

A publication of the Lake Beulah Protective & Improvement Association

Spring 2024

### DEVELOPING GUIDELINES FOR LAKE BEULAH USERS

by Brian Bellew

As citizens of Lake Beulah, I believe we should establish a set of voluntary guidelines to protect, preserve, and enhance it. This aligns with the LBPIA's mission to educate and inspire all lake users.

Here are a few ideas to begin the discussion:

- First, do no harm. Let's keep Lake Beulah clean by monitoring runoff, not using pesticides or herbicides near the shoreline, avoiding litter in the lake, and keeping our boats in top condition.
- **Be informed and get involved.** Let's get educated on key lake issues from reputable sources. Then, consider attending a meeting, joining a committee or board, writing a letter, or supporting an initiative.
- **Respect others.** Most people who serve in local government or on volunteer organizations for lake communities have a genuine commitment to make things better for all. Let's strive for true collaboration and meaningful teamwork.
- Stay open to compromise and seek consensus. Let's strive to hear all ideas, and then converge on the top ones to reach agreement on what is best for Lake Beulah.
- **Promote the common good.** We flourish as a community when we build a solid foundation of working together towards well-being for all and for the lake.
- Future vision. Lake Beulah has existed for thousands of years and will be here long after we're gone. When you think about it, we are protectors of it for a very short time. What will our children and future generations think about our stewardship? Let's plan and act now to make them proud.



#### **IN THIS ISSUE**

| Reflecting on a Lifetime   |
|--|
| at Lake Beulah2  |
| Presidential Perspectives 3  |
| Where Was the Ice? 4   |
| What's Happening on<br>Other Lakes 4   |
| The Lake Beulah Collaborative  |
| Stewardship Initiative 5   |
| Making Waves6  |
| Boating Safety - Not Just for Kids 8   |
| Bird Population Declining 8  |
| Our Powerboats &   |
| Water Chemistry9   |
| 17 Year Cicadas 9  |
| Lake Management District News 10   |
| LBPIA 60 Years Ago10   |
| Emergency Information 10   |
| LBPIA Clip & Save Information 11<br>Board of Directors<br>Area Chair Network |
| Spring Meeting 12  |

### www.protectlakebeulah.org

continued on page 5

### Lake Beulah Protective & Improvement Association

Established

1894

#### *Member, Wisconsin Association of Lakes* P.O. Box 153 East Troy, WI 53120

The Lake Beulah Protective & Improvement Association (LBPIA) is a member-based organization dedicated to preserving the quality of Lake Beulah's natural resources and

sustaining its inviting environment. LBPIA is dependent on annual dues from its members for its funding. All who use and enjoy the lake are welcome as members.

Begun in 1894 as a collective effort of lake residents to address island dam issues, the LBPIA has a long history as an effective organization seeking to assure that the pristine quality of the lake remains for future generations.

### **MISSION STATEMENT**

The Lake Beulah Protective & Improvement Association is dedicated to preserving the natural resources of Lake Beulah and to maintaining an inviting environment for all who use the lake.

# Reflecting on a Lifetime at Lake Beulah

Submitted by Charles Kaska

My grandparents, Charles and Emily Kaska, purchased property on Humphrey Lane in 1936. The only structure on the property was a boat house that once belonged to one of the big homes on the lane. My grandparents purchased the wing of a home nearby and moved the wing on top of the boathouse creating their small summer cottage. We have the movie film showing the home being rolled into position using large round logs. My grandfather loved to fish and work in his vegetable garden. My grandmother enjoyed tending her flower gardens around the property. My uncle, Robert Kaska, and father, William Kaska enjoyed sailing in their wooden hulled C scow B2.

I have spent part of every summer at Lake Beulah. I have fond memories of spending a few weeks each summer with my grandparents. Evenings were often spent playing Sheepshead with nearby relatives who owned a dairy farm. Lake Beulah is where I learned to sail, fish, swim, canoe, and waterski. I still remember waterskiing, starting from our pier in the 1950s behind my grandfather's wooden 1939 Century Runabout, with a 35 horsepower engine, which we still own today. I also remember the metal sailboat racing buoys, which were left in the water all season and the ski jump, located off of Gillette Point. When my grandparents died, my uncle and father owned the home. Eventually it

became too small for both families. My uncle purchased and built a home on Thistle Lane. When my last parent died, in 2006, my wife, Jennifer Kaska and I became the sole owners. Since our retirement, we have been able to spend four months at Lake Beulah each summer.

