF funding was used to perform an inventory and seal 14 wells within the Black Dog watershed area.

The City of Apple Valley also used WBIF funding to complete a feasibility study to evaluate opportunities for stormwater improvements surrounding pond Whitney Pond located within Keller Park. Stormwater improvements will help improve water quality and will be necessary to provide required, permit mandated stormwater management for upcoming street reconstruction projects in the surrounding neighborhood. In 2024 and 2025, the City worked with Barr Engineering to finalize plans for pond improvements based on a concept (Concept 3) that was established as part of the City's public engagement process.

WBIF Looking Forward

The BDWMO and City of Apple Valley intend to use additional WBIF funding to support the construction of the Whitney Pond improvements. Scheduling of project construction has not been finalized due in part to unknowns in other funding sources, including State bond funding. The City is optimistic that construction will begin sometime in 2026 and will keep the BDWMO and residents informed as the project progresses.



Credit: City of Apple Valley

Residents provide comments on an early concept design at a City-hosted open house.

Landscaping for Clean Water—Clean Water Starts at Home

The Dakota Soil and Water Conservation District (SWCD) Landscaping for Clean Water program provides instruction and grants property owners to install a raingarden, native garden, or native shoreline planting. The goal of the Landscaping for Clean Water program is to teach residents how to beautify their yard while also protecting local water quality and providing habitat for pollinators.

New for 2026, the program increased its grant amount from $250 to $400 with the support of financial partners like the BDWMO.

In 2025, Landscaping for Clean Water programming was held in both in-person and virtual formats. Four in-person and one virtual Introduction Classes were held in the spring and followed by six in-person design courses. Virtual learning options for the Design Course were also available. A total of 41 residents of the BDWMO participated in the introduction classes either in-person or virtually.

A total of 122 households countywide took part in the Design Course in-person or through pre-recorded videos. A total of 111 projects were designed, 32 of which were by BDWMO residents. Project materials for participants were made available online, and an "Office Hours" program was used to provide virtual consultations to online Design Course participants.

The Landscaping for Clean Water program offered an additional class for residents with shoreline areas in 2025, encouraging the use of native plantings to protect or enhance the areas. A total of 18 residents county-wide participated in the shoreline class.

A total of 43 projects county-wide were installed in 2025. 12 projects were installed within the Black Dog watershed area, including 6 rain gardens and 6 native gardens.

In the spring of 2025, one maintenance class was offered virtually. The class focused on garden maintenance across all seasons and provided participants with seasonal information on how to maintain and promote the health, performance, and beauty of their gardens. A total of 13 people county-wide attended the maintenance class.

The 2026 Landscaping for Clean Water program includes more program offerings with three shoreline classes and a return of the in-person maintenance class. Courses will be hosted primarily in-person with some virtual and on-demand options also available. New for 2026, the program increased its grant amount from $250 to $400 with the support of financial partners like the BDWMO. For more information and to sign up, visit: **www.landscapingforcleanwater.com**

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/

RAINGARDEN PROJECT EXAMPLE

Credit: Dakota SWCD

PROJECT
Installation of a 112 square foot residential raingarden in Burnsville

COST
Project materials cost estimated at $1,295

FUNDING
Landowners receive a $250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District.

BENEFITS
- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS
Black Dog Watershed Management Organization

INSTALLATION
Summer 2025

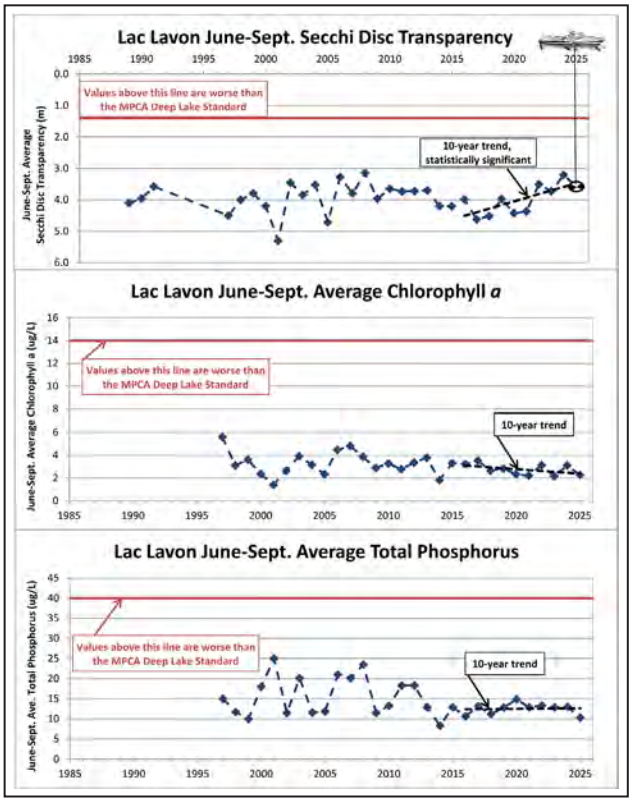
Water Quality Monitoring Program

The BDWMO and member cities continued to monitor several of their lakes during 2025 through the Metropolitan Council's Community-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 "management-level" monitoring on Crystal Lake (see page 7). 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. The Minnesota Pollution Control Agency (MPCA) periodically evaluates water quality data from the most recent ten-year period to determine if a lake exceeds applicable water quality standards. The BDWMO 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.

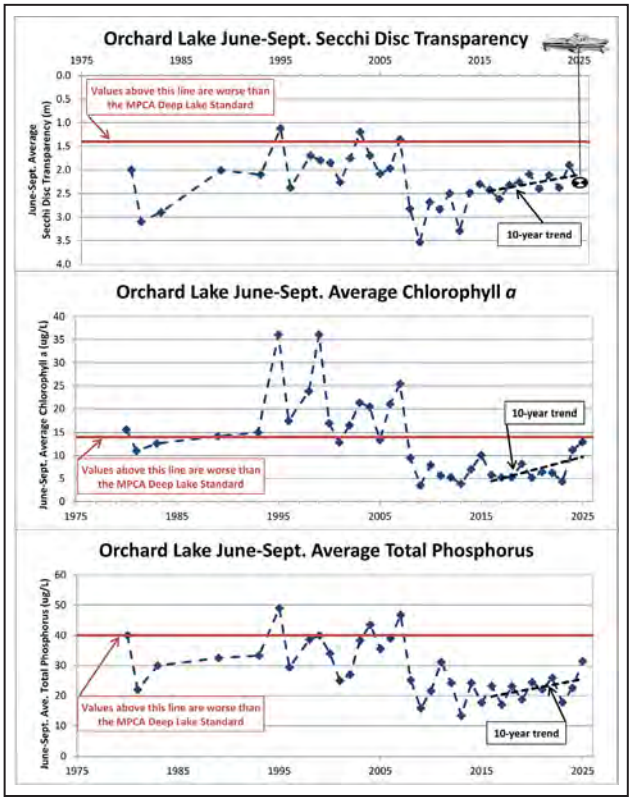
Lac Lavon (Apple Valley & Burnsville)

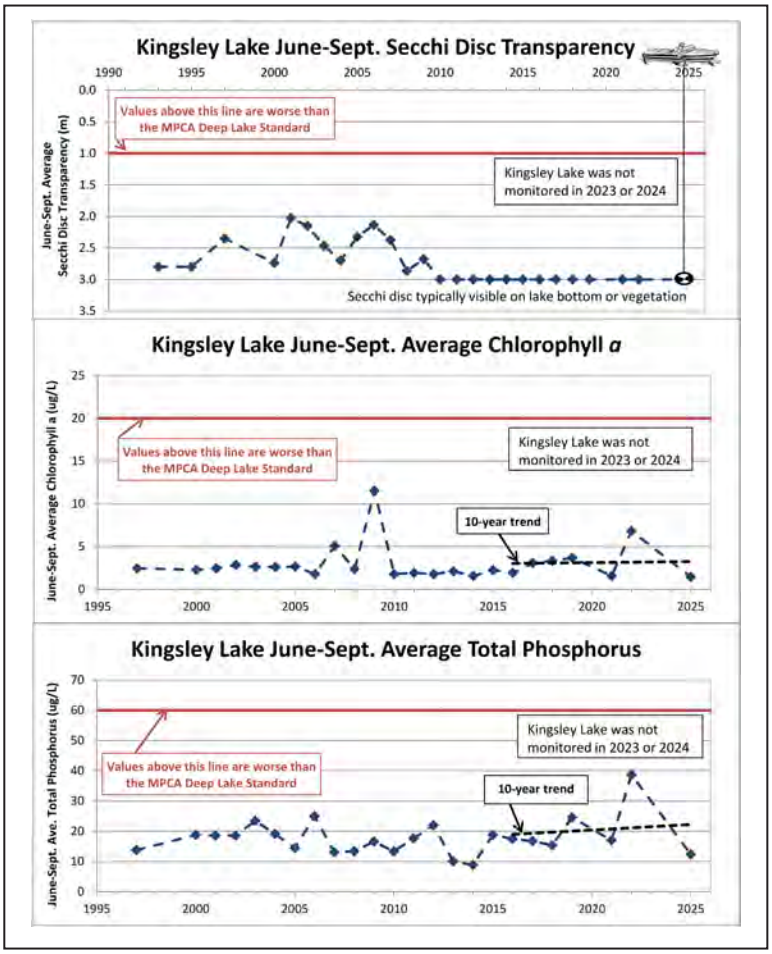
Water Quality Monitoring—Lac Lavon continued to experience excellent water quality in 2025. The 2025 summer-average Secchi disc transparency was 3.6 meters (11.7 feet) and is much better than the MPCA deep-lake water quality standard of 1.4 meters. The 2025 summer averages of total phosphorus (10 µg/L) is tied for the second best on record for the lake and is much better than the deep lake water quality standard (40 µg/L). The summer average of chlorophyll-*a* (2 µg/L) was also considerably better than respective deep-lake water quality standard and further indicates excellent water quality for Lac Lavon. Although the 2025 summer average of Secchi disc transparency was better than the previous year (3.2 meters in 2024), there is a statistically significant worsening (i.e., decreasing) trend in summer average Secchi disc transparency for the 10-year period of 2016–2025. There are no statistically significant trends in total phosphorus or chlorophyll-*a* for the same period, and summer averages of both parameters have been consistently excellent for many years. The BDWMO will continue to monitor the water quality of Lac Lavon in 2026, including management level monitoring in 2026.

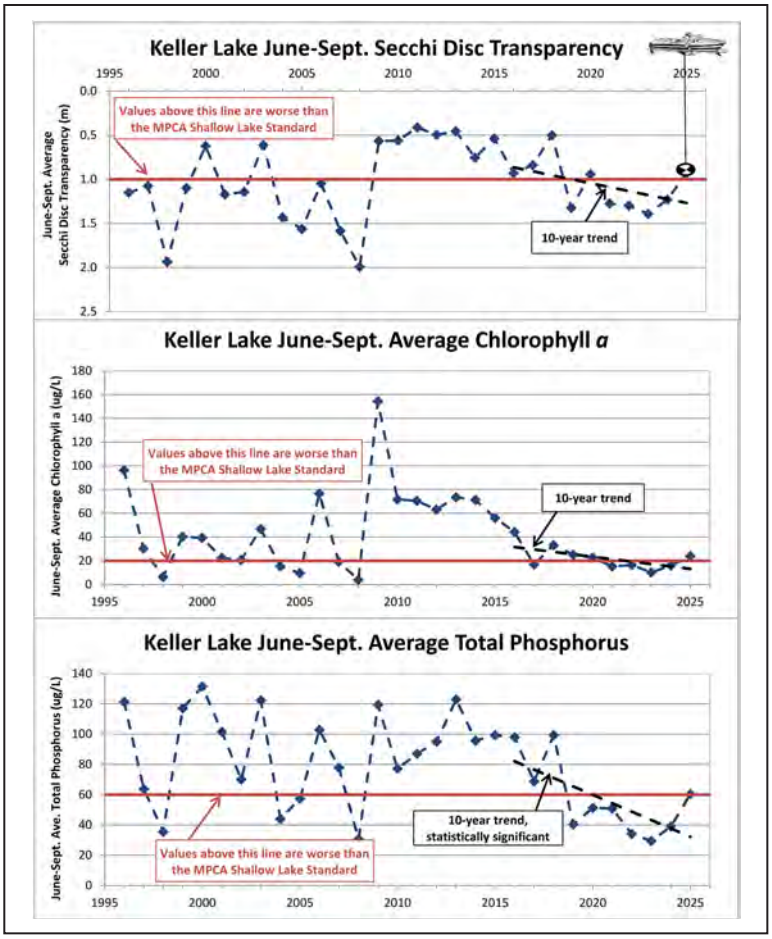


Orchard Lake (Lakeville)

Water Quality Monitoring—Orchard Lake's water quality remained good in 2025, and summer averages of total phosphorus (31 µg/L), chlorophyll-*a* (13 µg/L), and Secchi disc transparency (2.3 meters or 7.4 feet) were all better than deep lake water quality standards. Orchard Lake monitoring activities in 2025 included CAMP level monitoring as well as additional water quality monitoring conducted by Metropolitan Council Environmental Services staff as part of their rotating assessment of regionally significant waterbodies. The 2025 summer averages of phosphorus and chlorophyll-*a* were worse (i.e., higher) than other recent years and were the worst they've been since 2007. The 2025 summer average of Secchi disc transparency, however, was similar to other recent years. Just two years prior, Orchard Lake experienced the third best summer average of chlorophyll-*a* on record for the lake (4 µg/L in 2023). The 2023 summer average of total phosphorus (18 µg/L) was also lower compared to 2025. Although 2025 summer averages for total phosphorus and chlorophyll-*a* were worse than recent years, there were no statistically significant trends in summer averages of water quality for the 2016-2025 period. Summer averages of water quality in Orchard Lake have been consistently better than the water quality standards for the last eighteen years (2008–2025) but have fluctuated in recent years. The BDWMO will continue to monitor the water quality of Orchard Lake in 2026.







