



Lake Quality Commission Agenda

April 21, 2021

WebEx



The Lake Quality Commission (LQC) meeting will commence at **6:30** pm via WebEx. To join the meeting:

Meeting link:

<https://logis.webex.com/logis/j.php?MTID=mfac6a7b09d025a14a7b2a08a0119b045>

Meeting number: 177 450 3734

Password: MapleGrove

Host key: 910784

More ways to join:

Join by phone

+1-312-535-8110 United States Toll (Chicago)

+1-415-655-0001 US Toll

Access code: 177 450 3734

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	Councilmember Jaeger to give oath of office to Guarav Uppal.
3. Approval of Minutes	Approve minutes from the March 17, 2021 LQC meeting
4. Area Reports	
5. Water Obstacle Applications	Approve 2021 water obstacle applications for Fish and Cedar Island Lakes.
6. Chloride Presentation	Receive presentation on the impact of chloride on the environment and requirements of municipalities to manage chloride use
INFORMATIONAL ITEMS	
FUTURE MEETINGS:	May 19, 2021 – NPDES MS4 Annual Meeting and Presentation
ADJOURNMENT	

**MAPLE GROVE
LAKE QUALITY COMMISSION
DRAFT MINUTES
March 17, 2021**

CALL TO ORDER A meeting of the Lake Quality Commission was held on March 17, 2021 via Webex. Becky Fahrenbruch called the meeting to order at 6:33 p.m.

Commissioners Present:

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

Commissioners Absent:

Ben Zaker – At-Large
Guarav Uppal – At Large

Others Present:

City Council Member LQC Liaison Karen Jaeger
Dave Spatafore – Fish Lake
Derek Asche, City of Maple Grove
Mark Lahtinen, City of Maple Grove

APPROVAL OF MINUTES Minutes of the February 17, 2021 meeting of the Lake Quality Commission were reviewed for accuracy.

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

AREA REPORTS

Weaver Lake, Nancy Bergstrand – Quiet, nothing to report.

Rice Lake, George Schneider – Aerator ready to be turned off.

Eagle Lake, Becky Fahrenbruch – No open water. Quiet.

Edward Lake, Sharon Martin-Kotula – Aerator is operating. Swans and ducks present.

Cedar Island Lake, Steve Lane – Aerator is operating but will be turned off soon.

Fish Lake, Joe Randall & Dave Spatafore – an attempt was made to net and remove carp on March 2, 2021. 1,200 feet of net was deployed and encircled the

congregated carp. When pulling the net it caught a lawn mower allowing most of the carp to escape. Approximately 200 carp were caught.

2021 WORK PLAN **MOTION TO APPROVE by Schneider, second by Lane. With all in favor the motion was APPROVED.**

OATH OF OFFICE Joe Ruegsegger was sworn in by Councilmember Jaeger.

2021 LAKE IMPROVEMENT PROGRAM Asche presented a synopsis of the Lake Improvement Program (LIP) and noted that staff was recommending the LQC approve total funding from the City (Individual Lake Applications + Basic Annual Programming) of \$56,513.40. The LIP applications were presented individually by the submitters and were discussed by the committee. Additional funding was recommended by the committee as follows:

1. Increase Eagle/Pike education by \$200.00
2. Increase Weaver Lake Boat Launch Electricity – CD3 project by \$1,286.60
3. Increase Fish Lake AIS inspections by \$1,600
4. Add new item – Teal Lake Aeration funding in the amount of \$300
5. Increase Adopt-A-Drain funding by \$100.00

MOTION TO APPROVE the 2021 LIP budget of \$60,000 made by Randall, second by Schneider. With all in favor the motion was APPROVED.

RICE LAKE SLALOM COURSE **MOTION TO APPROVE by Lane, second by Martin-Kotula. With all in favor the motion was APPROVED.**

INFORMATION ITEMS Asche noted that LQC can participate in Maple Grove Days in 2021 if there are volunteers to assist with the project.

