



Dedicated to the Preservation, Safety, and Enjoyment of Archibald Lake

Fall 2017

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Please feel free to contact any Board Member (listed on the last page) for articles you would like to see written or ideas you have for improvement.

Archibald Lake website: www.archibaldlake.com

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Calendar of Meetings & Events

Annual Meeting:

Townsend Town Hall
Date: June 23, 2018
Time: Social 9:00AM
Meeting Start 9:30AM

Volunteer Thank You Picnic

Date: July 21, 2018
Place: TBD

Annual Picnic

Date: August 11, 2018
Host: Roger and Marsha Spaude

Welcome to the Fall Issue of the Archi Times by Kevin Springob

Fall is definitely in the air and another summer has come and gone on Archibald Lake. Hopefully you all had many opportunities to enjoy time on the lake. Our fight against aquatic invasive species continues to go well and although Eurasian watermilfoil continues to have a presence in Archibald Lake the distribution and abundance is minimal. The June 2017 survey performed by Onterra identified one location and throughout the summer volunteers identified a couple other locations. Our goal for management is to keep the population at a minimum by manually removing small patches and hopefully avoid herbicide treatments. The last time that Eurasian watermilfoil was chemically treated was June of 2014.

I want to thank all of you who supported our various fundraising events. Your purchase of raffle tickets, apparel, calendars and patronage at the brat fry events help us fund lake ecology projects for the betterment of Archibald Lake. Many of you also opted to add a donation along with your membership form this past spring and the board is grateful for your generosity, thank you.

I also want to thank all of you who volunteered this year. Your efforts have greatly helped the Association to continue to protect and preserve Archibald Lake. Thanks to your efforts, our Lake Management Plan will be completed with no out of pocket cost to the Association. The total estimated cost of the project is \$39,000 with the DNR covering 75% of the cost and our volunteer hours covering the remaining 25%. The plan should be finalized sometime this winter and the results will be presented at the 2018 annual meeting. There is always a need for more volunteers and I ask that you all consider helping out in any way that you can. In 2018 we are in need of a new leader for the Adopt a Shoreline program, at least one new board member, and many other people to help out with the various programs. An article with more details about volunteer opportunities can be found in this edition of the Archi Times.

I hope you enjoy reading the fall edition of the Archi Times. As always, if you have suggestions for articles please let us know.

2017-18 Officers

President: Kevin Springob

Secretary: Karla Doyle

Vice President: Tim McGuire

Treasurer: Brian Michels

Annual Meeting Highlights: June 24, 2017 (pending adoption) by Karla Doyle

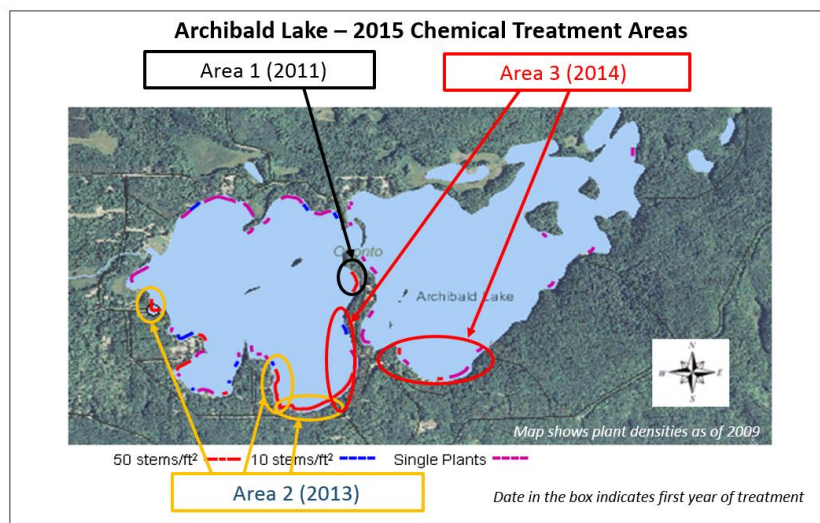
- Budget report: Treasurer Gary Miller emphasized that the grants we receive have paid for most of the projects we have done to keep our lake healthy. Grants are made possible by the much appreciated volunteer hours it takes to be qualified.
- Clean Boats, Clean Waters: Norm Faulstich and Tom Wilke gave an overview of what it takes to volunteer at the boat landing. We are always looking for more volunteers.
- Flowering rush: Steve Fleming gave an overview of the results we are seeing around the lake due to the grants we have received.
- The proposed Constitution changes were approved. (See the website for the revised version.)
- Kevin Springob and Tom Wilke were reelected for another 3 years term on the board. Gary Miller retired from the board. THANK YOU, Gary, for your contributions over the years.

