



Gleason Lake Improvement Association

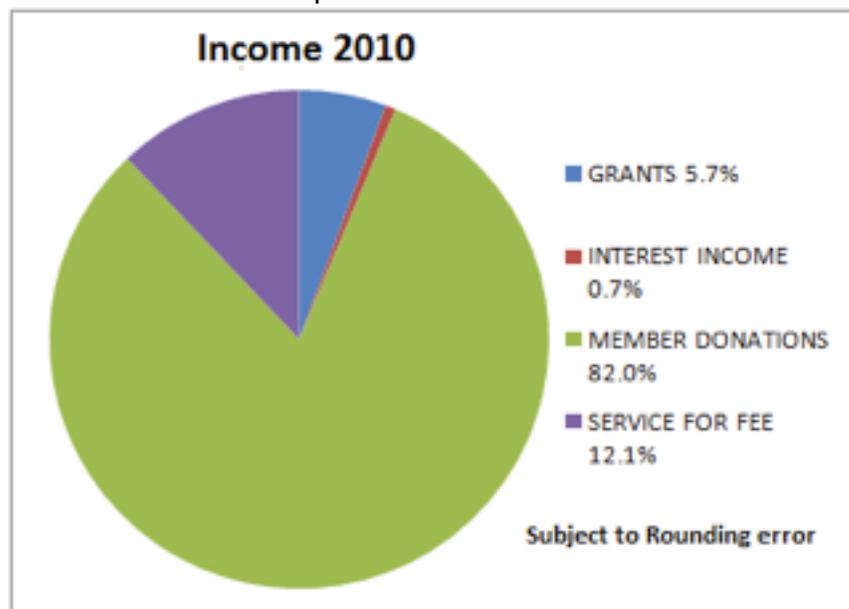
WINTER 2010 E-NEWS

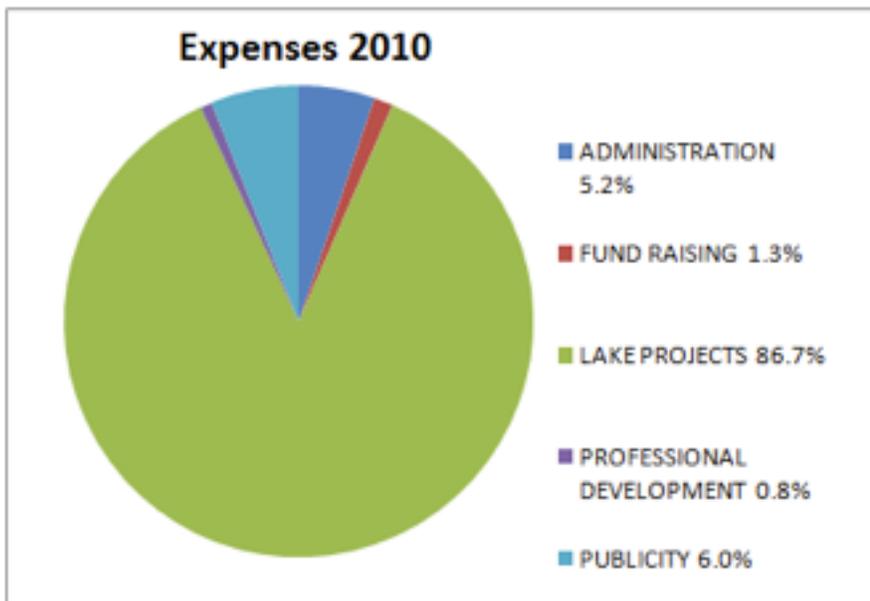
News from the President: This has been quite a year. It started with early spring -- 3 weeks ahead of 2009. **On April 22, 2010** we sprayed the lake with **herbicide Aquathol K** (a report on Aquathol K is on our website). Because of the warmer temperatures and extra sunlight, the lake vegetation was thick over summer (But, Curlyleaf was greatly diminished.) As we control one vegetation, another moves in. The Coontail and Lilly Pads were extensive this year in both north and south bays. This is our 6th year of the study, and we have an option to participate in year 7.

We had a **harvester** come August 2010, but this was an expensive and short-term fix. This created a path on the main lake, but was soon filled in again by Coontail and Duckweed which are floating plants without roots.

In 2011 the DNR will have higher fees and more restrictions on spraying.

Financial charts are shown for 2010 income/expenses.





Zebra Mussels Watch! Found in Lake Minnetonka fall 2010. The dam should keep them from flowing upstream into Gleason, but they could enter from the north or by infested boats and docks.

CHECK boats, docks and lifts for presence of zebra mussels.
If found, report to gleasonlake.org or Minnehaha Creek Watershed District.