FUTURE MEETING: April 21, 2021

ADJOURNMENT **MOTION TO ADJOURN by Schneider, second by Martin-Kotula. With all in favor the motion was APPROVED. 7:45 p.m.**



**LAKE QUALITY COMMISSION
STAFF REPORT**

TO: Lake Quality Commission (LQC)
FROM: Derek Asche, Water Resources Engineer
DATE: April 14, 2021
SUBJECT: Approve slalom courses on Cedar Island and Fish lakes

Staff has received applications for slalom courses on Cedar Island and Fish lakes in 2021. A slalom course was approved by LQC for Rice Lake in March.

RECOMMENDATION: I recommend the LQC approve the slalom course applications for Cedar Island and Fish lakes.

Attachment: Cedar Island and Fish lakes slalom course applications

CITY OF MAPLE GROVE
12800 ARBOR LAKES PARKWAY, MAPLE GROVE, MN 55369

REQUEST FOR PERMIT FOR A WATER OBSTACLE

The following information is necessary to ensure proper and accurate issuance of your permit. Please fill the top half of this form out completely, complete with diagrams, and return it to our office as soon as possible. There is a \$50.00 Water Obstacle Permit application fee. Checks should be made payable to the City of Maple Grove. Thank you.

PLEASE PRINT

NAME: DAVID PROKOP
ADDRESS: 6945 CARGY LN MAPLE GROVE MN 55369
HOME PHONE: 612-709-0578 **WORK PHONE:** _____
LAKESHORE OWNER (if not applicant): _____
ADDRESS: _____
HOME PHONE: _____ **WORK PHONE:** _____
TYPE, NUMBER AND LOCATION OF PROPOSED STRUCTURES(S): LAKE OR BAY _____
Swimming Buoys _____, Ski Jump _____, Slalom Course , Other _____

YOU MUST SUBMIT A SIGNED AND DATED LETTER OF PERMISSION FROM THE AFFECTED PROPERTY OWNER(S)

Your Signature:  **Date:** 4-9-2021
Organization: CEDAR ISLAND LAKE HOMEOWNERS ASSOC.

With the application, the applicant shall provide proof satisfactory to the City of a policy or Certificate of Liability Insurance for the permitted obstacle, which insurance shall, as a minimum, meet the following requirements:

1. A minimum amount for each occurrence and for each year of \$1 million dollars (\$1,000,000) of comprehensive general public liability insurance;
2. In effect during the entire period of the permit;
3. Endorsed to show the City of Maple Grove as an additional insured;
4. No cancellation for any cause can be made either by the insured or the insurance company without first giving thirty (30) days written notice addressed to the City Clerk of an intention to cancel the same;
5. No payment of any claim by the insurance company shall in any manner decrease the coverage provided for because of any other claim or claims brought against the insured or insurance company thereafter;
6. The insurer shall pay to the extent of the principal amount of the policy any damages for death or injury caused by or resulting from the water obstacle for which such permit has been approved including, but not limited to, any such damages resulting from the violation of any law relating thereto.

By submitting this application, I and/or my organization, accept responsibility for the presence, maintenance, use and removal of the water obstacle and agree to indemnify and hold the City harmless from any liability with regard to the water obstacle.

FOR OFFICE USE ONLY:

	Date Completed:	Description
	4-12-21	Application for permit received by City
		Proof of insurance received
		Permit approved by Lake Quality Commission
		Permit approved by City Council
		Copy of Permit sent to applicant

CERTIFICATE OF INSURANCE

PRINT DATE: 4/8/2021

CERTIFICATE NUMBER: 20210408828077

AGENCY:

Edgewood Partners Insurance Center
2727 Paces Ferry Road, Building Two, Suite 1500
Atlanta, GA 30339
678-324-3300 (Phone), 678-324-3303 (Fax)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

