KINDERHOOK LAKE **CORPORATION**



kinderhooklakecorp.org

Spring 2015

Dam Upgrades Continue

The last phase of the dam repair project was started on March 24th by contractor A. Colarusso & Sons. This phase involved the removal and replacement of deteriorating concrete in two areas of the downstream face of dam. The first area of repair was on the west side secondary spillway which had a significant area of undermining that extended 4 - 5 feet into the dam (photo 1 below). The plan called for the removal of rock and deteriorated concrete, doweling of rebar into the bedrock and remaining solid concrete, and then forming and pouring new concrete to fill the void. The second area was on the main dam above the sluice pipe (photo 2 below) This area required the removal of approximately 240 square feet of the face of the

dam to a minimum of 3-inches in depth, installation of new rebar, and then forming and pouring new concrete. The work was completed in about two weeks. This project completed the latest upgrades to the dam requested by DEC.

The next project will be the replacement of the foot bridge over the spillway. The existing wood bridge has served us well, however the telephone poles which span the spillway and support the bridge are rotting and in need of replacement along with the deck boards and railing. The plan is to rebuild the bridge this fall using volunteer labor at a minimal cost to the KLC. Special thanks to A. Colarusso & Sons for donating two 34-foot steel beams which will be used as support stringers for the new bridge.



1. Repairs at west side <<<<<



Changes to Lake Access

With the NY State legislature passing the Invasive Species Transport Bill last year, the KLC has been exploring new ways to reduce the spread of invasives by gaining better control of access to the lake. To this end, the KLC has obtained permits from DEC and the Army Corp of Engineers to install a lake access gate at Rose Street Ext. The new access gate will be installed this spring, but will remain open for boat launching through June 15th. Afterwards, the gate will be locked until the fall. The lock will be keyed to match the lock at the Rt. 28 boat launch. KLC membership along with the purchase of a gate key will now permit access to the gates at both launches. Also keep in mind that there is no public parking on Rose St. or Rose St. Ext., and please be respectful of the neighboring properties.

Invasive Species are found in the Great Lakes, Finger Lakes, Great Sacandaga Lake, and many Adirondack lakes; several varieties are also found in the Hudson River. The close proximity of Kinderhook Lake to the Hudson River makes cleaning and inspecting your boat imperative. Please follow the cleaning procedures outlined by DEC, which essentially say that before transporting or launching any watercraft, the boater must first clean, drain (live wells and hull), and dry the boat, trailer, and any other exposed equipment of visible plant and animal matter. This will help prevent the spread of invasives between waterbodies. More detailed prevention procedures can be found on the KLC website at kinderhooklakecorp.org (just click the appropriate link in the right hand column of any page). Additional information on invasive species can be found on the DEC website at www.dec.ny.gov/animals/265.html.

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The KLC News

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NYS Boater Safety Course

The KLC has again organized a NYS Boater Safety Course this spring, sponsored by the Columbia County Sheriff's Office and the NY State Park Police. It is designed as a comprehensive boating course, teaching the fundamentals of safe boating operation. It is an 8 -hour class and anyone over the age of 10 can attend at no cost.

The course will be taught on **Saturday, May 30th**, at the KLIA Hall, from 8:00am to 4:30pm. Please bring a bag lunch as there will only be about 30 minutes for lunch.

If you are interested in attending, please call **518-784-3024**. <u>Pre-registration is required no</u> <u>later than May 22nd</u>. At least 10 attendees are required or the class will be cancelled.

The latest edition of the "New York Safe Boating Textbook: A Course on the Safe Operation of Boats and Personal Watercraft" can be downloaded to your computer, phone, or tablet by going to http://nysparks.com/recreation/boating/ education.aspx. Hard copy textbooks will be available free at the class.

Don't forget ...

KLC Logo Merchandise

Contact Ken Bosen at 518-456-1542. Photos of available merchandise can be found on our website.