Lake Beulah is a very unique and special place for our family. I love to sail with the MC Fleet where I enjoy the camaraderie and lifelong friendships I have established. Jennifer loves to tend her flower and vegetable gardens. She enjoys the loving friendships of the Lake Beulah community. Together we enjoy swimming almost every day in our bay. We are grateful to the LBPIA and LBMD for their outstanding work to protect the lake and surrounding environment. Our family has been members of the LBPIA for generations.

We look forward to our family and grandchildren continuing our family legacy on Lake Beulah.

### **Presidential Perspectives** | By LBPIA President Tom VanDenBogart



As I look back on my time with our LBPIA board, I'm struck by the amount change over those years. My initial goal was to key in on preservation, keeping things as they are for future generations. Today, I've come to realize change is inevitable and ongoing, as is Lake Beulah's biodiversity. Consequently, my message has evolved to be, "we as stewards of the lake need to work within the reality of changing ecosystems, to manage and minimize negative effects to the lake and its biodiversity".

Biodiversity can be defined as the variety of all living things and their interactions in order to continue thriving in an ecosystem or environment such as Lake Beulah. The greater the biodiversity, the healthier the ecosystem.

Like it or not, Lake Beulah as an ecosystem is changing. We as lake stewards can either **foster and encourage biodiversity**, or we can depart from that goal and allow changes that can degrade the lake's environmental stability, thereby disrupting nature's fragile, natural balance.

One example negatively impacting biodiversity is a manicured lawn right up to the lake's shoreline. A good way to enhance biodiversity is to include a variety of natural plantings along the shoreline of your property.

Nature always tries to find a way to fix itself, but to what end? Man has altered so much of the world's habitat and we are increasingly seeing the effects unfold before us. Global warming is real. Just look at the lack of ice on our own lake this last winter and the trends over recent decades. Changes like this alter the biodiversity balance of the lake in ways that going forward will require us to manage the lake differently.

These changes, whether or not they are within our ability to manage, will impact the ecosystems of our lake. And as people who love Lake Beulah we need to do our part to minimize negative impacts. Knowledge is power, and this newsletter is one way we as the LBPIA try to educate and share what we collectively can do to proactively deal with changes and challenges.

Please, do your part to help the biodiversity of Lake Beulah. We are blessed to have several natural buffers of healthy biodiversity helping the lake. The multiple camps, Divine Word, and the 6 sensitive areas, all offer wonderful natural shoreline diversity, water filtration systems, and natural habitat for fish, birds and other wildlife. These are jewels of the lake we must continue to preserve and protect, along the way educating everyone on the role each of us plays in Lake Beulah's overall health.

As a steward of Lake Beulah, I will continue to seek ways to protect the lake's biodiversity, and even look for ways to further enhance it. For example, 'Healthy Lakes' grants are available to encourage natural shoreline plantings, water runoff management through diversion, and rain water gardens. You can find more information on these grants on our website at <u>www.protectlakebeulah.org</u>.

Also, our "Collaborative Stewardship Initiative", spearheaded by Tim Ehlinger through our partnership with UWM, is a great way to encourage conversations that will help the full spectrum of lake stakeholders address conflicting viewpoints in a way that will promote our lake's health and biodiversity. I encourage all members to join in and be a part of these conversations. The next CSI session will focus on the ecological health of Lake Beulah, exactly what I have been discussing here.

Come join us at our annual Spring Meeting being held at Alpine Valley on May 18th from 9-11. Then, our board will update you on the many things being done to fulfill the LBPIA's mission. Tim Ehlinger will be the guest speaker and will conduct an interactive session on the collaborative stewardship initiative. Your input will be valuable.



As always I thank the board for their endless volunteer hours of service to our beloved lake. Thanks also to YOU for being mindful of your role in Keeping Lake Beulah Beautiful as we hand it off to the next generations!



## WHERE WAS THE ICE?

This past winter saw one of the worst winters for ice in the history of Lake Beulah. Only ONE winter in the last 55 years saw fewer days of total ice cover.

While we as humans can adapt to the changes, that isn't the case for Lake Beulah's resident organisms. If this warming trend continues, we can expect changes to the wildlife population of the lake.

