



Lake Edward Lines

Newsletter of the Lake Edward Conservation Club

Shore Soil Contents:

100% Sand

Weed Line:

14 to 17 feet

Maximum Depth:

75 feet

Elevation:

1,203 feet

Water Clarity:

12 feet

Public Landing:

Southwest shore

Width:

2 miles

Length:

3 miles

KEEP LAKE EDWARD HEALTHY



LECC WEBSITE ADDRESS

<http://edwardlake.wordpress.com>

Lake Edward DNR ID # 18030500

Size:

2,032 acres

Miles of Shoreline:

9.4 miles

% of water less than 15 feet:

59%

Acres less than 15 feet:

1,199 acres

Age:

8,000 years old

Boat Ramp:

Concrete

The Lake Edward Conservation Club LECC Board meeting will be held at the Lake Edward Town Hall from 10:00 a.m. to noon on Saturday, August 12. The meeting is open to all. Anyone with agenda items contact Herb Nelson 651-239-4860. The Lake Edward Town Hall is located on County Road 3, and County Road 13.

Membership Update

Thanks to many of you, we now are approaching our all time high in membership. As of last count we have close to 110 members, almost double last year. THANK YOU, THANK YOU!!!! As you will read later in this newsletter our lake is facing new challenges, and though no amount of money can eliminate problems lake associations face, with your financial support, through memberships fees, we will greatly enhance our ability to react more quickly to the issues we must address. More about these challenges later in the newsletter. If you are not a member please consider becoming a member. It's a very small price to pay for stewardship in our lake.



PRESIDENT'S REPORT

President's Report Aug 2017

The July 4th weekend brought bad news that zebra mussels (ZM) have probably been in Lake Edward for two years. Why didn't we detect that earlier with our veliger net tests? Researchers at the University of Minnesota AIS Research Center are working on just that problem, better early detection methods. We had two separate groups that reported ZM at two different locations on the lake. The ZM shells found were large enough to be two years old. We have a lot of smart people working across Minnesota and elsewhere to find solutions to deal with ZM infestations. Unfortunately, no demonstration project to date has resulted in complete and permanent removal of ZM. Not even when early ZM detection occurred. We'll learn to live with ZM and watch the research with a hopeful eye. We will also continue to prepare to treat curly leaf pondweed in spring 2018. We have seen less CLP this year compared to last year, but 2018 may be different. The Pot Luck & Bingo event will be at Cozy Bay Resort on Saturday September 30 at 5 pm. Please bring a dish to share and bingo prizes. The Hammering Hammer Handles ice fishing contest by the Brainerd Lion's Club will be February 24, 2018. Save the dates.

LECC Board of Directors

Officers

President	Herb Nelson
Vice President	Lynn Hansch
Secretary	Betty Arveson
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Ralph Morgan	Mabel Schultz
Don Rother	
Ron Czerepak	David Christensen

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Invasive Species	Herb Nelson
Fisheries	Open seat
Planning and Zoning	Open seat
Water Quality & Quantity	Don Rother

Outlet	Ralph Morgan
Webmaster	Liz Hintze

Newsletter Editor	Ron Czerepak
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Morning Visitor

You don't see this everyday but an eagle was enjoying the sun early one morning on the beach. What you don't see is that he is standing on his breakfast. He flew off a few minutes later with breakfast in tow.

LECC Annual Meeting Recap

State Representative John Heintzeman, who represents Crow Wing County in the State Legislature, was the featured speaker at the LECC Annual Meeting in June. Rep. Heintzeman specifically came to discuss narrow leaf cattails. Narrow leaf cattail is a non native plant that is crowding out native cattails. One of his legislative goals is to get narrow leaf cattail on the Invasive Species list which would allow some resources to be devoted to studying and managing the species. At this time the hybrid form of narrow leaf cattails is so prevalent that most of the cattails you see on Lake Edward are non native and considered the hybrid form. The plant chokes off bays, attracts fewer songbirds and wildlife, crowds out most native plants and leads eventually to the loss of wetlands. It is a nasty opportunistic plants that degrades the environment. In some other states it is already on their Invasive Species list.

