



Lake Quality Commission Agenda

January 18, 2023



The Lake Quality Commission (LQC) meeting will commence at **6:30** pm at the Maple Grove Government Center, 12800 Arbor Lakes Parkway, Maple Grove, MN, 55369.

ITEM	ACTION REQUIRED
CALL TO ORDER	Call to order by Chairperson Fahrenbruch at 6:30 p.m.
BUSINESS ITEMS	
1. Introductions	Introduce commissioners and students; 5 minutes for public comment
2. Oath of Office	Oath of Office for Nancy Bergstrand
3. Area Reports	
4. Approval of Minutes	Approve minutes from the November 16, 2022 LQC meeting
5. Election of Officers	Nominations of Commissioners and action will be taken on the positions of Chair and Vice Chair of the Lake Quality Commission for 2023.
6. 2023 Work Plan	Draft 2023 LQC Work Plan.
7. Maple Grove Days	Discussion on participation in Maple Grove Days
INFORMATIONAL ITEMS	
FUTURE MEETINGS:	February 15, 2023
ADJOURNMENT	

**MAPLE GROVE
LAKE QUALITY COMMISSION
DRAFT MINUTES
November 16, 2022**

CALL TO ORDER A meeting of the Lake Quality Commission (LQC) was held on November 16, 2022 in the Mayor’s Conference Room at the Maple Grove Government Center, 12800 Arbor Lakes Parkway, Maple Grove

Becky Fahrenbruch called the meeting to order at 6:32 p.m.

Commissioners Present:

Becky Fahrenbruch – Chair - Eagle Lake
Brennon O’Callaghan – Fish Lake
George Schneider – Rice Lake
Nancy Bergstrand – Weaver Lake
Steve Lane – Cedar Island Lake
Sharon Martin-Kotula – Edward Lake
Joe Ruegsegger – At Large

Commissioners Absent:

None

Others Present:

Karen Jaeger, City Council Liaison
Derek Asche, City of Maple Grove
Mark Lahtinen, City of Maple Grove
Andrew Siffert, Resident of Weaver Lake

AREA REPORTS Rice Lake, George Schneider – Less than 5% of the lake has ice. The aerator permit has been received and damage to and near the aerator has been repaired.

Eagle Lake, Becky Fahrenbruch – Lake level is low and not much activity. There are patches of ice. The neighbors dock flipped over.

Fish Lake, Brennon O’Callaghan – Annual FLARA meeting was held and chloride and ice carousel were discussed. The channel is frozen and the lake is low.

Cedar Island, Steve Lane – Water is low. Approximately 50% of the lake is covered in ice.

Edward Lake, Sharon Martin-Kotula – Lake is low. The lake association has some active new members. Ramp construction has started and the association is pursuing a grant for tree replacement by the trail tunnel under Bass Lake Road.

Weaver Lake, Nancy Bergstrand – Some ice on the lake. WLIA Board Meeting was held on 11/15.

At Large, Joe Ruegsegger – There appears to be a beaver dam near the boat launch.

Councilmember Jaeger – Birds are present on Rice Lake.

Maple Grove staff, Mark Lahtinen – Data is consistent with Commissioner descriptions of low water levels. Water level readings are done for the season and will recommence next spring.

APPROVAL OF
MINUTES

Minutes of the October 19, 2022 LQC meeting were presented.

MOTION TO APPROVE made by Bergstrand, second by Schneider. With all in favor the motion was APPROVED.

FISH LAKE ALUM
REPORT

Asche presented on the findings of the Fish Lake Alum applications. Sediment cores were collected in Fish Lake and analyzed in 2012 by William James at the University of Wisconsin-Stout. The pre-project internal loading represented approximately 70% of the total phosphorus load affecting surface water quality in Fish Lake and therefore, an in-lake alum treatment to achieve MPCA water quality standards was recommended. The sediment cores were also used to develop the alum dosing options to address the internal phosphorus load. Asche noted the project was largely successful in that post project water clarity, chlorophyll A, and secchi depth readings meet State standards. Fish Lake may be delisted from the Minnesota Impaired Waters List.

INFORMATIONAL
ITEMS

Asche noted two pond maintenance dredging projects have been approved by the City Council and are expected to begin in January 2023. Stream restoration on Pike Creek has begun in the City of Plymouth. The Pike Creek restoration project is a cooperative project between Maple Grove and Plymouth and is being administered by the City of Plymouth. The Garland Lane Flood Protection and Drainage Improvement Project has been approved by the City Council and is expected to commence in January 2023.

FUTURE
MEETING:

December 14, 2022

ADJOURNMENT

Meeting adjourned at 7:37 pm.



LAKE QUALITY COMMISSION STAFF REPORT

TO: Lake Quality Commission (LQC)
FROM: Derek Asche, Water Resources Engineer
DATE: January 10, 2023
SUBJECT: DRAFT 2023 WORK PLAN

In January of each year, the LQC prepares a work plan outlining the topics and subjects for consideration over the course of the year. Historically, the LQC has included Lake Improvement Program (LIP) applications, the required Maple Grove Municipal Separate Storm Sewer (MS4) Annual Meeting, and lake tours in the work program. Additionally, topics of interest, projects, guest speakers, and/or environmentally relevant issues have been included as well. A DRAFT work plan is provided as Table 1 for discussion purposes.

Table 1. DRAFT 2022 LAKE QUALITY COMMISSION WORK PLAN

February	LIP Process Data and Ethics Practices, Open Meeting Law Training
March	LIP Review and Approval
April	NPDES MS4 Annual Meeting and presentation
May	Steve McComas Lake Monitoring Report
June	Lake Tour?
July	No Meeting – Maple Grove Days
August	Lake Tour?
September	Lake Tour?
October	
November	
December	Winter/Holiday Gathering

RECOMMENDATION: I recommend the LQC draft their 2023 Work Plan.