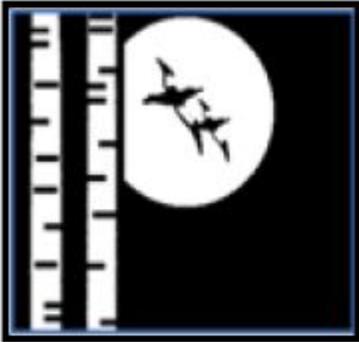


# Ten Mile Lake Association



# Newsletter

Summer 2018

*Dedicated to the Preservation and Improvement of Ten Mile Lake and its Environment*

## Volunteers/Lost & Found

- ◆ Going forward, we will need tech-savvy individuals to assist with computer accessibility.
- ◆ For now, we are looking for people to help stuff envelopes for the newsletter last few days in June.  
— Call Mary Ackerman 218-675-6229
- ◆ We would like to report a hard, plastic type wheel from a roll-in dock that was washed up on our shoreline. Our phone number is 675-5314.  
— Nancy Horn

## From the Editor: An Introduction

*By, Sara Chaffee-Bates*

I grew up on Ten Mile Lake, and it remains one of my favorite places. As such, I am elated to be able to contribute to the community here. The lake is where I learned to gut a fish, to swim, to ride a bike and to read my first words. In fact, a large amount of the imagery I use in my creative writing is still based around the color and sensations of the different states of Ten Mile's waters. Upon graduating high school, I enrolled in Gustavus Adolphus College, where I obtained a Bachelor's Degree of Arts with a Major in psychology and too many Minors, including: English, Religion, and Comparative Literature. After that, I followed my heart – and by heart, I mean my scruffy, lovable, law-studying partner – to Milwaukee. Currently, I am looking into grad schools and am planning – in the long term – to return to the Minnesota area and all the wonderful wild places within. With my history around the lake, I am greatly looking forward to working with the TMLA Newsletter in the future

## Ten Mile Lake Association Summer and Fall Calendar 2018

April 15	Deadline for Spring Newsletter	Thank you to everyone who contributed!	
June 27	Women's Coffee	Jeannie Kramer's Home, 3879 60th Ave N W Hackensack MN 56452	10 AM
July 5	Watercraft Operator Training	The Hub: 213 1st Street So Hackensack MN 56452	8:30 AM
July 10	Men's Coffee	Mark Putney's Home	10 AM
July 17	Men's Coffee	Otto Schneider's Home	10 AM
July 18	Women's Coffee	Louise Brandt's Home, 5025 Cattail Drive N W Hackensack MN 56452	10 AM
July 19	Communication and Technology Committee Meeting	Mary Ackerman's Home	4 PM
July 20	Environment and Ecology Committee Meeting	Bruce Carlson's Home, 5106 Lower Ten Mile Road N W Hackensack MN 56452	9 AM
July 21	TMLA Board Meeting	Mike and Linda Schwartz's Home, 4850 Hiram Loop Road N W Hackensack MN 56452	9 AM
July 25	Women's Coffee and Field Trip	Webb Lake: Directions available at the 7-18 Women's Coffee, or call Maggie	10 AM
July 31	Men's Coffee	Jeff Manlove's Home, 5851 White Spruce Lane Hackensack MN 56452	10 AM
August 1	Women's Coffee	Lisa Keegan's Home, 6320 Kenfield Pines Lane Hackensack MN 56452	10 AM
August 4	TMLA Annual Meeting	Union Congregational Church, Hackensack MN 56452	9:30 AM
August 7	Men's Coffee	Michael Schwartz's Home	10 AM
August 8	Women's Coffee	Mike and Linda Schwartz's Home	10 AM
August 14	Men's Coffee	Donald and Marian Lundberg's House, 4483 Herg Trail Hackensack MN 56452	10 AM
August 15	Women's Coffee/Wine and Cheese Party	Kim Moe's Home, 5276 County Road 71 N W Hackensack MN 56452	4:30 PM
August 16	Communication and Technology Committee Meeting	Mary Ackerman's Home	4 PM
August 18	TMLA Board Meeting	Justin and Sandy Krueger's Home, 5228 Currant Trail N W Hackensack MN 56452	9 AM
August 24	Environment and Ecology Committee Meeting.	Bruce Carlson's Home	9 AM
August 29	Women's Coffee	Sara Hamsa's Home, 5350 County 71 NW, 547-3190	10 AM
September 13	Communication and Technology Committee Meeting	Mary Ackerman's Home	4 PM
September 14	Fall Fete	Tianna Golf Course, 7470 MN-34 Walker MN 56484	5 PM
September 15	TMLA Board Meeting	Diane and John Power's House, 4417 Herg Trail N W Hackensack MN 56452	9 AM
September 18	Men's Coffee	Tom Cox's Home, 5688 Fernhurst Drive N W	10 AM