NAMED INSURED:

USA Water Ski & Wake Sports, Inc. 2701 Lake Myrtle Park Rd. Auburndale FL 33823	Cedar Island Lake Ski Club 6945 Carey Lane Maple Grove MN 55369-7061
---	--

INSURERS AFFORDING COVERAGE:

INSURER A: Philadelphia Indemnity Ins. Co. NAIC #: 18058

EVENT INFORMATION:

Year Round Activity (-)

POLICY/COVERAGE INFORMATION:

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INS	TYPE OF INSURANCE:	POLICY NUMBER(S):	EFFECTIVE:	EXPIRES:	LIMITS:
A	GENERAL LIABILITY				
	<input checked="" type="checkbox"/> Occurrence	PHPK2219588	1/1/2021 12:01 AM	1/1/2022 12:01 AM	GENERAL AGGREGATE (Applies Per Event) \$2,000,000
	<input checked="" type="checkbox"/> Participant Legal Liability				EACH OCCURRENCE \$1,000,000
					DAMAGE TO RENTED PREMISES (Each Occ.) \$1,000,000
					MEDICAL EXPENSE (Any one person) EXCLUDED
					PERSONAL & ADV INJURY \$1,000,000
					PRODUCTS-COMP/OP AGG \$2,000,000
A	UMBRELLA/EXCESS LIABILITY				
	<input checked="" type="checkbox"/> Occurrence	PHUB750746	1/1/2021 12:01 AM	1/1/2022 12:01 AM	EACH OCCURRENCE \$4,000,000
	<input checked="" type="checkbox"/> SIR				AGGREGATE \$4,000,000
					RETENTION/DEDUCTIBLE \$10,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS:

The certificate holder is an Additional Insured with respect to liability arising out of the negligence of the Named Insured as per the following endorsement: Additional Insured - Certificate Holders (Form PI-AM-002).

Coverage only applies with respect to tournaments, practices, exhibitions, clinics and related activities sanctioned and approved by USA Water Ski, Inc.

30 days notice of cancellation (10 days for nonpayment) will be sent out in accordance with the policy provisions

CERTIFICATE HOLDER:

