

Long Lake Issues

Long Lake was recently infested with Eurasian Watermilfoil. If left unmanaged, milfoil will increasingly cause slimy mats of weeds that can choke out the lake as we know it. These mats of weeds were noticeable last summer -- and will continue to proliferate causing further decline in aquatic health, views, swimming, fishing and boating.



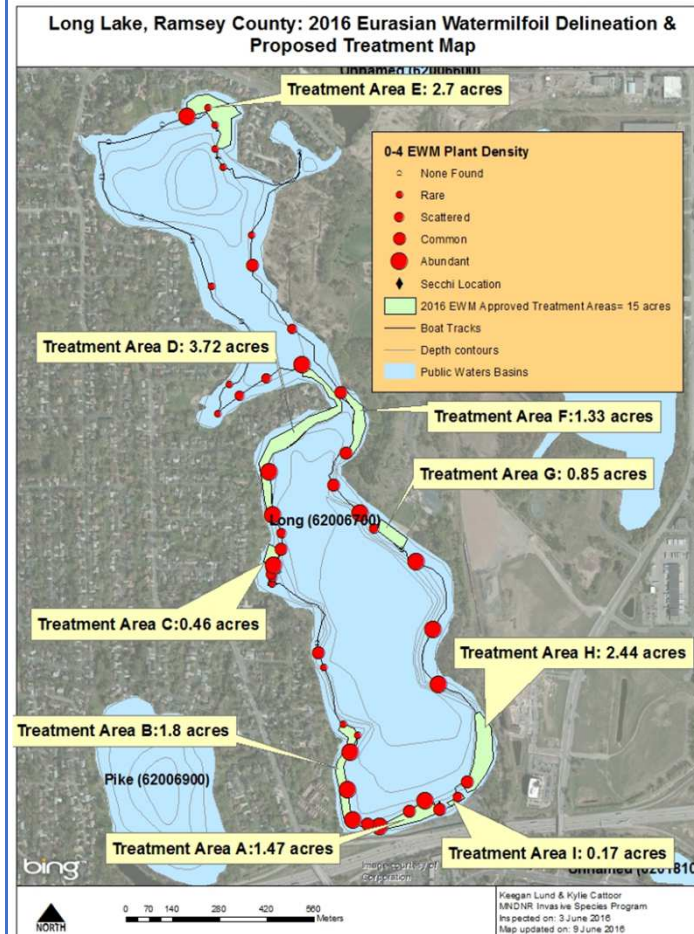
In addition to invasive milfoil, Curly Pondweed is also present in Long Lake.

LLIA is working to come up with a management plan and partners to treat milfoil and other weeds. Treatment will need to be on-going and will be most effective if all neighbors, lakeshore and easement owners participate (along with partners such as the county, city and other organizations).

Milfoil Update

Eurasian Watermilfoil was first found in Long Lake in the summer of 2015. Since then, it has aggressively spread across the lake threatening our ability to enjoy recreational uses of the lake.

MN DNR performed a weed survey in June 2016 identifying the problem areas of the lake referenced below. The full 2016 Survey is available on our website.



Curly Leaf Update

Curly Leaf Pondweed has been in Long Lake for quite some time and is still the prevalent invasive weed on the lake per the June 2016 Study (see below).



Average Abundance 6/15/2016	Percent Occurrence 6/15/2016
1.1	67
1.4	50

Percent occurrence and average abundance of aquatic plant taxa present during Long Lake point-intercept surveys

