

No 156 October, 2024

Calendar

Board elects Tweedale BBLA President

President's Letter

At the September BBLA Board of Director's meeting I was elected as the new president of the Big Birch Lake Association. If there is one thing I have learned in my life it is the only thing that remains constant is change.

Our past president, Kevin Costello, after years as president, was ready to take on a different role. Costello was elected as treasurer and Matt Everding was re-elected as vice president.

We are grateful for Kevin decision to stay on the board as his years of experience and talents are needed.

For those of you who do not know me, I have been serving as the BBLA treasurer since 2017. I am the Area J Director, volunteer on the AIS (Aquatic Invasive Species) Committee and enjoy putting out the loon nests every year with the assistance of family and friends.

I have been coming to Big Birch Lake since 1972 when I was invited by Mary Lou Tiemann to her parent's cottage. Like many of you, I fell in love with the lake and the area.

My wife (Mary Lou) and I eventually built our place on the lake and retired here in 2017.

My goal moving forward is to follow and honor our association's mission statement put forth by our predecessors. I will always remember their words and remind others as we move forward with future initiatives.

Last but not least, I and the BBLA Board of Directors will like to thank the numerous volunteers that work so hard in helping to preserve our lake and its surroundings. We would also like to thank all of our members for their support of the BBLA. Without you we could not accomplish so much and keep the lake "healthy" as stated by the recent study from Steve McComas, the Lake Detective.

Craig Tweedale, President



Contributing Sponsors

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ship

Johnson thanks teams who check accesses for invasive plants

By Deb Johnson

Deb Johnson, chair of the AIS Committee, thanks all the plant access teams that checked the BBL accesses for invasive plants this past summer.

The five boat access areas were examined during 29 team visits from June through late September with no invasive plants (AIS) found. They have a couple more checks to go, but that's great news!

The team visits involve a lot of rakethrowing (at least 10 times per visit) and much plant-sorting. Imagine picking through the mass of aquatic vegetation that the doublesided rakes pulled to the surface in Big Birch Lake this past August. It's a labor-intensive, messy job but an important one. Many of these 22 team members have volunteered for this program for seven years. They all deserve our appreciation and thanks.



BBLA Board of Directors

BBLA Financial Report

Big Birch Lake Association e-mail address: bbla@meltel.net

The Big Birch Lake Newsletter is an official publication of the Big Birch Lake Association, Inc. PO Box 342 Grey Eagle, Minnesota 56336

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Mission Statement: The purpose of the Big Birch Lake Association shall be to improve and protect water quality, to advance the propagation and habitat of fish and to protect the welfare of all wildlife in Big Birch Lake and adjacent areas.

Obituaries of lake residents

James "Jim" Matchinsky, age 85, passed away peacefully on July 27, 2024.

Born on May 11, 1939, in Melrose, Minnesota, Jim was a cherished husband, father, grandfather, great-grandfather, and friend. He is survived by his loving wife of 61 years, Rose, his children, Michael (Jill), Ann (Kevin Costello), Wendy (Mark Ell), Karl, Gary (Susan), twelve grandchildren, four great-grandchildren, brother Alan (Karen), and sister-in-law Margaret (Bob). He was preceded in death by parents Frank (Bud) and Helen Matchinsky, brothers Robert and Richard, and sister-in-law Jace.

Jim was an avid entrepreneur and adventurous in all his professional endeavors. After graduating from Melrose High School, he proudly served in the U.S. Army where he was stationed in Germany studying and practicing in the medical field. He was honorably discharged in 1961 and married his high school sweetheart the following year. Careers as a pharmaceutical sales