## Officers, Directors and Committee Chairs of the TMLA

<b>Officers - 4 voting, 1 ex-officio</b>				
President		Karin	Arsan	<a href="mailto:karin.arsan@exceltd.com">karin.arsan@exceltd.com</a>
Vice President		Bob	Iversen	<a href="mailto:bob@iversenconsulting.net">bob@iversenconsulting.net</a>
Treasurer		Teresa	Conway	<a href="mailto:tljconway@comcast.net">tljconway@comcast.net</a>
Secretary		Ann	Owen	<a href="mailto:annowen5095@gmail.com">annowen5095@gmail.com</a>
Ex-officio		Ivar	Siqveland	<a href="mailto:ivaresi@gmail.com">ivaresi@gmail.com</a>
<b>Directors - 6 each designation</b>				
Resident Director		Mary	Ackerman	<a href="mailto:ackermanmac@gmail.com">ackermanmac@gmail.com</a>
Resident Director		Tom	Cox	<a href="mailto:tbcoxreston@aol.com">tbcoxreston@aol.com</a>
Resident Director		Dave	Gapinski	<a href="mailto:dave@hiddenparadisemn.com">dave@hiddenparadisemn.com</a>
Resident Director		Don	Hoppe	<a href="mailto:hoppe4085@gmail.com">hoppe4085@gmail.com</a>
Resident Director		Anne	McGill	<a href="mailto:annielake@tds.net">annielake@tds.net</a>
Resident Director		Bob	Horn	<a href="mailto:bnhorn@tds.net">bnhorn@tds.net</a>
Summer Resident Directors		Linda	Schwartz	<a href="mailto:lindamchinander@gmail.com">lindamchinander@gmail.com</a>
Summer Resident Directors		Shelly	Knuths	<a href="mailto:sknuths@yahoo.com">sknuths@yahoo.com</a>
Summer Resident Directors		Steve	Erickson	<a href="mailto:steve@ericksonmeditation.com">steve@ericksonmeditation.com</a>
Summer Resident Directors		Diane	Power	<a href="mailto:dianefpower@gmail.com">dianefpower@gmail.com</a>
Summer Resident Directors		Andy	Biebl	<a href="mailto:andrew.biebl@claconnect.com">andrew.biebl@claconnect.com</a>
Summer Resident Directors		open	open	
<b>Committee Chairman and number of members on each committee</b>				
Adopt-a-Highway	32	John	Hallberg	<a href="mailto:jandghallberg@comcast.net">jandghallberg@comcast.net</a>
Advisory	8	Ivar	Siqveland	<a href="mailto:ivaresi@gmail.com">ivaresi@gmail.com</a>
AIS	11	Bob	Iversen	<a href="mailto:bob@iversenconsulting.net">bob@iversenconsulting.net</a>
By-Laws (ad hoc committee)	??	Linda	Schwartz	<a href="mailto:lindamchinander@gmail.com">lindamchinander@gmail.com</a>
Communication & Technology	9	Mary	Ackerman	<a href="mailto:ackermanmac@gmail.com">ackermanmac@gmail.com</a>
Conservation	15	Jim	Miller	<a href="mailto:jimtenmile@gmail.com">jimtenmile@gmail.com</a>
Environment & Ecology	10	Bruce	Carlson	<a href="mailto:brcarl@umich.edu">brcarl@umich.edu</a>
Finance	1	Teresa	Conway	<a href="mailto:tljconway@comcast.net">tljconway@comcast.net</a>
Fisheries	6	Steve	Helscher	<a href="mailto:steveandbarb@tds.net">steveandbarb@tds.net</a>
Healthy Lakes	6	Marty	McCleery	<a href="mailto:mrmccleery@aol.com">mrmccleery@aol.com</a>
History	12	Sue	Eikenberry	<a href="mailto:tenmile26@gmail.com">tenmile26@gmail.com</a>
Lake Safety	6	Jim	Brandt	<a href="mailto:sjbrandt54@yahoo.com">sjbrandt54@yahoo.com</a>
Legislative Developments	3	Ivar	Siqveland	<a href="mailto:ivaresi@gmail.com">ivaresi@gmail.com</a>
Loons	3	Kim	Moe	<a href="mailto:kimoe1974@yahoo.com">kimoe1974@yahoo.com</a>
Nominating	3	John	Keegan	<a href="mailto:keeganjc@aol.com">keeganjc@aol.com</a>
Water Level	3	Tom	Cox	<a href="mailto:tbcoxreston@aol.com">tbcoxreston@aol.com</a>
<b>Appointed Positions</b>				
IT Specialist		Justin	Krueger	<a href="mailto:kruegertenmile@gmail.com">kruegertenmile@gmail.com</a>
Membership Coordinator		Annie	Swanstrom	<a href="mailto:atmylake@msn.com">atmylake@msn.com</a>
Newsletter Editor		Sara	Chaffee-Bates	<a href="mailto:10milnewsletter@gmail.com">10milnewsletter@gmail.com</a>
Youth Watercraft Training		Rick	Hughes	<a href="mailto:rhughes1@tds.net">rhughes1@tds.net</a>
Youth Watercraft Training		Mark	Sand	<a href="mailto:marksandvh@gmail.com">marksandvh@gmail.com</a>
Webmaster		Geoff	Cox	<a href="mailto:geoffreybcox@gmail.com">geoffreybcox@gmail.com</a>

Please contact any officers, directors or committee chairs with questions, comments and suggestions, or to volunteer.  
Your involvement ensures a better future for Ten Mile Lake.

**Full committee membership lists are available on the website: [www.tenmilelake.org](http://www.tenmilelake.org)**

**NOTICE:** The roster, from this point on, will still be accessible on the website. However, after this newsletter's publication, the roster will only be included once yearly in the Fall version of the print issue, following the Annual Meetings and Elections.

### **Membership Update**

Many of you have already signed in and updated your profile in The Anchor. Those of you who have not should review your profile before the 2018 Directory is printed. The new directory will be printed and distributed at the Annual meeting in August. Those not in attendance will receive theirs in the mail shortly afterwards. Extra copies will be available for purchase. **If you have questions or concerns about your personal profile in the Anchor, contact Annie Swanstrom, the membership coordinator, at [membership@tenmilelake.org](mailto:membership@tenmilelake.org), 218-429-1164.**

One more thing – I have received several checks for dues from people who have already paid. Here is some info:

- Dues cover the year from September through August. Many of you paid your dues at the Annual Meeting last year or shortly after – great! That covers you until September 2018
- If you are not sure, you can sign into the Anchor and look at your billing record to see for yourself. Or contact Annie anytime. [membership@tenmilelake.org](mailto:membership@tenmilelake.org)

### **Lake Safety Committee**

There have been some changes to our Lake Safety Committee. Mark Sands and Rick Hughes will continue to do the youth watercraft training, but will not be head of the Lake Safety Committee. To sign up for that course, e-mail the association. Jim Brandt of Kenfield Bay is now head of the Lake Safety Committee. We're very grateful he's stepped up to take over this very important job. And our thanks go out to Mark Sands and Rick Hughes for all the work they've done for Ten Mile residents over the years, including seeing to it that the buoys are out and repaired as needed. Our lit buoys are run on solar power and it has to be dark for them to come on. We've had several complaints that they weren't working BUT this was not true. It just wasn't dark enough.

### **You shop. Amazon gives to TMLA.**

AmazonSmile is the same Amazon you know. Same products, same prices, same service.  
Amazon will donate 0.5% of the price of your eligible AmazonSmile purchases to the charitable organization of your choice – TMLA we hope!  
Support TMLA by starting your shopping at [www.smile.amazon.com](http://www.smile.amazon.com).

When you shop online at Amazon, you always go to their website and sign in with a username and password – or those of you who shop often will automatically be recognized and signed in. Well, the next time you shop at Amazon, sign into [www.smile.amazon.com](http://www.smile.amazon.com) instead. Go to MY ACCOUNT, select from the option CHANGE YOUR CHARITY. Search for Ten Mile Lake Association and select it.

Some of you regular shoppers probably have Amazon on your FAVORITES list. The first time you shop after signing up for Smile, just type into your browser AMAZON. You'll get a drop-down list – pick Amazon smile. Simple. Memorize that site to your favorites bar for next time! That's it – now when you shop, Amazon will send TMLA .5% of your purchase price. While that may not seem like much, over time and multiplied by our our membership numbers it adds up! And it's all automatic. You will get a report from Amazon on a regular basis showing YOUR amounts donated, and TMLA will get reports showing how much we have received. It will be deposited in our bank account automatically every time you shop.