City of Maple Grove
12800 Arbor Lakes Parkway
Maple Grove MN 55369

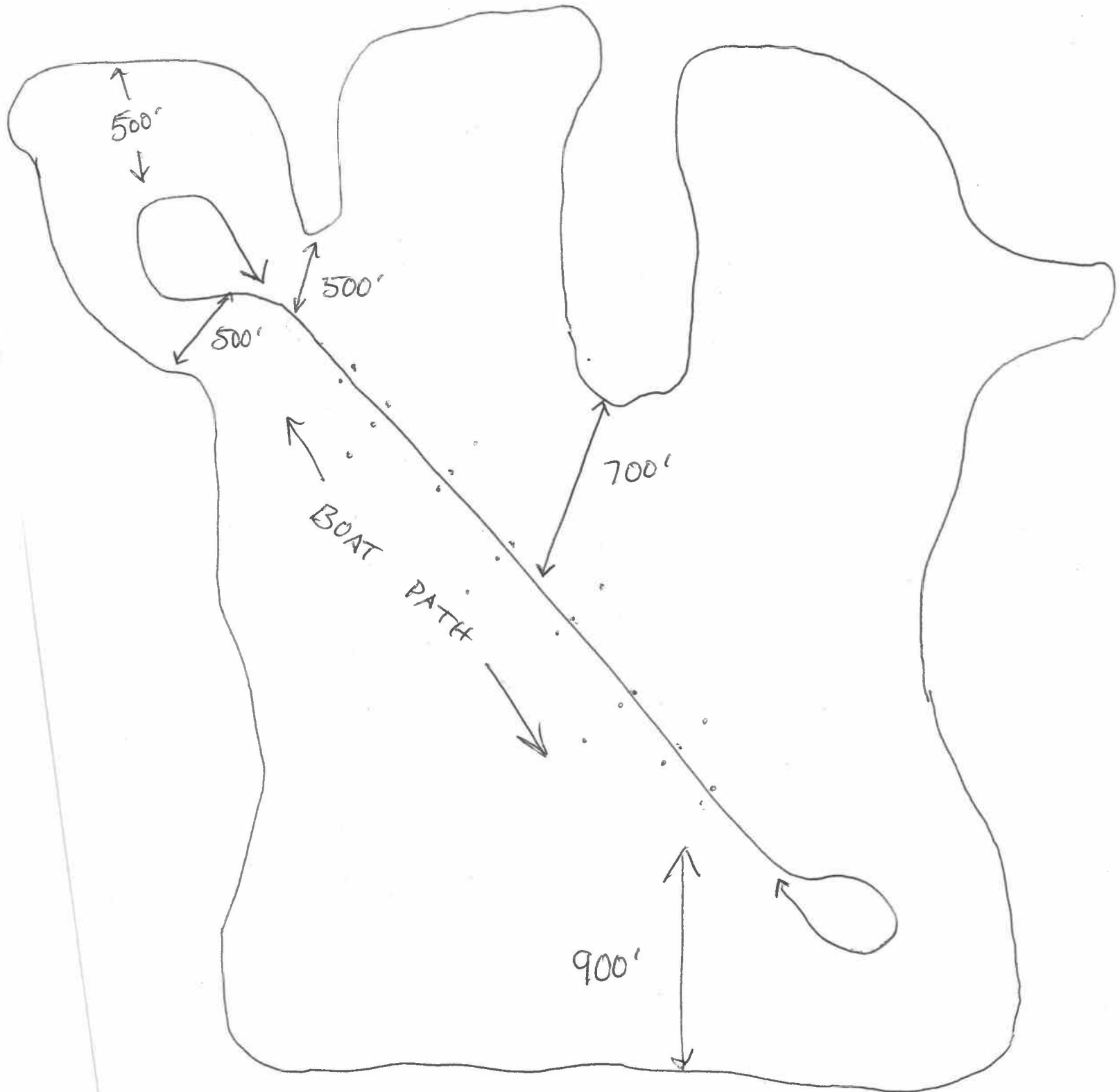
NOTICE OF CANCELLATION:

Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

AUTHORIZED REPRESENTATIVE:



CEDAR ISLAND LAKE DIAGRAM
SLALOM COURSE 2021



CITY OF MAPLE GROVE
12800 ARBOR LAKES PARKWAY, MAPLE GROVE, MN 55369


REQUEST FOR PERMIT FOR A WATER OBSTACLE

The following information is necessary to ensure proper and accurate issuance of your permit. Please fill the top half of this form out completely, complete with diagrams, and return it to our office as soon as possible. There is a \$50.00 Water Obstacle Permit application fee. Checks should be made payable to the City of Maple Grove. Thank you.

PLEASE PRINT

NAME: Brennon O'Callaghan
ADDRESS: 7546 Mariner Dr.
HOME PHONE: 612-202-5440 **WORK PHONE:** 612-625-8452
LAKESHORE OWNER (if not applicant): _____
ADDRESS: _____
HOME PHONE: _____ **WORK PHONE:** _____
TYPE, NUMBER AND LOCATION OF PROPOSED STRUCTURES(S): LAKE OR BAY
Swimming Buoys _____, **Ski Jump** _____, **Slalom Course** X, **Other** _____

YOU MUST SUBMIT A SIGNED AND DATED LETTER OF PERMISSION FROM THE AFFECTED PROPERTY OWNER(S).