			Aug 31, 24
AS	SETS		
	Currer	nt Assets	
	Ch	ecking/Savings	
		1006 · Checking -Stearns Bank	2,606.60
		1060 · Certificate of Deposit	129,780.96
		1005 · Checking-CMCU	2,012.45
		1010 · Share Account-CMCU	35.90
		1015 · My Goal Savings	0.00
		1020 · Money Markey-CMCU	55,896.98
	То	tal Checking/Savings	190,332.89
	Otl	ner Current Assets	
		1080 · Initiative Foundation Fund	53,465.55
		1499 · Undeposited Funds	100.00
	То	tal Other Current Assets	53,565.55
	Total Current Assets		243,898.44
	Fixed Assets		
	120	35,300.00	
	Total F	ixed Assets	35,300.00
ТО	TAL AS	SETS	279,198.44
LI/	ABILITIE	S & EQUITY	
	Liabilit	ies	
	Long Term Liabilities		
		2550 · Reserve	
		2551 · Aquatic-Invasive Species	100,000.00
		2552 · Future Buffer Strips	14,495.72
		Total 2550 · Reserve	114,495.72

rep and a restaurant owner covered five states before his move back home to his beloved Melrose. Jim joined Melrose State Bank working in insurance and real estate until his entrepreneurial spirit took over and he and Rose bought the Hardware Hank store and a small hobby farm in Grey Eagle. He was active as a member of the Jaycees, the Chamber of Commerce, St. Mary's choir, and much more. In 1981 Jim packed up the family and moved to Tempe, Arizona to start his final career in wholesale printing as an owner/operator of Business Cards Tomorrow. This evolved into three locations in Arizona, New Mexico, and Colorado, all of which are still in operation today.

Beyond his professional life, Jim loved hunting, fishing, music, and en-

tertaining. He passionately enjoyed all activities surrounding Birch Lake and the mountains of Arizona. There was nothing more important than his family as he looked forward to summers and holidays spent with his grandkids, extended family, and friends. Jim was a devout Catholic, deeply committed to his faith. He was a generous supporter of the Church, charities, and helping those in need. His kindness and philanthropy touched many lives and left a lasting impact on those around him. Jim will be remembered for his remarkable life, filled with love, laughter, and faith. He leaves behind a rich legacy and his spirit will continue to inspire those who knew and loved him. Obituaries continue on page 4

What is the future of Big Birch Lake?

How do we care for this body of water going forward?

Those lazy, hazy days of summer took over September this year. Warm temperatures and almost no rain added a month of summer.

Is that unusual? I would say yes. Those of us who have known this lake more days than we care to admit are not likely to recall such a extension of summer.

So what are we to conclude? Will it be like this going forward? Was this a one season anomaly? As the climate changes are we trending toward a fourth month of summer? I will leave that answer to the scientists. Do read the other stories in this issue from Steve McComas on the condition of the lake.

Sometimes these changes make us nostalgic for the way it was. Just a few

years ago, I would tie a rope to the dock on a beautiful late August day with a north breeze, lower myself onto an air mattress. and float out observing the cloud formations overhead.

With the changes in the water, the ever present filamentous algae, I don't go in the water. I want the lake to be the lake I remember from childhood and from just seven years ago.

With my two feet beneath my chair, and looking at the lake from my second story perch, that is not today's reality.

The photo on this page was loaned to me by Julia and Tom Zaborski. It is the photo side of a postcard one could send to family and friends. To the best of my detective work, I believe the photo is from the 1930s.

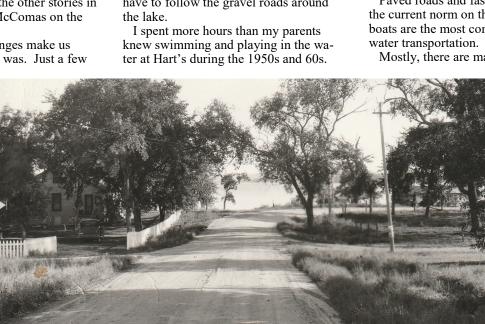
Not many will recognize the scene, but it was the landscape I first observed as a child. The gravel road from Grey Eagle heads south to BBL and makes a sharp right turn. Straight ahead was the cartway to the water, now called the North Shore access owned by Grey Eagle Township. Cartways were developed to

harvest ice from the lake for summer refrigeration.

On the right is the Kutter farm, and at the lakeside on the right was Taylor's Dew Drop Inn, where I now live.

I do not know who owned the cottage on the left at the time, but when I was born, it was owned by Dr. Robert Hart and his wife Angie. He was a dentist in Long Prairie.

The gravel road to the left led to the other cabins on the North Shore. At the time there was no shortcut to the Rock Tavern from Grey Eagle. One would have to follow the gravel roads around



Originally, the cartway was considered the local public swimming beach until another beach owned by the township was created down the shore to the east.