See *LAKE VIEWS* Fall 2020 for a larger discussion on this phenomenon and why it is important. <u>https://protectlakebeulah.org/lake-views-newsletters</u>

### **DID YOU KNOW??**

- Back in the 1920's, the first outboard motors on the lake were greeted with gunfire along Stringers Bridge & Beulah Heights Road. The apparent intent was to drive the noisemakers off the take.
- Divine Word Seminary was originally located along the north end of Beulah Heights Road.
- A road, now submerged, extends across Lower Beulah.
- The first tavern to occupy the business site now occupied by Fred's Tap is said to have begun as a house trailer.
- Dredging, now allowable by DNR permit only, was done on many deep bays around the lake.
- There really was a golf course at one time on Country Club Lane.
- Goat Island was created when land speculators dredged a channel around it. Their dredge can still be found buried in the muck at the edge of the channel.
- Seven islands were formed when Lake Beulah's connecting waterways were made more navigable. Originally the source of bitter comment, they are today sought by nesters and campers, and have even been the object of adverse possession claims. In the 1920's they were known as \*'Washouts" and "Muckrakings".

## WHAT'S HAPPENING ON OTHER LAKES?

### LAKE GENEVA

- Is hoping to complete a new 'Lake Management Plan' in 2024. The previous plan (2008) considered major issues affecting the lake; water quality, development/land use, boat traffic and invasive species. These trends persist today. The lake association engaged the services of SEWRPC to research and develop an updated plan. Data collection continues while a report is being written.
- Early last summer, Lake Geneva experienced a 'fish kill'. According to the website, fish kills are a naturally occurring cycle... Multiple factors can be attributed to these cycles, including spawning stress, recreational impacts due to boating and fishing, and environmental factors such as shorter ice coverage. When the water warms up too quickly,

these rapid seasonal changes can cause aquatic life to go into shock. Unfortunately, some fish cannot adapt quick enough to rapid habitat changes, and a fish kill may occur.

### EAGLE SPRINGS

- From 1990 thru 2023, a conservative count of 4,746 carp have been removed from Eagle Spring Lake & Lulu Lake.
- A strange patch of open water has residents concerned. The Management District newsletter notes it asked the DNR, National Weather Service, University of Wisconsin, etc. and no one has come up with a solid explanation. (Some local social media accounts have reported it is the site of a UFO crash-landing, but that has not been verified at this point.)

#### continued from page 1

As lake users, we are all its stewards. Our challenge is putting that into practice together. In a spirit of mutual respect, let's establish a set of guidelines like that above.

Your feedback on what guidelines you would like to see adopted and shared with our community is welcome. Please share your thoughts via email to the Editor. **Note:** many of the ideas presented above are from Richard Haass' book, The Bill of Obligations, which is well worth a read for a deeper dive on this topic.

**EDITOR'S NOTE:** Love for Lake Beulah runs deep amongst readers of LAKE VIEWS. What is your story? <u>LakeBeulah.</u> <u>LakeViews.Editor@gmail.com</u>

### THE LAKE BEULAH COLLABORATIVE STEWARDSHIP INITIATIVE: WHAT IT IS, IS NOT, AND MIGHT BECOME

Submitted by Tim Ehlinger, Institute for Systems Change & Peacebuilding, University of Wisconsin – Milwaukee

My mom loved a good paradox. Two of her sayings that stuck with me are "Change is life's only constant" and "It takes friction to make a smooth surface". As we grapple with the modern complexities of environmental stewardship, we face a dynamic world of apparent contradictions and opposing perceptions of truth. For example, trying to chart a path to protect the "Balance of Nature" is one such challenge. Nature is seldom if ever in balance, but rather continually in the process of responding to disturbance. From the ecosystem's perspective, "balance" is not a noun or static condition, but rather is a verb — a dynamic process of navigating trade-offs in a quest to maintain essential functions.

The same holds true for human social-ecological systems. The conflict between the Lake Beulah Management District and The Village of East Troy over the high capacity well illustrates how Lake Beulah exists within an ever-changing biophysical, socioeconomic and cultural landscape. New challenges are always and will always arise, which require a rebalancing of the system. The Lake Beulah Collaborative Stewardship Initiative (LBCSI) is intended to be one step in creating and supporting such a "balancing" process for the Lake Beulah/East Troy community.

The primary goal of the LBCSI is not to provide solutions for today's problems (e.g. shoreline development, recreational use conflicts, water quality, ecological health). Rather, the LBCSI is intended to provide a forum for sharing differing perspectives, and to foster the civil dialogue necessary to (1) identify shared values, (2) seek common interests, and (3) align those interests through collaborative decision-making. Four dialogue sessions in total will be held that focus on critical issues involving the stakeholder community of Lake Beulah and the Town of East Troy. The first session on the topic of environment and economic development was held in October 2023. The second dealing with recreational uses and ecology of Lake Beulah was held this past February. The future sessions will include protecting environmental health and ecological integrity (April 2024), and collaborative environmental governance and decision-making (May 2024).