Your Signature:  **Date:** 3/28/21
Organization: Fish Lake Ski Club

With the application, the applicant shall provide proof satisfactory to the City of a policy or Certificate of Liability Insurance for the permitted obstacle, which insurance shall, as a minimum, meet the following requirements:

1. A minimum amount for each occurrence and for each year of \$1 million dollars (\$1,000,000) of comprehensive general public liability insurance;
2. In effect during the entire period of the permit;
3. Endorsed to show the City of Maple Grove as an additional insured;
4. No cancellation for any cause can be made either by the insured or the insurance company without first giving twenty (20) days written notice addressed to the City Clerk of an intention to cancel the same;
5. No payment of any claim by the insurance company shall in any manner decrease the coverage provided for because of any other claim or claims brought against the insured or insurance company thereafter;
6. The insurer shall pay to the extent of the principal amount of the policy any damages for death or injury caused by or resulting from the water obstacle for which such permit has been approved including, but not limited to, any such damages resulting from the violation of any law relating thereto.

By submitting this application, I and/or my organization, accept responsibility for the presence, maintenance, use and removal of the water obstacle and agree to indemnify and hold the City harmless from any liability with regard to the water obstacle.

FOR OFFICE USE ONLY:

Date Completed:	Description
<u>3-29-21</u>	Application for permit received by City
<u>3-29-21</u>	Proof of insurance received
	Permit approved by Lake Quality Commission
	Permit approved by City Council
	Copy of Permit sent to applicant

SLALOM COURSES

A regulation length slalom course is normally over eight hundred (800) feet long, and because it restricts the public use of such a large area, the following rules are to be followed:

1. Property owners the course directly affects must give written permission.
2. Surface floats must be submerged or removed when the course is not in use.
3. The County permit number must be displayed on the end floats.
4. The course cannot exceed 900 feet in length.
5. The course cannot be a navigational, operational or environmental hazard.
6. The permit will be renewed annually and the previous year's complaints will be reviewed.
7. The course and boat path can be no closer than one hundred (100) feet from shore.
8. A detailed to scale map of course, water depth and boat path must accompany application.

I, Brennon O'Callaghan, hereby acknowledge that my temporary structure meets the above regulations.