A complete copy of the Annual Meeting minutes is posted on our Association website.

Flowering Rush by Steve Fleming

2016 marked the end of the flowering rush 'Research and Control Grant' that was awarded to the Archibald Lake Association in 2010 by the Wisconsin DNR. The grant gave \$42,790 to the Association for the research and treatment of Flowering Rush in the Lake. The Association provided 890 hours of donated labor in order to receive the full amount of the grant. The following is a short summary of events and results.

In 2011 we started by chemically treating two areas with two chemicals. No treatment was done in 2012 to allow us to collect data. Starting in 2013 we treated with only one chemical. Each year going forward to 2016, we expanded the treatment areas. In parallel to our work there was also work being done in Minneapolis by Dr. John Madsen. He found that it would take at least 3 years of repeat treatment in order to totally kill flowering rush. Our results show a 95% reduction in flowering rush leaf counts for those areas treated 3 or more years. For those areas treated less than three years we saw a 69% reduction in leaf count. The areas treated are shown in the lake map below



Probably the best way to show the results is by showing a before and after picture. The following two pictures show 'Area 1' before and after treatment.

Archibald Lake – 2011 Before Any Treatment



One concern anytime you use chemicals in a lake is whether there will be an impact on native plants. Our results were inconclusive regarding native plant impact. Some plants increased in abundance, others decreased, and some stayed the same.

All future flowering rush work will be included in the Archibald Lake Management Plan under development. I would strongly suggest that people learn to identify flowering rush and if you see plants growing on your shoreline. They are pretty easy to remove by just working your hands into the soil under the plant and carefully pulling them out. Removing the plants early can really help stop it from spreading.

If you would like more information there is a significantly more detailed report posted on the Archibald Lake Website at www.archibaldlake.com. The link to the article is on the front page. If you have any questions please give me a call at 262.993.4228

Fish Stocking by Chip Long, WDNR Fish Biologist

On 9/14/2017, WDNR staff & members of the Archibald Lake Association scatter planted 599 Great Lakes Spotted Musky (GLSM) that were raised at Wild Rose Fish Hatchery. The 2017 yearling GLSM averaged 17.0 inches when they were stocked. Fish were loaded into large holding tanks at the boat landing and randomly planted around both lobes of the lake. WDNR fisheries staff conducted a fall walleye and musky assessment on 10/16/2017 and collected 9 of the GLSM stocked the previous month. These fish grew, on average, 0.7 inches in 1 month.

Below is a stocking table of GLSM for Archibald Lake.

YEAR	AGE CLASS	NUMBER FISH STOCKED	AVG FISH LENGTH (INCHES)
2009	Yearling	566	9
2010	Yearling	107	10.8
2013	Fall Yearling	272	13.3
2015	Fall Yearling	1176	13.6
2016	Fall Yearling	400	13.9
2017	Yearling	599	17

WDNR will not be able to acquire GLSM from Michigan DNR to raise and stock in 2018. A comprehensive fisheries survey is scheduled for Archibald Lake in 2019. This survey will allow us to assess the status of the GLSM and hopefully collect eggs for WDNR's Wild Rose Fish Hatchery.

Celebrating Volunteers by Karla Doyle

Volunteers are the back bone of the Archibald Lake Association. We currently have 150 members of the association and a little over half of us being active volunteers. This doesn't even count the folks who aren't a part of formal committees and donate time and/or money. Just paying yearly membership dues is a form of volunteering as every dollar goes to the health of our lake and the surrounding shore land. For this I say THANK YOU!!!

This year we have added a role to the Board of Directors called "Volunteer Coordinator". We felt like support of our volunteers is so important that we wanted everyone to have a direct contact. I will be acting as that Volunteer Coordinator. Committee leads, you will be hearing from me in the near future to get started on further defining what that means and where support is needed.