It's Official

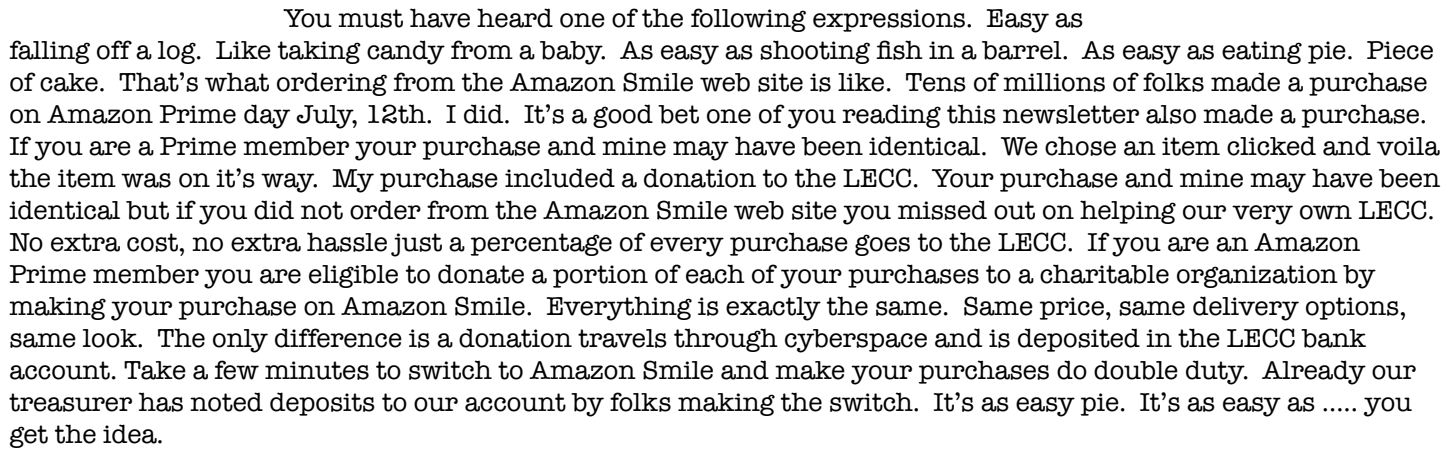


The Minnesota Department of Resources has confirmed zebra mussels in Lake Edward. A DNR invasive species specialist was able to identify two adult zebra mussels, the second sighting about a half mile from the first. When a sighting occurs a more extensive survey is conducted to determine how extensive is the population. The confirmation triggered the placement of this sign at the public access on the lake. Zebra mussels are an invasive (non-native) species that can compete with native species for food and habitat, cut the feet of swimmers, reduce the performance of boat motors, and cause expensive damage to water intake pipes. They are also reducing shipping efficiency in addition to killing snails, clams, and loons through the spread of botulism. There are teams of researchers working on methods to reverse the spread of this unpleasant creature but no treatment is available at this time.

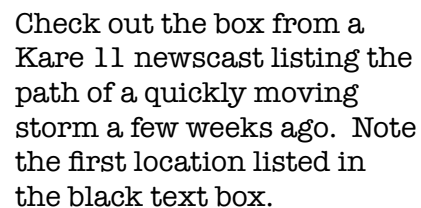
The U of M invasive species department is studying zebra mussels and is experimenting with a genetic solution to the problem. There are political, financial and ethical issues to this approach and if the obstacles can be overcome the solution could be at least ten years off.

Chemical treatments are also being studied but a practical solution again is years off. Some success has been found treating very small areas but treating very large areas is cost prohibitive.

Researchers can determine where a specific mussel came from by exploring its DNA. Knowing which cluster a mussel is from helps determine how that lake became infested and what measures will help to prevent further spread.



1. Currently there are 270 property owners on the lake.
2. In 1993 there were 187 property owners on the lake.
3. The Home and Garden network broadcast a seasons worth of shows about a remodeling project on the lake.
4. The lake is reported to be named after a surveyor in the area in the 1890's.
5. Mar Len Estates was once the Snater Resort.
6. In the early 50's lakeshore was \$2.00 a foot.