REMINDER: *It is unlawful to destroy vegetation in the lake.*
One Exception: *access to the lake 15 feet wide and 50 feet from shore or one-half the shoreline if under 100 feet.*

LAKE ACCESS:** Is available to members of the association. Lee Keeley has granted GLIA access on her property, and we help maintain the access for members, as well as lake studies, testing, spraying, and harvesting.

** Call first to obtain access (road is chained) Lee 763-473-6808 or Ken 763-473-2768

** Reasonable hours are 9 a.m. to 3 p.m.

E MAILS: We need to update our email addresses. Last time we sent out notices, 14 were returned.
If your address changed in the last 2 years, please notify us at:
gleasonlia@gmail.com. (l i a for Lake Improvement Association)

No Wake Zone: south of Luce Line Bridge until past the peninsula.

Thanks to everyone that contributed in 2010 to GLIA. We are ever mindful to use our money wisely to further our mission. In 2010, 86% went to directly to lake improvements.

Donna Wolsted

There are fewer days of ice cover each winter. Ice cover begins later and ice off is earlier. According to one study the ice cover is almost two weeks less than it was 100 years ago. Most attribute this to climate change. *Is this a good thing?* It can be for boating, but it may disrupt fish spawning, cold water fish may disappear, and AIS have an edge over native plants/animals.

Our task: Keep out AIS. (aquatic invasive species) gleasonlake.org. **READ:**
Minimize their effect. Aquathol K /endothall - lake herbicide
Mitigate their impact. 2008/9 Sediment Report
2010 Lake Treatment Summary

Watch: *Troubled Waters* - a TPT production



Have you taken a turn to serve on the board???

Join the board ----- New Members Needed to help with our mission.

Past Presidents: 1980 Lee Wallace 1985 Jack Lamoureaux 1988 Lee Keeley
1993 Suz Galloway 1994 Don Patterson 1995 Gary Nafstad
1999 Peter Palm 2005 Lee Keeley 2009 Donna Wolsted



2011 Events

updates on gleasonlake.org

- April 8 and 9 - Lawn & Garden Expo at Plymouth Creek Center
- May 12 Zachary Lane Elementary Environmental Fair
- June 11 Day on the Lake t.b.d.
- June 29 Music Day in Plymouth - Hilde Center

EVALUATION OF LAKE-WIDE, EARLY-SEASON HERBICIDE TREATMENTS FOR CONTROLLING INVASIVE CURLYLEAF PONDWEED IN MINNESOTA LAKES

JAMES A. JOHNSON - WATER RESOURCES SCIENCE MS DEFENSE
LIMNOLOGY AND OCEANOGRAPHY TRACK
ADVISOR: RAY NEWMAN
Wildlife and Conservation Biology
<http://www1.umn.edu/twincities/maps/AlderH/>
University of Minnesota – St. Paul Campus

Curlyleaf is an invasive aquatic plant in over 800 Minnesota lakes. Its early season growth, propensity to form dense surface mats, and ability to out-compete native plants allow it to degrade the ecological and recreational quality of infested lakes. **Consequently**, there is great interest in adopting management strategies that can reduce the negative impacts of curlyleaf and provide some degree of long-term control on a lake-wide basis. I collaborated with the Minn. DNR in 2006, 2007, and 2008 to evaluate [lake-wide, early-season herbicide treatments for curlyleaf management](#). **Six curlyleaf-infested lakes** were treated with early-season, low-dose applications of endothall or fluridone herbicides for at least three consecutive years. Three additional lakes with established curlyleaf infestations were selected to serve as untreated reference lakes. **These results suggest:** 1) serial lake-wide, early-season herbicide **treatments can effectively decrease** the negative impacts of curlyleaf and reduce the abundance of turions in lake sediments, but 2) **ongoing management will likely be required to maintain long-term control** of curlyleaf in infested lakes.

A complete report and photo of CLP can be found at: gleasonlake.org

GLEASON LAKE IMPROVEMENT ASSN

1030 Garland Lane North
Plymouth, Mn 55447-3536

FALL 2010 E-NEWS

TO:

We need a new treasurer. If you can help, call 612-710-9551.

Gleason Lake is a shallow lake with a large watershed, 3,000+ homes and 3,900 acres. The runoff of excess nutrients enhance the lake's vegetative growth. As such, July and August are "*dog days of summer*". We can still enjoy this nature-setting, its wildlife, and its beautiful sunrises (as below) and sunsets. It is best to enjoy the lake by boat during May-June before vegetation grows and Sept-Oct when its vegetation dies back.