The LBCSI not intended to serve as a venue to push one's point of view or to argue and/or debate what is the right and/or wrong way to think about or act on contentious issues. Rather, the aim is to listen to those who think differently on an issue and understand the values and interests that underly their position.

We begin under the premise that everyone participating wants what is best for Lake Beulah/East Troy and that conflicting views on the best path to take reflect honest differences in how we weigh risks/rewards, costs/benefits, and our hopes/fears. Once this happens, the door opens for productive conversations and discussion of options and opportunities for collective and collaborative action on the pressing issues facing Lake Beulah/East Troy.

Feedback following the first two sessions indicates the LBCSI has cultivated conversations and opened doors and minds to listening to different perspectives. For example, following the dialogue session on recreational uses, participants were asked, "What's a word or phrase that describes how you are feeling at the end of this event?". The responses are presented in the following WordCloud.





**Editor's Note:** Last fall, *LAKE VIEWS* published a Letter to the Editor on the topic of wake boats. Back then, the Editor noted there is 'ongoing research' and advised readers to watch for more information in Spring '24. This is that information. This article contains several statistics, all of which came from a compilation of scientific research reviewed last year by the Michigan Department of Natural Resources. Readers wishing to see specific research are directed to the website listed at the end of this article for particulars. Photos in this article courtesy of Lakes at Stake Wisconsin.

Waves. They've been a part of Lake Beulah since the glaciers melted thousands of years ago. For most of time, waves were the result of wind, but in the last 100 years, motor boats have also made waves on the lake. Mostly, if they were thought about at all, boat waves were considered to be just a nuisance part of lake living, but recent water sport innovations have found a way to harness them for fun.

At first, wave enthusiasts found they were great for jumping with a jet ski, or flying over on a tube or kneeboard. And while the boat waves were a nuisance at times, lake folks tolerated them as a part of the fun of being on the water. But a few years ago a new and even more fun pastime was invented which allowed someone to literally ride the top of a wave trailing behind a boat. It looks like so much fun!

Unfortunately, what started out with the promise of being a really cool, new way to enjoy being out on the water, the technology of creating immense, ocean-like waves for wake surfing turns out to have strings attached. On lakes like Beulah around the country, there is a growing sense of need for risk management to mitigate unforeseen consequences. An article in the April 2nd Milwaukee Journal Sentinel points to wake boating emerging *"as a hot button issue in natural resource and recreational management."* 

Of course, like all things, there are differences of opinion when it comes to the impact of wake-boat sports. That's why Lake Beulah is so fortunate to have the Collaborative Stewardship Initiative (CSI) process underway through the Institute for Systems Change & Peacebuilding at UWM. There is great hope that the CSI will help inform all who care about the lake, and steer leaders to make important decisions on its future.

The intent of this article is to inform readers on the impact of wake boats generally. Naturally, there are other opinions, among them that wake boats ared not the problem at all, it's the boat drivers. Whatever the cause, the article in the Milwaukee Journal Sentinel notes "wake-enhanced boating is causing far more conflicts and concerns than any other type of water sport that's come on the scene in the last half-century."

Let's take a look at what's been happening.

Direct observation, as well as a growing body of academic research, both point to the new technology of creating extremely large waves as having unintended, deleterious effects to Lake Beulah. These negative effects result from both the waves themselves and the tremendous power required by boat propellers to generate them.

WAVE ENERGY - Interestingly, waves don't really move much horizontally across the lake. Rather, it is the energy of a wave that is transmitted through the water as the wave moves. This energy, directed both outward and downward, is a major problem of wake boat waves. Here is some recent scientific research.

