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# The KLC News



[kinderhooklakecorp.org](http://kinderhooklakecorp.org)

Winter 2021

## Expanding Our Weed Management Program

By now you've probably heard about how the KLC is intending to expand its weed management program, adding new options for use along with our Eco-Harvester. Based on available funding and approval by the NYS Department of Environmental Conservation (DEC), the KLC will be treating invasive Eurasian Watermilfoil beds throughout the lake this summer with a relatively new herbicide called ProcellaCor. Research has shown this to be our best option to provide extended control of milfoil for several years. Controlling the spread of milfoil will improve recreational activities including boating, fishing, swimming, sailing, kayaking, skiing, etc., as well as add to the health and beauty of our lake.

According to research, ProcellaCor targets milfoil and several other invasive species, does not harm native vegetation or wildlife, is highly effective at extremely low dosages, has minimal water use restrictions, and reportedly lasts for three years before retreatment may become necessary. The goal is to give native vegetation an opportunity to spread into areas of the lake currently covered by invasive milfoil.



To be most effective, it is important that we treat all the milfoil beds next summer. Partial treatment will only hasten regrowth of milfoil in the treated areas due to fragmentation, seeding, and root spread from untreated areas. As reported in the appeal letter published in January, the cost to treat all the milfoil in the lake will be approximately \$70,000. We very much appreciate all the donations received to date and request that if you have not yet had the opportunity to submit your donation, please consider doing it now.

You can find the ProcellaCor appeal in the January 14th post on our website, [kinderhooklakecorp.org](http://kinderhooklakecorp.org). The post includes links and information to help make your donations online or by mail. You can see the progress of your donations by viewing the donation thermometer in the right-hand column of our website. With your support, we can continue to keep Kinderhook Lake enjoyable for everyone.



## 2020 Summary of Harvesting Operations

As required by our yearly DEC harvesting permit, a summary of harvesting operations, harvesting locations, copies of daily data collection forms, and harvesting photos must be submitted to DEC by the end of each year. The following is an excerpt from the 2020 Summary of Harvesting Operations.



Mapping of the lake in August 2020 showed that the Eurasian milfoil beds had expanded to ~130-acres, again mixed with small amounts of curly-leaf pondweed.

“Water chestnuts have been receding each year due to the well-attended volunteer hand-pulling event held each June. Several acres remain in the shallows at the north end of the lake. Water chestnut stragglers, single plants and small beds of up to ~10 plants, were observed in several coves around the lake, along the northwest shoreline, and along the shore at the south end of the lake. Most of these were hand-pulled by adjacent shoreline property owners.

“The 2020 DEC Harvesting Permit allowed the KLC to harvest up to 34-acres of AIS, including 1-acre of water chestnuts, and 1/4-acre of nuisance water star-grass. The milfoil beds were so dense and thick in boating and recreation areas that the harvester had a difficult time keeping up with them. In fact, large beds of milfoil had to be harvested multiple times over the summer. The milfoil never receded as it had in past years, began seeding by mid-August, and continued seeding throughout September.

### Parking at the Launch

Please remember that parking at the launch is now limited to KLC members only. Members with trailers must display a current KLC sticker on their trailer. Members with cartop boats must display a current KLC sticker in their car’s rear window. Parking and maneuvering will also be a little easier if everyone uses the designated parking spots for cars vs. cars with trailers. Thanks for your cooperation.



“... By 2020, the milfoil had expanded substantially, and the beds were so dense that it was virtually impossible for boats to travel through many

“Harvesting operations took place for approximately 90 hours on a total of 17 days between June 15 and August 14. Approximately 118 full loads of weeds were collected in the 3.5 cubic yard harvester collection bin during the 17 days of harvesting. This equates to approximately 413 cubic yards of (mostly) Eurasian milfoil harvested and transported to the approved disposal site in 2020...

“Water depths within harvesting grids were noted to be between 4- and 10-feet. The predominant weed



*Piles of milfoil being delivered to the disposal site*

harvested was Eurasian milfoil with occasional curly-leaf pondweed observed within the milfoil. Small amounts of water star-grass was occasionally harvested, and no water chestnuts were mechanically harvested at the north end of the lake. Heavy regrowth and re-emergence of Eurasian milfoil was observed in every harvested area this summer.

“At no time were fish or wildlife observed within the harvested materials and there was never any evidence of spawning while harvesting. Water clarity before and after harvesting was between 3- and 7-feet when measured with the secchi disk. No sediment disturbance was observed during harvesting operations. ...”

And, last but not least, a hardy thanks to the many volunteers who operated and maintained the harvester and helped transport weeds for disposal. Your time and efforts are appreciated.

### Membership & Merchandise Days

The KLC will be holding Membership & Merchandise Days in the large metal building at 9 Old West Shore Drive in Valatie on **April 10 & 24** and **May 8 & 22**. Membership applications, member posters, gate keys, car & trailer stickers, and KLC logo merchandise will be available. It is our hope these events will help members get their gate keys and stickers in hand quickly and easily.

## Annual Notice of Copper Sulfate Treatment

The KLC has applied to NYSDEC for a permit to treat Kinderhook Lake with copper sulfate in 2021 (EPA Registration No. 46923-4). Copper sulfate is an herbicide which is used broadly to control algae. The levels used will be within the limits permitted by NYSDEC to kill blue-green algae without affecting other forms of algae.