- KL History Books
- Sweatshirts + Mugs
- Polo shirts
 Flares
 - Koozies
- Henleys
 T-shirts
 Caps
- Key Floats
- First Aid Kits
- New this year:

"One Tree Island" logo beer and wine glasses

July 4th Events

Kayak Rally: This popular event starts from anywhere on the lake at 8:00am. Kayakers (or anybody using other non-motorized watercraft) race to collect tickets from various flagged locations around the lake and bring them to the Rt. 28 boat launch by 11:30am. All tickets will then be entered into a drawing for some great prizes.

We are looking for shoreline volunteers to fly a flag and distribute tickets to rally participants. If you are willing to help, please call **Russ Camadine at 518-857-6853**.

In case of inclement weather and the event is postponed, red flags will be flown at One Tree Island and the Rt. 28 and Rose St. launches on the morning of July 4th. Rain date for this event will be July 5th. **Boat Parade:** Decorate your boats and meet at One Tree Island at 1:30pm. The last few years have seen very few entries, so we hope this year will be better attended.

Ring of Fire: Light your flares along the shoreline at 9:00pm.

KLC logo merchandise, as well as flares for the Ring of Fire, will be available July 4th at the Rt. 28 Boat Launch between the hours of 11:00am and 1:00pm, and afterwards at the Rose St. launch. Check our website for event updates and news as we approach July 4th.

Let's make this another awesome Fourth of July on Kinderhook Lake

Copper Sulfate Applications

For the past few years, copper sulfate has been applied by volunteer Board Member Drew Nelson, a DEC Certified Applicator. Applications have taken place on Sunday evenings to accommodate Drew's travel schedule and to have the least impact on weekend lake usage. With Drew's recent permanent relocation to the lake community, he will now attempt to have future copper sulfate applications take place on Monday mornings, weather permitting. Remember, notification of applications will be posted around the lake 24 hours in advance as well as on the KLC website.



Drew applying copper sulfate

Annual KLC Picnic Planned

The KLC has arranged for this summer's picnic to take place on **Saturday, August 1**, 5:00pm at the Kinderhook Elk's Lodge on Rt. 9H. Meal tickets purchased in advance will be \$13 each or \$25 for two; \$13 each at the door. You can purchase meal tickets from any board member or online at *kinderhooklakecorp.org* starting later in the spring. As in the past, a great Chinese raffle and door prizes are expected. Meal tickets will be limited, so please get your tickets early to assure you don't miss out on the food.

We are looking for a few more volunteers to serve on the committee and help with gathering sponsors and donations of merchandise and food. If you are interested in helping, please contact **Rick Theriault at 518-573-5088** as soon as possible.

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Shoreline Property Septic Systems

If you own shoreline property, or even own near the shoreline, maintaining your septic system requires more care than maintaining a similar system located elsewhere. Soil and water conditions near the shoreline may make the system less efficient, which could, in turn, cause harmful pollutants to get into the lake.



Septic systems are designed to treat liquid wastes from your house and prevent biological and nutrient contamination of your well and any nearby body of water. Most of this treatment happens in the soil below the absorption field. Because septic systems on or

Dates to Remember

May 30

NYS Boater Safety Course, 9:00-4:30 at the KLIA Hall. Pre-register by May 22.

May 30 (rain date May 31)

Water chestnut pulling event, 9:00am at the north end of the lake.

June 6 (rain date June 7)

"Weed Pulling Saturday" for shoreline residents.

July 4

Kayak Rally, 8:00-11:30am (rain date July 5). Boat Parade, starts 1:30pm at One Tree Is. Ring of Fire, 9:00pm.

August I

4th Annual KLC picnic and fund raiser.

August 22

Annual Membership Meeting.



Get ready for summer fun ...

near shoreline property are often close to both surface and ground waters and absorption fields are sometimes saturated during high water periods, partially treated waste water can move horizontally through the soil to the shoreline and quickly enter the lake. Pollution can happen even though your system appears to be working well and complies with local health department codes.

Nutrients (especially phosphorus) from leaky septic systems play a major role in causing excessive weed and algae growth in the lake. Just a small amount of additional phosphorus in the lake can make a huge difference in aquatic weed and algae growth. Excessive weed and algae growth affects the ability of fish to survive and also makes boating, fishing and swimming less enjoyable.