- Wake boats can produce waves with 17 times the energy of other comparable-sized powerboats.
- Wake boat waves can take 1,023 feet to dissipate to heights and wave energies observed 100–200 feet away from ordinary boats.
- The US Army Corps of Engineers says the energy in a boat wake goes up exponentially with wave height. Waves produced by a wake boat can have 581% more energy than waves produced by the same vessel operated in cruising mode at a distance of 100 feet.
- It would take 950 feet for waves from a wake boat in surf mode to decrease to the 0.8-foot wave height typically observed 100 feet from the same wake boat operated out of surf mode.
- Waves produced by wake boats were 2–3 times higher, had 3–9 times more energy, and were 6–12 times more powerful than a typical motorboat.
- When wake boats passed 100 feet from shore, the wave energy produced was 2,546% higher, than the monthly maximum energy from wind-driven waves

**PROPELLER WASH** - To push a boat forward, the propeller must push against the water. As it does so, it pushes the water out behind. This fast moving water behind the propeller is called 'wash'.

• Wake boat propellers were determined to be able to generate enough turbulence to stir up bottom sediments in water up to 33 feet deep.

Why are these statistics important? The overall topography of Lake Beulah, and especially portions like the Upper lake, are long and narrow. Because they are so large and have so much energy, wake boat waves don't sufficiently dissipate before reaching the shore.

As for propeller wash, even the most experienced Lake Beulah boaters will admit it is difficult to precisely know when the lake bottom rises up. Lots of power boats can cause damage to the lake bottom, but the depth of 'wash' from a wake boat is especially challenging to manage.

### IMPACT ON WATER CLEANLINESS AND THE NATURAL ENVIRONMENT

Already, the cumulative negative effects of wake boats on Lake Beulah have lead to loss of habitat, resulting in the decline of aquatic ecosystems and fishing.

• Fish Spawning - When a wave hits the shore, it curls under to the bottom, scouring the lake bed. Bass and panfish nest in 1-3 feet of water. Wave jostling of spawning beds causes their destruction. In just the last few years, and in direct correlation with the appearance of wake boats on Lake Beulah, there has been readily observed loss of fish spawning beds around the lake.



- **Erosion** Wake boats operating in surf mode create larger wakes than traditional watercraft. The greater energy of these waves is likely to exacerbate boat wave induced shoreline erosion. To combat this, some around the lake have reinforced their shoreline. Unfortunately, this in turn causes greater scouring of the lake bed.
- Sediment Resuspension More than any other kind of boat, through increased wave energy and propeller turbulence, wake boats have greater potential to exacerbate nutrient suspension and decrease water clarity.
  - This stirring up of bottom sediments is an oftentimes ignored concern as it can greatly disrupt lake chemistry. The muck lake bottom holds undesirable

substances, including phosphorous, a prime stimulant of algae production.

- The result is a subsequent reduction in the ability of fish to find food, a decrease in the depth to which aquatic plants can grow, and a lowering of dissolved oxygen content within the water column.
- One recent study on a 1,100 acre lake compared the waves produced by wake boats operating at 10mph when in wake-surfing mode with waves from the same boats when in non-wake producing mode. Researchers determined wake surfing waves would require 675 feet greater distance to produce sediment resuspension equivalent to that in normal operation.

#### IMPACT ON OTHER LAKE ACTIVITIES

A growing group of lake people are increasingly alarmed at the impact of wake boat generated waves on their enjoyment of the lake. Those having smaller



craft, canoes, kayaks, fishing, sailboats, pontoon and even ski boats are complaining wake boats are greatly interfering with their activity. Many talk about being swamped or almost so, to the point they are choosing to stay off the lake when wake boats are active.

#### LAKE BEULAH AT A CROSSROADS?

All this fuss over wake boats is pointing to Lake Beulah being at a crossroads of sorts. As more and more folks are realizing the fun they could have, more and more wake boats are being purchased. And, not just by lake residents.

Is Lake Beulah becoming a 'destination lake' for wake boat sports? One Saturday last summer, 16 of the public launch boat parking places were taken up by wake boat rigs. And that increase in wake boats has lead to research pointing to the problematic nature of large waves being significantly compounded by the presence of other large waves.

Then, with its sometimes narrow shorelines, irregular depth, and muck lake bottom, we've got to ask ourselves how our lake activities may be negatively impacting the lake ecosystem. While Lake Beulah can't talk, it certainly appears she is increasingly letting us know she is being forced to change.

At any rate, both direct observation, as well as scientific research point to no good result. As stewards of the lake, we've got to ask ourselves what we want, and what is best for Lake Beulah. What do you think? <u>LakeBeulah.LakeViews.Editor@gmail.com</u>

<u>For more information:</u> A Literature Review of Wake Boat Effects on Aquatic Habitat, State of Michigan, Department of Natural Resources, July 2023 <u>https://mymlsa.org/wp-</u> <u>content/uploads/2023/07/Fisheries-Report-37-Wake-Boat-</u> <u>Study-Official-Version-Released-on-7.28.2023.pdf</u>

# BIRD POPULATION DECLINING

Borrowing from lyrics to a song from the 70s, 'There's something happening here. What it is ain't exactly clear.' ...