We can look back at pictures from the past and recall how life was different. We herded dairy cows from the night pasture on the right across the road where they followed a lane to the day pasture.

Nearly everyone who wanted to get on the water launched their boats at the North Shore access. It was and is shallow with lots of sand to get stuck in. But remember back then boats were mostly



Kutter's Column

small fishing boats and a few small runabouts. My brothers and I used the farm tractors to pull vehicles out when they got stuck in the sand and could not get up the hill.

Back to today's reality, the Grey Eagle Township has declared the access for non-motorized boats only.

Paved roads and fast moving traffic is the current norm on the roads. Pontoon boats are the most common means of

Mostly, there are many more people

living around the lake than there was 80 years ago. So it is expected that the lake has changed significantly over time.

Will the water quality improve? Will the filamentous algae go away? Will their be less vegetation to get tangled in?

I don't believe anyone knows at this point. We have to wait to understand what the science of lakes reveals.

Until then we can all do our part to keep chemi-

cals, trash, lawn clippings, and unused bait out of the water.

We can't live in nostalgia, but can recall and record how BBL was different in decades past. What have we learned about this body of water that will teach us how to care for it in the future?

The beautiful sunrises and sunsets in early October are once again reminders that heaven seems closer in a house beside the water.

Obituaries continued from page 2

Charles "Chuck" Cebuhar died peacefully in Memory and Hospice Care at the VA in St. Cloud, MN. He was from Edina and formerly from Cedar Rapids, IA.

He was born to Mary and Vincent Cebuhar in Rathbun, Iowa after they immigrated from Italy and Croatia.

After high school, Chuck served in the US Army in Okinawa, Japan in WWII. He received a Purple Heart, the Bronze Start and numerous other awards.

Upon returning from Okinawa, he entered and graduated from the University of Iowa Law School. Chuck began his career with the IRS. He then went into banking; eventually owning with his partners, United State Bank in Cedar Rapids. After retirement he became CEO of the bankrupt Morris Plan. With his perseverance, he transitioned it into First Security Savings and Loan in Cedar Rapids, taking over the leadership of that bank as well. Chuck was very community minded, and served on the board of many organizations.

Chuck was a friend to many, and mentor to family, friends and associates. He was happiest when help others, whether it be planting flowers and trees or working on a special project. He also enjoyed playing Bridge.

In addition to his parents, he was predeceased by his nine siblings and Marlene Cebuhar, the mother of his children.

He is survived by his living wife and soulmate, Mary, and his children. Tony (Joni) and Mary (Tom Peremsky). He is also servived by his bonus children, Tim Lieder, Jon Lieder (Sharla), Bill Lieder (Renee) and Kristin Latuff (Brent). As well as nine bonus grandchildren and eleven bonus great grand children. A family Celebration of Life was held at Big Birch Lake.

Thomas Lee Renard

Thomas Lee Renard, age 88, died peacefully on September 28 in Excelsior, MN. He was buried at St. Josephs Catholic Cemetery in Grey Eagle.

He was born in Green Bay, WI on April 16, 1936. Graduated from West High School in Green Bay, WI and the University of Wisconsin in Madison.

He was commissioned Captain in the US Army. He worked for Johnson & Johnson, President of Foley Belsaw and finished his career at Piper Jaffray.

He spent his boyhood playing football, basketball, track and tennis. He was an Eagle Scout and continued being a scout leader and community volunteer in adulthood.

He enjoyed fishing, bird hunting, and spending time at Big Birch Lake and his North Dakota farm.

He married his high school sweetheart and raised four children in Minnetonka. He was a totally devoted husband and found no greater joy than being with his family. He loved God and country, and he will be missed forever and loved every day/

He is survived by his wife of 66 years, Jeanine Renard, sons Mark (Alicia) Renard, Thomas (Paige) Renard, daughter Jennifer (Hunter) Westbrook, daughter—inlaw Deborah Renard, 11 grandchildren, 4 great grandchildren, brother Jeff, nieces nephews and friends.

He was preceded in death by his parents Winford and Lucille Renard, eldest son, Michael Renard and brother John Renard. Editor's Note: Jeanine Renard served several years on the BBLA Board of Directors.



