



# Ann Lake Water Log

NEWSLETTER

SUMMER 2020

## NOTICE:

**Annual Meeting canceled due to Covid19 restrictions**  
*(details within)*

## President's Letter by Sven Anderson

2020 is an unusual year. The Pandemic has affected us all and will continue to do so. The ALPOA Board ( as well as the state of Michigan) feels that our formal meeting should be canceled this year in the interest of our members. The election of officers is unnecessary since all of our existing officers have agreed to stay on for 1 more year. Hopefully 2021 will allow us to convene.

## BOARD OF DIRECTORS

### THE 2020 BOARD:

**Sven Anderson, *President***

**Kent Taylor, *Vice President***

**Kathy Garmes Taylor,**  
*Treasurer*

**Maggie Sowers, *Secretary***

### AT-LARGE

### BOARD MEMBERS:

Dave Maxson

Julee Parker

Susan Sharp

Terry Sowers



Another oddity is our unusually high lake level. Although we cannot control the weather, and thus the level of our lake, we can control the impact that high water has on our shoreline. There are many shoreline stabilization techniques available from the internet. Warning: depending on the technique, a permit from the DNR may be required. We have been advocating the establishment of a greenbelt for years. This is an effective erosion prevention while being environmentally friendly and requires no permit. ALPOA so strongly embraces this practice that we have started awarding a "Greenbelt of the Year" to the most deserving shoreline. Look for that announcement elsewhere in this newsletter. The water level should moderate as summer continues, but a greenbelt is effective year round. Extra benefit: it keeps the geese off your lawn!

Please peruse the following pages for updates on the various activities and goals of our association.

## Loon Report *by Kathy Garmes Taylor*



The loon nest was launched on May 15. As of the writing of this newsletter the loons have not yet begun nesting; the latest they have begun nesting is the first week of June. KEEP YOUR FINGERS CROSSED!

## Invasive Species Committee Report

### Invasive Species Committee Report—June Newsletter 2020

Committee Chair: Kent Taylor

The current epidemic has put a crimp in a lot of committees work but this committee has a couple of advantages compared to others: it does most of its work outside, and our seasoned membership can operate largely from muscle memory if our tasks remain the same. That said, this year will be different than the past 10 years for this committee. Face-to-face meetings and activities requiring personal participation will be severely limited. With Lake Ann Days canceled, that is no longer on our agenda. Our spring weed survey for Curly Leaf Pondweed can proceed but with only one family participating in each boat. We do expect PLM to conduct their annual weed survey. Your donations to the Lake Preservation Fund which supports PLM's work will pay \$400 of the \$625 ALPOA has obligated to this annual survey in shared cooperation with the township.

The Committee will conference remotely, of course, and will use such occasions to survey and plan for shoreline interventions. As we have recently, we will encourage similar familial groups later this fall to participate in the uprooting of Purple Loosestrife and other invasive shoreline plants that we will discover.

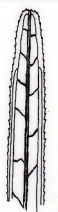
We begin this annual mission by first conducting a close-to-shore kayak survey by committee members. We then notify owners of the presence of any such plants we have spotted on their property, along with an encouragement to uproot those plants themselves or allow us to do so on their behalf. Such activities can easily proceed as usual while maintaining social distancing protocols. Of course Riparian involvement is always key to finding and eradicating invasive aquatic and shoreline plants. Please keep an eye out for Curly Leaf Pondweed in the shallow waters in the spring, and for Purple Loosestrife on the shorelines and marshes in August. If spotted please contact [Kent@annlake.org](mailto:Kent@annlake.org). Thank you all for your continuing support of the work of this committee.

### Curly Leaf Pondweed *Potamogeton crispus*

Illustrative view of Curly Leaf Pondweed  
Note: Wavy leaves resemble lasagna noodles