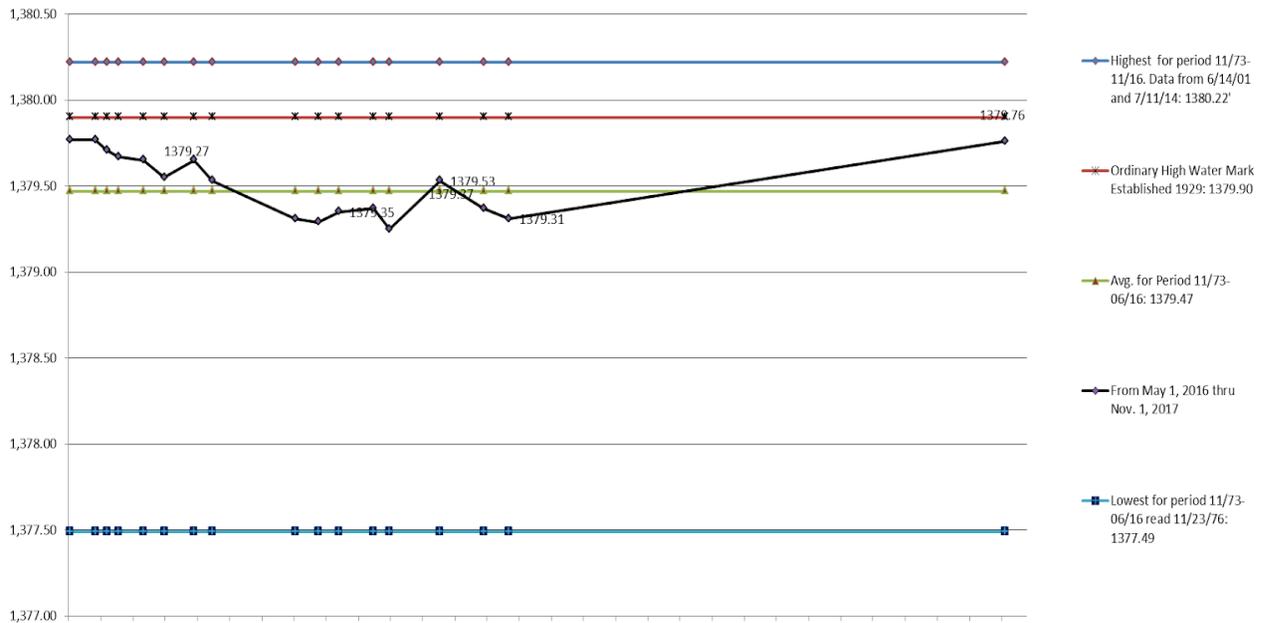
Please note – We are aware that not everyone loves Amazon, and we do support the idea of buying from local merchants whenever possible – it only makes sense! But some things are just not available in Walker or Hackensack – so if and when you shop for those items, try [www.smile.amazon.com](http://www.smile.amazon.com). THANK YOU from TMLA!

### Ten Mile Lake, Water Level Chart

Ten Mile Lake Level Update  
2016 – 2018 to-date (June 5th)

Due to the late spring, 2018 readings only begin as of June 6th, when the lake stood at 1379.76', which was 2.5" higher than one year ago, and 5.4" higher than on November 1st, last fall.

Data collection by Jay Cline; Chart by Tom Cox, Water Level Committee, TMLA.



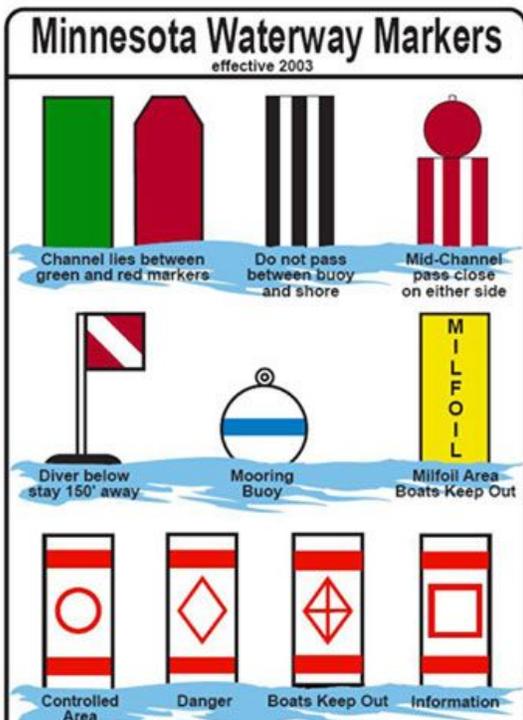
# That's a Good Question.....Watercraft Safety, What's the Meaning of All the Buoys on the Lake?

**Q: We have seen buoys in several places on the lake. What do they mean?**

Waterway Markers – Aids to Navigation

Waterway markers show navigable channels, denote unsafe areas, direct traffic, control speed, protect resources and provide other functions.

**On Ten Mile Lake :**



- If you see a Striped Buoy do not go between the buoy and shore.
- If you see two buoys at the entrance to a bay ...like Long Bay or Kenfield ...they are night-lighted and you should go between them for safest travel.
- If you are near a point of land and see a white buoy they mark shallow waters from the point out to the buoy. Do not go between the buoy and land.
- If you see several buoys in a line or arc ... like the ones around Angel Island ...they mark underwater sand/rock/reed spits. They are night-lighted. Do not go between the last buoy and the point of land.

- And of course, protect our sensitive shoreline and loon nests if you see a NO WAKE buoy!

If you happen to see a damaged buoy, please let the Association know ([association@tenmilelake.org](mailto:association@tenmilelake.org)) or call a Board Member. Our Safety thanks you! Please note: our lighted buoys are solar powered and light. They may not be on until it is full dark.



via email  
Committee  
sensitive.

## Spring greetings from Paws+Claws Rescue & Resort,

As I write this, we still have snow on the ground and it sounds like more is on the way. It's been a very long and 'ruff' winter for us all. We are eagerly awaiting warmer temps so we can all enjoy the outdoors more.

It's hard to believe that we are nearing our 1-year anniversary in July. The time has flown by, and we have been pleasantly surprised as our services have exceeded our expectations.

Since summer is a busy time for everyone in lake country, we kicked off our opening by offering boarding services. We were amazed at the response we received from community members, and many visitors who brought their pets from the metro and even out of state. They gave feedback on: how beautiful our facility was; how wonderful and caring our staff were; how reasonable our rates were; and how our location allowed them to come visit their family pet, or pick them up to take out on the lake for the day. By boarding their pet with us, they also support our shelter pets.

Our adoption wing opened in early August, and we have seen a steady stream of visitors looking for a dog or cat to complete their family. To date, we have had 75 dogs and 76 cats who have been given a second chance. Although we get attached to our shelter pets during their stay with us, it warms our hearts even more when we see them leave with their new families.

Are your furry family members in need of some pampering? Our grooming area recently opened. Currently, we have groomers on site Wed-Fri from 8am-5pm offering full grooming services. On Mon & Tues, our staff are available for baths or nail trims. To arrange spa services for your pet, please give us a call.

Our volunteer base continues to grow, and the opportunities are endless! We provide a formal training for those willing to donate their time and talent to support Paws+Claws pets. If you have a desire to help out, please let us know. We'd love to see you!