Species	Common Name	Scientific Name	Average Abundance 6/15/2016	Percent Occurrence 6/15/2016	Average Abundance 6/4/2012	Percent Occurrence 6/4/2012
1	Curly-leaf Pondweed	<i>Potamogeton crispus</i>	1.1	67	1.7	38
2	Eurasian Watermilfoil	<i>Myriophyllum spicatum</i>	1.4	50		
3	Canada Waterweed	<i>Eleocharis canadensis</i>	1.1	29	1.8	46
4	Coontail	<i>Ceratophyllum demersum</i>	1	23	1.4	37
5	Watermeal	<i>Wolffia</i>	1	20	1	3
6	Lesser Duckweed	<i>Lemna minor</i>	1	19	1.3	7
7	Small Pondweed	<i>Potamogeton pusillus</i>	1	14	1.5	24
8	Leafy Pondweed	<i>Potamogeton foliosus</i>	1	11		
9	Filamentous Algae	<i>Spirogyra/Cladophora sp</i>	1.2	7	1.2	10
10	Sago Pondweed	<i>Stuckenia pectinata</i>	1	3		
11	Slender Leaf Naiad	<i>Najas flexilis</i>	1	4		

Note: Percent occurrence represents the number of times a plant species was observed divided by the number of total sample sites where vegetation was observed. Average abundance is calculated as the average of the abundance ranking for an individual species present.

Who We Are

We are a group of Long Lake area neighbors working together to protect the water quality and safety of Long Lake. We are the Long Lake Improvement Association (LLIA) and our goal is to preserve Long Lake's value as a recreational oasis.

While LLIA has existed for many years and been active in various clean-up and public safety efforts with Long Lake, **there are some new challenges and issues that Long Lake is facing with Aquatic Invasive Species (AIS).**

To meet these challenges, WE NEED YOU to join us in efforts to keep Long Lake the local treasure that it is.

About LLIA

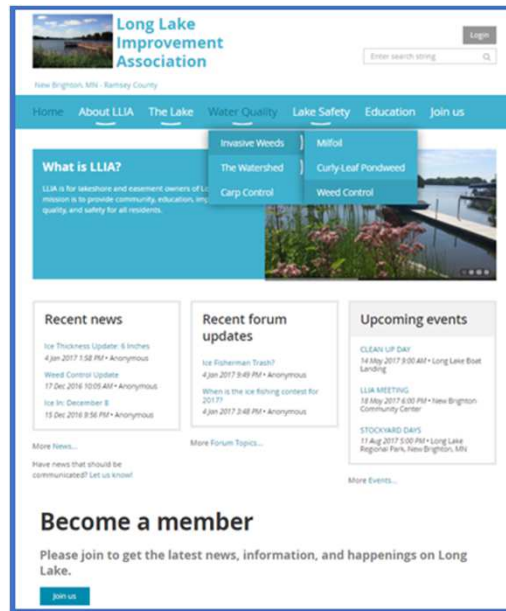
Long Lake Improvement Association of New Brighton, Inc is a non-profit organization with the mission of improving water quality, safety, and education.

Please email us at lilianewbrighton@gmail.com with any questions, comments, suggestions, or otherwise. Your input and ideas are important to us.

Your LLIA Website

Our site is now available to provide information, education, and community to LLIA Members at www.lilianewbrighton.org.

- *Get the latest lake news and information, such as efforts towards weed control.*
- *Receive email blasts regarding minimum wake and other news.*
- *View and register for events, such as LLIA Association Meetings, Clean Up Day, etc.*
- *Participate in the forum to share ideas or obtain lake information.*
- *Simply pay your tax deductible contribution via credit card.*



*Privacy is important to us. By registering with the site and participating in the forum, your contact information **will not be shared with the public or other members.***

How Can You Help?

JOIN US!!!

Join your neighbors and become a member of LLIA. Register on the LLIA website at www.lilianewbrighton.org to receive the latest news and information. Your involvement can be as little or as much as you want. Your tax deductible contribution or donation are vital and will help pay for treatment of the lake and public safety efforts.

Stay abreast of news and efforts by attending meetings or viewing the LLIA website.

LLIA, is working with Ramsey County and the MN DNR to develop a plan to control these Aquatic Invasive Species. The City of New Brighton has committed funding to protect Long Lake in partnership with LLIA. Lake Restoration, Inc., LLIA's chosen vendor, will be in touch directly this spring to facilitate the permitting process for treatment applications.

When weeding, don't allow fragments of milfoil to drift away. It spreads rapidly from fragments of the plant.