In early spring, when water temperatures are low, white algae, called diatoms, multiply rapidly. That algae, as well as several other forms of brown and green, are produced as the water warms; they are excellent food for crustaceans, mollusks, and fish fry. However, when water temperatures reach 68 degrees F, blue-green algae begins to multiply rapidly. Since blue-greens are not consumed by other organisms, they grow at the expense of the edible forms. If left untreated, levels will rise, water clarity will decrease, and an unsightly, odor-producing scum of blue-green algae will form on the surface. Blue-green algae are not toxic to humans but may be to some dogs and other domestic animals.

Swimming, eating fish, and watering domestic animals will be restricted for 24 hours following treatment. Persons wishing to register their disapproval with regard to the proposed treatment may do so by writing or calling Mr. Mark Solan, NYSDEC Region #4, 1130 N. Wescott Road, Schenectady, NY 12306, (518) 357-2045; persons wishing to do so have twenty-one days from the date of this notice. No response from riparian owners will be considered consent for the applications.

## A Quick Look Back

While fewer gatherings were held last year, recreational activities on the lake were plentiful. And as always, maintaining the lake and dam continued.

- Restoration of the downward face of the dam was completed late last winter at a cost of \$68,000.
- Over 400 cubic yards of invasive Eurasian Watermilfoil was harvested by volunteers over the summer in accordance with our DEC permit.
- Copper sulfate was distributed around the lake every other week to control the growth of blue-green algae in accordance with our DEC permit.
- Volunteers spent a Saturday morning in June hand-pulling water chestnuts from the north end of the lake. This annual event has made a huge impact by reducing the size of this invasive aquatic weed.
- The sluice gate at the dam was adjusted on a daily basis to maintain a consistent water level throughout the summer season.
- The KLC weed committee researched new options to enhance our weed management program and found a new and effective herbicide to help control Eurasian Watermilfoil for several years.
- Bids were received and a local lake management firm was hired to treat milfoil in the lake this summer based on funding and DEC approvals.
- An updated "Welcome to the Kinderhook Lake Community" pamphlet was published to keep the community and new members informed of the KLC's goals and services.
- Volunteers upgraded the structure of the boat dock at the launch.

## Dates to Remember

### Early Spring

Start raising the lake to summer level.

Date is weather dependent and will be posted on our website and Facebook page.

### April 10 & 24, May 8 & 22

Membership & Merchandise Days

9am-noon, 9 Old West Shore Dr, Valatie

### June 19 or 26

Water chestnut hand-pulling event:

9-11am at the north end of the lake.

### July 4

Kayak Rally: 8:30-11:30am

Boat Parade: starts 1:30pm at One Tree Is.

Ring of Fire: 9:00pm

### August 7

KLC Community Lake Day: 12:00-2:00pm

### August 28

KLC Annual Members' Meeting:

10:00am at the KLIA Hall

- Merchandise sales increased over the past year and contributed over \$7,000 to help support KLC programs.
- The July 4th boat parade was a huge success, attended by more than a dozen beautifully decorated boats.
- The first annual KLC Calendar was designed for 2021 using member submitted photographs.
- Permits were received from DEC for aquatic weed harvesting and the use of copper sulfate.
- To get a jump on next summer, permit applications for aquatic weed harvesting and the use of copper sulfate were submitted to DEC and the Army Corp of Engineers before the end of 2020.



Our new shed

- A new shed was erected at the boat launch providing a signage board, equipment storage, and a booth for KLC merchandise sales.

With the continuing help and generosity of our members and sponsors we look forward to building on our successes in 2021.

**KINDERHOOK LAKE CORPORATION**

PO Box 53  
Niverville, NY 12130

518-784-2050  
kinderhooklakecorp.org



Sculling has emerged as a new recreational activity on Kinderhook Lake in recent years



Thank you to the many volunteers who came out on a chilly June morning to hand-pick water chestnuts

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Don't forget...  
**KLC Logo Merchandise**  
Contact Pete Walkes  
914-217-6770  
See photos of merchandise on our website.

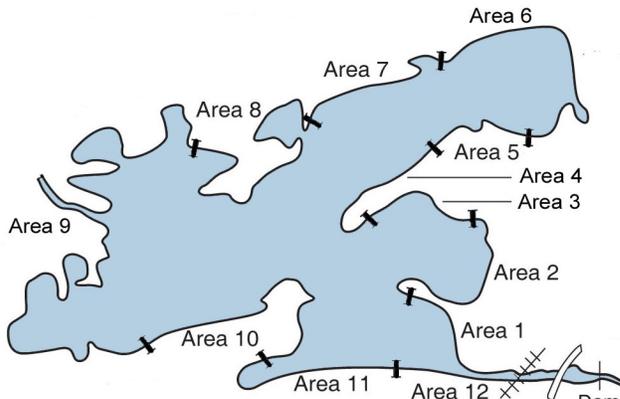
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Money raised through the sale of merchandise is used to benefit Kinderhook Lake programs.

**KLC News Editor:**  
Daniel Langer

**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 1	Fran Sindlinger	518-784-2299
Area 2	Steve Everett	518-610-8542
Area 3	Dan Langer	518-221-8689
Area 4	Pete Walkes	914-217-6770
Area 5	Melonie Langdon	518-435-5825
Area 6	Rick Theriault	518-573-5088
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Area 10	Bernie Kelleher	518-929-7232
Area 11	Bill Cleary	518-784-3914
Area 12	Mike Francoeur	518-784-2651