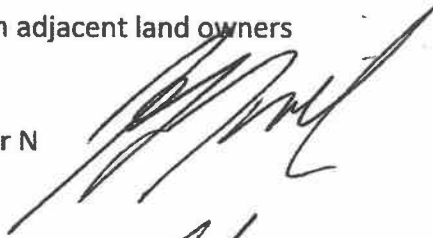
Dated: 3/28/21

Brenna O'Callaghan

**City of Maple Grove
12800 Arbor Lakes Parkway
Maple Grove, Minnesota 55369**

Permission from adjacent land owners

Jeff Monk
7488 Mariner Dr N



Jayson Steinkopf
7494 Mariner Dr N



Jeff Ryan
7510 Mariner Dr N



Lana King White
7516 Mariner Dr N



Doug Schon
7522 Mariner Dr N



Permission from adjacent land owners

Eric P Redlinger
7540 Mariner Pt N



Steven D Holmgren
7549 Mariner Pt N

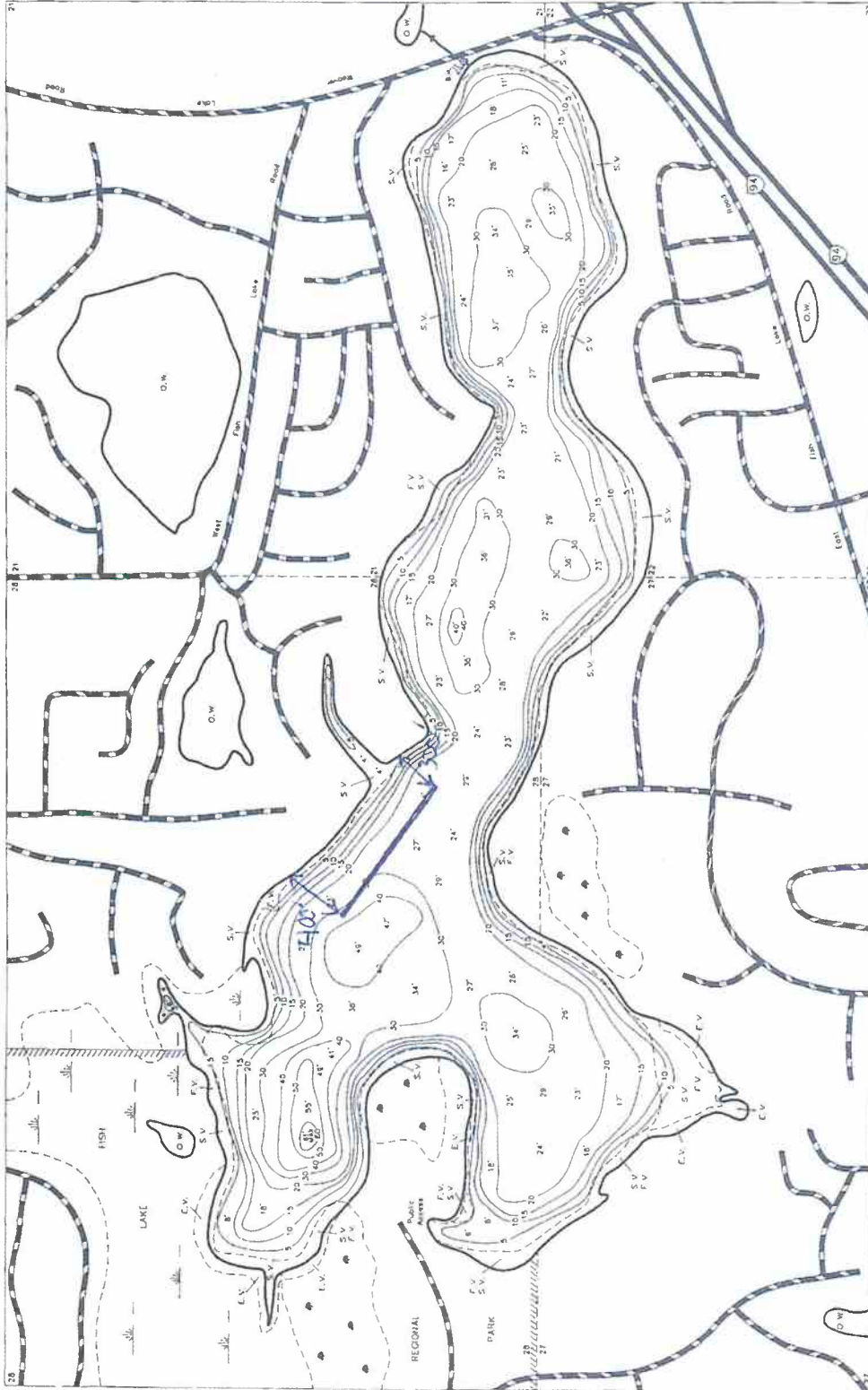


John E & Lori N Wall
7534 Mariner Dr N



Vitali Vassilkov
7528 Mariner Dr N





LEGEND

STREAM
 BRUSH STAMP
 MARSH
 FOREST
 OPEN WATER
 DEEPER VEGETATION
 SUBMERGED VEGETATION
 FLOODING VEGETATION
 PAVED ROAD
 UNPAVED ROAD
 NATIONAL INTERSTATE HIGHWAY
 SECTION LINE
 SECTION NUMBER
 COUNTY PARK
 CROWN
 BRIDGE
 BENCHMARK

8.4 - TOP OF CONCRETE DAMENT ON EAST
 SIDE OF LAKE
 1951 - 245 BELOW BM
 LAKE OUTLINE DRAWN FROM MAPS AGRICOLA
 PHOTOGRAPH #334-56, 04/27/70
 ALL LAKE DEPTHS ARE SHOWN IN FEET