According to a study published in the journal SCIENCE, there are nearly 3 BILLION fewer birds in North America than there were a half century ago. YIKES! That's about a 29% drop. According to the authors, this is a sign of a widespread ecological crisis.

Habitat loss is believed to be the primary reason, as birds are losing the places they need to live, find food, rest and raise their young. Also implicated are free roaming cats, collisions with glass, toxic pesticides and decline of insect species.

Speaking of insects.... Have you noticed how your car windshield doesn't get as many bug splatters as it did in bygone days? Scientists are telling us insect populations have declined by 75% in the past 50 years. There's something happening here.



We all know that a long cold winter makes that first boat ride extra special!

As we look forward to a long summer of boating, please remember that the East Troy police are willing and able to help keep Lake Beulah safe for everyone, so please make sure to report any of the following:

- Excessive speed
- Excessive noise
- Failure to maintain safe distances

Also, as we try to maintain the health and safety of the lake, it is useful to note if and when the number of boats on the lake seems excessive.

Together, we can make sure Lake Beulah remains a safe and enjoyable place!

# BOATING SAFETY -NOT JUST FOR KIDS

A reader of *LAKE VIEWS* sent a suggestion advocating for Wisconsin's Boating Safety Course. It's not just for kids 12-16 years old. Anyone born in 1989 or after is required by law to have successfully completed a course, and to carry a validated card when operating a motorized boat on Lake Beulah.

Actually, just sitting outside and watching boaters on a busy weekend, it's not hard to notice there are plenty of uneducated and therefore dangerous boaters. For example, what is a boat driver thinking when allowing passengers to sit on the bow while bouncing across the water at a high speed?

The US Coast Guard keeps records of boating incidents. Here are a few from the year of most readily available data, 2022.

- 75% of fatal boating accident victims drowned, 85% of them without a life jacket.
- Alcohol use is the leading known contributing factor in fatal boating accidents.
- Where length was known, 3 of every 4 boaters who drowned were using vessels less than 21 feet in length.
- Where instruction was known, 74% of deaths occurred on boats where the operator did not receive boating safety instruction. Only 14% percent of deaths occurred on vessels where the operator had received a nationally-approved boating safety education certificate.
- Operator inattention, operator inexperience, improper lookout, excessive speed, and machinery failure ranked as the top five primary contributing factors in non-fatal accidents.
- Where data was known, navigation rule violations were a contributing factor in 50% of accidents, 35% of deaths, and almost 60% of injuries.

Watching boats on a busy weekend, one has to wonder lf some boaters think boating safety certificates are only for kids. **PLEASE CONSIDER REFRESHING YOUR KNOWLEDGE OF BOATING SAFETY RULES AND REGULATIONS BY SIGNING UP TO TAKE THE WISCONSIN BOATER SAFETY COURSE.** https://www.boat-ed.com/wisconsin/



### **OUR POWERBOATS & WATER CHEMISTRY**



**EDITORS NOTE:** This article is second in a seven-part series that will help readers understand the impact of motorized boats on Lake Beulah. Most information comes from the Wisconsin Department of Natural Resources (PUBL-SS-948-00)

Depending on the engine, the chemical nature of lake water can be disrupted by boat engines which in a variety of ways add metals (lead, cadmium mercury), nutrients (phosphorus, nitrates), and hydrocarbons (methane, gasoline, oil-based products) directly into the water column.

These added chemical pollutants can impact other lake parameters, including pH and dissolved oxygen, which in turn impact fish, wildlife, plants, and microscopic organisms.

Through their exhaust, boat engines can discharge unburned fuel and gases (carbon monoxide) that end up in the water. Spills and/ or leaks associated with fueling of boats on or near the water also contributes pollutants.

As power boaters, we can keep our engines well-tuned to keep them running as efficiently and cleanly as possible, and take care not to spill any fuel into the water.