Our spacious community room has been seeing a lot of activity lately. This area can seat 30-40 people comfortably; it can be reserved for birthday parties, community meetings, and other special events. A kitchen is attached to the community room and available for use for your private gathering. A small, hourly reservation fee applies.

Most recently, we were proud to receive designation as a 'Dementia Friendly Business'. Our staff and a few volunteers participated in the ACT on Alzheimer's training offered by the local Walker chapter. This honor recognizes that our business and employees: are aware of the signs of memory loss in customers; that they understand effective communication skills; and that they know how to be both helpful and respectful.

We are so appreciative of the support our community has shown us over the last year. This organization wouldn't be possible without the generosity of so many. We welcome you to stop by for a tour, visit our website at [www.pawsandclawsanimalshelter.org](http://www.pawsandclawsanimalshelter.org) and follow us on facebook. To make a boarding or grooming reservation, inquire about an adoption pet, or to notify us of a community animal in need of shelter, please give us a call at 218.675.7297, or visit us at 2949 State 371 NW in Hackensack.

Warm regards,

Coretta Czycalla, Executive Director

Paws+Claws Rescue & Resort

## “CATCHING” UP

Greetings to all our members and friends of Ten Mile Lake. As you remember, the DNR resumed the 1,316lbs of fingerlings being stocked in Ten Mile last fall. The DNR had been doubling the stocking, but the research shows negligible improvement in the quantity of walleyes in the lake. It also appears the number of perch have been dropping. This is significant because that is one of the walleyes main forage. The DNR will be on the lake during late August doing their annual work.

There was an interesting article in the Star-Tribune in January. The DNR has been conducting research on the improving water clarity of Mille Lacs. As you know, the water clarity has vastly improved over the past 20 years, and the walleye population has crashed. Even though the phenomenon began before the introduction of zebra mussels, they have exacerbated the problem. Though a solid answer has not been found, one theory suggests that the fry are being forced out of the shallow and clearer water into the deeper, darker and more dangerous water where they fall prey to predators.

As clear as Ten Mile is now, the introduction of zebra mussels will filter the water even more and could have a dramatic effect on our walleye population. Everyone must continue to be diligent and encourage friends and family members bringing boats to the lake to make sure they are clean. We all have a stake in our water quality.

As I mentioned last year, please continue to practice good harvest habits of our various populations of fish. By in large, CPR (catch, photo, release) the big ones and keep the smaller fish. If you followed the link in the spring 2017 newsletter, you know that statewide, pan fishing quality is suffering. Reduced possession limits could be on the horizon if quality does not improve. Let us all help **TEN MILE LAKE** be a leader to restoring quality pan-fishing in MINNESOTA by releasing BLUEGILL and SUNFISH above 8” and CRAPPIES over 10”.

As I write this, (late May) Barb and I are still in Iowa. We are staying to watch our grandson play baseball, we enjoy his games. We will be on the lake the first week of June and fishing will be in full swing. I would like to hear from the membership on how things are going throughout the summer. Have a great, safe and enjoyable summer, and I hope see you all on the water.

Steve Helscher  
Fisheries Chair

## How High the Moon?

Bruce Carlson

I must admit to being a moon freak. When I am up at the lake in the summertime, my fishing schedule largely revolves around the phases of the moon, and when the moon rises and sets. For years, I have followed the generalization that with a monthly lunar cycle the moon rises a bit less than an hour later and

sets roughly an hour later each night. Boy, have I been wrong!

My education began in the early summer of 2006, when I noticed that even during the period of a full moon, the moon barely ascended over the horizon

throughout its nightly circuit. I also realized that the moon didn't come up an hour later each night, and that the time from moonrise to moonset wasn't very long. The next winter, I looked at the full moon and it hit me that the moon was directly overhead, and not near the horizon where it was at the same time on a summer night. These observations led me to an exploration of moon cycles that opened my eyes to something I had never paid close attention to over many decades of night fishing for walleyes. Such sightings also got me to wondering about how variations in moon cycles might affect night fishing success.

After reading a bunch of articles on lunar orbits, I first realized that my original observations were correct. The second thing I realized is that lunar orbits are much more complex than I had ever imagined. Let's start with a few facts. On Ten Mile, the time between the rising and setting of the full moon in June, 2006, was only 7 hours and 50 minutes; whereas in December, the full moon – with its high arc in the sky – was above the horizon for 17 hours and 12 minutes, according to data from the US Naval Observatory. In addition to having a low arc, the June full moon rises and sets far to the south as compared with the December full moon.

Two kinds of cycles determine how far north or south the moon comes up and how high it rides in the sky. The first is a monthly cycle that – for the moon – acts very much like the yearly cycle of the sun. On the December solstice (our shortest day), the sun comes up far to the south and traces only a low arc across the sky. Then, as the seasons progress toward the first day of summer, the sun rises earlier and much farther to the north, and is high in the sky at noon. The moon orbit goes through a similar cycle, but it is completed every 29.5 days instead of throughout an entire year. This means that in June, when the full moon is low in the sky, the thin crescent moon seen a bit over two weeks later rides high. Over the next six months, things undergo a gradual reversal, so that by December the full moon rides highest and the crescent moon follows the lowest arc across the sky. The arcs of the sun and moon are basically the opposite, so that in June, when the path of the sun is highest, that of the moon is lowest, and vice versa in December.

To make things even more complicated, there is an 18.6 year cycle that also affects the arc of the moon as an add-on to its monthly cycles. In the year 2006, the difference between a high and low lunar arc was the

greatest. Nine years later (2015), the difference between the highest and lowest moon arc was the least. By 2024, the difference will be greatest again.

How might all of this affect the fisherman? At one level, a period such as June, 2006, when the arc of the full moon is lowest, there is less time at night when one can fish by the light of the moon. Also, in June, the moon rises and sets less than an hour later the next day; whereas in December, the day-to-day difference is well over an hour.

The height of the moon's arc also affects the amount of light that it casts. When the moon rides low in the sky, the intensity of its light is less because of the filtering effect of small particles in the atmosphere, whether dust or the haze of a warm front. This is the same thing that happens to sunlight at sunset. The angle of the moonlight hitting the water also influences how much light penetrates into the deeper waters because of increased reflection from the surface. Another little recognized fact about moonlight is that the intensity of light coming from a half moon is only 1/10 that of a full moon, because of the way that the rays of the sun reflect off the sides of the moon's surface. When you look at the silvery moon, you would never guess that its surface is actually black. The reason it looks silvery, is that other than a narrow beam of sunlight, no other significant sources of light from space hit the moon. Under circumstances like this, even a black object (such as a piece of coal) looks silvery when a light is shined upon it.

