KINDERHOOK LAKE CORPORATION





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Shoreline Projects This Fall

On October 15th the sluice gate was closed to the least permissible level to allow the lake to drop to winter levels, approx. 4.5 feet below summer level.

Our DEC permit allows the drawdown in order to protect shoreline areas from ice damage over the winter and flooding in the spring. However, there are other advantages to the drawdown.

- (1) It allows time for shoreline maintenance.
- (2) Freezing temperatures often kill weeds exposed to the elements during the drawdown. To be effective, the exposed sediment must freeze to a depth of at least 4-inches for 3-4 weeks; so keep you fingers crossed for a cold winter.

Also, be aware that our permit requires that we bring the lake back to summer level as soon as possible after the ice melts. That being said, please make sure to complete any shoreline projects this fall, as there may not be sufficient time in the spring.

In addition to your shoreline projects, please keep the following important information in mind.

- DO NOT rake leaves into the lake bed and DO NOT burn leaves in the lake bed.
 Doing so provides nutrients for future weed growth.
- DO NOT place twigs, branches or logs into the lake bed, as many tend to end up drifting down to the dam and clogging up the sluice gate protection screen.
- FEEL FREE to rake leaves out of the lake bed, as doing so will reduce nutrients for future weed growth.
- FEEL FREE to pull weeds along your shoreline. Pull them out by the roots and dispose of them away from the lake; they can make great fertilizer. This will reduce next year's weeds in your waterfront.

Fall 2016



Used Pontoon Boat

The KLC has been limping along with a cutter boat used to cut water chestnuts each summer. The boat was built in 1983 by board member Stan Cruden. During flooding from Hurricane Irene and Tropical Storm Lee in 2011, the cutter boat took a dive over the dam. It was miraculously reassembled and is now held together with not much more than TLC and duct tape. A huge thanks to Joe Collins who had done his best to maintain it in recent years. The boat has served us well, but it's barely limping along and desperately needs to be replaced.



Therefore, the KLC would like to find a used pontoon boat, with or without a small motor. If you or anyone you know has an older pontoon boat and are willing to donate it to the KLC, please contact any board member. If necessary, we may be willing to purchase one, but it would have to be at a very reasonable cost.

Please put the word out so we can continue to keep our water chestnuts from spreading.



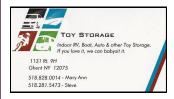












Self employed? Have a home-based business? Become a KLC sponsor and have your business card displayed on our website

and all newsletters.

Annual Meeting of Members

The annual Meeting of Members was held at 10:00am on Saturday, August 27th, at the KLIA Hall. It was encouraging to see that the meeting was attended by over 60 members, one of the highest attended annual meetings in recent history. Aside from the standard business, membership and financial information that was shared, there was much to present and discuss.

A moment of silence was held for Paul Winslow, who passed away this summer. Paul was integrally involved in the KLC and the lake community for most of his life and will be missed.

Ron Jensis and Pete Walkes were elected to the board of directors to replace Paul Winslow and Russ Camadine who recently retired and relocated.

A lengthy presentation and discussion was held regarding aquatic invasive species (weeds), why they have expanded this year, and options being explored for future aquatic plant management.

The walking bridge over the dam will be replaced this fall; many of the structural materials were donated to the KLC. Otherwise, the dam is in good condition and there are no other repairs needed or planned at this time.

The fish committee reminded everyone of the moratorium on removing large- and small-mouth bass from the lake until 2019. The purpose is to give the bass that were stocked last fall time to mature and reproduce.

Copper sulfate for control of bluegreen algae was administered every two weeks during July and August in accordance with our DEC permit.

The gating of the Rose St. launch remains on hold as we wait for a response from DEC.

Merchandise sales have been very healthy this year, with the new logo Tshirts being a big seller.

The meeting was adjourned at 11:30 and followed by refreshments and conversations with lake neighbors and friends.

Don't forget your ...

... holiday gifts

KLC Logo Merchandise

Contact Ken Bosen at 518-456-1542.

Photos of available merchandise can be found on our website.

- Sweatshirts
- Polo shirts
- Henleys
- ◆ T-shirts
- ◆ Caps
- ◆ KL History Books
- ♦ Mugs
- ◆ Flares
- Coozies
- Key Floats
- "One Tree Island" logo wine glasses

Clearing Up the Confusion About Trailer Stickers and Membership Posters

Over the past few years we have received many questions regarding the correct placement of trailer stickers and membership posters. So, for the record...

- Trailer stickers should be clearly displayed on the <u>driver's side of the</u> <u>tongue</u> of your trailer, between the hitch and crank.
- Membership posters should be displayed in a window of your house (or garage) facing the street.

Please contact your area director if you have any questions regarding these two items.



Those Darn Weeds

Let's face it. The weeds in the lake this summer were horrendous. You can blame it on the warm winter, the early spring, the unusually clear water in the spring, too many nutrients, whatever. Boaters had to clear their propellers of weeds. Swimmers could not get far without becoming entangled in weeds. Sailors got their dagger boards ensnared in the weeds. Many shorelines were covered in floating weeds cut by boat propellers. Many areas were unnavigable due to the dense weed beds reaching the surface. Most of the weeds in the lake are considered invasive; however, some native weeds have also contributed to this nuisance.