What happened in 1949?

A gallon of gas shot up to 17 cents.

An average house cost \$7,450.00.

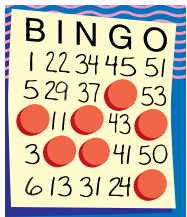
Meryl Streep, Lionel Riche and Jessica Lange were born.

Harry Truman was president of the United States.

Joseph Stalin was in power in Russia.

And, the L.E.C.C. was formed on February 26, 1949. Our lake organization is 68 years and 6 months old.

Pot Luck and Bingo Lake Edward Style



Again, this year the LECC is organizing a Pot Luck and Bingo evening for all lake residents. Bring a friend or two and join the fun. Check your calendar and “X” off Saturday, September 30th. Come to Cozy Bay resort at 5:00 for a few rousing games of bingo and a variety of food items to sample and enjoy. Stop by with a food item to share and a white elephant gift to add to the prize table. Meet your neighbors, enjoy some games, taste some lake food, have a good time and enjoy a laugh or two. Come one

come all. See you there.

What’s the Best Way to Catch and Release ?

Q: What are some tips for successfully releasing fish?

A: The most important thing to remember about how to release fish without injuring them is to be prepared. Have the necessary equipment readily available: needle-nose pliers, forceps, line clipper, a soft mesh or coated landing net – and oh yes, your camera.

It is critically important to minimize the time the fish is out of the water. If possible, unhook the fish while it is in the water. If taking a picture, hold larger fish horizontally with the head and body supported. Do not hold large fish vertically or by the gills or eyes.

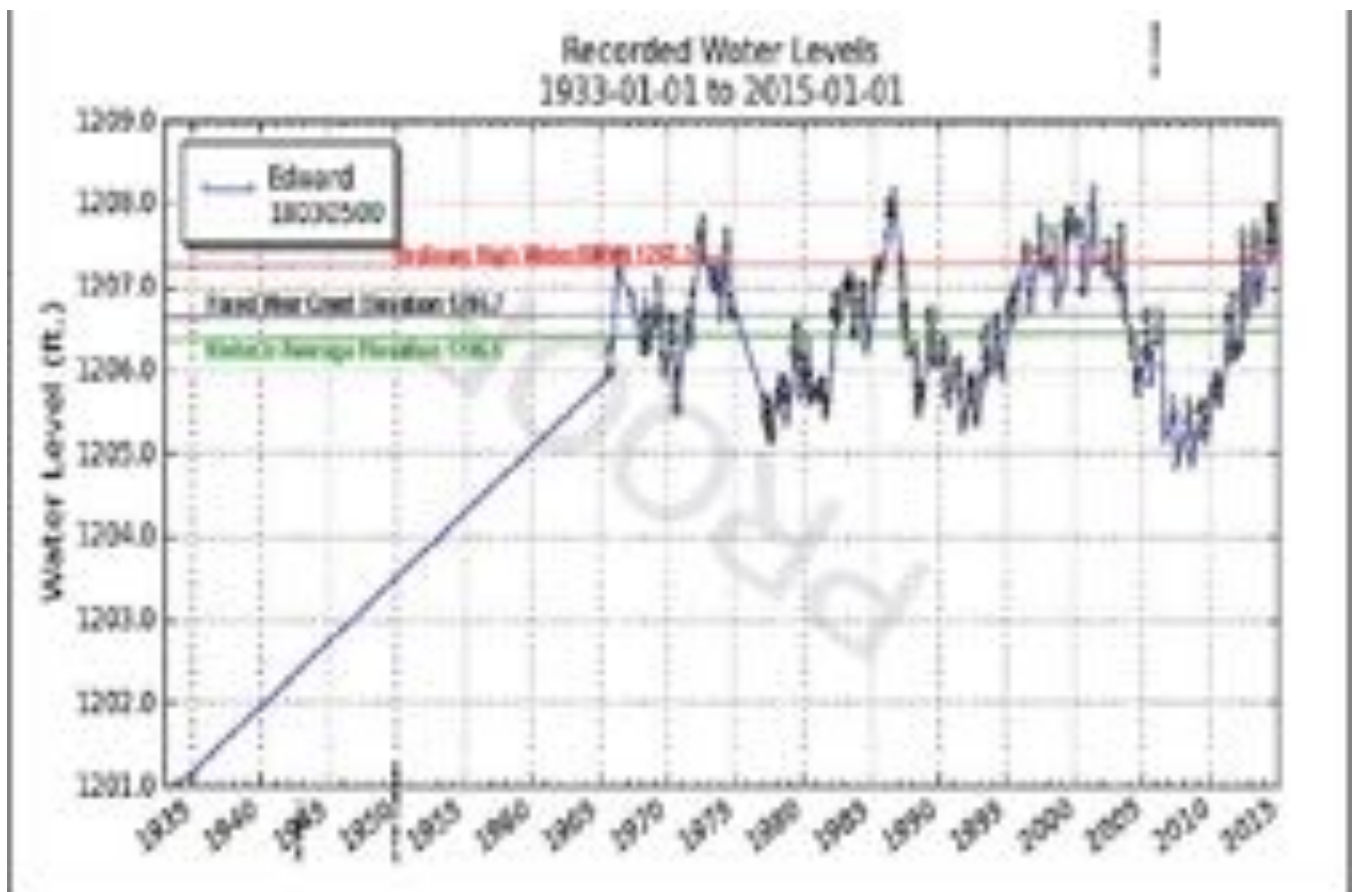
Play and land the fish as quickly as possible and moisten your hands with water to protect the fish’s slime layer and prevent post-release infections. If the fish is deeply hooked, cut the line inside the fish’s mouth. If it is deeply hooked and bleeding, consider keeping the fish to eat as long as it is of legal size in the open angling season for that species.

