



Gleason Lake Improvement Association

FALL 2016 Newsletter

We have spent \$12,965 for lake treatment and aeration to improve and maintain our water quality to date (8/31/16)

Thank you for your donations.

We hope you'll continue to support us this fall.

Envelopes are enclosed for your donations.

GLIA Board

OUR RAMP: (located SE of Luce Line Bridge) needs work again after the heavy rains. Work is estimated at \$2000 by Dave Davison, neighbor on 11th Av., for grading and extra rock.

BOAT REMOVAL:

24 HOUR NOTICE PLEASE.

Contact: Lee Wallace 763-913-9210

Peter Palm 612-201-1166

Lee Keeley 763-473-6808

BOAT SIZE: We are getting larger pontoons on the lake; the problem is our ramp access. It is difficult to back down due to two oaks and the angles. Due to this difficulty, trucks maneuver back and forth and are hard on the road and rock. Consider smaller boats to accommodate our lake and ramp. Thank you.

WELCOME NEIGHBORS: Laura and Jay Anderson on 9th Av N, Don and Pam Shea, Joanne Watson, Dick and Lee Minors, and Terry Olson of Kingswood; Lisbeth Carlson, James and Judy Thul, Betty Gove, Anthony Ling of Cimmaron and others I have missed.

CIMARRON: 1 of 19 townhomes next to Gleason Lake has joined GLIA to support improvement and preservation of our lake. We invite the others to join.

"Everything we do to the earth, we do to our selves" Chief Seattle

Ice Warning - Open Water:

Aerators to supply oxygen over winter are turned on December/January until mid March. Please watch for stakes and signs to avoid open water area in the south bay.

ELODEA is in abundance in our lake. It is often called **waterweed**; a genus since in 1803; native to North and South America; widely



used in freshwater aquariums. **It has become a noxious weed.** It produces winter buds from the stem tips that winter on lake bottoms. In the fall, leafy stalks detach, float away, root, and start new plants. **Silty sediments and rich nutrients favor its growth.**

Elodea increased 9% to 31% lake coverage this spring on Gleason Lake. (McComas report)

Coontail increased from 44% to 97%. NEXT YEAR we may include spraying coontail. Total coontail coverage was estimated at 25 acres on April 19 and 49 acres on June 15, 2016 survey. (McComas)S

Some Improvement:

In 2007-2008-2009 we treated the whole lake (MCWD and DNR pilot study).

In 2011 we treated 16 acres; 2014, 13 acres and 2016, 19 acres.

We went from 2007 521 gallons of herbicide to 2016 91 gallons.

THIS YEAR has been a very wet spring and summer. We have had 4 rainfalls of 3"+ and we are nearly 3" above average for the year.

Where does our water go?

There is one primary stream within the subwatershed; at the dam Gleason Creek flows to Glenbrook Pond in Wayzata, which discharges by storm sewer into Wayzata Bay of Lake Minnetonka.

Where is the Dam? It is to the west between Kingswood and Waycliffe.



Help keep Gleason Lake clean!
Keep leaves out of street gutters!

Decayed leaves and street debris add to our silty lake bottom - increasing phosphorous.

Our lake challenge: Nutrient loading from runoff in the watershed cannot explain the total phosphorus concentrations in our lake. *Internal loading from lake sediments is likely a root cause of the higher than expected in-lake total phosphorus concentrations and excessive algal blooms.* (2007 SubWatershed Plan)

SPRING VEGETATION SPRAYING:

Go to: GleasonLake.org/management, print and fill out a form, return to Midwest AquaCare with your payment by March 30th.

SPRING COMES EARLIER NOW —OUR SPRAYING DATE GETS EARLIER— SUBMIT FORMS AND PAYMENT EARLY. CURRENT FEES POSTED ON WEBSITE BY NEXT SPRING.

For members, GLIA pays the \$35 permit fee;
For non-members, include \$35 with your check
2016 - \$179 per spraying (usually 2 times)
+ \$35 permit (1 time)

If questions, contact:

wallacelee10@hotmail.com

or joan@midwestaquacare.com

Future lake access?

Ms Keeley has been generous to grant GLIA members access to her ramp; however, this may not be so in the future if there is a new owner.

We are investigating new sites - any suggestions? Let us know at gleasonlia@gmail.com

The significant problems we have cannot be solved by the same level of thinking that created them.

Einstein