Steve McComas spoke at the BBLA Annual Meeting in August. He prepared a report on the health of Big Birch Lake. The complete document will be available on the BBLA website at bigbirchlakeassociation.org Photo by Robert Kutter.

Big Birch Shoreland Conditions

By Steve McComas

The shoreland encompasses the shallow nearshore area, the shoreline and the upland area going away from the lakefront. Basically it is the area that lake residents own.

The shoreland area can support a variety of wildlife and helps filter nutrients before they enter the lake when a shoreline buffer of native vegetation is in place. Many of the parcels around Big Birch Lake have excellent native shoreland conditions. However, on the survey around the lake perimeter on July 12, 2024, it was observed some parcels

Adrian Johnson retires from BBLA Board

Adrian Johnson said he watched the board of directors grow and change over the years he served. He appreciates the hard work many put into the love of the lake by keeping it clean, healthy and safe. "There are a lot of talented people involved young and old. Keep it up!"

Transforming a donated building in Grey Eagle into a beautiful office and meeting venue for all of the community use was a highlight of his experience on the board.

Johnson came to the area when he married Arnold Berscheid's daughter, Kay, from the north end of Little Birch Lake. Berscheid developed some lake lots from his farm, and in 1973 we bought the last two remaining lots. Then in 1980, we traded Chuch Hinnekamp as a down payment on his house on Little Birch.

In 1988, as we wanted more of a cabin and not a house, we took a boat ride around Big Birch and saw Rich Hinnen-kamp nailing a for sale sign on a large Birch tree. We fell in love with the white cabin with a wrap-around porch.

After our boat ride, I drove over and we made a deal.

"In 1999 we tore down the cabin and built our year-around Norson designed home. We love it."

Over the years we loved the many resorts and stopping at the Rock Tavern with its many owners.

could improve the natural conditions of their shoreland area by maintaining at least a 15-foot deep buffer over at least 50% of their shoreline.

McComas reported the following about the water quality.

- Lake stratified to about 18 to 24 feet.
 Warm lake water resides on top of colder lake water.
- Dissolved oxygen to support fish is found down to 18 feet (6 meters) in July.
- Phosphorus concentration was measured at 16 ppb in July, 2024 which is low, which is good news.
- Overall, the lake water quality is above average.



Bill Lieder was elected to the BBLA Board of Directors on August 24 at the annual meeting. He is an at-large director and lives on the east shore of the upper bay. Photo by Robert Kutter

Lake holds good variety of aquatic plants

By Steve McComas

Big Birch Lake has a good variety of aquatic and shoreland plants. Examples of several common submerged aquatic plants. In 2004, the MnDNR conducted a plant survey on Big Birch Lake. A total of 22 aquatic and shoreland plants were observed and there are likely more species present if the whole lake was surveyed. Plants are essential for maintaining good water quality and offer terrific wildlife and fish habitat.

Based on available data no obvious pollution sources have been observed in Big Birch Lake but further testing is recommended especially for streams where there may be a question of the quality of incoming water.

Using water quality data, Big Birch Lake is an unimpaired lake based on ecoregion values and is in a protection mode rather than a restoration mode.

Ongoing lake water quality monitoring for nutrients and clarity should be continued. If water quality declines for three years in a row, a more detailed study to find the sources of excessive nutrients would be appropriate.

Zebra mussels will likely produce lake changes and lake monitoring for the three main water quality indicators (clarity, phosphorus, and chlorophyll) will aid in determining the magnitude of lake change.

State of the Lake Summary

By Steve McComas

Shoreland Conditions: Much of the lake shoreland is in excellent natural condition. A meander survey around the perimeter of the lake in 2024 found some parcels could improve natural shoreline buffer conditions with a 15 to 25 foot deep growth of native vegetation along at least 50% of their shoreline.

Water Quality: Water quality as measured by clarity (using a Secchi disc), nutrients (phosphorus), and algae (measured with chlorophyll) are within ranges of unimpacted lakes in the Northern Lakes and Forest ecoregion. The water quality in Big Birch Lake is very good.