Kingsley Lake (Lakeville)

Water Quality Monitoring—Water quality monitoring was not performed on Kingsley Lake in 2023 or 2024, due to low water levels which made accessing open water difficult. Water quality monitoring was resumed on the lake in 2025, and 2025 summer averages of water quality show continued good water quality on 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. Secchi disc readings in Kingsley Lake are also complicated because lake vegetation obscures the Secchi disc, giving false measurements; therefore, no trend line is included in the graph of Kingsley Lake Secchi disc transparency.

The 2025 summer average of total phosphorus (13 µg/L) was the third best on record for the lake, and much better than the shallow lake standard (60 µg/L). It is also a significant improvement compared to the 2022 summer average (39 µg/L), the worst on record for the lake. The 2025 summer average of chlorophyll-*a* (1.5 µg/L) was the best on record for the lake, and well below the shallow lake standard (20 µg/L). The summer averages of total phosphorus and chlorophyll-*a* in Kinglsey Lake have been better than the water quality standards consistently since 1997. The BDWMO will continue to monitor the water quality of Kingsley Lake in 2026.

Keller Lake (Burnsville & Apple Valley)

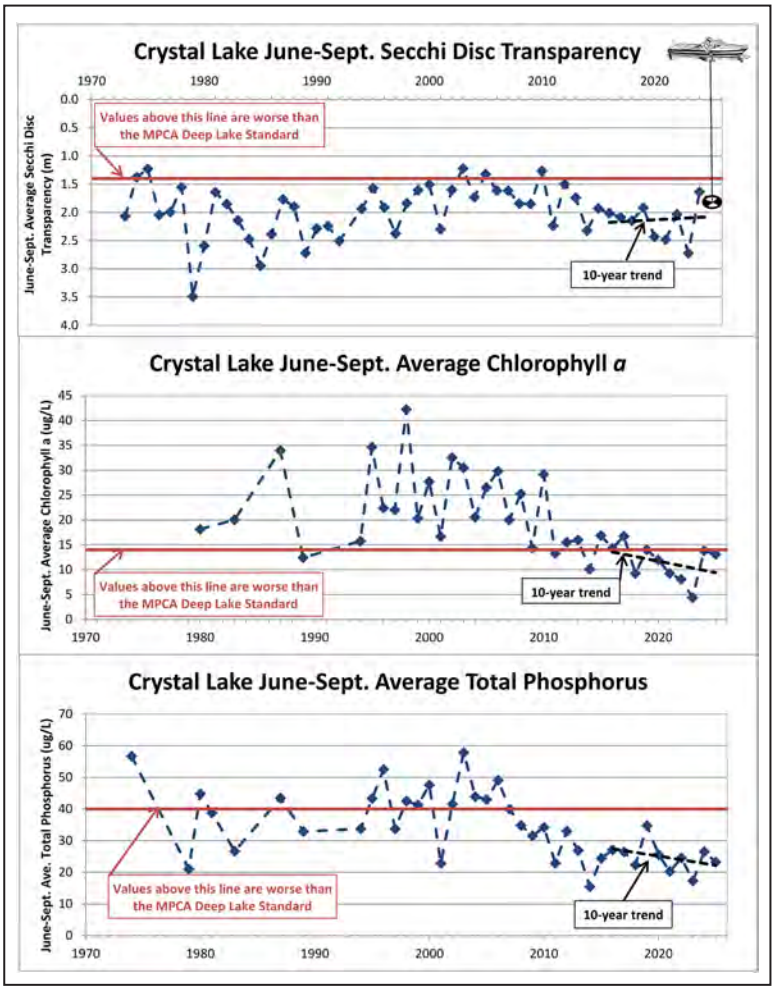
Water Quality Monitoring—An alum and sodium aluminate treatment was conducted on Keller Lake in Spring 2019 and Spring 2021, resulting in improved water quality in years following the treatment. Keller Lake experienced four consecutive years (2021–2024) where summer averages of all three parameters were better than standards. The 2025 summer-average total phosphorus of 60 micrograms per liter (µg/L) was equal to the MPCA's shallow lake standard. The 2025 Secchi disc transparency summer average was 0.9 meters (3.0 feet), which is slightly worse than the MPCA's shallow lake standard of 1.0 meter (3.3 feet), and the 2025 summer-average of chlorophyll-*a* (24 µg/L) was also slightly worse than the MPCA's shallow lake standard of 20 µg/L. Only three samples were collected on Keller Lake during the June–September period used to calculate summer averages, however.

Prior to the alum and sodium aluminate treatment, summer averages of total phosphorus had been consistently worse than the MPCA for the period 2009–2018. The 2023 summer average of total phosphorus (29 µg/L) two years after the second treatment was the best on record for Keller Lake. Water quality was somewhat worse in 2024 and 2025 compared to 2023. Despite the most recent data, the cumulative pre- and post- alum treatment data still show a statistically significant improvement in total phosphorus. The BDWMO will continue to monitor Keller Lake in 2026.

Crystal Lake (Burnsville & Lakeville)

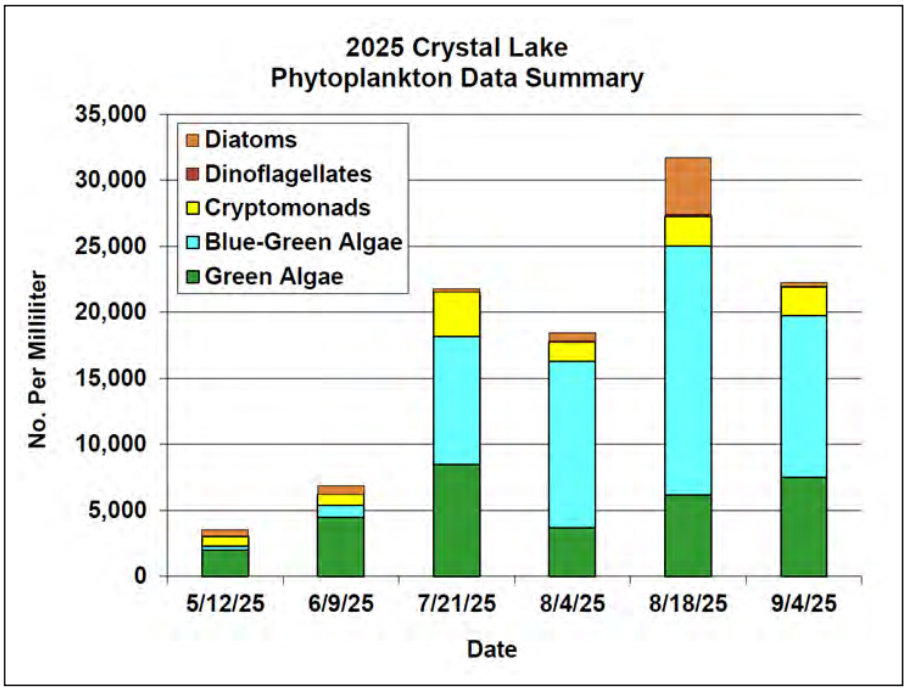
Water Quality Monitoring—The BDWMO performed more detailed management-level monitoring of Crystal Lake in 2025. Crystal Lake continued to experience good water quality in 2025. Summer averages of total phosphorus (23 µg/L), chlorophyll-*a* (13 µg/L), and Secchi disc transparency (1.8 meters or 5.9 feet) were all better than the MPCA's deep lake water quality standards. Water quality was better in 2025 compared to 2024, but worse than in 2023. The 2023 summer average of chlorophyll-*a* (4 µg/L) was the best on record for the lake. There were no statistically significant trends in summer averages of water quality for the period 2016-2025.

The BDWMO performed more detailed management-level monitoring of Crystal Lake in 2025. Phytoplankton monitoring performed on Crystal Lake in 2025 as part of this effort is discussed below. More detailed monitoring results are presented in a 2026 water quality monitoring report. The BDWMO will continue to monitor the water quality of Crystal Lake in 2026.



Crystal Lake 2025 Phytoplankton Monitoring

Samples of phytoplankton, microscopic aquatic plants, were collected from Crystal Lake to evaluate water quality and the quality of food available to zooplankton (microscopic animals). Phytoplankton numbers were very low in May and early June. The numbers of phytoplankton were higher in July, August, and September but remained low to moderate, generally reflecting the lake's good water quality.



Green algae are a good source of food for the lake's zooplankton and comprise most of the phytoplankton present in May and June. In July, the phytoplankton population began to shift from green algae to blue-green algae. Green algae were present throughout the summer, but comprised as a smaller percentage of the overall phytoplankton community (see figure at right).

Blue-green algae, which are associated with water quality problems and can be a source of health concerns (if certain species are present in significant numbers), were present in very small numbers in May and June. Blue-green algae numbers increased between June and July samples and were the dominant type present in August and September. The World Health Organization (WHO) has established that lakes with blue-green algae densities of less than 20,000 cells per milliliter pose no risk to the health of humans or pets. Blue-green algae concentrations measured in Crystal Lake in 2025 were consistently below this threshold, although the late August sample was close (at approximately 18,000 cells per milliliter).

BLACK DOG
Watershed Management Organization

www.blackdogwmo.org

WANTED: Lakeville Alternate Commissioner

The City of Lakeville is seeking an alternate commissioner to represent the City on the Black Dog Watershed Management Commission. Alternates serve as an acting member but vote only during the absence of a regular commissioner. The Commission meets the third Wednesday of each month. The position is open to Lakeville residents ages 18 and older who live within the Black Dog Watershed. Those interested in this volunteer position should send a letter of interest to the Lakeville City Engineer Zach Johnson. The City will interview interested qualifying candidates.

Email Zach Johnson at:
zjohnson@lakevillemn.gov

Board of Commissioners

Representing Burnsville:
Curtis Enestvedt, Chair
(serving since 2014)
Mike Hughes, Vice Chair
(serving since 2008)
Paul Below, Commissioner
(serving since 2024)
Todd Christopherson, Commissioner
(serving 2023 to 2025)
Ben Maas, Alternate
(serving since 2025)

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)
Alternate — Open position

Engineering Consultant:
Greg Williams, P.E., Barr Engineering Co.