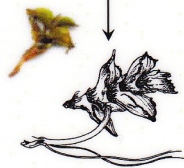
#### Curly Leaf Pondweed Single Leaf



2x

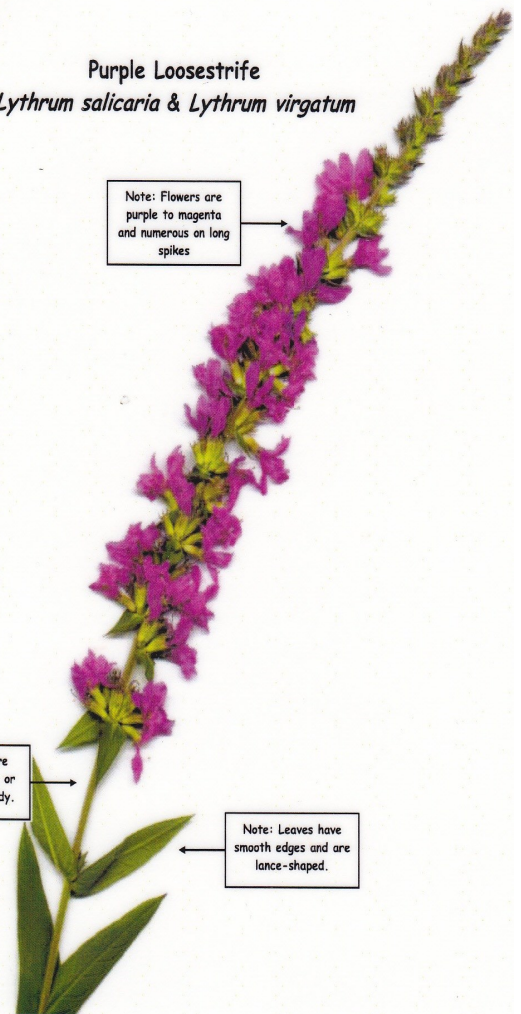
Note: Margins of leaf are serrated (finely-toothed)

Winter buds ("turions") resemble small brown pine cones  
Actual size 4-5 cm



### Purple Loosestrife *Lythrum salicaria* & *Lythrum virgatum*

Note: Flowers are purple to magenta and numerous on long spikes



Note: Stems are square, 5-sided, or 6-sided and woody.

Note: Leaves have smooth edges and are lance-shaped.

## Membership *by Dave Maxson*

As we go to "press", we have 64 members so far for 2020. By the end of last year, we had 85, so I'm hoping that there are still some of you out there who "just haven't gotten 'round to it yet."

If you're a new resident, or just not been a member before, I encourage you to consider supporting ALPOA with your membership. Our mission is to protect the value of the asset that we all share; namely, the quality of our lake. The information found in the pages of this newsletter will give you an understanding of all that's accomplished by your neighbors who volunteer to serve. And the dues are only \$30 per year! You will find a membership form at the end of this news letter.

My goal is to attain membership from at least 50% of the lakefront properties. What?!? Only 50%? Yes, it's true that less than 50% of the property owners support this association with a nominal membership dues payment. We can do better than that!

# Water Quality Report *by Sven Anderson and Dave Maxson*

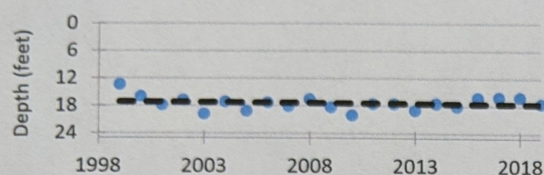
Site ID: 100082

## Ann Lake, Benzie County 2019 CLMP Results



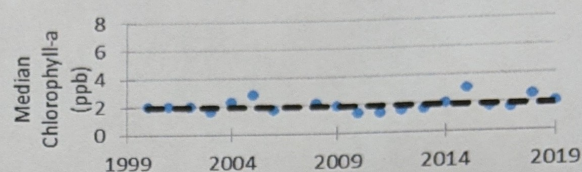
### Secchi Disk Transparency (feet)

Year	# Readings	Min	Max	Average	Std. Dev	Carlson TSI
2019	17	12.5	23.0	17.5	2.9	36
2014-2018	88	11.5	29.0	17.5	3.6	36
1999-2013	251	7.0	31.5	17.6	5.3	36
2019 All CLMP Lakes	3392	1.5	50.0	12.8	5.8	42



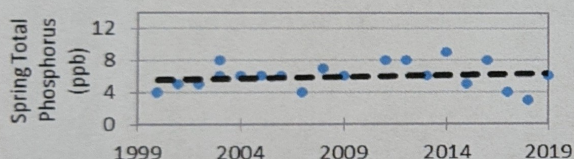
### Chlorophyll-a (parts per billion)