MINNESOTA
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF SOIL AND WATER
 STATE OF MINNESOTA
 DIVISION OF SOIL AND WATER
 ESTABLISHED SURVEYS SECTION
 PROJECT NO. 12-12-12
 MAP SHEET NO. 0-0096

FISH LAKE

MEMBER: LAKE AREA 237.5 ACRES
 27-118 INTERNAL AREA 102.4 (433) ACRES
 8 278 TOTAL WATERSHED 4800.1 ACRES
 SECTION: 21-21-2720 NEAR 02/70 20.3 FEET



CERTIFICATE OF INSURANCE

PRINT DATE: 3/26/2021

CERTIFICATE NUMBER: 20210326827500

AGENCY:

Edgewood Partners Insurance Center
2727 Paces Ferry Road, Building Two, Suite 1500
Atlanta, GA 30339
678-324-3300 (Phone), 678-324-3303 (Fax)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

NAMED INSURED:

USA Water Ski & Wake Sports, Inc. Fish Lake Ski Club
2701 Lake Myrtle Park Rd. Fish Lake
Auburndale FL 33823 Maple Grove MN 55311

INSURERS AFFORDING COVERAGE:

INSURER A: Philadelphia Indemnity Ins. Co. NAIC #: 18058

EVENT INFORMATION:

Year Round Club Activity (3/26/2021 - 12/31/2021)

POLICY/COVERAGE INFORMATION:

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INS	TYPE OF INSURANCE:	POLICY NUMBER(S):	EFFECTIVE:	EXPIRES:	LIMITS:
A	GENERAL LIABILITY				
	<input checked="" type="checkbox"/> Occurrence	PHPK2219588	1/1/2021 12:01 AM	1/1/2022 12:01 AM	GENERAL AGGREGATE (Applies Per Event) \$2,000,000
	<input checked="" type="checkbox"/> Participant Legal Liability				EACH OCCURRENCE \$1,000,000
					DAMAGE TO RENTED PREMISES (Each Occ.) \$1,000,000
					MEDICAL EXPENSE (Any one person) EXCLUDED
					PERSONAL & ADV INJURY \$1,000,000
					PRODUCTS-COMP/OP AGG \$2,000,000
A	UMBRELLA/EXCESS LIABILITY				
	<input checked="" type="checkbox"/> Occurrence	PHUB750746	1/1/2021 12:01 AM	1/1/2022 12:01 AM	EACH OCCURRENCE \$4,000,000
	<input checked="" type="checkbox"/> SIR				AGGREGATE \$4,000,000
					RETENTION/DEDUCTIBLE \$10,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS:

The certificate holder is an Additional Insured with respect to liability arising out of the negligence of the Named Insured as per the following endorsement: Additional Insured - Certificate Holders (Form PI-AM-002).

Coverage only applies with respect to tournaments, practices, exhibitions, clinics and related activities sanctioned and approved by USA Water Ski, Inc.

30 days notice of cancellation (10 days for nonpayment) will be sent out in accordance with the policy provisions

CERTIFICATE HOLDER:

City of Maple Grove
12800 Arvor Lakes Pkway
Maple Grove MN 55369

NOTICE OF CANCELLATION:

Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

AUTHORIZED REPRESENTATIVE:





LAKE QUALITY COMMISSION STAFF REPORT

TO: Lake Quality Commission (LQC)

FROM: Derek Asche, Water Resources Engineer

DATE: April 14, 2021

SUBJECT: Receive presentation on chloride and the environment

Chloride, commonly referred to as salt, when present in lakes, wetlands, and streams and in high concentrations can impact freshwater fish and other aquatic life. Sources of chloride include deicing, water softeners, and fertilizer.

Staff will present background on chloride and the requirements placed on the City to reduce excessive chloride discharge into the environment.

RECOMMENDATION: I recommend the LQC receive a presentation on chloride and the environment.