Many fishermen strongly feel that there is a correlation between moon phases and fishing success. What has been little considered, if at all, is whether the height or duration of the arc of the moon across the sky has any influence on the feeding behavior of fish during the night (or the day, for that matter). It would be interesting to look at data on large fish caught to see if success is greater during parts of the 18.6-year cycle when the moon is highest or lowest in the sky. At a minimum, the behavior of the moon may influence the behavior of fishermen in terms of when they go onto the water and how long they stay. Whether the increasing duration and higher arc of the full moon as the seasons transition from summer to late fall has any effect on fishing is presently anybody's guess. Many variables play a role in walleye fishing success, and the moon is certainly one of them

## Billboards near Backus and Park Rapids



### Welcome *Water Protectors*!

Remember several years ago when Jim Reents and Mary Ackerman created *The Northern Water Alliance of MN* – an alliance of organizations and individuals concerned about water? Well NWA is still active, and we are part of the new campaign in our region by Honor the Earth and their friends. It was decided that it was high time to especially recognize and welcome *Water Protectors*.

#### Who are *Water Protectors*?

You're probably one of them! They are all those people working to stop AIS – zebra mussels, milfoil, etc. – from entering our lakes. They are people concerned about the agricultural run-off that has stricken hundreds of lakes in Minnesota, prohibiting swimming and fishing. [See the article in this Newsletter] *Water Protectors* are those people working to keep the Boundary Waters free from pollutants. And, *Water Protectors* are the folks working to keep new pipeline corridors out of lake country and in more safe and appropriate locations.

*Water Protectors* are everywhere. They are an important part of Minnesota's tourist economy. They own property and pay taxes. They are cabin renters, with several generations of family that call this region magical. They are resort owners and small businesses that rely on tourism, fishing and hunting. *Water Protectors* generate millions in the North Country. The U of M estimated a decade ago that over \$700 million were spent in the four-county area of Aitkin, Cass, Crow Wing and Hubbard counties alone. This amount exceeds every other region except the tourist-rich metro area of the Twin Cities. *Water Protectors* understand that we are a water dependent economy. Many *Water Protectors* are unaware that the DNR has estimated that nearly 60% of MN's lakes and streams, those of the South and South Central portion of the state, are under "major stress – mostly cannot be restored or restoration is mostly unrealistic". No swimming. No fishing. Our North Central portion of the state – around 40% – has "Good quality lakes that can be protected." *Water Protectors* work every day to preserve the North Country's pristine waters for our kids and their kids to come.

The "*Welcome Water Protectors*," campaign launched June 15 in northern Minnesota with the unveiling of two billboards: one in Park Rapids, and a second in Backus. Both locations target the Line 3 Pipeline issue that seriously

impacts those communities. The billboards feature the smiling face of NWA co-founder Jim Reents: an Intervenor on behalf of the NWA in the Public Utilities Commission process opposing the Line 3 project. Sitting with Jim is a young Lakota boy, riding along the proposed pipeline route in the fifth year of the Honor the Earth Spiritual Horse Ride, from Rice Lake Refuge to Rice Lake, Minnesota. When interviewed, Jim said, “Water is life. Each of us has a responsibility to maintain and preserve the waters in northern Minnesota. Not only for ourselves ... but for future generations.”

You may not have thought about yourself as a Water Protector, but we are pretty sure you are. Please stay current on all the water issues that affect our lakes and watersheds. And thank you for taking on your new title: *Water Protector!*

For more water information:

[www.mnlakesandrivers.org](http://www.mnlakesandrivers.org) MN Lakes and Rivers

[www.MN350.org](http://www.MN350.org) MN 350 – Climate Change, Twin Cities office

[www.mnipl.org](http://www.mnipl.org) MN Interfaith Power and Light, Twin Cities office

[www.mepartnership.org](http://www.mepartnership.org) MN Environmental Partnership, Twin Cities office

### *Water Protectors* Update on the Enbridge New Line 3 Route

Many of you have been watching the nearly four-year process to create a new pipeline corridor across our region. It’s a route across lakes, wetlands, the Mississippi River and some of the state’s most pristine waters. The Northern Water Alliance has been in the thick of it. A quick summary of where we are now might be helpful. At the end of June, the Minnesota Public Utilities Commission will determine if the Enbridge Corporation will receive a certificate of need and an approval of a route for the 915,000 barrel-per-day New Line 3. The Department of Commerce recommended against issuing the Certificate of Need last fall, and the Administrative Law Judge recommended against issuing a permit for the preferred route. Those two recommendations are considered significant in the deliberations of the Public Utilities Commission. Given the tone of the MN Legislature this session and the power of corporate entities, we are not at all sure the route will be shifted away from our lakes, wetlands and the Mississippi River. Your letters, calls and emails have been so important. They may be needed again.

In an Interview, Winona La Duke, Executive Director of Honor the Earth, said, “When the state rejects Enbridge’s proposal, we will celebrate. If the state should go against all recommendations and issue a permit, we will be ready to camp and protect our water. “Honor the Earth has been one of the leaders in opposition of the new Enbridge Line 3 route, the abandonment of the old Line 3 in place, and the argument that MN needs this pipeline at this time. Honor the Earth will be inviting Water Protectors from across the country to camp across the proposed new pipeline corridor to protest the route. More information about the camps can be found on their website. [www.honorearth.org](http://www.honorearth.org)

If you are a Water Protector with concern about the New Line 3 Route, there are other good websites you can use to become educated or updated:

[www.friendsoftheheadwaters.org](http://www.friendsoftheheadwaters.org) Friends of the Headwaters, Park Rapids

[www.MN350.org](http://www.MN350.org) MN350 – Climate Change, Twin Cities office

Article for Lake Association Newsletters  
From Northern Water Alliance of MN  
By Mary Ackerman & Jim Reents