In 2018 Kevin Springob will be stepping down as coordinator for Adopt A Shoreline. We are in need of either a current member of this committee to step up to be the coordinator or anyone looking for the coordinator experience to let me know. Here is some background Kevin provided on what is involved with this committee:

Adopt A Shoreline

Adopt a Shoreline is an important volunteer program that involves surveying the lake for the presence of invasive species. The purpose of the program is to identify invasive species and track their locations on Archibald Lake. This program has been an integral part of our management of aquatic invasive species. In order for this program to continue, we are in need of a new coordinator. The work consists of coordinating with volunteers at the beginning of the season to determine where they will monitor and following up at the end of the season to collect information on where and when volunteers monitored. If Adopt a Shoreline volunteers find an aquatic invasive species, they will contact the coordinator to document the location. Training will be provided and there will be plenty of support and resources to help out the new coordinator.

Raffle Prizes/Baskets

Tim McGuire is stepping down as co-coordinator of the Raffle Prizes/Baskets committee. Thank you to Paula Schwebke for agreeing to fly solo on this as Tim and Paula have partnered this initiative for the last two years!

Donations in the form of money, items or full baskets are always needed. Paula does shop and create baskets to get to the adequate number to use at the Annual Picnic and Fall Dinner. She will need volunteers to help put the baskets together. If you have not already signed up to help put these together and would like to, please let me know. More to come on this in spring once Paula and I connect on needs and timing.

We would like to thank Kevin and Tim for all of the work they have done with these committees!

Other formal volunteer groups that can always use help are as follows:

Eurasian Water Milfoil Manual Removal (Norm Faulstich Coordinator) – Training is provided on how to properly remove EWM so it doesn't return or expand. This can be done on your own when you have

time.

Lake Ecology Team (Tim McGuire Coordinator)

Clean Boats (Norma Faulstich and Tom Wilke Coordinators) – Help at the boat landing inspecting and educating boaters coming on to our lake on the importance of having a clean boat.

Brat Fry's (Tim Counihan Coordinator) – Held at the Lakewood SuperValu.

Water Quality Testing (Tim Counihan; Richard Dvorak Coordinator)

Loon Watch (Betsy Vosters; Sharon Ruck Coordinator)

Summer Picnic (Kathy Wiggins; Betsy Nock Coordinators) – Planning all aspects of the Volunteer and Annual Picnics.

Archibald Lake is known as a premier Wisconsin lake and this is due to every hour and dollar of volunteering that is given by each of you. If you aren't already on a formal committee please consider joining. It is a lot of fun and you will have direct visibility to the impact it is making.

Thank you.

Membership by Betsy Nock

This year we are delighted to announce that we have 159 memberships for the Archibald Lake Association. This is a record for us and we thank all of you who joined, re-joined and renewed.

New members include:

Vic and Brenda Houfek	Scott and Katrina Mashlan	Arlen and Dawn Pierce
Scott and Mary Jo Tracey	Tom and Lisa Braun	

Also, please welcome back the following returning members:

Jim and Vickie Longley	Rhonda and Dave Oldenberg	Peter Orr
Susan and Evan Summers	Dick Wilson	

Social Events by Betsy Nock and Kathy Wiggins

The Archibald Lake Association sponsored three social events this year.

The **Annual Volunteer Picnic** was held in July and we had 30+ people attend. The weather started iffy and ended with a downpour but it did not dampen the spirits of those attending. Tim McGuire was the Volunteer of the Year for his work with the Lake Ecology Committee and especially his work with the rock reefs.

The **Annual Association Picnic** was held in August at the home of Roger and Marsha Spaude. Special thanks to those who volunteered their time in making it a success for the 140 people who attended. Larry Market coordinated the pickup, delivery and take down of the tables and chairs. Chuck and Sharon Ruck organized and worked the food lines. Kathy Wiggins and Nancy Wilke did the food shopping and Karla Doyle was in charge of the meat pickup, grilling and transporting the finished products back to the picnic area. Other volunteers include Bill and Pam Ciske, Dick and Joanne Boyer, Mark Hesselink, Cathy Lindeman, Karen Gonnering along with, Larry and Sue Market and Roger and Marsha Spaude. The Families Miller were instrumental in our quick takedown. Ken Schwebke and

family did garbage duty. Ken and Paula Schwebke and Tim McGuire were instrumental in the Raffle.