Algae and Zooplankton: Typical algae and zooplankton species are found in Big Birch Lake. Although blue-green algae are present (cyanobacteria sometimes develop toxic strains) however their density is low and they are not harmful to pets or swimmers.

Aquatic Plants: A good diversity and at least 22 aquatic and shoreline plants have been identified. This diversity supports excellent water quality and fish habitat. Curlyleaf pondweed, a nonnative plant, is present and is managed on as-needed basis. Eurasian watermilfoil, a non-native species, was not observed in 2024.

Zebra Mussels: The first observation was in 2018. They are past the point of eradication. Their growth will be abundant for a couple of years and then they will likely become food limited and their numbers will decrease.

Fish: Several gamefish species such as walleyes, northern pike, and yellow perch are present in Big Birch Lake at or above regional densities. The 2021 fish surveys found 16 fish species indicating a good diversity as well as good predator -prey interactions.

Lake Protection Projects: Big Birch Lake has good water quality conditions. Expensive restoration projects are not needed at this time. Rather, maintenance projects such as curlyleaf pondweed control, and protection projects such as installing and maintaining shoreland buffer strips are recommended. Lake residents can also help protect lake water quality by implementing good house-keeping projects that include low fertilizer use and enhancing native vegetation in shoreland areas. Ongoing monitoring should also continue.

Editor's Note: McComas presented the above information at the BBLA Annual Meeting this past August.



Filamentous algae was abundant in 2024. This condition is not expected to be a long term problem. Weather conditions in 2024 combined with zebra mussel impacts likely produced the abundant growth in 2024.

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McComas prepares report on status of fishery in BBL

By Steve McComas

This standard survey report summarizes data collected from 15 gill nets that were deployed the week of August 9, 2021. This report is an update from the standard survey report completed in 2018 (LakeFinder, Standard Survey 2018-08-06).

Catch comparisons can be made to previous standard surveys dating back to 1981. All nets are replicated from the previous survey during the same time of year so that valid comparisons can be made. Species targeted include Walleye, Northern Pike and Yellow Perch. Smallmouth Bass can also be effectively caught with gill nets on Big Birch but to a lesser extent.

Walleye is the primary management species, and management objectives are generally accomplished through stocking fry and fingerlings.

Evaluations of stocking success are completed by electrofishing (targeting young-of-year Walleyes in the fall of the year when spring-stocking of fry occurred) and by gill netting when adult fish are targeted 2-4 years after fry or

fingerlings were stocked.

The number and size of juvenile Walleye sampled by electrofishing can often predict the strength of that year class 2-4 years later. At this time, the 2018 year class appears to be fairly strong. These fish were about 13 inches long in 2021 and should be approaching 15 inches by the fall of 2022.

Since 2014, the number of Walleyes seen in surveys has trended upward so it's reasonable to expect fishing to improve. As anglers are aware however, the fish can be there but may not always be willing to bite.

A slight decrease in Northern Pike numbers may be evident. Lower density pike populations can be beneficial to other species in the community. DNR's management objective is for a low density population comprised of good numbers of fish over 26 inches. Generally, we see pike in our gill nets ranging from 15-30 inches in Big Birch, with higher numbers of smaller fish than large.

There is a history of targeted pike sampling which is completed right after spring ice-out using trap nets along the shoreline. This type of targeted survey was completed in March and April of 2021. Noteworthy observations include a reduction in pike measuring over 30 inches from earlier targeted surveys. This was expected following the elimination of protective regulations in 2015.

Other results noted was the sample proportion of pike in the 22-26 inch range which corresponds to the statewide northcentral zone pike regulation implemented in 2018. Over 32% of pike in the 2021 iceout nets were within the 22-26 inch protected slot, the highest percentage observed since 1994. Yellow Perch, a primary prey species for pike and Walleye, have been quite variable in their abundance for the past 20 years in Big Birch. In 2010, we sampled above average numbers of perch, but in 2007 and 2018, we didn't sample a single one. Other years our catches were below average compared to other lakes similar to Big Birch.

The perch population appears less robust than we'd like to see and may be comprised of mostly smaller fish that are not vulnerable to our gill nets. Larger perch (4-7 inches) are not present in consistent numbers helpful in maintaining healthy Northern Pike and Walleye.