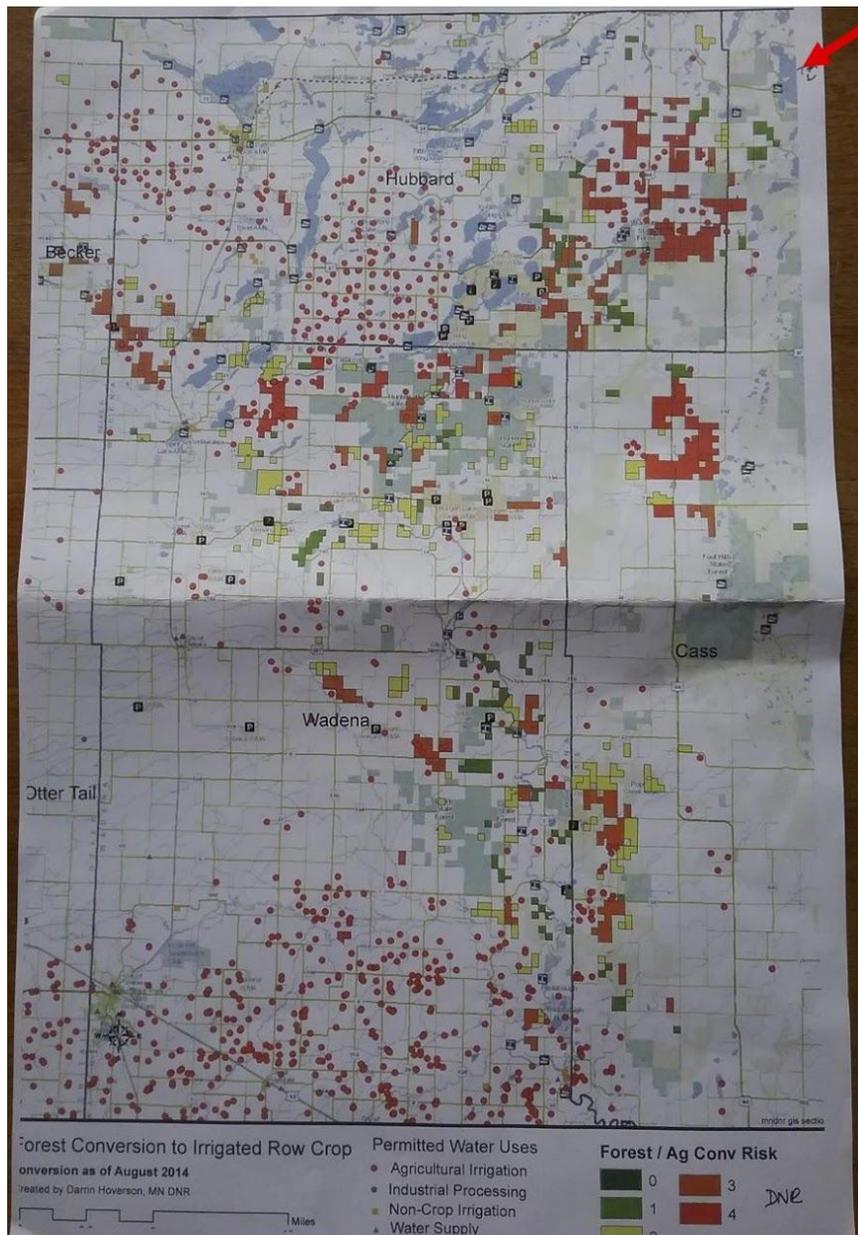
## Groundwater Contamination

Groundwater Contamination is a current concern for residents of Ten Mile Lake Watershed.

The issue of commercial potato farming and other agricultural activities surrounding our watershed will most likely impact our drinking water quality if we allow it to continue without protest and action. This is a critical issue for all who reside in the watershed and value the quality of our water and our beautiful Ten Mile Lake.

The principal issues are:

- The contamination of groundwater (and wells!) with nitrates and other chemicals from the potato and other farming of sandy soils
- The high residential and municipal cost of treating water extracted from the contaminated groundwater aquifer
- The depletion of groundwater from excessive pumping, and the extra residential and municipal expense required to deepen and maintain a well and treatable water supply.
- The overspray of toxic chemicals affecting those whose property is adjacent to agricultural operations
- The loss of forests and forest management that are key to maintaining high aquifer water quality. The arrow shows the general location Ten Mile Lake.



The Pineland aquifer shows the general location of the aquifer of concern to Ten Mile Lake. (Fig. 1, shown just above. The arrow on the lower, right side of Fig. 1, points to Ten Mile's location.)

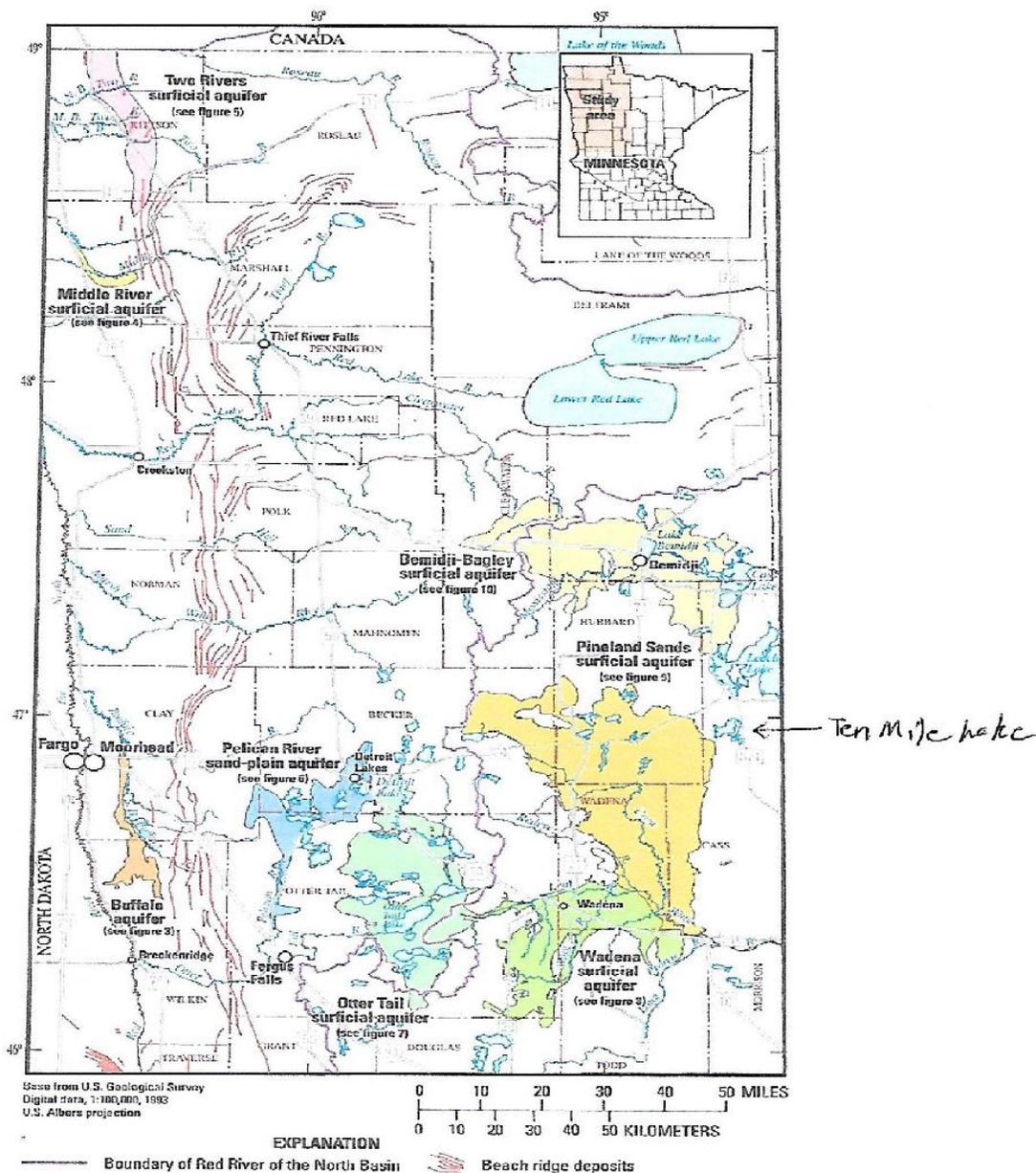


Fig.2 (the lower of the two pictures shown above), shows the location of wells used to convert forest land to irrigated row crops. Note that these activities have greatly impacted the water quality of the Pineland Sands aquifer as a municipal and residential resource. This map shows where the existing wells are (orange dots) and areas that are in danger of being cleared and used for agriculture (orange squares). You can see that our major aquifer is beneath a large number of orange squares.