Fall Dinner: This event was different this year in that the emphasis was on the dinner and raffle, rather than on golfing. Several foursomes played on their own before the dinner, but most people attended just the dinner. About 50 people attended and we enjoyed a delicious buffet of chicken, ribs and shrimp. In addition to the usual ticket raffle, we had a cash raffle, both of which were very successful. Thanks to Tim McGuire, Paula and Ken Schwebke for chairing this event. Fun was had by all.

Fund Raising Update 2017

SUPERVALU Brat Fry Sales: by *Tim Counihan*

We had another successful year as members of the Lake Association staffed the brat and burger stand at the Lakewood SUPERVALU. We raised a total of \$978.00!

A big thank you to our cooks and servers: Dick Boyer, Karen and Mike Gonnering, Cathy Lindeman, and Kim Counihan.

Thanks to Dave at the SUPERVALU for his support of organizations in the area.

Boat Landing: by *Tim Counihan*

The donation box at the boat landing gave us an additional \$377.00. Thank you, CB,CW volunteers, for reminding everyone as they launched that the box is there.

Raffles:

The Raffles could not be a success without the generous donations by our membership families. Below is a list of items donated as well as the people who have made that donation. Please accept our apologies if we missed anyone.

Pineapple Basket \$60 Gift Card to Big Easel	Cathy Lindeman and ALA Cathy Lindeman
Lime A Rita Basket Leisure for the Woman Basket	Richard and Lisa Dvorak
Lake Survey Framed Print	Kathy Wiggins and Matt Marty
2-\$50 Cabella Gift Cards	Steve and Karen Fleming
Traveling Goodies & Just Plane Fun Baskets	Susy Nock and Greg Dyer
You Don't Have to Be Irish to Have Smiling Eyes Basket	Greg Dyer
Wine and Chocolate Basket	Susy Nock
Always Stay Hydrated Basket Fall is Coming Basket	Nock family
Just Bee-Cause Basket	Peggy Sanders
Archibald Photo Collage	Tom and Barbara Pickthall
Ready Set Go Basket	Dick and Joanne Boyer; Betsy Nock
One night stay at Carter Casino motel	Potawatomi Nation
Ah Chi Wah Wah Basket	Ken and Paula Schwebke
2 Archibald Lake Framed Pictures	Roger and Marsha Spaude
Fireworks \$75 Package	Tim and Lynn McGuire
Go Pack Go Basket	Anna Mae Schiefen and ALA
Loon Picture	Gary and Yvonne Miller

Back to School Basket	Randy Orth and Tonya Herman
Gladiola Flowers	Lee and Pat Hribar
Wipe Your Paws and Deer Ceramics	Larry and Sue Market/Shelly Hoffman
Fish Scaling Tools	Joe Harrison
Scratch-Off Lotto Cards	Randy Orth and Tonya Herman
Archibald Eagle Basket	Randy Orth and Tonya Herman
\$50 Gift Card	Mighty Fine Sports
Razzle Dazzle Basket	Mike and Karen Gonnering
Apple Basket	Mark and Barb Hesselink
\$50 Gift Certificate for Lakewood Supervalu	Wendell and Patti Schreurs
2 Golf Prints	Ray and Anna Mae Scheifen
Goose Wildlife Print	(We have misplaced the name of the donor. Please let me know so we can properly acknowledge it.)

Apparel Sale:

The apparel sale is just wrapping up and has been very successful, thanks to all of you who bought items. Our profit is \$2,164.44 which will go into our Lake Ecology fund. Thank you, Cathy Lindeman and Karen Gonnering for putting this fundraiser together.

2018 Calendar Sale:

The 2018 Archibald Lake Calendar is in the process of being created. We are still in need of some winter and spring photos. If you have HORIZONTAL pictures, or other photos that you love, please send them to Betsy Nock by October 29, 2017 (eanock@granitewave.com). This is the final deadline.

This year we plan on making one order early in November and sending them out near Deer Hunting season. If you have not done so, and plan on ordering calendars, please do so by November 1. The price of the calendars will be between \$15 .00 and \$17.00 depending on the quantity ordered. Invoices will be mailed along with the packages. Orders after November 1 will include an additional \$1 charge.