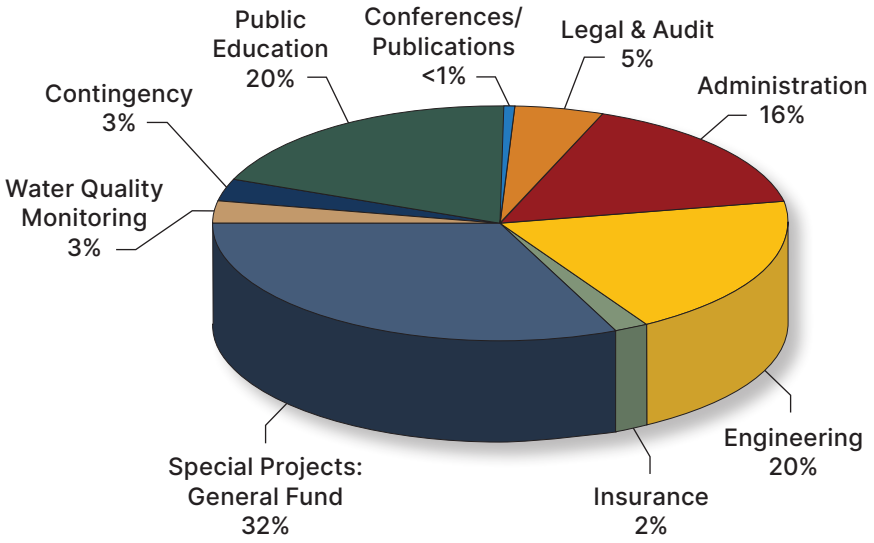
Legal Consultant:
Cole Birkeland, Campbell Knutson, P.A.
Jared Shephard, Campbell Knutson, P.A.

For more information, please contact:

Daryl Jacobson, Administrator
Black Dog WMO
City of Burnsville
13713 Frontier Court | Burnsville, MN 55337
Phone: 952-895-4574
Daryl.Jacobson@burnsvillemn.gov

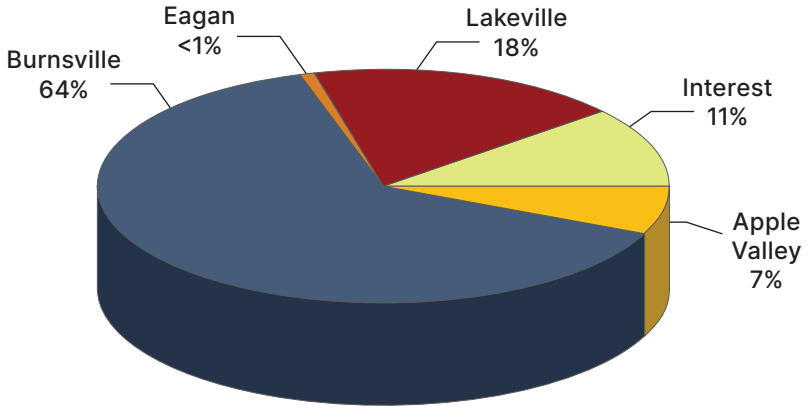
2026 Budget

Engineering	$32,100
Legal and Audit	$7,500
Administrative Services	$25,000
Public Education	$31,800
Insurance	$2,500
Special Projects – General Fund	$50,700
Conference/Publications	$500
Water Quality Monitoring	$5,600
Contingency	$5,000
Total Expenditures	**$160,700**



2026 Income

Member Contributions	$119,000
Interest	$15,000
Total Income	**$134,000**



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.

2025 Water Quality Data

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The Black Dog WMO funds the water quality monitoring of its water bodies designated as "strategic" by the Black Dog WMO. In 2025, the strategic water bodies included:

1. Crystal Lake
2. Keller Lake
3. Kingsley Lake
4. Lac Lavon
5. Orchard Lake

Water quality data for the strategic water bodies is presented on the following pages. First are a series of figures that summarize the historical summer average (June 1 through September 30) total phosphorus, chlorophyll *a*, and Secchi disc transparency data. The figures include trend lines based on data from the past 10 years and note if the trend is statistically significant. The linear best-fits were determined using a "least squares" regression analysis of the summer average data from 2016-2025 and assessed for significance at a 95% confidence level. Trend analyses performed for Keller Lake reflect the impacts of alum treatments conducted in spring 2019 and fall 2021 and should be interpreted accordingly.

Second are a series of tables that show the results of the water quality monitoring for each data collection date in 2025, including CAMP data and data collected by the Black Dog WMO Engineer. The 2025 CAMP data provided by the Metropolitan Council were final data (i.e., Metropolitan Council laboratory had finished their review of the data) at the time this report was prepared..

Water quality monitoring data is also available for other "non-strategic" water bodies in the Black Dog WMO. In 2025, the member cities funded participation in the CAMP program for the following non-strategic water bodies:

- Earley Lake (City of Burnsville)
- Twin Lake (City of Burnsville)
- Sunset Pond (City of Burnsville)
- Wood Pond (City of Burnsville)
- Lee Lake (City of Lakeville)

Results of the 2025 water quality monitoring of non-strategic water bodies is available from the Metropolitan Council's CAMP program at: Advanced Search (state.mn.us).

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Historical Water Quality Data—Figures

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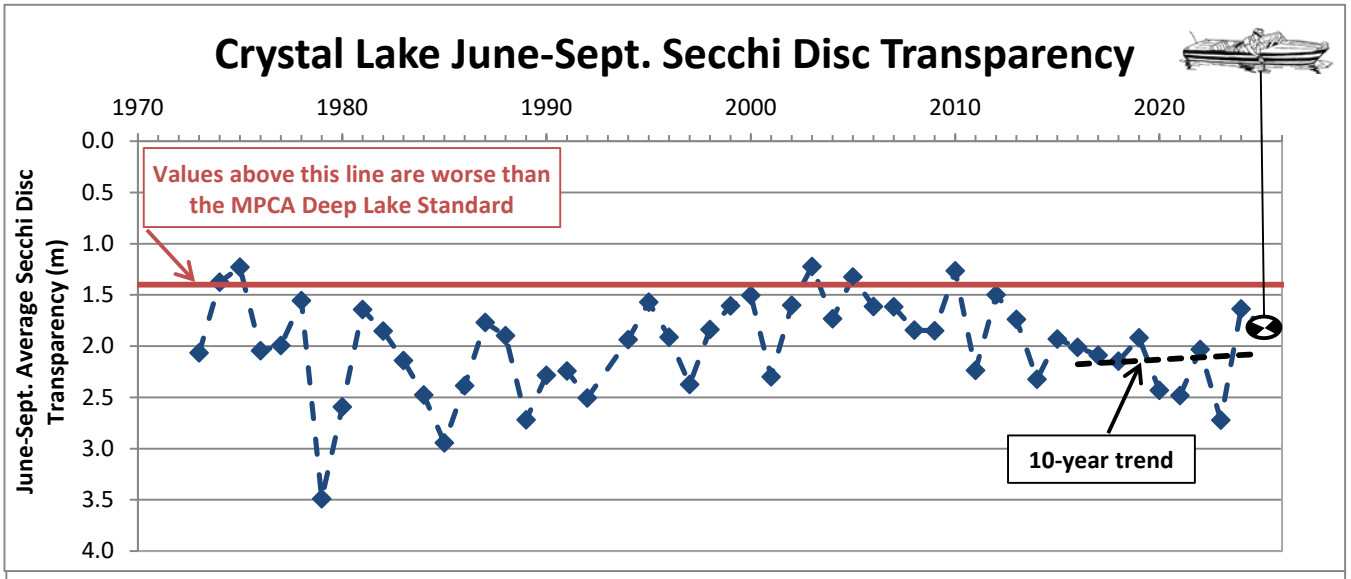
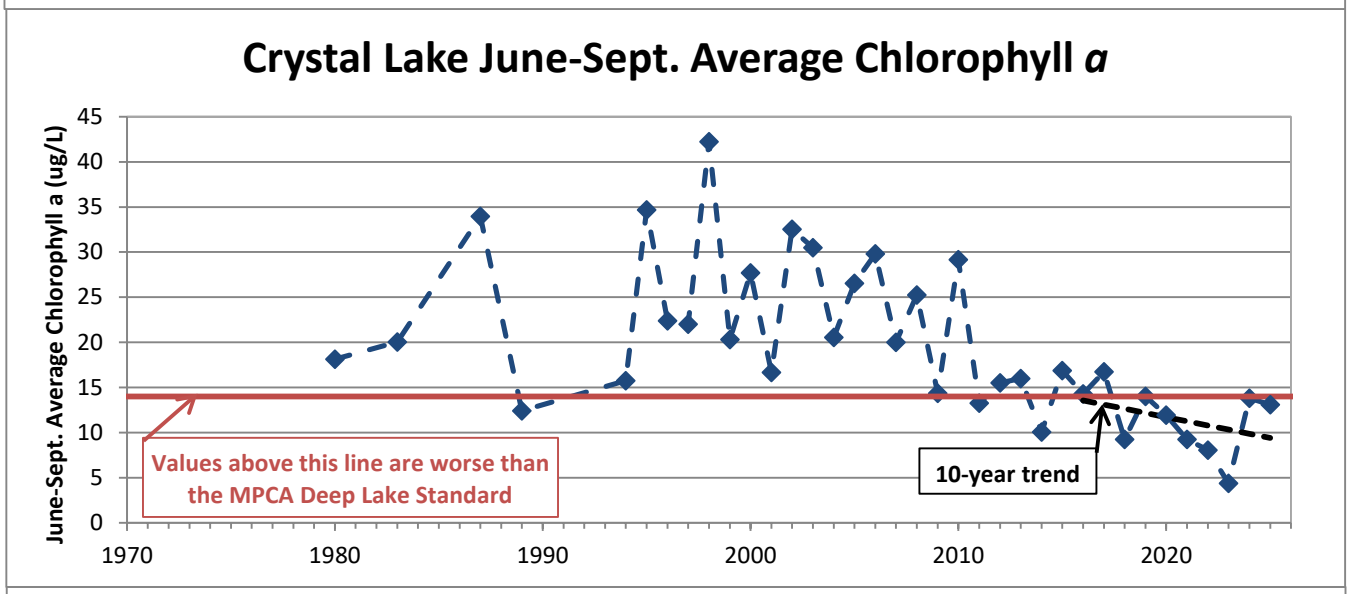
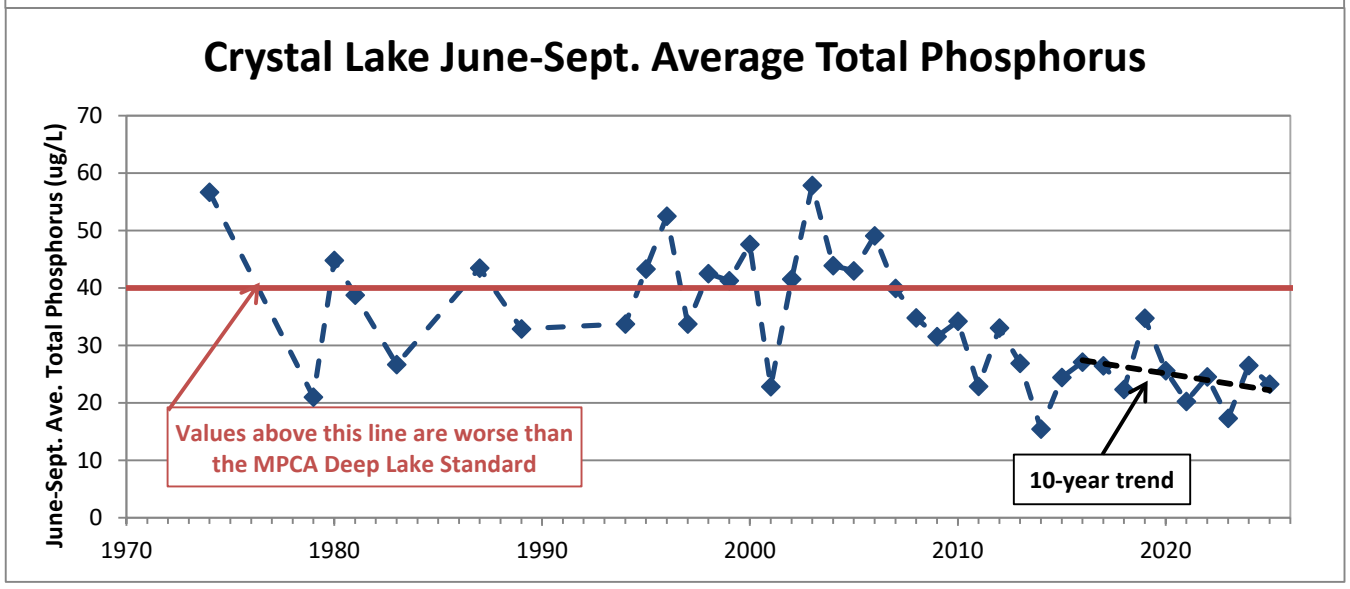
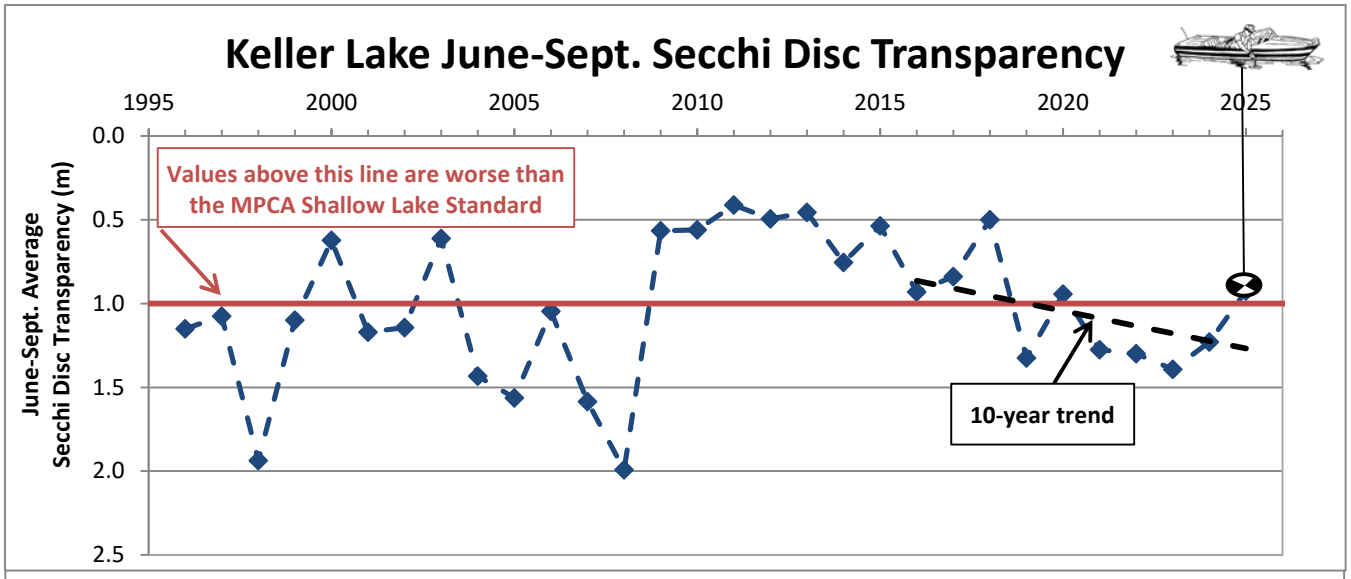
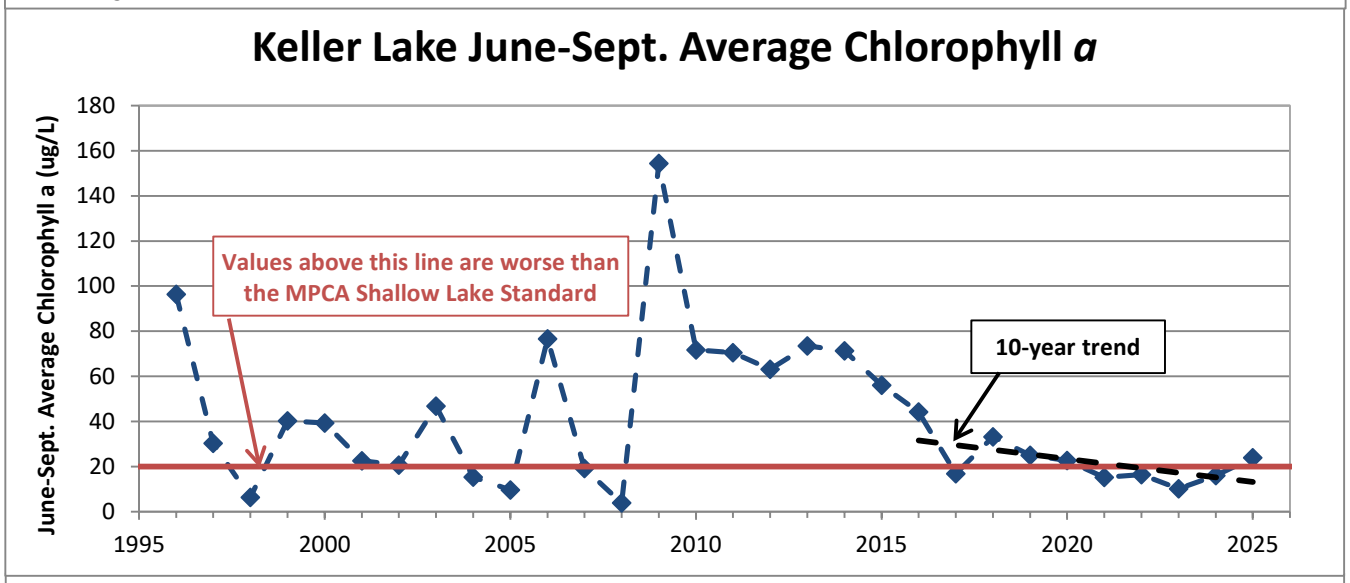
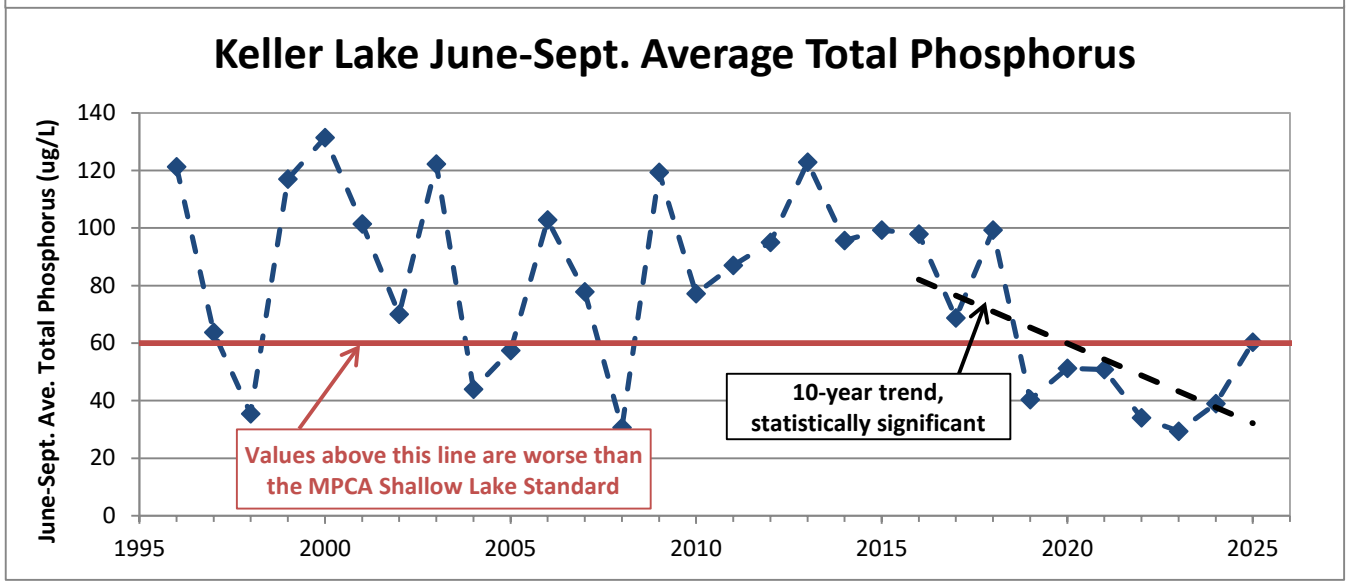

