

SHORELINES

THE NEWSLETTER OF LONG LAKE CLOVERDALE ASSOCIATION

May 2021

Presidents Corner



David Jackson

Welcome to summer 2021 on Long Lake! With 2020 in the rearview mirror, along with masks & quarantines, I think we are all ready for boat rides, sunsets, campfires, and a cold beverage. I know we are not completely out of the woods, but adios to many things that were 2020. Your

LLCA board has been planning the return of many of our favorite things for a wonderful summer on Long Lake. Block parties, Celebration of Long Lake complete with membership meeting, poker run and fireworks. Light up the Lake 4th of July week, scavenger hunt, Taste of Long Lake and four live music events on the water. We pack a lot of fun into summer, but it is your continued support that makes all of this happen.

Something new: How about a Block Party on May 30th 1-3 pm? Snacks provided by LLCA, all outdoor, come by boat or car, catch up with your friends & neighbors on Long Lake. We know there are several new families on Long Lake, and we look forward to meeting you. Look for the LLCA booth to renew your 2021 association membership and donate to Celebration of Long Lake Fireworks & concert. For ten years Long Lake has provided one of the best fireworks displays in the area. We did pause last year, but we are counting on you to make this year's Celebration the best yet. There is nothing like being under the stars with family and friends and watching fireworks on the water. If we miss you at the block party, watch your mail for the donation envelopes for Celebration of Long Lake or go to our website to renew and contribute. <https://www.long-lake.org/membership.html> Thank you!

The Low down on low water: On May 24th Barry County was one of several West Michigan counties listed in the severe drought category. Several predictions of impending rain have thus far failed us and after a light winter followed by a dry spring Long Lake is at its lowest spring water level we have seen in many years. We are hopeful that this weather trend will eventually break, but word of caution: be aware of shallow areas in the lake where you have not seen them in the past. Your LLCA board is also working on establishing a

Waves

You have probably watched the waves progress behind a boat as it passed by. And wondered is the water moving toward shore? Well, it is not. When a boat pushes through the water it pushes the water to the side and creates a wave/wake. The water has been moved by the boat and after the boat passes the water will return to where it came from. But the wave that results is actually energy that passes from molecule to molecule. The water that is pushed aside returns to where it came from, but first it pushes its neighbor molecule and that molecule pushes its neighbor. So, the wave appears to "roll" toward shore. But it is the energy that is moving from molecule to molecule. If you look closely, you will see that a bird or your fishing bobber rises and falls as the wave passes. But it does not move toward shore. When the wave/energy reaches shore the energy must dissipate and it does so through friction and erosion. Your beach will erode over time unless you add a seawall or maybe rocks. Then the energy is dissipated by friction and it generates a little heat also. As boats get bigger the waves get bigger and erosion becomes a bigger problem. We will never eliminate boat wakes/waves so we must deal with them with erosion prevention methods. Now the wind created waves are similar, but with a sustained wind the water can actually be piled up downwind. But when the wind dies down the water will return to its natural state.

Ken Chandler, LLCA Secretary



North View of Long Lake

Presidents Corner cont...

legal lake level to maintain our water levels in Long Lake about 4- 6 inches above where the water level is now. We will update you as that process moves forward.

<https://www.woodtv.com/weather/weather-news/drought-continues-now-considered-severe-in-parts-of-west-michigan/>

Long Lake continues to be a sought-out destination and properties for sale do not last long. Word is out what a special community we have on Long Lake. We gratefully appreciate your support for your LLCA board which invest many volunteer hours not only for social events, but lake improvements, lake monitoring and water quality. Your \$25.00 membership in LLCA supports protecting Long Lake & improving our awesome lake community. Get ready for a great summer! We look forward to seeing you on the water, at the concerts and events this summer! Be a part of what makes Long Lake a great community!

David Jackson, President
Long Lake Cloverdale Association
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Weed Management Program 2021

Well, it has been one unusual spring this year. First we started out with higher than normal temps. We were at that time planning on surveying the lake in late April or early May. Then the cold wave hit. Now it looks like we are finally going to get out of these frosty nights and start warming up the lake.

We will be conducting the spring survey sometime next week and setting up our schedule based on our findings. I would anticipate our first treatment for Eurasian milfoil and various pondweeds in early June, with the second treatment for Cabomba and Starry Stonewort about three weeks after. We may do some spot treatments if needed during July. Later in August we will be treating lily pads in areas where they are heavy around docks. The State limits how much and where we can treat lily pads.

This year is the last year of our current 5 year plan, with the renewal of our next five year plan coming up in September. We have been working very hard to keep the costs of our weed management program under control and at this point we do not anticipate any increase in the yearly assessment for this program in the next 5 years.

Water Quality Committee Report

Below is an overview of the EGLE approved changes and associated costs to the Cloverdale Drain district for Long Lake. Since the Water Quality Committee was formed in June 2020 we began to monitor the entire permit application process. Many, many hours of research, long and numerous phone conversations, emails with all parties involved, and weekly Zoom meetings. Although the EGLE permit was approved, we feel that the systems planned will provide significant assurance that the quality and beauty of our Long Lake water and natural habitats will be maintained and perpetuated.

We will continue to follow the project through construction completion, and unofficially overseeing the systems stipulated by EGLE for the monitor and control of our lake environment for the next 2 years.