# A FEW FUN FACTS ABOUT CICADAS...

- Female cicadas cut grooves in tree limbs and lay their eggs there. When eggs hatch, the young cicadas feed on tree sap. Eventually the larvae falls to the ground and digs in to eat roots.
- Depending on the species, they live in the ground from 2-17 years, emerging as nymphs. The nymphs climb anything available and shed their exoskeleton, whereupon their wings spread out and bodies harden. Now they are adults, and in a 1 month long life their sole purpose is to find a mate and start the cycle over again.
- Cicadas are edible. Some say they taste like almonds.
- Cicadas can be LOUD! Some species scream at 106 decibels.

Sources: cicadamania.com and https://extension.illinois.edu/insects/cicadas

# **17 YEAR CICADAS**

When it comes to nature sounds, there's nothing like the shrill scream of cicadas announcing the hot, dog days of summer. I'm not predicting the weather, but get ready for 2024. According to experts, this May & June we're about to experience the largest emergence known anywhere when a brood of bulging, red-eyed insects will emerge after 17 years out of sight.

### COMMON CICADA



### **17 YEAR CICADA**



### LAKE BEULAH MANAGEMENT DISTRICT NEWS



With the September 2023 Annual Meeting of the Lake Beulah Management District, Dave Bitter stepped down as its long time Chair. Dave served on the LBMD for many years, and with the other commissioners, saw Lake Beulah through so many issues. For the lake, he was the right man at the right time.

When asked to make some final comments, Dave said, 'I don't know what to say, but thank you for your trust and allowing me to serve'.

#### Speaking of the LBMD...

If you're interested in finding out what's going on in the LBMD, you can subscribe to updates at <u>https://lbmd.org/subscribe-to-updates/</u>

### **INTERESTED IN HELPING OUT?**

The LBPIA is a member-driven organization. There is no paid staff and everything that is accomplished is done by volunteers. Might you be interested in helping out? If so, please send an email to LakeBeulah.LakeViews.Editor@gmail.com

# **LBPIA SIXTY YEARS AGO**

**Editor's Note:** This is an excerpt from the LBPIA March 1964 newsletter. It was written by Sec.-Treasurer Alex E. Kessler. Today, his words are as pertinent and fore-sighted as ever.

We have some startling examples of the results of indifference at some of the lakes in the immediate area. Pewaukee and Okauchee, due to overcrowding and lack of control in the past, have been faced with extreme problems on sanitation, pollution and lake traffic. Koshkonong, the sixth largest lake in the State, with over 10,000 Acres, has lost a sizeable portion of its depth to silting. Pollution has reduced the recreational value of the lake to a critical stage. It will be necessary to form a Sanitary District to attempt to control the serious pollution problem.

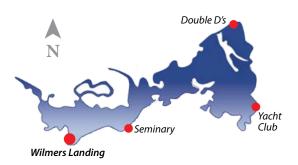
The Chain-of-Lakes in Illinois, comprising Fox Lake, Green, Pistakee, Grass, Bluff, Channel, Catharine, Marie, Petite, Nippersink and numerous smaller lakes, has deteriorated so badly that in the words of Mr. Kramer of the Kramer Boat Works at Fox Lake, "Skin-Divers don't consider it desirable because of pollution, silting, and poor visibility".

We have much to protect! Don't ever believe that it can't happen here! ! Your membership gives your Directors more power to help you and your property investment, as well as Lake Beulah.

### Emergencies

Please use courtesy and common sense in operating your watercraft, ATV's, snowmobiles. Avoid creating a hazard, threat, stress, or irritant to others and yourself, to wildlife and to the lake environment. Respect others by turning down the volume of music or other amplification.

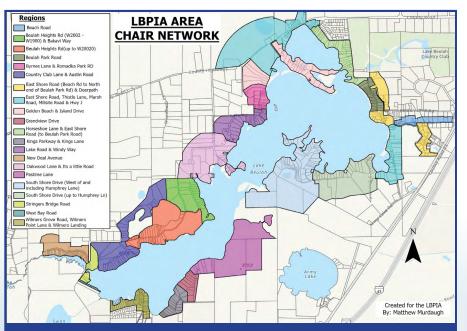
You can report situations to the Town of East Troy Police on the lake or call their non-emergency number: **(262) 642-3700.** 



### For all EMERGENCIES: DIAL 911 Identify LAKE BEULAH and ACCESS POINT (see map)

Try to provide the police with as much information as possible such as boat type, color, number of occupants, location where observed, and registration number. Note: when on the lake the Police also monitor the emergency Marine Channel **VHF CH72**.