Crystal Lake June-Sept. Secchi Disc Transparency
June-Sept. Average Secchi Disc Transparency (m)
1970
1980
1990
2000
2010
2020
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Values above this line are worse than the MPCA Deep Lake Standard
10-year trend

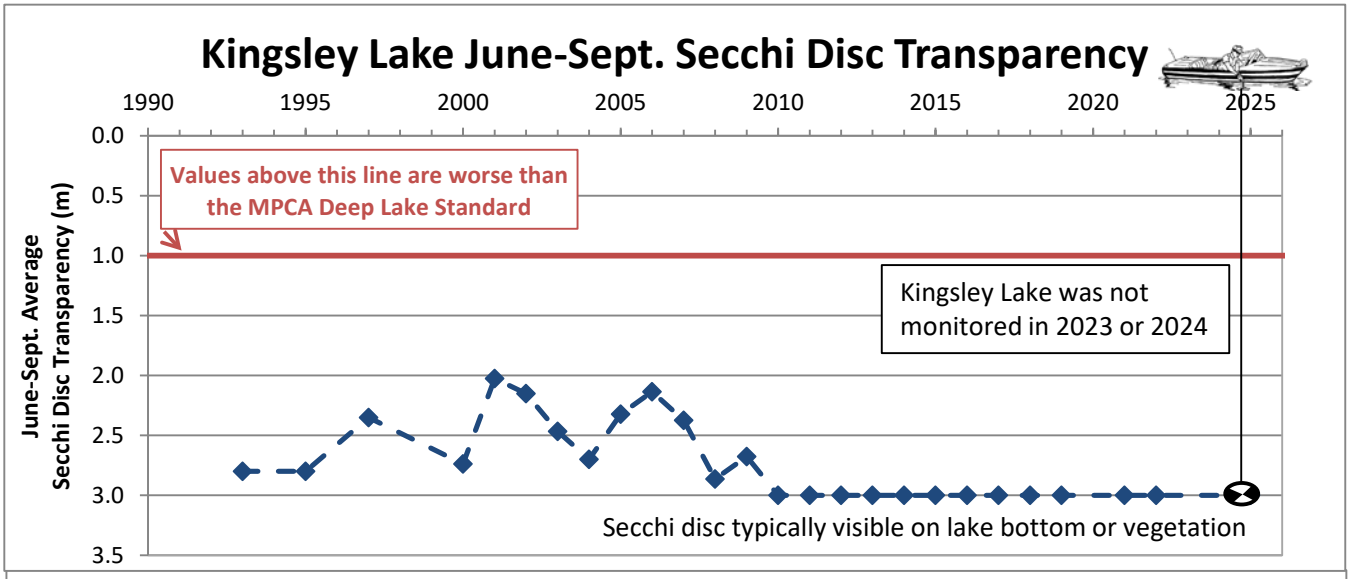

Crystal Lake June-Sept. Average Chlorophyll a
June-Sept. Average Chlorophyll a (ug/L)
45
40
35
30
25
20
15
10
5
0
1970
1980
1990
2000
2010
2020
Values above this line are worse than the MPCA Deep Lake Standard
10-year trend

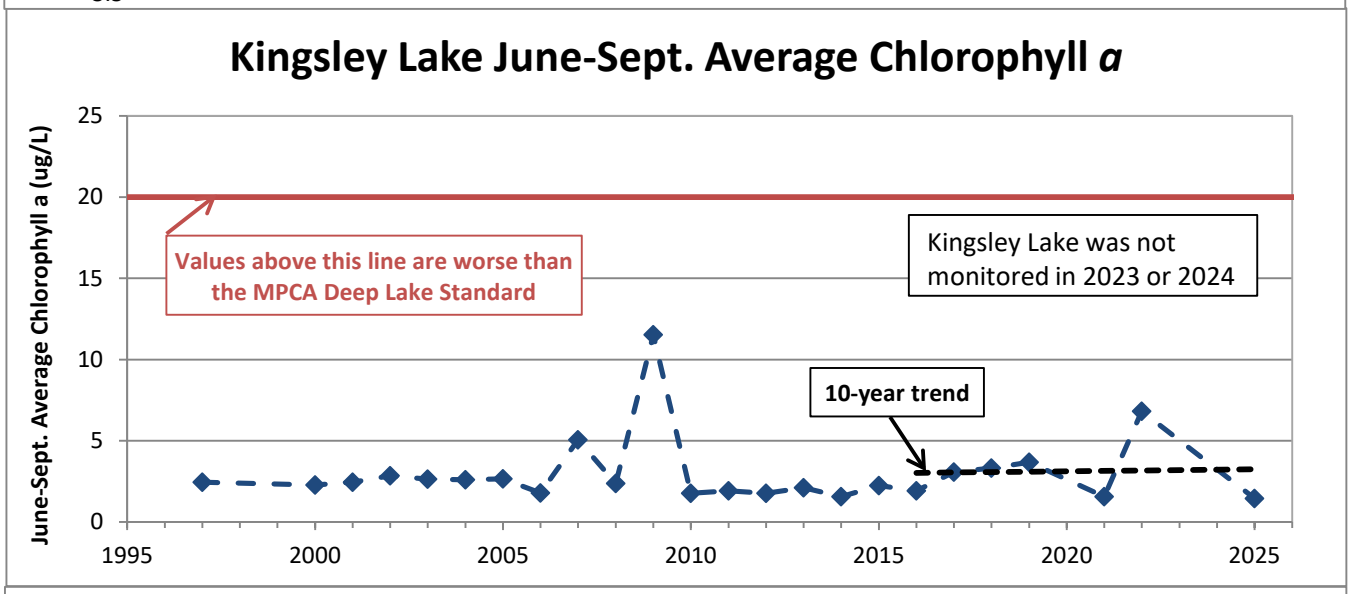

Crystal Lake June-Sept. Average Total Phosphorus
June-Sept. Ave. Total Phosphorus (ug/L)
70
60
50
40
30
20
10
0
1970
1980
1990
2000
2010
2020
Values above this line are worse than the MPCA Deep Lake Standard
10-year trend