Year	# Samples	Min	Max	Median	Std. Dev	Carlson TSI
2019	5	1.8	2.3	2.0	0.2	37
2014-2018	25	<1.0	3.8	2.0	0.7	37
2000-2013	67	<1.0	3.0	2.0	0.6	37
2019 All CLMP Lakes	635	< 1.0	42.0	2.2	3.4	39



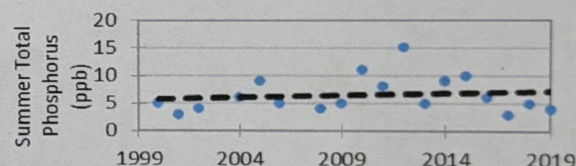
### Spring Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev	Carlson TSI
2019	1	6.0	6.0	6.0	NA	
2014-2018	5	<=3 W	9.0	5.8	2.6	
2000-2013	15	<5 T	8.0	5.9	1.4	
2019 All CLMP Lakes	220	<= 3	100.0	14.9	11.0	



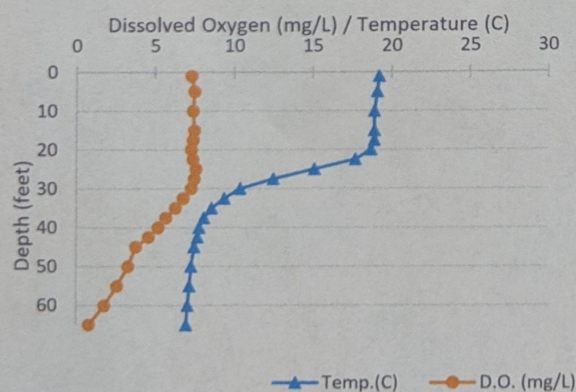
### Summer Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev	Carlson TSI
2019	1	<5 T	<5 T	<5 T	NA	<27
2014-2018	5	<=3 W	10.0	6.6	2.9	30
2000-2013	12	<=3 W	15.0	6.7	3.5	30
2019 All CLMP Lakes	281	<= 3	65.0	12.8	9.3	38



### Dissolved Oxygen and Temperature Profile

9/9/2019



### Summary

Average TSI	2019	2014-2018	1999-2013
Ann Lake	33	35	34
All CLMP Lakes	40	40	41

With an average TSI score of 33 based on 2019 Secchi transparency, chlorophyll-a, and summer total phosphorus data, this lake is rated as an oligotrophic lake.

The low level of nutrients in the lake results in dissolved oxygen being available throughout the water column for the most of the summer, and only by the end of the summer does the bottom of the lake become anoxic.

Long term trends indicate that the trophic status parameters have not changed beyond minor year-to year variation since monitoring began.

\* = No sample received W= Value is less than the detection limit (<3 ppb) T= Value reported is less than the reporting limit (5 ppb).

<1.0 = Chlorophyll-a: Sample value is less than limit of quantification (<1 ppb).

## GREENBELT OF THE YEAR AWARD

We, the Board, encourage property owners to promote a belt of vegetation at the water's edge: i.e., a greenbelt. There are several benefits. It deters run-off, from the lawn into the water, of phosphorus from animal waste, fertilizers, etc. It also protects the shoreline from erosion due to high water levels and boating activity. And if that doesn't impress you, the geese won't cross it to feed and defecate on your lawn!

To "reward" good examples, each year we choose a Greenbelt of the Year. We are pleased to announce that the winner for 2020 is Dan Gehling. Congratulations, and thank you, Dan! Dan's exemplary property is at 19544 Pleasant View Rd. Check it out!



## Treasurers Report by Kathy Garmes Taylor

The 2019 books successfully passed an audit, completed by Dave Maxson, in January 2020. We had \$4,245.77 in income and \$2,547.47 in expenses. We ended the year with the following:

- Operating balance of \$5,358.84
- \$11,446.53 in reserve for legal, web and invasive species.

The Invasive Species Reserve is money that has been dedicated for treatment the first spring after an invasive plant is found in Ann Lake. The fund ended the year with \$10,598.81; up nearly 6% since its creation three years ago. \$10,000 was invested in a CD which expires May 29<sup>th</sup> earning \$306.23. Since any treatment for an invasive will occur during the next spring growing season, we are currently shopping for a 12-month CD for this fund. We are not accepting any additional donations to this fund but will continue to invest it very conservatively.