Trending groundwater flow and agricultural activities are headed toward the Ten Mile Lake watershed. We can voice our concern to the Minnesota Department of Natural Resources, Minnesota Pollution Control Agency, the Minnesota Department of Health and Minnesota Department of Agriculture to include the legislative and administrative departments of the State of Minnesota. See other articles in the issue.

## **AIS News**

With the boating and fishing season well underway, I'm pleased to report that Ten Mile is still free from any major aquatic invasive species (AIS). This is thanks to your vigilance and to that of the county-paid inspectors at the DNR boat access (and to our motion-activated video camera with its audio reminder).

In early June, I had the opportunity to attend an AIS conference in Detroit Lakes that was put on by the Minnesota Aquatic Invasive Species Research Center (MAISRC) at the University of Minnesota. I learned that MAISRC is the largest such center in the US with 40 part and full-time researchers. Most of its funding comes from the state's Environmental and Natural Resources Trust Fund which receives its money from state gambling revenue. Even with this funding, MAISRC is operating on a shoe string and is always appreciative of donations ([www.maisrc.umn.edu](http://www.maisrc.umn.edu)).

At the conference, I heard several interesting presentations about the work researchers at MAISRC, the DNR and others are conducting to combat AIS around the state. For control of localized infestations of zebra mussels, the Center is conducting experiments to optimize the dosage of copper-based biocides used to kill veligers, the larval form of ZM. The Center is also continuing its work to look for a zebra mussel-specific pathogen that is harmless to other aquatic plants and animals.

Starry stonewort is a relatively recent AIS threat in Minnesota and a huge problem for the infested lakes. The Center has done research to determine what lake characteristics make a lake more susceptible to its spread. The researchers found that lakes with high pH (i.e., alkaline), high conductivity (hard water) and a high nutrient level are the most likely to host a large infestation of starry stonewort. Ten Mile meets two of the three criteria (pH and conductivity) but doesn't have high nutrient levels, so we may not be the most susceptible. However, careful watercraft inspection is very important.

Another interesting presentation covered the initial research being conducted to determine the impact of zebra mussels and spiny waterflea on fish populations. The study was prompted by the problems with the walleye population at Mille Lacs Lake, which has both AIS species. These species are filter feeders, consuming the phytoplankton and zooplankton in the water column. In Mille Lacs, the plankton level is near zero, likely creating a survival problem for newly hatched fish and baitfish. The study is taking place on 9 large Minnesota lakes with different combinations of no AIS, ZM and SWF. The researchers are comparing the growth rates of newly hatched fish and taking tissue samples that can determine their food sources. It will take another year or two of data to reach sound conclusions, but the initial results point strongly to a major shift in diet for infested lakes.

With the threat of AIS ever-present, it's good to know that Minnesota has stepped up to the plate to find ways to combat these threats. There aren't any readily found "silver bullets" but MAISRC's research team is doing great work and making progress.

Bob Iverson  
AIS Committee Chair

## **Loons Arrival Times....**

We are all concerned about how the late ice-out this spring may hurt the loon breeding and chick population on TML this year. The later that loon pairs get to nest, the less time the parents have to feed their chicks and prepare them for the fall flight.

Yes, the loons have to breed late due to a long winter & ice on the lake. Other years, when they arrive earlier, the loons tend to dawdle. They take time to rest up after their long trip north. They have time to feed and put on weight and they don't nest as quickly. These late ice-out years (like 2018) prompt the loons to quickly breed and nest. They may do this

within a week from their return to their northern home!! This timing seems to catch them up to other years. Their breeding schedule doesn't differ a lot from other years.

When loons were waiting for the ice-out on TML - they were living and feeding on nearby open waters. This gave them time to restore their body to a good condition after their long migration north. Fully recovered from this long trip, the returning loons establish territory and breed quickly. Data shows that loons are no worse off when spring comes late! Hopefully we will have positive news about our loons.... time will tell.

Kim Moe  
Loon Committee Chair

## The History Page

### Changes Rightfully Infrequent



It was 1967 when Mom and Dad bought the yellow cabin. My sister Barb and I were sassy teenagers but excited about this venture. The cabin was part of a small “Ma-and-Pa” resort on pristine Ten Mile Lake in Hackensack. It is thought to be the second-deepest lake in Minnesota. That means cold. What squeals of joy were had in taking the double-dare to jump in.

The folks were simple in their needs, and therefore comfortable with the simplicity of this property, in all its glory: The tall red and white pines; a gorgeous, clear lake; the soft pine needle carpeting; an unpredictable Mother Nature. Mom and Dad respected the environment and treated it with care. Conserve, respect, replenish.

We knew that the little yellow cabin was secondary to its surroundings, serving only as a placeholder for its current stewards. Mom and Dad taught us well, and that ethic continues to this day.

Dad was emphatic about maintaining the cabin's infrastructure. Mom tended to the aesthetics within, also known as "cabin hokey." Red-and-white checkered everything, homemade woodcarvings, folksy wall hangings, grandkids' drawings, taped photographs, and the inexplicable old magazine photo of an eagle in flight, framed in barn sash. There were lists upon lists posted on how to flush the toilet for a fragile septic system, on when to turn on the hot water heater, on how to drain the oil from the motorboat, on shutting down the cabin. It was practically the same list, for it was intolerable to waste energy when not in use.

Change came infrequently, but when it did, it was remarkable. The interior of the cabin's bare garage motif was eventually completed in knotty pine paneling. Pulling up the red linoleum revealed beautiful fir plank flooring, much to Mom's surprise. Years later — I mean, years — Barb and I were able to wear the folks down into letting us have a small television (two channels, and then only if the sun, moon and planets were in alignment). And not too long ago, the yellow cabin was painted brown.

Mom and Dad are gone now but not their presence. If you look closely you just might see the spirit of Dad, a musician, playing his violin at the end of the dock before the parade of boats decorated for July 4th. To this day, too, the bathroom sink still drains its familiar sounding gurgle. The screen door spring has the same rusty screech when stretched, and the propane heater thankfully fires up with its soothing "Va-room."

We still call it The Yellow Cabin. Some things just shouldn't change.

Juliann M. Brunzell, Minneapolis

Thanks to StarTribune writer Robert Timmons for permission to reprint this article

## **PART II**

Did we mention there was another cabin on the property? We called it *The Little House*, a small structure used seasonally by the owners of the old Pebble Beach Resort, of which *The Yellow Cabin* was a part. The rock foundation of *The Little House* originally supported a small sheep shed, so the story goes. And at times, it felt like a sheep shed.