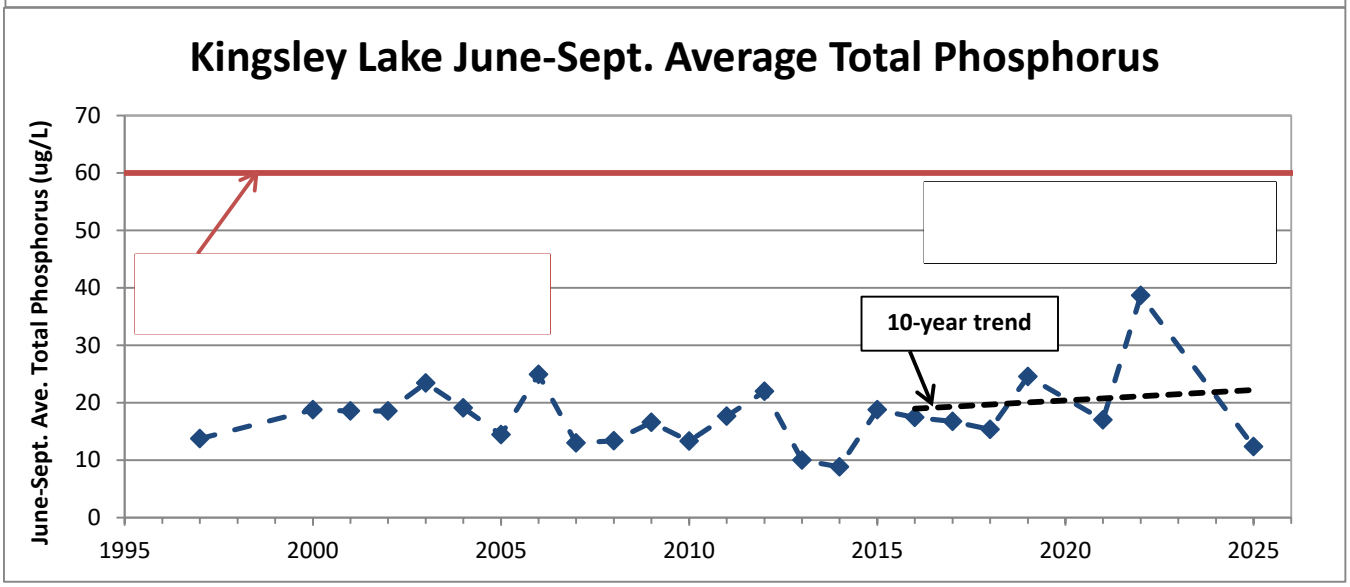

Keller Lake June-Sept. Secchi Disc Transparency
June-Sept. Average Secchi Disc Transparency (m)
1995
2000
2005
2010
2015
2020
2025
0.0
0.5
1.0
1.5
2.0
2.5
Values above this line are worse than the MPCA Shallow Lake Standard
10-year trend


Keller Lake June-Sept. Average Chlorophyll a
June-Sept. Average Chlorophyll a (ug/L)
180
160
140
120
100
80
60
40
20
0
1995
2000
2005
2010
2015
2020
2025
Values above this line are worse than the MPCA Shallow Lake Standard
10-year trend


Keller Lake June-Sept. Average Total Phosphorus
June-Sept. Ave. Total Phosphorus (ug/L)
140
120
100
80
60
40
20
0
1995
2000
2005
2010
2015
2020
2025
Values above this line are worse than the MPCA Shallow Lake Standard
10-year trend, statistically significant

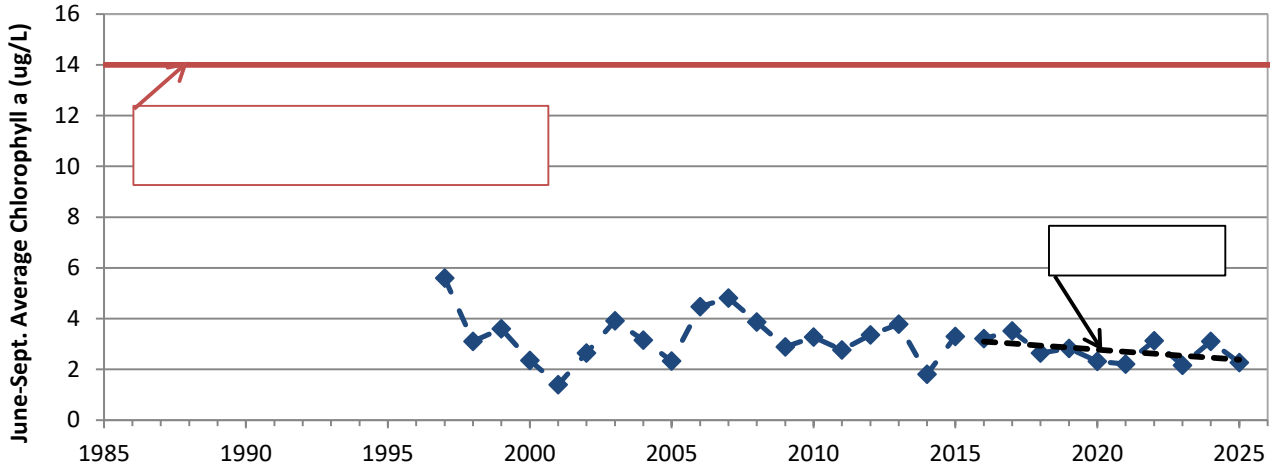

Kingsley Lake June-Sept. Secchi Disc Transparency
1990
1995
2000
2005
2010
2015
2020
2025
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
June-Sept. Average Secchi Disc Transparency (m)
Values above this line are worse than the MPCA Deep Lake Standard
Kingsley Lake was not monitored in 2023 or 2024
Secchi disc typically visible on lake bottom or vegetation


Kingsley Lake June-Sept. Average Chlorophyll a
25
20
15
10
5
0
1995
2000
2005
2010
2015
2020
2025
June-Sept. Average Chlorophyll a (ug/L)
Values above this line are worse than the MPCA Deep Lake Standard
Kingsley Lake was not monitored in 2023 or 2024
10-year trend

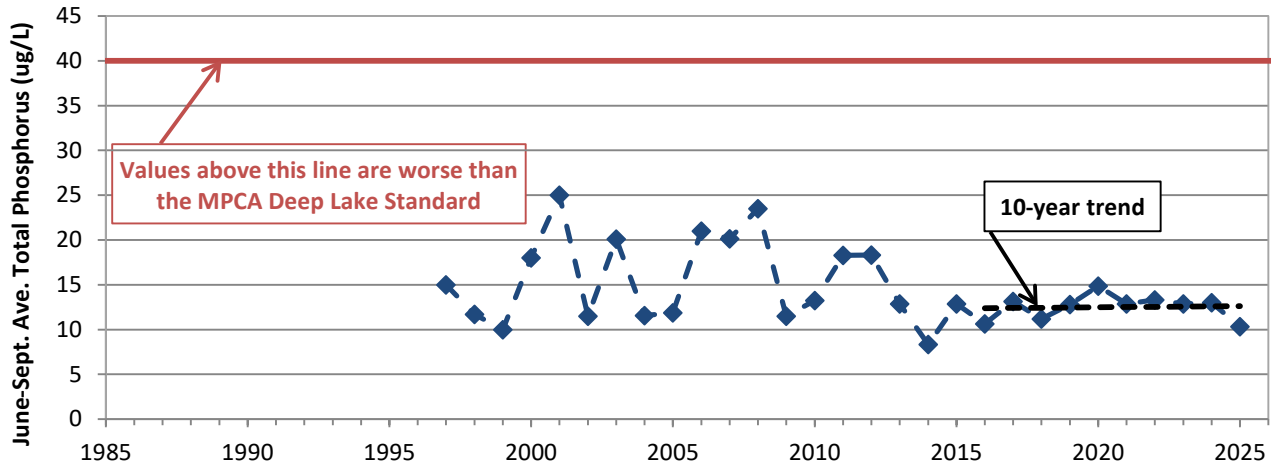

Kingsley Lake June-Sept. Average Total Phosphorus
70
60
50
40
30
20
10
0
1995
2000
2005
2010
2015
2020
2025
June-Sept. Ave. Total Phosphorus (ug/L)
10-year trend

Lac Lavon June-Sept. Secchi Disc Transparency

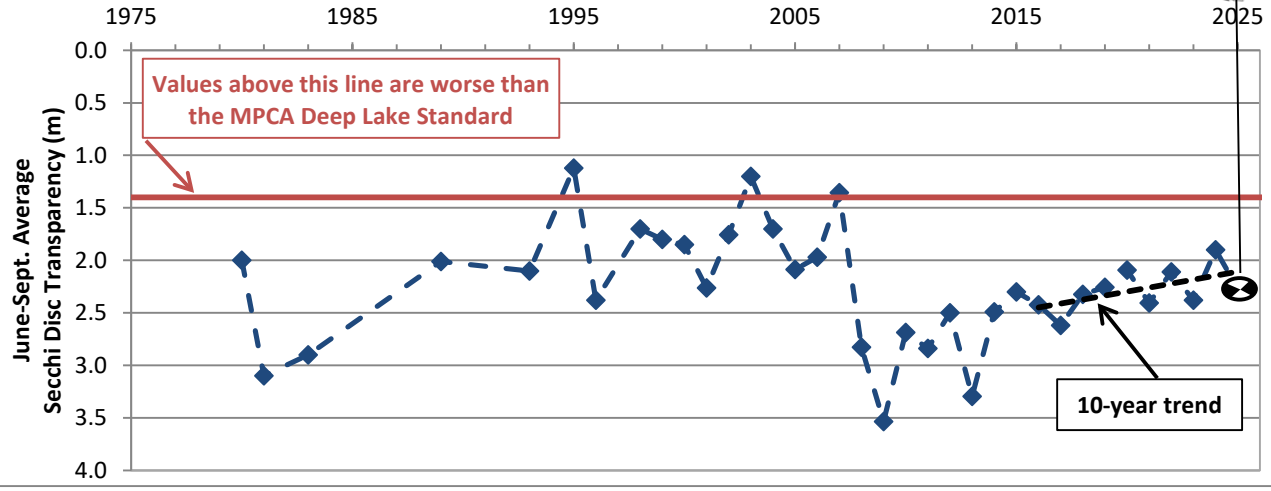
Lac Lavon June-Sept. Average Chlorophyll *a*