With the state record fish program now accepting applications for catch-and-release muskie, flathead catfish and lake sturgeon, anglers with a potentially record-setting catch are encouraged to quickly measure and take a picture of the fish before releasing it. Allowing state records to be set via catch-and-release presents an opportunity to recognize Minnesota’s outstanding fishing opportunities for these species while also formally honoring the skill of anglers who catch and release a trophy muskie, flathead or sturgeon. For guidelines, visit mndnr.gov/recordfish.

Mother Nature

Those of you that have been able to attend a membership meeting in the spring or an annual meeting in the summer have seen Herb Nelson's large 3 by 5 foot graph that tracks lake levels. It resembles the ups and downs of a stock market graph or a roller coaster ride at Valley Fair. It is helpful to see information on a grid to demonstrate how changes over the years develop a pattern. It is even more informative to combine the information on a graph with visuals. Take a look at the pictures on the following pages of Lake Edward taken in 1976 and 2009. The pictures in 1976 and 2009 match up perfectly with the low water years on the graph. Mother Nature has a way of determining how high or low the water levels will be. If we base our actions on the historic information we have available we shouldn't have many surprises in the future.

Lake Edward water levels as recorded by the DNR





Not a jet ski in sight back in 1976 but 12 foot fishing boats were all the rage. These pictures show conditions in the Fall of 1976. Viewing the DNR lake level chart shows that 1976 was a period of record low water levels. These pictures can attest to that. You can see a good portion of the dock isn't even in the water in the middle picture. Not even enough water at the end of the dock to float a boat in other pictures.



The pictures below are from 2009 and are of a different beach on the lake than the pictures on the previous page but something is the same, low water levels. These pictures give you an idea of the similarities in low lake water levels in 1976 and 2009. If you are viewing this online you should be able to see the difference in color in the sand in the top right picture. Where the sand changes color is the area that was once under water. The dock is not in yet, but if it is placed in the same position as previous years it wouldn't reach the water. In the middle of the top left picture there is a tuft of weeds in the sand. The tuft of weeds indicated what was once the beginning of the water line. I don't need to provide any pictures of the water levels in 1986, 2003 nor 2016, you only need to look out your window to get an idea of the conditions in those years.