Proper maintenance of your septic system is the best means to help control waste water reaching the lake. It is recommended that property owners on or near the shoreline have their septic tank cleaned once every two years. If your tank was not cleaned last year, please contact a licensed septic cleaning company to do so this year and do your part to help keep our lake clean and enjoyable.

Water Level Update

April 15th as usual.

your anticipated cooperation.



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KINDERHOOK LAKE CORPORATION

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STOP!

Please STOP putting leaves, sticks and branches into the lake.

Leaves turn into fertilizer to feed unwanted weed and algae growth and sticks and branches end up at the dam, clogging the debris rack at the sluice gate and inhibiting control of the water level.

News Contributors: Bill Cleary Bernie Kelleher Dan Langer Drew Nelson Fran Sindlinger

KLC News Editor: Daniel Langer

Help Us Trap Some Natans

Water chestnuts (trapa natans) are an invasive species that were introduced into New York waters in the late 1800's. Native to Europe, Asia and Africa, this aquatic plant has several known insects that keep it under control in its natural environment, but it wreaks havoc in waters where it has no natural predators. Unfortunately, the only known natural predator here on Kinderhook Lake is man; armed with a cutter boat, rubber gloves, kayaks, canoes, rowboats, impeccable timing, and sheer determination.

The key to reducing the number of plants in our lake is by removing the seed head and disposing of them before they ripen and drop into the sediment of the lake bottom. While the KLC's cutter boat can navigate the deeper waters of our lake, it cannot work in the north end's shallow waters. In the shallower waters, our only option is to pull those plants out by their roots before they go to seed.

The KLC is looking for volunteers to help us negate some natans on Saturday, May 30th (raindate Sunday, May 31st). We will be meeting at

the north end of the lake at 9:00am. Please come by kayak, canoe, rowboat, or any other vessel that can navigate shallow water. Bring rubber gloves, maybe a small rake, and perhaps some garbage bags or laundry baskets; let's give those water chestnuts the what for!



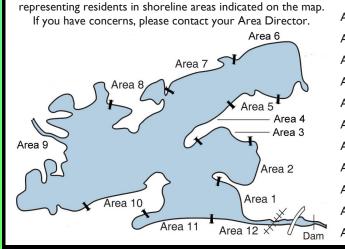
For more information about this invasive plant, here is an excellent article written by Charles R. O'Neill, Jr. from New York Sea Grant, SUNY Brockport: http://www.seagrant.sunysb.edu/ais/pdfs/ WaterChestnutFactsheet.pdf.

Weed Pulling Saturday

Although the KLC uses the cutter boat to cut and harvest water chestnuts, the KLC does not treat the lake to control the spread of weeds. We need the help of shoreline residents to do this. Therefore, in addition to the water chestnut pulling event on May 30th, we ask shoreline residents for their help on "Weed Pulling Saturday" June 6th (rain date "Weed Pulling Sunday" June 7th).

Many of the weeds will not yet be visible upon the surface, but the smaller plants are less firmly rooted and therefore more easily extracted. It is suggested that property owners utilize either a longhandled rake or a boat towing chains and weights to pull the unwanted weeds via the roots. Or, you can simply wade out into the muck and pull at will - although you will certainly need a good shower afterwards. Pulled weeds must be brought to shore and tossed in the trash or mulched for use in your garden; they must not be allowed to float free or they will simply re-root and spread the invasive plant.

If each lakefront property owner would take just a few hours on "Weed Pulling Saturday" to remove weeds in front of their property, it would go a long way to help keeping our lake cleaner and more enjoyable for swimming, boating, and fishing. Thanks in advance for your help.



KLC Directors are responsible for certain programs and for

Area Directors

Area I	Fran Sindlinger	518-784-2299
Area 2	Steve Sigler	518-758-2526
Area 3	Dan Langer	518-221-8689
Area 4	Bill Cleary	518-784-3914
Area 5	Ken Bosen	518-456-1542
Area 6	Rick Thieriault	518-573-5088
Area 7	Paul Winslow	518-784-3361
Area 8	Drew Nelson	347-721-6930
Area 9	Sharon Grubin	518-392-3427
Area 10	Bernie Kelleher	518-784-4717
Area I I	Russ Camadine	518-784-2087
Area 12	Mike Franceour	518-784-2651