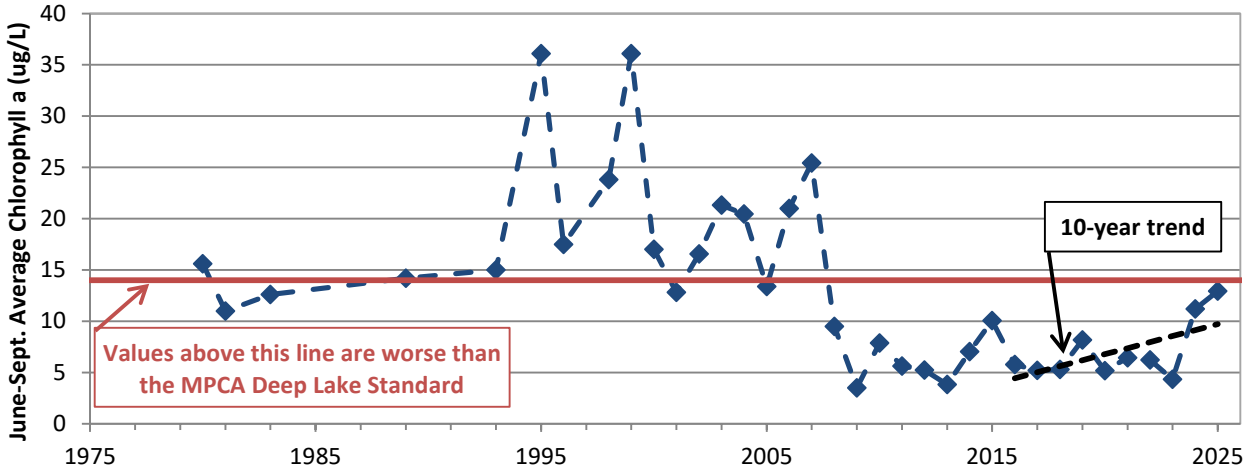
Lac Lavon June-Sept. Average Total Phosphorus



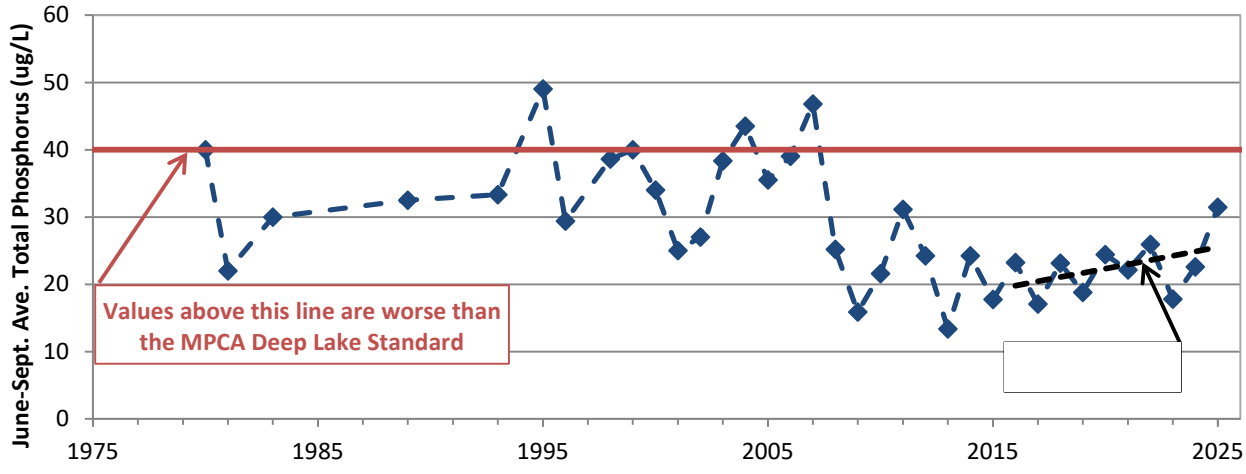
Orchard Lake June-Sept. Secchi Disc Transparency



Orchard Lake June-Sept. Average Chlorophyll *a*



Orchard Lake June-Sept. Average Total Phosphorus



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2025 Water Quality Data—Tables

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Table 1: Crystal Lake 2025 Water Quality Data
Citizen-Assisted Monitoring Program

Sample Date	Sample Depth (meters)	Secchi Disc Transparency (meters)	Chlorophyll-a, Pheophytin Corrected (µg/L)	Total Phosphorus (µg/L)	Nitrogen, Total Kjeldahl (mg/L)	Temperature (°C)
6/17/2026	0	3.4	2.9	16	0.53	20.8
6/30/2026	0	3.0	6.4	22	0.55	17.9
7/15/2026	0	2.1	9.6	21	0.62	24.5
7/28/2026	0	1.6	18.0	24	0.74	28.6
8/12/2026	0	1.8	12.0	22	0.71	28.2
8/26/2026	0	1.8	12.0	24	0.71	27.1
9/9/2026	0	1.6	15.0	26	0.72	23.2
9/23/2026	0	1.4	8.5	28	0.71	18.8
10/7/2026	0	1.8	13.0	25	0.72	22.9

Notes

Table 2: Keller Lake 2025 Water Quality Data
Citizen-Assisted Monitoring Program

Sample Date	Sample Depth (meters)	Secchi Disc Transparency (meters)	Chlorophyll-a, Pheophytin Corrected (µg/L)	Total Phosphorus (µg/L)	Nitrogen, Total Kjeldahl (mg/L)	Temperature (°C)
6/3/2026	0	0.7	6.4	39	0.57	10.6
6/24/2026	0	1.8	5.3	38	0.44	18.7
7/8/2026	1	1.2	19.0	53	0.72	12.7
7/22/2026	2	1.3	11.0	10	0.71	27.3
8/5/2026	3	1.1	5.5	38	0.78	27.9
8/19/2026	4	0.8	33.0	53	0.91	29.1
9/2/2026	5	0.5	46.0	90	1.54	27.1
9/23/2026	6	0.5	33.0	66	1.25	16.9
10/7/2026	7	0.5	17.0	77	1.49	13.0

Notes

Table 3: Kingsley Lake 2025 Water Quality Data, Citizen-Assisted Monitoring Program
Citizen-Assisted Monitoring Program

Sample Date	Sample Depth (meters)	Secchi Disc Transparency (meters)	Chlorophyll-a, Pheophytin Corrected (µg/L)	Total Phosphorus (µg/L)	Nitrogen, Total Kjeldahl (mg/L)	Temperature (°C)
6/4/2026	0	2.0	2.9	25	0.44	14.5
6/18/2026	0	2.0	<1.0	17	0.45	23.3
7/2/2026	0	1.8	<1.0	13	0.39	20.7
7/16/2026	0	>2.8	2.1	16	0.43	19.9
7/30/2026	0	2.2	<1.0	12	0.41	27.8
8/13/2026	0	2.0	1.3	13	0.42	28.2
8/27/2026	0	2.2	1.6	13	0.42	26.3
9/10/2026	0	2.2	1.9	12	0.39	24.4
9/24/2026	0	>2.3	1.6	11	0.42	26.0

Notes
Kingsley Lake was not monitored via CAMP in 2023 and 2024 due to low waters preventing access
<1.0 measurements of chlolorphyll-a are below the detection limit

Table 4: Lac Lavon 2025 Water Quality Data
Citizen-Assisted Monitoring Program

Sample Date	Sample Depth (meters)	Secchi Disc Transparency (meters)	Chlorophyll-a, Pheophytin Corrected (µg/L)	Total Phosphorus (µg/L)	Nitrogen, Total Kjeldahl (mg/L)	Temperature (°C)
6/16/2026	0	2.9	6.9	19	0.42	16.4
6/30/2026	0	1.9	6.4	20	0.62	22.9
7/21/2026	0	2.8	3.5	13	0.50	22.9
7/28/2026	0	3.5	2.4	11	0.49	25.5
8/4/2026	0	3.7	1.1	10	0.44	29.6
8/18/2026	0	4.1	1.1	9	0.42	31.7
9/2/2026	0	3.5	1.9	9	0.45	26.8
9/16/2026	0	3.4	3.7	11	0.44	19.7
9/30/2026	0	2.5	9.6	18	0.55	18.0

Notes

Table 5: Orchard Lake 2025 Water Quality Data
Citizen-Assisted Monitoring Program

Sample Date	Sample Depth (meters)	Secchi Disc Transparency (meters)	Chlorophyll-a, Pheophytin Corrected (µg/L)	Total Phosphorus (µg/L)	Nitrogen, Total Kjeldahl (mg/L)	Temperature (°C)
6/4/2026	0	3.7	7.0	31	0.68	17.4
6/18/2026	0	4.4	3.7	57	0.72	19.9
7/2/2026	0	3.4	6.7	30	0.72	17.1
7/16/2026	0	2.3	7.5	36	0.69	20.4
7/30/2026	0	2.9	12.0	35	0.79	23.2
8/13/2026	0	2.4	12.0	30	0.67	23.5
8/27/2026	0	2.4	14.0	29	0.74	22.9
9/10/2026	0	1.8	13.0	31	0.86	24.6
9/24/2026	0	2.4	14.0	29	0.88	24.0

Notes

Table 6
Crystal Lake 2025 Water Quality Measured by Barr Engineering
BDWMO

		Parameter	Chloride	Chlorophyll a, pheophytin-adjusted	Phosphorus, total, as P	Depth	Secchi disc	Dissolved oxygen	pH	Specific conductance @ 25 deg C	Temperature	Turbidity
		Units	mg/l	ug/l	mg/l	m	m	mg/l	pH units	umhos/cm	deg C	NTU
Location	Date	Depth										
CRYSTAL	4/15/2025	0 - 2 m	**123**	**9.4**	**0.019**	**8.5**	**3.5**	**--**	**--**	**--**	**--**	2.0
CRYSTAL	4/15/2025	0 m	--	--	**--**	**--**	**--**	**12.5**	**7.92**	**658**	**9.2**	--
CRYSTAL	4/15/2025	1 m	--	--	**--**	**--**	**--**	**12.6**	**8.00**	**659**	**9.2**	--
CRYSTAL	4/15/2025	2 m	--	--	**--**	**--**	**--**	**12.6**	**8.00**	**659**	**9.2**	--
CRYSTAL	4/15/2025	3 m	--	--	**0.024**	**--**	**--**	**12.6**	**8.10**	**658**	**9.2**	--
CRYSTAL	4/15/2025	4 m	--	--	**0.020**	**--**	**--**	**12.7**	**8.09**	**659**	**9.1**	--
CRYSTAL	4/15/2025	5 m	--	--	**0.024**	**--**	**--**	**12.7**	**8.11**	**659**	**9.1**	--
CRYSTAL	4/15/2025	6 m	--	--	**0.022**	**--**	**--**	**12.7**	**8.12**	**659**	**9.1**	--
CRYSTAL	4/15/2025	7 m	--	--	**0.020**	**--**	**--**	**12.7**	**8.10**	**660**	**9.1**	--
CRYSTAL	4/15/2025	8 m	**114**	--	**0.074**	**--**	**--**	**12.8**	**8.10**	**662**	**8.1**	--
CRYSTAL	5/12/2025	0 - 2 m	**118**	**4.7**	**0.016**	**8.4**	**4.1**	**--**	**--**	--	--	**1.3**
CRYSTAL	5/12/2025	0 m	--	--	**--**	**--**	**--**	**10.5**	**8.36**	**630**	**20.6**	--
CRYSTAL	5/12/2025	1 m	--	--	**--**	**--**	**--**	**10.6**	**8.38**	**630**	**20.6**	--
CRYSTAL	5/12/2025	2 m	--	--	**--**	**--**	**--**	**10.6**	**8.39**	**630**	**20.4**	--
CRYSTAL	5/12/2025	3 m	--	--	**0.020**	**--**	**--**	**10.7**	**8.40**	**630**	**20.3**	--
CRYSTAL	5/12/2025	4 m	--	--	**0.021**	**--**	**--**	**10.7**	**8.38**	**643**	**15.8**	--
CRYSTAL	5/12/2025	5 m	--	--	**0.021**	**--**	**--**	**10.8**	**8.27**	**645**	**14.0**	--
CRYSTAL	5/12/2025	6 m	--	--	**0.021**	**--**	**--**	**10.1**	**8.10**	**650**	**12.0**	--
CRYSTAL	5/12/2025	7 m	--	--	**0.019**	**--**	**--**	**8.1**	**8.00**	**655**	**11.5**	--
CRYSTAL	5/12/2025	8 m	**114**	--	**0.027**	**--**	**--**	**7.6**	**7.64**	**660**	**10.7**	--
CRYSTAL	5/28/2025	0 - 2 m	**120**	**6.5**	**0.022**	**8.6**	**2.5**	**--**	**--**	--	--	**1.4**
CRYSTAL	5/28/2025	0 m	--	--	**--**	**--**	**--**	**10.32**	**8.37**	**608**	**17.8**	--
CRYSTAL	5/28/2025	1 m	--	--	**--**	**--**	**--**	**10.62**	**8.48**	**608**	**17.8**	--
CRYSTAL	5/28/2025	2 m	--	--	**--**	**--**	**--**	**10.80**	**8.52**	**609**	**17.8**	--
CRYSTAL	5/28/2025	3 m	--	--	**0.021**	**--**	**--**	**11.01**	**8.50**	**618**	**16.2**	--
CRYSTAL	5/28/2025	4 m	--	--	**0.027**	**--**	**--**	**10.99**	**8.45**	**620**	**14.7**	--
CRYSTAL	5/28/2025	5 m	--	--	**0.025**	**--**	**--**	**10.50**	**8.29**	**620**	**14.2**	--
CRYSTAL	5/28/2025	6 m	--	--	**0.022**	**--**	**--**	**10.05**	**8.18**	**623**	**13.8**	--
CRYSTAL	5/28/2025	7 m	--	--	**0.019**	**--**	**--**	**9.21**	**7.98**	**633**	**13.2**	--
CRYSTAL	5/28/2025	8 m	**120**	--	**0.025**	**--**	**--**	**7.59**	**7.37**	**651**	**12.8**	--
CRYSTAL	6/09/2025	0 - 2 m	**120**	**7.1**	**0.020**	**8.5**	**2.4**	**--**	**--**	--	--	--
CRYSTAL	6/09/2025	0 m	--	--	**--**	**--**	**--**	**9.5**	**7.71**	**608**	**19.6**	--
CRYSTAL	6/09/2025	1 m	--	--	**--**	**--**	**--**	**9.6**	**8.0**	**609**	**19.6**	--
CRYSTAL	6/09/2025	2 m	--	--	**--**	**--**	**--**	**9.6**	**8.1**	**609**	**19.6**	--
CRYSTAL	6/09/2025	3 m	--	--	**0.020**	**--**	**--**	**9.5**	**8.2**	**609**	**19.6**	--
CRYSTAL	6/09/2025	4 m	--	--	**0.022**	**--**	**--**	**9.6**	**8.2**	**627**	**16.7**	--
CRYSTAL	6/09/2025	5 m	--	--	**0.023**	**--**	**--**	**9.6**	**8.1**	**629**	**15.0**	--
CRYSTAL	6/09/2025	6 m	--	--	**0.026**	**--**	**--**	**7.4**	**7.71**	**633**	**13.9**	--