One of our youngest participants all decked out and ready for the parade.

Stars and Stripes Parade 2017

There is a lot of talk of change in this newsletter, lake levels, invasive species and membership numbers to name a few and change can also describe the 2017 4th of July parade. In 2016 the weather was windy, cloudy, nippy and not ideal. In 2017 the weather was picture perfect, hot, sunny and calm. Kate Smith belted out God Bless America from a speaker on one pontoon, horns were honking from others, people were waving, and decorations were abundant featuring red, white and blue. The numbers of vessels in the flotilla increased this year from last. The only similarity between the two years was the enthusiasm demonstrated by all the participants. Thanks one and all for joining us. Nobody counted heads but thirty vessels times a guesstimate of four people per boat equals 120 folks at a minimum.



Only someone with eyes like an eagle can see the back of this line of parade boats. In all thirty vessels joined the parade. A circle around the lake took about one hour.

Where were these fish caught?



A. Lake of the Woods. B. Canada. C. Boundary Waters. D. Lake Edward



You're correct if you choose D. Lake Edward.

The pictures on the left and the one top right are dated 1959 and were copied from a photo album contributed to the LECC. by a long time property owner.

There are some written comments that accompany the pictures and one I found of interest was, "Walleye fishing was at it's best in the late 60's into the 70's, until the guides from Marv Koeps started coming".

8 1/2 pounds (1969)



A lot has changed since the LECC was formed in 1949 fishing being one as you can see. The LECC was given an album from a family that has a history on the lake going back to the 1890's. The album reveals some wonderful insights into the old days on the lake.

Thanks Pat Townsend for sharing your family's history with these great pictures.

Fisherman Gabe

Most, if not all, of you, are familiar with Babe Winkleman, the Lindner Brothers or Walleye Dan. They are all famous fishermen in this area and have spent a lot of hours on the water. They've been at this for quite a while but there is someone a lot younger who has spent more hours fishing percentage wise than any of the famous fisherman. Gabe recently graduated from high school and has probably logged more time in his life on the water than the big names if we go by percentages. Gabe until a few weeks ago, lived his whole life on Lake Edward and fished almost daily. Some kids in high school join the football, baseball, tennis, track or debate team. Gabe was a central figure on the high school fishing team. By the way, Brainerd took top honors this year. The fishing club is a co-ed team event and competes just like any other sport team in high school. Rules are pretty simple the team that catches the most fish wins. As they say practice makes perfect and Gabe has been practicing his whole life. He caught the "fishing bug" at an early age. Once caught there is no cure. Since he lived all his life on Edward he knows it like the back of his hand. Here is a Q and A with Gabe about his experience on the lake.

What have you caught recently that someone might be surprised by? **Earlier this year I caught a six pound 9 ounce smallmouth bass under a dock on the north side of the lake. Most folks probably would be surprised at how many smallmouth are in the lake.**

What appeals to you about fishing Lake Edward? **Edward is a great lake to fish because for one thing it has less commotion than more popular lakes in the area.**

What kind of fishing that you do might surprise people reading this? **My buddy and I like to bow hunt dogfish at night. He has a boat with LED lights on it and it is amazing how many fish besides dogfish are attracted by the lights. We see big crappies when we are bow hunting.**

You caught about everything there is to catch on Lake Edward. What do you like to fish for more than anything else? **Bass is my favorite.**

Which high school fishing team was your toughest competition? **Lakeville High School.**

How old were you when you first had a fishing pole in your hand? **My mom started me fishing when I was one and my grandpa took over when I was five.**

Where did you have high school fishing meets? **All over the state. An adult is required to pilot the boat, but the kids do the rest.**

Where do you go if you want to catch big northerns? **There is a very small lake just across from the north side of Edward, called Perch. There are some big northerns in that lake.**

September 2017

September 2017

Pot Luck and Bingo

Word Scramble

Hammering Hammer Handle

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

Rearrange the letters to spell
something pertaining to Lake Edward
found in this newsletter

r a p a e d

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