As discussed at the Annual Member's Meeting in August, the KLC has not been sitting idly by hoping the weeds would simply disappear on their own, although that would be very nice.

The annual drawdown, used to protect shorelines and docks from ice damage or spring flooding, has been effective in cold winters to freeze out shoreline weeds; unfortunately, it was not nearly as effective during last year's warm winter. The drawdown has been a good no-cost option to help control weed growth.

Volunteer hand pulls have been effective at curbing the growth of water chestnuts. This is another no-cost option for addressing weed growth. Our cutter boat has also been effective at reducing the expansion of water chestnuts.

Benthic barriers were tested this year in small areas as a method of blocking sunlight to kill off the weeds. This has proven to be a very effective moderate-cost method of killing weeds, but only in

very small areas, less than 1000-square feet.

The copper sulfate used for treatment of blue-green algae has the side effect of stunting weed growth. Copper sulfate treatments cost the KLC over \$15,000 a year. Unfortunately, DEC does not permit the use of copper sulfate specifically for weed treatments.

In 2015, the invasive weed beds were mapped by hand and in 2016 the densest invasive weed beds were mapped by GPS and entered into a state-wide database as part of the NY iMapInvasive initiative. Accurate mapping will form a baseline to better monitor future weed growth and plan for evasive action to be taken and treatments to be administered in the coming years.

We can never rid the lake completely of weeds as aquatic plants play an essential role in a healthy lake ecosystem. A healthy population of fish, for example, requires a healthy population of plants. The best we can hope for is to reduce the size of the beds and do our best to keep them contained.

So perhaps you're saying, "Well this is just a lot of talk and not much action." But that is not case. The weed committee has been very busy exploring options. The committee has been evaluating a new "drum" harvester that is known to pull weeds along with their roots; this would be the best long-term action possible. They are exploring the use of various herbicides like many neighboring lakes have been using with varying levels of success. They are also considering hiring a limnologist with the to evaluate the expertise ecosystem, help craft an overall Lake Management Plan and direct us towards the most appropriate strategies to take as we move forward in our fight against invasive species. It's a time consuming process and will certainly not be inexpensive, but know that we are not sitting on our hands.

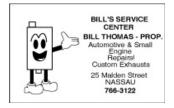
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Did You Know?

There are 117 million lakes on Earth, covering 3.7 percent of the continental land surface. Added together, the shorelines of all the world's lakes measure roughly 250 times the length of the equator. The equator is 7,926 miles long.

KINDERHOOK LAKE CORPORATION

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Weeds (continued from previous page)

Neither the committee nor the board can do this alone. Everyone needs to continue to be vigilant about cleaning watercraft, trailers and fishing equipment before entering (and after leaving) the water. This will stop additional invasives from entering the lake and keep our invasives from being transported to other waterbodies.

Also understand that any new strategies being explored to control aquatic plants, over and above those strategies already under way, will require additional funding.

We will keep our members informed as we move forward.

Dates to Remember

Late winter / early spring

Don't forget, the KLC will start refilling the lake to summer level as soon as winter ice is off the lake.

Ice Safety Reminder

Please remember that the KLC does not monitor or determine safe ice depth on the lake. If you venture out on the ice this winter, please use caution. It is your responsibility to determine if the ice is safe.

Here are a few resources to help you understand safe ice depth:

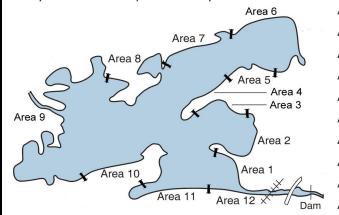
- http://www.wikihow.com/Know-When-Ice -is-Safe
- http://www.fishandboat.com/Boat/ WaterandlceSafety/Documents/ ice_thickness.pdf
- http://lakeice.squarespace.com/bearingstrength/
- http://www.nodakoutdoors.com/ ice_fishing_safety.php
- http://www.almanac.com/content/icethickness-safety-chart
- http://www.outdoorsmenforum.ca/ showthread.php?t=69743

Since the next newsletter won't be published until February 2017, the KLC would like to wish its members and the community

Happy Holidays and Happy New Year

Area Directors

KLC Directors are responsible for certain programs and for representing residents in shoreline areas indicated on the map. If you have concerns, please contact your Area Director.



Area I Fran Sindlinger 518-784-2299 Area 2 Steve Sigler 518-758-2526 Dan Langer Area 3 518-221-8689 Pete Walkes 914-245-5240 Area 4 Area 5 Ken Bosen 518-456-1542 Rick Thieriault 518-573-5088 Area 6 518-784-4355 Area 7 Ron Jensis Drew Nelson 347-721-6930 Area 8 Sharon Grubin 518-392-3427 Area 9 Area 10 Bernie Kelleher 518-784-4717 Area II Bill Cleary 518-784-3914 Area 12 Mike Francoeur 518-784-2651

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