Table 6
Crystal Lake 2025 Water Quality Measured by Barr Engineering
BDWMO

		Parameter	Chloride	Chlorophyll a, pheophytin-adjusted	Phosphorus, total, as P	Depth	Secchi disc	Dissolved oxygen	pH	Specific conductance @ 25 deg C	Temperature	Turbidity
		Units	mg/l	ug/l	mg/l	m	m	mg/l	pH units	umhos/cm	deg C	NTU
Location	Date	Depth										
CRYSTAL	6/09/2025	7 m	--	--	**0.033**	--	--	**6.4**	**7.60**	**643**	**13.0**	--
CRYSTAL	6/09/2025	8 m	**118**	--	**0.066**	--	--	**5.0**	**7.24**	**670**	**12.4**	--
CRYSTAL	6/23/2025	0 - 2 m	**117**	**11.6**	**0.018**	**8.4**	**2.2**	--	--	--	--	**2.5**
CRYSTAL	6/23/2025	0 m	--	--	--	--	--	**9.2**	**7.8**	**607**	**26.1**	--
CRYSTAL	6/23/2025	1 m	--	--	--	--	--	**9.2**	**8.1**	**607**	**26.1**	--
CRYSTAL	6/23/2025	2 m	--	--	--	--	--	**9.2**	**8.7**	**608**	**26.1**	--
CRYSTAL	6/23/2025	3 m	--	--	**0.022**	--	--	**9.0**	**8.4**	**615**	**22.0**	--
CRYSTAL	6/23/2025	4 m	--	--	**0.028**	--	--	**8.9**	**8.3**	**605**	**18.5**	--
CRYSTAL	6/23/2025	5 m	--	--	**0.024**	--	--	**8.0**	**8.2**	**617**	**16.9**	--
CRYSTAL	6/23/2025	6 m	--	--	**0.027**	--	--	**6.8**	**8.0**	**623**	**14.7**	--
CRYSTAL	6/23/2025	7 m	--	--	**0.024**	--	--	**5.4**	**7.8**	**640**	**13.3**	--
CRYSTAL	6/23/2025	8 m	**118**	--	**0.067**	--	--	**4.8**	**7.6**	**654**	**12.7**	--
CRYSTAL	7/07/2025	0 - 2 m	**117**	**13.9**	**0.020**	**8.4**	**0.9**	--	--	--	--	**4.72**
CRYSTAL	7/07/2025	0 m	--	--	--	--	--	**8.94**	**8.64**	**612**	**28.4**	--
CRYSTAL	7/07/2025	1 m	--	--	--	--	--	**9.52**	**8.68**	**613**	**28.2**	--
CRYSTAL	7/07/2025	2 m	--	--	--	--	--	**9.74**	**8.70**	**613**	**27.8**	--
CRYSTAL	7/07/2025	3 m	--	--	**0.027**	--	--	**9.74**	**8.68**	**614**	**27.4**	--
CRYSTAL	7/07/2025	4 m	--	--	**0.032**	--	--	**8.57**	**8.24**	**629**	**21.4**	--
CRYSTAL	7/07/2025	5 m	--	--	**0.029**	--	--	**6.24**	**7.93**	**631**	**18.4**	--
CRYSTAL	7/07/2025	6 m	--	--	**0.026**	--	--	**5.41**	**7.84**	**644**	**15**	--
CRYSTAL	7/07/2025	7 m	--	--	**0.046**	--	--	**4.84**	**7.72**	**662**	**13.3**	--
CRYSTAL	7/07/2025	8 m	**118**	--	**0.121**	--	--	**4.26**	**7.60**	**687**	**12.6**	--
CRYSTAL	7/21/2025	0 - 2 m	**117**	**21.8**	**0.023**	**8.0**	**1.1**	--	--	--	--	**6.3**
CRYSTAL	7/21/2025	0 m	--	--	--	--	--	**8.6**	**8.15**	**586**	**25.1**	--
CRYSTAL	7/21/2025	1 m	--	--	--	--	--	**8.7**	**8.40**	**587**	**25.1**	--
CRYSTAL	7/21/2025	2 m	--	--	--	--	--	**8.7**	**8.50**	**586**	**24.8**	--
CRYSTAL	7/21/2025	3 m	--	--	**0.024**	--	--	**8.6**	**8.52**	**586**	**24.7**	--
CRYSTAL	7/21/2025	4 m	--	--	**0.026**	--	--	**7.4**	**8.37**	**600**	**22.8**	--
CRYSTAL	7/21/2025	5 m	--	--	**0.025**	--	--	**5.8**	**8.07**	**617**	**18.6**	--
CRYSTAL	7/21/2025	6 m	--	--	**0.035**	--	--	**5.2**	**7.83**	**628**	**15.3**	--
CRYSTAL	7/21/2025	7 m	--	--	**0.032**	--	--	**4.6**	**7.64**	**655**	**13.3**	--
CRYSTAL	7/21/2025	7.5 m	**121**	--	**0.043**	--	--	**4.2**	**7.49**	**674**	**12.9**	--
CRYSTAL	8/04/2025	0 - 2 m	**114**	**14.8**	**0.024**	**8.1**	**1.3**	--	--	--	--	**8.1**
CRYSTAL	8/04/2025	0 m	--	--	--	--	--	**8.5**	**7.93**	**593**	**25.5**	--
CRYSTAL	8/04/2025	1 m	--	--	--	--	--	**8.5**	**8.13**	**597**	**25.5**	--
CRYSTAL	8/04/2025	2 m	--	--	--	--	--	**8.5**	**8.21**	**593**	**25.5**	--
CRYSTAL	8/04/2025	3 m	--	--	**0.022**	--	--	**8.3**	**8.24**	**593**	**25.4**	--
CRYSTAL	8/04/2025	4 m	--	--	**0.019**	--	--	**6.6**	**7.90**	**601**	**24.6**	--

Table 6
Crystal Lake 2025 Water Quality Measured by Barr Engineering
BDWMO

		Parameter	Chloride	Chlorophyll a, pheophytin-adjusted	Phosphorus, total, as P	Depth	Secchi disc	Dissolved oxygen	pH	Specific conductance @ 25 deg C	Temperature	Turbidity
		Units	mg/l	ug/l	mg/l	m	m	mg/l	pH units	umhos/cm	deg C	NTU
Location	Date	Depth										
CRYSTAL	8/04/2025	5 m	--	--	**0.029**	**--**	**--**	**6.1**	**7.81**	**625**	**19.9**	--
CRYSTAL	8/04/2025	6 m	--	--	**0.040**	**--**	**--**	**5.2**	**7.64**	**642**	**16.0**	--
CRYSTAL	8/04/2025	7 m	--	--	**0.067**	**--**	**--**	**5.0**	**7.49**	**670**	**13.8**	--
CRYSTAL	8/04/2025	7.5 m	**117**	--	**0.137**	**--**	**--**	**3.8**	**7.35**	**681**	**13.3**	--
CRYSTAL	8/18/2025	0 - 2 m	**112**	**19.4**	**0.026**	**8.5**	**1.2**	**--**	**--**	--	--	**5.0**
CRYSTAL	8/18/2025	0 m	--	--	**--**	**--**	**--**	**8.2**	**7.41**	**586**	**25.3**	--
CRYSTAL	8/18/2025	1 m	--	--	**--**	**--**	**--**	**8.2**	**7.78**	**587**	**25.0**	--
CRYSTAL	8/18/2025	2 m	--	--	**--**	**--**	**--**	**8.2**	**7.92**	**587**	**24.9**	--
CRYSTAL	8/18/2025	3 m	--	--	**0.027**	**--**	**--**	**7.9**	**7.93**	**587**	**24.7**	--
CRYSTAL	8/18/2025	4 m	--	--	**0.031**	**--**	**--**	**7.7**	**7.95**	**587**	**24.6**	--
CRYSTAL	8/18/2025	5 m	--	--	**0.029**	**--**	**--**	**6.7**	**7.73**	**601**	**21.3**	--
CRYSTAL	8/18/2025	6 m	--	--	**0.056**	**--**	**--**	**5.2**	**7.47**	**645**	**16.7**	--
CRYSTAL	8/18/2025	7 m	--	--	**0.045**	**--**	**--**	**4.5**	**7.20**	**677**	**14.1**	--
CRYSTAL	8/18/2025	8 m	**118**	--	**0.201**	**--**	**--**	**4.2**	**7.11**	**700**	**13.0**	--
CRYSTAL	9/04/2025	0 - 2 m	**117**	**12.7**	**0.029**	**8.0**	**1.3**	**--**	**--**	--	--	**4.7**
CRYSTAL	9/04/2025	0 m	--	--	**--**	**--**	**--**	**9.0**	**7.91**	**590**	**21.4**	--
CRYSTAL	9/04/2025	1 m	--	--	**--**	**--**	**--**	**9.0**	**8.03**	**590**	**21.4**	--
CRYSTAL	9/04/2025	2 m	--	--	**--**	**--**	**--**	**8.8**	**8.11**	**590**	**21.3**	--
CRYSTAL	9/04/2025	3 m	--	--	**0.026**	**--**	**--**	**8.6**	**8.13**	**590**	**21.1**	--
CRYSTAL	9/04/2025	4 m	--	--	**0.026**	**--**	**--**	**8.3**	**8.14**	**591**	**21.0**	--
CRYSTAL	9/04/2025	5 m	--	--	**0.026**	**--**	**--**	**8.0**	**8.01**	**595**	**20.4**	--
CRYSTAL	9/04/2025	6 m	--	--	**0.029**	**--**	**--**	**7.2**	**7.85**	**613**	**19.1**	--
CRYSTAL	9/04/2025	7 m	--	--	**0.036**	**--**	**--**	**6.4**	**7.63**	**700**	**13.9**	--
CRYSTAL	9/04/2025	7.5 m	**121**	--	**0.046**	**--**	**--**	**5.8**	**7.41**	**704**	**13.5**	--
CRYSTAL	9/24/2025	0 - 2 m	**115**	**24.0**	**0.027**	**8.4**	**1.6**	**--**	**--**	--	--	**5.9**
CRYSTAL	9/24/2025	0 m	--	--	**--**	**--**	**--**	**9.2**	**6.89**	**604**	**22.2**	--
CRYSTAL	9/24/2025	1 m	--	--	**--**	**--**	**--**	**9.4**	**7.90**	**604**	**22.2**	--
CRYSTAL	9/24/2025	2 m	--	--	**--**	**--**	**--**	**9.4**	**8.02**	**604**	**22.1**	--
CRYSTAL	9/24/2025	3 m	--	--	**0.029**	**--**	**--**	**9.1**	**7.89**	**609**	**21.9**	--
CRYSTAL	9/24/2025	4 m	--	--	**0.034**	**--**	**--**	**7.0**	**7.59**	**617**	**21.0**	--
CRYSTAL	9/24/2025	5 m	--	--	**0.025**	**--**	**--**	**6.2**	**7.54**	**615**	**18.4**	--
CRYSTAL	9/24/2025	6 m	--	--	**0.024**	**--**	**--**	**6.1**	**7.41**	**621**	**17.4**	--
CRYSTAL	9/24/2025	7 m	--	--	**0.032**	**--**	**--**	**4.3**	**7.26**	**628**	**15.5**	--
CRYSTAL	9/24/2025	8 m	**119**	--	**0.132**	**--**	**--**	**3.8**	**7.07**	**762**	**14.0**	--

