

# Lake Lemon Conservancy District

## Points of Interest

If you have recently purchased or sold property at Lake Lemon, please contact the LLCD Office at 812-334-0233, so we can update our database.

The LLCD strongly encourages all freeholders to subscribe to the LLCD List Serve. The district uses this technology to keep freeholders informed of current events and happenings on the lake. To subscribe, please send your name and email address to the office at [office@lakelemon.org](mailto:office@lakelemon.org).

Like us on Facebook @ Lake Lemon Conservancy District

<u>Board of Directors</u>	<u>Term</u>	<u>Sub-Area</u>
Michael Klitzing	2021	I
Sue Miller	2018	II
Mary Jane Brown <i>Vice-Chair</i>	2020	III
Lora Schell	2021	IV
Les Wadzinski	2020	V
Pam Dugan <i>Chair</i>	2018	VI
Mike Blackwell <i>Treasurer</i>	2019	VII
Adam Casey <i>District Manager</i>		
James Van Tassel <i>Operations Supervisor / Biologist</i>		

For more information on the LLCD Board of Directors Meeting please visit our website [www.lakelemon.org](http://www.lakelemon.org)

## Don't Lose Our Lake!

**Public Meeting – May 20<sup>th</sup> at 3:00 PM**

**Showers Building Council Chambers, 401 N. Morton St.,  
Bloomington**

**Plan to attend! Join the effort to preserve Lake Lemon!**

**Fact:** Lake Lemon is a man-made reservoir and as such has a limited natural life. When it was built in the 1950's, it was expected to have a useful life of 100-125 years. The lake is now over 60 years old.

**Fact:** Somewhere between 15,000 and 45,000 cubic yards of sediment flow into the lake each year, mostly from Bean Blossom Creek, and it gets deposited in the ever shrinking basin of the lake. 30 years from now, we can expect the lake to become much smaller than it currently is, with swampy marshes along much of the present shoreline. This natural reclamation process is already clearly visible in parts of the lake, particularly at the east end.

**Fact:** Fortunately, there is technology available to manage the rate of sedimentation and remove much of what has already been deposited. If we want future generations to continue to enjoy the lake, we must start implementing this technology now.

The LLCD Board has appointed a Strategic Planning Committee to recommend options for implementing this technology. The public meeting on May 20 will be our first opportunity to present this material to Freeholders. The following topics will be discussed:

- Sedimentation in our lake - see historic photos of how the lake has changed over the years.
- KCI report - outside experts explain various options.
- Current mechanical dredging efforts
- Sediment traps - How and where?
- Hydraulic dredging - benefits and affect on Freeholders
- Financial impact - how do we plan to manage it?
- Discussion and questions

Please take time to attend this meeting. The future of the lake we love depends on your interest and support!

## New to Lake Lemon?

If you are new to Lake Lemon or have a friend or neighbor who is a new homeowner please have them contact the LLCDC to update our database and email list.

Things to know:

- The LLCDC hosts monthly board meetings. Generally, meetings are on the fourth Thursday of each Month at the City of Bloomington Utilities Building. Summer meetings (June 24, July 22, August 19) are at the Riddle Point Park Shelter House at 10:00 AM. Please attend these meetings to keep up to date on Lake Business.
- Any shoreline improvements or new docking systems must be approved by the LLCDC. Shoreline permit request forms can be found on our website lakelemon.org
- All motor boats are required to have a lake lemon permit. These permits are available at the LLCDC Office or Gatehouse. There is no permit/fee for kayaks, canoes, paddleboards.
- DNR Patrols regularly on Lake Lemon so be sure you have all the required equipment (fire extinguishers, life jackets, navigation lights, etc.) based on the craft you are operating. Boating rules and regulation handbooks can be found at the LLCDC Office/Gatehouse.
- Fishing licenses are required at Lake Lemon and all State Fishing Rules and Regulations Apply.

## 2017 Independence Day Firework Celebration

The LLCDC fireworks are scheduled for Sunday, July 2<sup>nd</sup> with a rain date of Monday, July 3<sup>rd</sup>. Solicitation for donations will be out in a few weeks.

## Volunteer Day – Saturday May 6, 2017

Volunteer Day will be at Riddle Point Park on Saturday May 6 starting at 9 AM. Please let the LLCDC know if you plan to attend so we can plan accordingly for work and supplies. Potential jobs include: invasive plant treatments, shoreline clean up (tree/brush removal), painting, flower planting, grass seeding, power washing, etc.