Please don't tell Mom and Dad (though, they have passed), but daughters Juliann and Barbara had it torn down in 2014 and, in its place, built a lake home. We call it *The Stuga*, Swedish for "cottage". It is a bit more than that, as it houses four bedrooms, a screened porch, and a full basement, making it year-round worthy. Yet, it screams of cozy and rustic and...well, Swedish. (A huge shout out to builders North Ward Homes and A&H Architects.)

Mom and Dad would have loved what we did, though it's probably too modern for their liking. Thus, the sisters were purposeful in incorporating the simple, the memorable, the traditions and the memories of past, in honor to what the folks had provided us on Ten Mile Lake. In sweet deference to Dad, the little Fiddler on the Roof statue from their city home greets you from atop The Stuga. Fitting.

You can definitely see the beautiful, Swedish falu red exterior from the lake, as you paddle by. That'd be us, waving back to you.

## Remembering Our Ten Mile Lake Friends

### Alice Kay



Alice Lou (Wiese) Kay was born January 7, 1927, in Atlantic, Iowa. She attended Drake University on a full music scholarship, studying piano, voice and organ. There she met her future husband, Robert Kay, who was a student at Drake Law School. She left Drake after two years of study to marry Bob and start their life together.

They married in 1947 and moved to Clarion where Bob opened his law practice. Bob and Alice were a great team and gave of their time and talents to the Clarion community. They both served on many boards and service organizations and were active in the United Methodist Church. Alice directed the Wright County Women's chorus for 20 years and the Methodist Church Choir for 20 years, once directing a 100 voice Clarion chorus production of "The Messiah". She taught piano and guitar for 25 years. She organized and played guitar and bass fiddle in a bluegrass band called The White Fox Assembly. Alice was the first woman to be elected to the Clarion City Council as well as being the first woman elected to the Clarion Development Commission. She also served as chairman of the Wright County Land Use Commission and the City Council Recreation Committee. She was on the original Festival in the Park committee. She became a member of the Library Board and served as president for 10 years. In more traditional "volunteer" roles, Alice served as the organizer for Campfire Girls in Clarion, was a leader for ten years, and served on the State Campfire Board for two years. She taught Sunday School at the Methodist Church for 20 years. She volunteered for the Community Chest

Fund drives. In 1979 she enrolled at Iowa State University to complete her degree in Music Therapy, with the encouragement and support of her best friend, husband Bob. She and Bob were also on the board that built The Meadows, and Alice was on the board of The Meadows Assisted Living.

The family was first introduced to Ten Mile in 1954 by friends who lived in Clarion. Bob and Alice had never been on a lake before and didn't really know if they would like the wildness, the bugs, the lifestyle. Needless to say they were both smitten with Ten Mile Lake. They both felt they had "found magic". They credit their friends, Bob and Jane Anderson, for introducing them to this special place on earth, and for teaching them the joys of sailing, water skiing, fishing, canoeing. The two Bobs saw an opportunity to buy property on the south shore of Ten Mile. They developed the majority of the shoreline from "The Point" to "Pinewood Resort". They divided it into lots, built cabins, and sold the real estate as a means to build their own homes on the lake. Bob and Alice designed their home with lots of windows, which came to be known as "The Glass House" on the south shore. Alice and the kids were able to spend whole summers at the cabin, and Bob went back and forth to Clarion and his law practice. Alice truly became a "Lake Girl" and happily shared her lake paradise with many friends and family through the years.

She was a woman of many talents and interests. Alice Kay was a doer, not a sitter, being blessed with good health and lots of enthusiasm. She and Bob loved travel and had the opportunity to explore much of the United States and countries abroad. She loved participating in life at every stage of her life. Most recently she shared her passion for physical activity by leading a daily chair exercise class at The Meadows Assisted Living. She will be remembered for encouraging others to be the best that they could be and for always being a good listener.

Alice died Tuesday, April 24, 2018, at Israel Hospice House in Ames. She is survived by her children, Kathryn (Bill) Jewell of Wheat Ridge, Colorado, Deborah Garwood of Ames, Iowa, and Brian (Bonnie) of St. Cloud, Minnesota; four grandchildren, Amy (Brian) McDowell, Jason (Whitney) Garwood, Rachel (Sion) Owen and Kevin (Corinne) Kay; and two great grandchildren Drew and Ty McDowell.

### **Karen Jensen**



Karen (Bilben) Jensen, 80, died Sunday, March 25, 2018, at Madonna Towers in Rochester, Minn.

The celebration of life service will be held at Rochester Assembly Church March 29 at 11 a.m. Visitation will be held from 5 to 6:30 p.m. March 28 in the church sanctuary and one hour prior to the service. Another service will be held in the Hackensack-Walker area this summer.

Karen was born Dec. 19, 1937, in Walker, the daughter of Clifford and Ardis (Olson) Bilben. She graduated from Walker High School in 1955 as the valedictorian and attended Macalester College in St. Paul.

On June 18, 1958, she married Donald Jensen at the Walker Community Church. They resided in the Hackensack area, living on Ten Mile Lake for over 50 years.

Karen is survived by her husband of 59 years, Don; children David (Elena) Jensen of Phoenix, Laura (Keith) Tally of Rochester and Steven (Meika) Jensen of Salt Lake City; grandchildren Matthew (Jenni) Jensen, Michael Jensen, Megan (Josh) Darras, Elisa Tally and Heather (Joel) Clark; and great-grandchildren Jeremy, Lilith, Alisia and Ashton.

She is survived by her brother, Dr. Steven Bilben; sisters, Dr. Barb Bilben and Elaine Bilben; sisters- and brothers-in-law Marian Wald, Dorothy Mull, Helen Howe, Jerry and Peggy Jensen; as well as many nieces and nephews.

Karen was a strong and caring woman, who asked to be remembered for her love of Jesus. She will be remembered for her faith as well as her love and service to her family and friends. She was a tremendous cook, hostess, listener and woman of prayer. She was also a skilled realtor, working many years alongside her husband.

She battled rheumatoid arthritis for 37 years, along with a host of other medical issues. Through it all she continued to care about others and love Jesus. Karen will be greatly missed and remembered fondly by her family and friends that loved her so very much.

She was preceded in death by her parents, Clifford and Ardis Bilben; and in-laws Ernest and Esther Jensen, and Bernice Jensen; sister Sandra Richardson; sister-in-law Sharon Bilben; and brothers-in-law Richard Jensen, Edgar Wald and Stanley Howe.

The family would like to thank the great staff at Madonna Towers who provided such exceptional care for Karen for nearly 12 years.

Online condolences are welcome at [www.mackenfuneralhome.com](http://www.mackenfuneralhome.com)

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Please send obituary articles to the editor at [10milenewsletter@gmail.com](mailto:10milenewsletter@gmail.com) and include pictures if possible. I am pleased to publish pictures or add to obituaries after initial publications. Added details will appear in the obituary archives on: [www.tenmilelake.org](http://www.tenmilelake.org).

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TMLA Newsletter, Summer 2018

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