## Lake Beulah Protective and Improvement Association



### Area Chair Network

Area Chairpersons are committed Lake Beulah residents who serve as the primary contacts to the Association. They are your friends and neighbors, familiar faces who understand the issues surrounding your community. Should you have an interest or concern regarding the lake, please reach out to your area chair or a member of the board through <u>ProtectLakeBeulah.org</u>.

#### Check (✓) YOUR Area Chairperson:

- Beach Road -OPEN & looking for a volunteer
- Beulah Heights Road (W2002-W1900) & Bakavi Way -Brad Pollock
- Beulah Heights Road (up to W2002) -Alyssa Klopatek
- Beulah Park Road -Dave & Peggy Krueger
- Byrnes Lane & Romadka Park Road -Pat Cropp
- Country Club Lane & Austin Road -Frank Davenport
- East Shore Road (Beach Rd to North end of Beulah Park Rd) & Deerpath -Debra Dunn

- East Shore Road, Thistle Lane, Marsh Road, Millsite Road & Hwy J -Patty Marx
- Golden Beach Road & Island Drive -Kim Rosenmayer
- Grandview Drive Pat Bergin
- Horseshoe Lane & East Shore Road (to Beulah Park Road) - Wendy Sievert
- Kings Parkway & Kings Lane -Chrissy Kubicek
- Lake Road & Windy Way -John & Susan Brown
- New Deal Avenue Vonna Berndt
- Oakwood Lane & Its A little Road -Don Stein
- Pastime Lane Pat Bergin
- South Shore Drive (to Humphrey Lane) Norm & Rose Sass
- South Shore Drive (West of and including Humphrey Lane) -Carrie Franzene
- Stringers Bridge Road -Vonna Berndt
- West Bay Road Jessica Dunn Jones
- Wilmer's Grove Road, Wilmers Point Lane & Wilmers Landing -Lucy Atac

### IMPORTANT INFORMATION TO CLIP AND SAVE

### **Board of Directors**

Serving on a voluntary basis, the Board of Directors are elected by the LBPIA membership. Board terms are three years; board members can serve a maximum of three terms (nine years).

> Tom VanDenBogart President / Fish, Game & Wildlife

> > Brian Bellew Vice President

Kim Rosenmayer Secretary

Steve Huening Treasurer

Jennifer Thorsch Water Quality

Jim Blomberg *Website* 

Debra Dunn Marketing & Membership

Steve Schmitendorf Membership Communications

Tom Bernhardt Lake Views Newsletter Editor

Lake Views is published periodically by the Lake Beulah Protective & Improvement Association. Every effort has been made to provide correct and accurate information. There is, however, no guarantee as to the total accuracy of information included. The opinions expressed are not necessarily those of the LBPIA Board of Directors. Individuals who wish to submit articles, artwork, poetry, calendar items or photography may send contributions to LakeBeulah.LakeViews. Editor@gmail.com. Articles in Lake Views may be reprinted or reproduced for further distribution, with acknowledgment to the Editor.

#### **NEED EXTRA COPIES OF LAKE VIEWS?**

If your lake property is among those having multiple owners, you can request additional copies of *Lake Views*, the official publication of your LBPIA. Send your written request to the LBPIA at *LakeBeulah.LakeViews.Editor@gmail.com* 

### **IN THE NEXT ISSUE**

*Lake Views* will be published again in the fall. What do you want to read about? Send your ideas to the *Lake Views* editor at *LakeBeulah.LakeViews.Editor@gmail.com* 



FIRST-CLASS MAIL U.S. POSTAGE PAID MILWAUKEE, WI PERMIT NO. 3707



**Return Service Requested** 



### THE LBPIA FINDS STRENGTH IN ITS MEMBERS!... THAT'S YOU!

PLEASE JOIN US AT THE SPRING MEETING SATURDAY, MAY 18, 2024 @ 9:00 AM

### **NEW LOCATION:** ALPINE VALLEY CLUBHOUSE (W2501 County Road D)

**FEATURING:** Lake Beulah Collaborative, Stewardship Initiative discussion with Tim Ehlinger

#### COME WITH YOUR QUESTIONS AND TO FIND OUT MORE ABOUT:

- Lake Beulah Collaborative, Stewardship Initiative
- The latest news on the hotel
- Water quality
- Fish stocking
- What's up with the former Double D's
- What's happening in the Town
- What's happening with the Lake Beulah Management District
- Lake Beulah Country Club
- ANYTHING you're wanting to know about our beloved Lake Beulah



Get there early for a good seat!

Coffee, orange juice and donuts will be available!

www.protectlakebeulah.org