## Barge Operations

The LLCDC has performed nine private rip rap jobs totaling 1,160 lineal feet of shoreline stabilized. Rip Rap jobs are traditionally done in the spring, please contact the LLCDC Office to get on the list for the Spring of 2018.

LLCDC Dredging will commence in the Chitwood Channels for the 2017 season using the small barge. The second priority for dredging is ice box cove on the South West end of the lake.

Debris Removal will be done one to two weeks prior to Memorial Day weekend. If you have large logs that cannot be managed by two people, please let the LLCDC know and we will be sure to do the best we can to clean up the area.

## Indiana Rail Road Drawdown Request

The Indiana Rail Road requested that the LLCDC draw down the lake two feet for repairs to the rail road trestle over passing the shuffle creek viaduct south of the short causeway. The board has been very diligently working with City of Bloomington and the Indiana Rail Road. Both parties have agreed to wait to draw down the lake until after Labor Day Weekend. Currently the Board is working to get this delayed even further, so the boating season and businesses around the lake are less impacted.

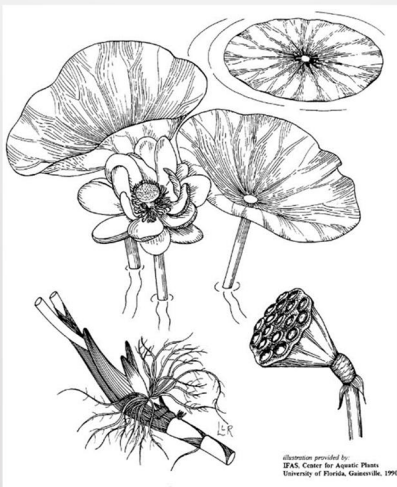
## Did You Know?

### American Lotus - *Nelumbo lutea*

Native emergent aquatic plant identified by circular pads/leaves and white flowers. Common on the east end of Lake Lemon

#### Benefits of American Lotus

- Nutrient uptake – Absorbs nutrients such as Nitrogen and most notably phosphorous which decreases chances for excess growth of other vegetation and/or algal blooms.
- Erosion Control – Roots and plant structure catch sediment and prevent the silt from depositing further into the reservoir.
- Fish Habitat – Provides excellent fish habitat compared to other plants like Eurasian Watermilfoil which can form dense mats not sustainable for healthy fish populations.



## 2017 Vegetation

The LLCDC aims to keep Freeholder access and main boating areas free of nuisance vegetation. It is important to note however, that areas away from homes, docks and boating channels may not be treated to benefit lake ecology.

Submersed vegetation is proliferating early than recent years. The LLCDC Biologist will be performing an initial tier II survey mid-May with a treatment tentatively scheduled for May 22<sup>nd</sup> prior Memorial Day Weekend.

American Lotus is an emergent aquatic plant common on the east end of the lake. It can be identified by circular pads and white flowers that bloom in Late July – August. A maintenance line east of Salmon Harbor is maintained to prevent excess growth, however treatments cannot be applied until the plant has reached full maturity. Due to this, treatments of the American Lotus will not be until Late July – August.

### Lake Lemon Boy Scouts in Need of Boats

Do you have a canoe, kayak, or other small boat at your home on Lake Lemon that is sitting unused in your garage or yard? Did you know that you can find a great home for it right here on Lake Lemon, where it will be put to good use again by a great group of boys, and get a tax deduction as well? Our Lake Lemon Boy Scouts in Troop 110 has called the Boys and Girls Club property at Riddle Point home for the past 11 years. The boys in the troop want to make the most of the aquatic activities on the lake by doing more canoeing, kayaking, and sailing. Any watercraft donations will help the troop to achieve this goal.

Donating a boat is simple. Just call Craig Morrow at (812) 332-1824 or email [morrowonthelake@comcast.net](mailto:morrowonthelake@comcast.net) and we will contact you about picking up the watercraft. Unfortunately, we do not have the capacity to make significant repairs, so please only contact us about seaworthy watercraft!

Troop 110 camps every month and guides a high percentage of its scouts to the rank of Eagle. Not long ago, they took a 50 mile high adventure trip in the Boundary Waters Canoe Area wilderness of northern Minnesota. Your donation will become part of Scouting's commitment to helping boys develop an appreciation for the great outdoors as they grow into young men. Thank you for supporting the Lake Lemon Boy Scouts!