-- : Not analyzed/Not available

2025 Annual Finance Statement and Audit

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BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Financial Statements
as of December 31, 2025

Unaudited
Prepared by the City of Burnsville

Contents:

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Statement of Net Position
as of December 31, 2025

	Governmental Activities 2025
Assets	
Cash and investments	653,795.34
Accounts receivable	-
Due from other governmental units	-
Prepaids	-
Capital assets	
Buildings	37,600.00
Equipment	110,138.00
Less accumulated depreciation	(139,278.00)
Total capital assets, net of accumulated depreciation	8,460.00
Total assets	662,255.34
Liabilities	
Accounts payable	1,886.30
Due to other governmental units	28,358.02
Unearned revenue	-
Total liabilities	30,244.32
Net position	
Net investment in capital assets	8,460.00
Restricted for capital improvements	140,989.27
Unrestricted	482,561.75
Total net position	632,011.02
Total liabilities and net position	662,255.34

-

Unaudited
Prepared by City of Burnsville

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Statement of Activities
Year Ended December 31, 2025

	Governmental Activities 2025
Expenses	
General government	
System operations	60,574.88
Administrative services	53,734.02
Depreciation	940.00
Total program expenses	115,248.90
Revenues	
General government	
Charges for services	
Management fees	131,500.00
Grants	
State of MN Board of Water and Soil Resources	-
General revenues	
Interest earnings	25,303.49
Total revenues	156,803.49
Change in net position	41,554.59
Net position	
Beginning of year	590,456.43
End of year	632,011.02

Unaudited
Prepared by City of Burnsville

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Balance Sheet
Governmental Funds
Year Ended December 31, 2025

	General Fund	Capital Improvement Fund	Total Governmental Funds 2025
Assets			
Cash and investments	512,806.07	140,989.27	653,795.34
Accounts receivable	0.00	0.00	0.00
Due from other governmental units	0.00	0.00	0.00
Total assets	512,806.07	140,989.27	653,795.34
Liabilities			
Accounts payable	1,886.30	0.00	1,886.30
Due to other governmental units	28,358.02	0.00	28,358.02
Unearned revenue	0.00	0.00	0.00
Total liabilities	30,244.32	0.00	30,244.32
Fund balances			
Restricted for capital improvements	0.00	140,989.27	140,989.27
Assigned for subsequent year's budget deficit	28,500.00	0.00	28,500.00
Unassigned	454,061.75	0.00	454,061.75
Total fund balances	482,561.75	140,989.27	623,551.02
Total liabilities, deferred inflows of resources, and fund balances	512,806.07	140,989.27	653,795.34

Amounts reported for governmental activities in the Statement of Net Position differ because:	
Fund balances – governmental funds	623,551.02
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	(139,278.00)
Net position of governmental activities	632,011.02

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Statement of Revenue, Expenditures, and Changes in Fund Balances
Governmental Funds
Year Ended December 31, 2025

	General Fund	Capital Improvement Fund	Total Governmental Funds 2025
Revenue			
Member assessments	119,000.00	12,500.00	131,500.00
Intergovernmental Revenue - Grants	-	-	-
Interest earnings	25,303.49	-	25,303.49
Total revenue	144,303.49	12,500.00	156,803.49
Expenditures			
General government			
System Operations			
Engineering	18,710.30	-	18,710.30
Special Projects	34,282.58	-	34,282.58
Insurance	2,828.00	-	2,828.00
Water quality monitoring	4,754.00	-	4,754.00
Administrative services			
Legal and audit	6,920.00	-	6,920.00
Administrative costs	22,268.02	-	22,268.02
Public education	24,546.00	-	24,546.00
Conferences, publications and reports	-	-	-
Contingency	-	-	-
Total expenditures	114,308.90	-	114,308.90
Expenditures	29,994.59	12,500.00	42,494.59
Other Financing Source (Uses)			
Transfers in	-	-	-
Transfers out	-	-	-
Total other financing sources (uses)	-	-	-
Net change in fund balances	29,994.59	12,500.00	42,494.59
Fund balances			
Beginning of year	452,567.16	128,489.27	581,056.43
End of year	482,561.75	140,989.27	623,551.02

Amounts reported for governmental activities in the Statement of Activities are different because:	
Net change in fund balances – governmental funds	42,494.59
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	41,554.59

Unaudited
Prepared by City of Burnsville

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Statement of Revenue, Expenditures, and Changes in Fund Balances
Budget and Actual
General Fund
Year Ended December 31, 2025

	2025		
	Original and Final Budget	Actual	Over (Under) Final Budget
Revenue			
Management fees	119,000.00	119,000.00	-
Intergovernmental Revenue - Grants	-	-	-
Interest earnings	1,500.00	25,303.49	23,803.49
Total revenue	120,500.00	144,303.49	23,803.49
Expenditures			
General government			
System Operations			
Engineering	34,000.00	18,710.30	(15,289.70)
Special Projects	46,000.00	34,282.58	(11,717.42)
Insurance	2,500.00	2,828.00	328.00
Water quality monitoring	5,400.00	4,754.00	(646.00)
Administrative services			
Legal and audit	11,000.00	6,920.00	(4,080.00)
Administrative costs	25,000.00	22,268.02	(2,731.98)
Public education	25,700.00	24,546.00	(1,154.00)
Conferences, publications and reports	500.00	-	(500.00)
Contingency	5,000.00	-	(5,000.00)
Total expenditures	155,100.00	114,308.90	(40,791.10)
Expenditures	(34,600.00)	29,994.59	64,594.59
Other Financing Source (Uses)			
Transfers in	-	-	-
Transfers out	-	-	-
Total other financing sources (uses)	-	-	-
Net change in fund balances	(34,600.00)	29,994.59	64,594.59
Fund balances			
Beginning of year		452,567.16	
End of year		482,561.75	

Unaudited
Prepared by City of Burnsville

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Statement of Revenue, Expenditures, and Changes in Fund Balances
Budget and Actual
Capital Improvement Fund
Year Ended December 31, 2025

	2025		
	Original and Final Budget	Actual	Over (Under) Final Budget
Revenue			
Management fees	12,500.00	12,500.00	-
Intergovernmental Revenue - Grants	-	-	-
Interest earnings	-	-	-
Total revenue	12,500.00	12,500.00	-
Expenditures			
General government			
System Operations			
Engineering	-	-	-
Special Projects	-	-	-
Insurance	-	-	-
Water quality monitoring	-	-	-
Administrative services			
Legal and audit	-	-	-
Administrative costs	-	-	-
Public education	-	-	-
Conferences, publications and reports	-	-	-
Contingency	-	-	-
Total expenditures	-	-	-
Excess (Deficiency) of Revenues Over (Under) Expenditures	12,500.00	12,500.00	-
Other Financing Source (Uses)			
Transfers in	-	-	-
Transfers out	-	-	-
Total other financing sources (uses)	-	-	-
Net change in fund balances	12,500.00	12,500.00	-
Fund balances			
Beginning of year		128,489.27	
End of year		140,989.27	

Unaudited
Prepared by City of Burnsville

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION				
Accounts Receivable				
12/31/25				
Description			**Amount**	**Deposit Date**
None				
			0.00	

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION				
Due From Other Governmental Units				
12/31/25				
Description			**Amount**	**Deposit Date**
		DFOG		
			0.00	

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION							
Accounts Payable/Due to Other Governments							
12/31/25							
Inv Date	**Vendor Name**		**Amount**	**Description**	**Date Paid**	**Check #**	**Check Amt**
	Barr Engineering	AP	$ 1,886.30	Services 11/1-12/26/2025	01/21/26	1868	$ 1,886.30
	Metropolitan Council	DTOG	$ 3,040.00	CAMP Citizen Assit Monitor Project 2025	02/18/26	1871	$ 3,040.00
	Dakota County Soil & '	DTOG	3,050.00	Services 10/2025-12/2025	02/18/26	1870	$ 3,050.00
	City of Burnsville	DTOG	$ 22,268.02	2025 Admin Support services	02/18/26	1869	$ 22,268.02
	total		$ 30,244.32				
		AP	1,886.30				
		AP-Cap	0.00				
		DTOG	28,358.02				
	total		$ 30,244.32				

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION						
Outstanding checks at year-end						
12/31/2025						
Inv Date	Vendor Name	Amount		Description	Date Paid	Check #
None						
		$ -				

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION		
Management Fees		
12/31/2025		
Management Fees 2025 (General Fund):		
City of Apple Valley	$ 9,362.00	
City of Burnsville	85,489.00	
City of Eagan	534.00	
City of Lakeville	23,615.00	
Total	$ 119,000.00	
Member Fees - Capital Improvement Fund 2025:		
City of Apple Valley	$ 972.00	
City of Burnsville	9,204.00	
City of Eagan	0.00	
City of Lakeville	2,324.00	
Total	$ 12,500.00	
Grand Total	131,500.00	
Total by City 2025:		
City of Apple Valley	$ 10,334.00	
City of Burnsville	$ 94,693.00	
City of Eagan	$ 534.00	
City of Lakeville	$ 25,939.00	
Total	$ 131,500.00	

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION		
Grants		
12/31/2025		
Description	**Amount**	**Deposit Date**
GRANTS	$ -	

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION

CAPITAL ASSETS SUMMARY

YEAR ENDED DECEMBER 31, 2025

Acq Date	Description	Useful Life	Historical Cost 12/31/03	Accumulated Depreciation 12/31/24	Net Value 12/31/24	2025 Depreciation	Balance 12/31/2025
1994	Building	40	37,600	(28,200.00)	9,400.00	(940.00)	8,460.00
1994	Equipment	15	110,138	(110,138.00)	-	-	-
			147,738.00	(138,338.00)	9,400.00	(940.00)	8,460.00
				total accumulated depreciation at YE		(139,278.00)	

Assets	Years
Buildings	40 years
Equipment	15 years

Capital asset activity for the year ended December 31, 2025 was as follows:

	Beginning Balance	Additions	Deletions	Ending Balance
Governmental Activities				
Capital assets, depreciated				
Buildings	$ 37,600	$ -	$ -	$ 37,600
Equipment	110,138	-	-	110,138
Total capital assets, depreciated	147,738	-	-	147,738
Less accumulated depreciation for				
Buildings	28,200	940	-	29,140
Equipment	110,138	-	-	110,138
Total accumulated depreciation	138,338	940	-	139,278
Governmental activities capital assets, net	$ 9,400	$ (940)	$ -	$ 8,460

BLACK DOG WATERSHED
MANAGEMENT ORGANIZATION

Board of Commissioners and Administrators
as of December 31, 2025

BOARD OF COMMISSIONERS

Curtis Enestvedt	Chair
Mike Hughes	Vice Chair
Scott Thureen	Secretary/Treasurer/Commissioner
Rollie Greeno	Commissioner
Paul Below	Commissioner
Ben Maas	Commissioner (Alternate)
Greg Helms	Commissioner (Alternate)
Open	Commissioner (Alternate)

ADMINISTRATORS

Daryl Jacobson	Administrator

BLACK DOG WATERSHED MANAGEMENT ORGANIZATION		
Notes		
12/31/25		
Description	**Amount**	
The last audit was performed for year-end 2024.		
An audit is required every 5 years OR if the revenue thresholds set by the OSA are met/exceeded.		