This is an Archibald Lake Association fund-raiser for the Lake Ecology fund. We are hoping to have special pick up spots in Appleton and Green Bay. Money that we can save on postage will go directly to that fund.

Once again, we thank Cranberry Ice Photos in Houston for helping in photo selections for our calendar.

***Oak Wilt* by Rich Lietz, Wisconsin DNR Forester-Ranger**

Oak wilt is a disease that kills oak trees and is relatively new to the Oconto and Marinette counties. The goal of this article is to educate you and your neighbors about oak wilt and offer information you can implement to reduce the spread this devastating disease.

What causes oak wilt?

A fungus which invades areas inside the tree where water moves. Once infected, balloon-like bumps called tyloses form which restricts the path of water through the tree. As water movement inside the tree is slowed, the leaves wilt and drop off the tree.

Where is oak wilt found?

Throughout Wisconsin, although it is less common in some far northern counties.

What trees can get oak wilt?

The red oak group (black, northern red, northern pin and others with pointed leaf edges) are the most susceptible and are typical of the oaks in Oconto and Marinette Counties. Oaks in the white oak group (white, swamp white, burr and others with rounded leaf edges) are less susceptible.

What are the symptoms of oak wilt?

An infected tree usually begins with single branches of leaves wilting and turning tan or brown starting at the outer margins. This rapidly progresses to all of the leaves wilting and dropping. Your oak tree may look healthy one day and within a few days completely drop all of its leaves. Wilting usually occurs early July through late August.

Other insects or diseases may display similar symptoms so it can be difficult to tell if an oak tree has oak wilt just by looking at it. If you think your tree may have oak wilt contact your local DNR Forester.

How does oak wilt spread?

- Underground – Most oak wilt moves from diseased trees to healthy trees through roots that have become interconnected (root grafts).
- Above ground – Oak wilt can also spread above ground by sap-feeding beetles that are attracted to wounds on your tree usually created by pruning or storm damage. In the spring, fungal mats (small masses of fungus) develop under the bark of some trees that have died from oak wilt the year before. These mats force the bark to crack open. The fungus produces a sweet odor that attracts sap-feeding beetles to the mats. The beetles then fly to healthy oaks to feed on sap flowing from fresh wounds, carrying the fungus on them and thus infecting healthy trees.
- Moving firewood or logs from infected trees - The fungal mats live underneath the bark of firewood and go unnoticed.
DO NOT TRANSPORT INFECTED FIREWOOD.

Oak wilt prevention:

In residential areas, oak trees are most susceptible to infection in the springtime from when bud swelling begins until two or three weeks past full leaf development. The DNR recommends that you avoid pruning, cutting or wounding oaks from April through July. In some years, spring comes much earlier. If daytime temps begin to reach 50 degrees, stop pruning oaks even if it's still the middle of March.

Management:

If healthy looking oaks are near an infected tree, removing the infected tree will not control the spread. In fact, the healthy looking oaks may already be infected.

The best control measure is to create a root graft barrier to disconnect the shared root systems. This can be done by physically cutting the root grafts with a cable plow or trencher or by treating the cut stump of the tree with herbicide.

Contact your local DNR forester for recommendations on how to create a successful root graft barrier.

Sympathy by Kathy Wiggins

Don Liebmann: Don passed away May 10, 2017. The Liebmanns purchased their cabin in December of 2009. At the lake, Don enjoyed fishing, especially by the islands in the front of the cabin, boating and being with family. He is survived by his wife, Peg, daughters Megan and Melissa and their families.

Arlene Kempen: A longtime resident of Archibald Lake, Arlene passed away June 24, 2017.

The Archibald Lake Association would like to be informed of the passing of any members. Please notify Kathy Wiggins, or any board member, so that we may properly acknowledge it.

Meet a New Board Member

Tom Wilke: I was a dinosaur for 30 years (I owned my own pharmacy). I am now retired and am doing things that I couldn't before. Being a part of a group of people who are passionate in the welfare of Lake Archibald is one of these things. I have served on two other boards in the past. The first was for a credit union (boring) and the second was for the Southeastern Wisconsin chapter of the Juvenile Diabetes Research Foundation. I'm very proud to be able to say that I biked 12 century rides in Death Valley as a way to raise research money for this cause. I truly hope I can add something to your energetic and caring Lake Association board.

ALA Board Members

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