The Lake Management Fund – Lake Ann is an open fund that is being used for yearly invasive plant detection and management. Almira Township is contracted with PLM to have Ann Lake professionally monitored for 5 years; this started in 2018. The cost for this monitoring is shared with ALPOA; the funds coming from the Lake Management Fund. We ended 2019 with \$50 in this fund after it paid for our entire weed management bill last year. Donations continue to be accepted for this fund.

## EVENTS *by Maggie Sowers*

Many of the Lake Ann Independence Day traditions have been canceled due to the Pandemic, however the Boat Parade has not! It will take place on Saturday, July 4 at 1:00 PM. As always we will decorate our boats in honor of the 4th, and then gather over the sand bar at the north end of the lake. We will follow the lead boat and navigate around the perimeter in counter-clockwise direction. Honk your horns, sing and celebrate our great country. This wonderful tradition, common for so many of Michigan's inland lakes residents, respects all the rules of social distancing. Be a part of the fun and join us as we commemorate our homeland.

At the time of the Board's most recent (May) meeting, the Governor's stay at home orders had been extended to June 12 and gatherings of more than 10 people forbidden. Civil authorities continue to encourage that we practice social

distancing and wearing masks when indoors. We do not know when these restrictions and directives will be lifted. For that reason the ALPOA Board has voted unanimously to cancel our 2020 Annual Meeting. It is with the best interest of our members well being that we made this decision. The current board members have generously volunteered to extend their terms for one additional year, thus eliminating the need for an election. The work of many committees continues, so if you are interested in volunteering please contact our president Sven Anderson.

The Paddle Pedal Paddle Row, The Summer Swan Song Soiree, and the Pub Crawl have been suspended indefinitely. Participation in these events has diminished over the years and the ALPOA Board has decided it is time to say good bye to all three.

Just for fun look on the ALPOA Website for the Scavenger Hunt photos from the 2019 Paddle Pedal Paddle Row. When friends, family or the grandchildren are visiting try to locate the places photographed in the scavenger hunt. Other activity suggestions may appear from time to time. Stay tuned. Every day new and exciting things are being added. This is the best way to communicate with our members about ongoing projects and possible gatherings, when it is once again safe to get together. Meanwhile be sure to check in on your neighbors and, in times of need, give a helping hand. We will get through this Pandemic together.



# ANN LAKE PROPERTY OWNERS ASSOCIATION



## Annual Membership Application Jan. 1 to Dec. 31

*Thank you for your continued support! Dues and donations are not tax deductible. ALPOA is a 501c4 non-profit corporation but not deemed a "charitable" organization by IRS definition.*

*Your contributions are used to protect the quality of our lake and protect the value of our properties for the mutual benefit of all property owners.*

*If you are not a member or have already renewed, you can still donate to the Lake Preservation Fund. Please use this membership application when sending in your donation. Enter your donation amount on the Lake Preservation Fund line. We would also appreciate if you filled in your name and your winter, summer and email addresses. If you are not a member, we would like feedback if you are willing to tell us why not and what we might be able to do to convince you otherwise.*

2020 Yearly Membership Dues	\$_____ \$30.00	___New ___Renewal
2021 Yearly Membership Dues	\$_____ \$30.00	
2022 Yearly Membership Dues	\$_____ \$30.00	
Michigan Riparian Magazine	\$_____ \$14 donation per year required	
<b>Lake Preservation Fund</b>	<b>\$_____</b>	
Additional Donation	\$_____	
Total Amount Paid	\$_____	For calendar year 20_____

Please Print Information:

Owners Name/s: \_\_\_\_\_

Home Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Lake Phone \_\_\_\_\_

Summer Address: \_\_\_\_\_ Lake Ann, MI 49650

E-Mail Address: \_\_\_\_\_

I would like my Newsletter first class mailed to me: Yes \_\_\_ No\_\_\_ It will be emailed

I would like to volunteer to ALPOA: Yes \_\_\_ Committee: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mail form and check to: ALPOA P.O. Box 184 Lake Ann, MI 49650

Or go to website "Membership Application" pay online via PayPal and email form to [kathy@annlake.org](mailto:kathy@annlake.org)