*Cynthia Schmitz * Doug Bamfield * Shannon Bessette *
Jennifer Nunnally * Ron Root * Graham Smith
Long Lake Cloverdale Association, Water Quality
Committee*

Cloverdale Drain Assessments

Estimated apportionments (assessments) were mailed from the Drain Commissioner to all Long Lake residents in April. A Day of Review was held April 22, 2021 . If you have not received your estimated apportionment, or chose to ignore it, the yearly costs will be included on your taxes annually.

Call the Drain Commissioner's office if you have questions at 269.945.1385

Apportionments MAY BE PAID IN FULL by June 1 at the Drain Commissioner's office to avoid financing fees. *ADDRESS: 220 W State St, 3rd floor, Hastings, MI 49058*

Watson Drain district costs, including the zebra mussel filter at Delton Marsh, will be paid for ONLY by Watson Drain and associated townships, etc. Cloverdale District will not be charged for any further costs associated with this permit. Cloverdale Drain costs are shared with Watson Drain.

· Additional background information can be found on Long Lake's website:

<https://www.long-lake.org/water-quality>

Or at the EGLE website:

<https://miwaters.deq.state.mi.us/nsite/map/reports/detail/-7259561614848068580/documents>

Weed Management Program 2021 cont...

Also included with this newsletter is the notice of the types of treatments that could be used this year. As always, Yellow Sheets will be posted on the day of treatment in those areas treated. Not all areas of the lake will need to be treated each time.

We understand that most of you are concerned about the water quality we will be receiving with the new drain system that is coming our way and the costs of this new system. Refer to the next articles detailing the work done by the Water Quality Committee, details, and expenses of the project.

Doug Bamfield, Vice President
Invasive Weed Management Coordinator

Renew your LLCA Membership

It is time to renew your Long Lake Cloverdale Association membership for 2021. Your \$25.00 donation supports lake improvements, community support, water testing, education and memberships in organizations that support clean water and healthy lakes. We have sixteen board members who are dedicated to a healthy Long Lake with a focus on community. Please use the LLCA renewal / donation envelope (coming soon) or renew online via our website: www.Long-lake.org Thank you!



Social Committee



Gal Pal Hookup



Summer Yoga



Fun Run 2020



Light Up The Lake

Cloverdale Drain District Construction

Long Lake Outlet – North End:

CURRENTLY: TWO 21" tubes under the bridge to North Shore Dr.

REPLACEMENT PLAN: ONE 4 ft wide by 3 ft high box culvert to go under new bridge, also included

BENEFITS: Eliminate constant plugging up with floating weeds, a known need/upgrade

ESTIMATED COST: \$175,000

SUMMARY: Long Lake's collective assessments for the Cloverdale Drain portion of the project total of \$188,000 is more than enough for just the north end rebuild. Updates to the south end LL inlet/Cloverdale outlet changes are then covered by townships, Sewer Authority, and the Watson Drain district.

Cloverdale Lake Outlet – South End, Guernsey Lk Rd:

CURRENTLY: 10" culvert with pump has been operating without filter since spring 2018 to decrease flooding on Cloverdale Chain of Lakes under emergency order

REPLACEMENT PLAN: 24" culvert after 36" intake with self-cleaning weed filtering system

BENEFITS: Added filter - Currently and historically NO filter has been in place

- More than adequate to handle weed infestation from Cloverdale Chain of Lakes.
- Self-cleaning filter via airburst system; No pumping after Cloverdale Lake is down to 922'
- Relocate inlet to Long Lake slightly to the south of current location.

ESTIMATED COST: \$400-500K

FINAL DESIGN: After 3 design cycles through EGLE, the plan includes a very substantial, self-cleaning filter system, more than adequate to handle the large weed infestation in the Cloverdale Chain of Lakes.

Mark Your 2021 Calendars

Visit www.long-lake.org for all details

- Memorial Day Weekend Block Party – Sunday May 30th, 1-3pm
 - South Shore Drive between 4169 and 4123 South Shore
 - Boat and car parking available at the green flags, Hot dogs and snacks provided
- Long Lake Apparel pick and sales dates are:
 - Saturday June 26th, 10am-12pm, 5075 Hurt Drive
 - Saturday July 10th, 9am, Camp Michawana Chapel
- Light Up the Lake, July 3rd – July 10th
 - Decorate your lake front yards with lights or create a theme to enter to win one of 3 prizes.
 - Display your house numbers for text voting if you choose to enter the contest or just decorate with lights!
- Summer Yoga
 - Tuesday AM – 8:30 am, June 29th for 5 weeks, \$35 pre register with Mary Gerard
 - Thursday PM – 6pm, July 1st for 5 weeks, \$35 pre register with Cynthia Schmitz
- Summer Concert Series
 - Saturday June 12th – Warnke’s
 - Saturday June 26th – Kori Zimmerman’s and Dave Nickel’s
 - Saturday July 10th – Jackson’s
 - Saturday August 7th - Kori Zimmerman’s and Dave Nickel’s
- Celebration of Long Lake – Saturday July 10th
- Gal Pal Hook Up – Hawaiian Luau Themed Boat Float, Tentative July 29th
- Scavenger Hunt – Late August
- Taste of Long Lake – September 5th
- **New to Long Lake?** If you are new to the Long Lake community, please go to the Members Update page, www.long-lake.org/member-update.html



Long Lake-Cloverdale Association - PO Box 133 - Cloverdale, MI 49035

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www.long-lake.org - llca.communicationsteam@gmail.com
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