

ANN LAKE WATER LOG

A Newsletter of the Ann Lake Property Owners' Association (ALPOA) – June 2018

2018 ALPOA

BOARD MEMBERS

PRESIDENT:

DAVE MAXSON

VICE PRESIDENT:

KENT TAYLOR

SECRETARY:

MAGGIE SOWERS

TREASURER:

KATHY GARMES TAYLOR

DIRECTORS:

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TERRY DORGAN

JULEE PARKER

Notes from the President

GUEST SPEAKER FOR ANNUAL MEETING, JUNE 30

Friends,

The annual meeting of members will be June 30, at noon, in the old town hall in the village. I'm pleased to announce that we have a special guest speaker for the meeting this year, who will be discussing a timely subject which should be of interest to all lake property owners. Bear with me.

Elsewhere in this newsletter there is a report from the Invasive Species Committee. Briefly, for the past couple years the primary focus of that committee has been on the risk of invasive aquatic vegetation, especially Eurasian Watermilfoil (EWM). Once EWM is introduced to a lake, it spreads rapidly and will literally fill areas of the lake with vegetation to the point that navigation is virtually impossible. EWM has been found as nearby as Green Lake, Interlochen. Remediation is expensive! Early detection is prudent, and effective in minimizing the cost.

Your ALPOA Board is pleased that Almira Township officials have recognized the threat of EWM to property values, and agreed to collaborate with residents of both Ann and Pearl Lakes, to engage professionals to monitor and detect such invasives, and promptly remediate if/when detected.

THE MEETING WILL AFFORD ALL PROPERTY OWNERS AN OPPORTUNITY TO LEARN MORE ABOUT THIS RISK, AND THE PLAN. The guest speaker will be BreAnne Grabill, Environmental Scientist, with PLM Lake and Land Management. Township Trustee, Matt Therrien will also be present, to represent the township's perspective and interest in the issue. There will be opportunity for Q&A.

Please join us for lunch. Pulled pork sandwiches and tableware will be provided. Bring a dish to pass. And you're welcome even if you haven't already paid dues. We hope you'll appreciate the benefit of these efforts, to all property owners, and perhaps consider becoming a member.

Dave Maxson, President
Ann Lake Property Owners Association

INSIDE THIS EDITION...

TREASURER'S REPORT	--2
LOON REPORT	-----2
MEMBERSHIP REPORT	---2
INVASIVE COMMITTEE	
REPORT	-----3
NONAQUATIC INVASIVE	
PLANTS	-----4
WATER QUALITY	-----4
ALPOA EVENTS	-----6
PPPR REGISTRATION	
FORM	-----7
ALPOA MEMBERSHIP	
FORM	-----8

Treasurers Report

Kathy Garmes Taylor - Treasurer

The Treasurer's report can now be found on the website at www.annlake.org. The budget, along with a column showing running expenses, will be updated on a monthly basis. The 2017 books were successfully audited.

Loon Update

Kathy Garmes Taylor - Loon Ranger

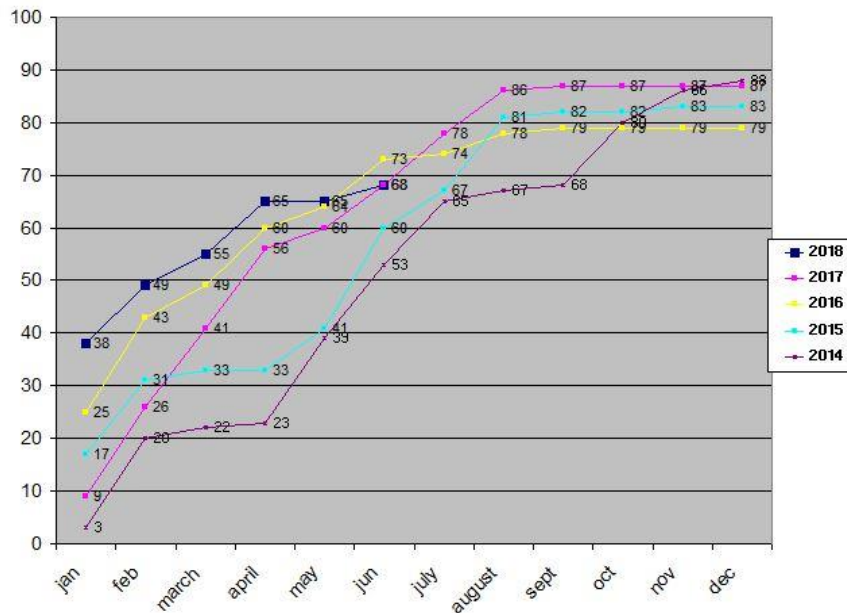
On May 15, we launched the artificial nesting platform and positioned the buoys. The loons showed up on and off again for the next week, but we were concerned that the nest was sitting low in the water and that it looked like it had taken on water. On the 23rd, we added some floatation devices. On the 25th, the loons began their nesting. If all goes well, we should have chicks by the end of June. This would be 2 weeks later than last year. Please **STAY CLEAR OF THE NESTING AREA**. Remember, they are endangered, please keep 300q away. Jet skiers and boaters, please **be alert!**



Membership & Nominations Report

The ALPOA membership is in good shape with 68 current members, exactly where we were at this time in 2017, but behind 2016. Please be sure to renew your membership, or join if you are not already a member.

Membership Growth Trends



Currently we have 2 open positions on the board. If anyone is interested in serving this year, contact Dave Maxson.

At the annual meeting, we will be holding elections for 2019. The current slate of candidates is: Dave Maxson . President, Kent Taylor . Vice President, Kathy Taylor . Treasurer. Sven will be running again as member-at-large. Julee and Maggie will remain on the board. There will be 3 open slots for 2019. If you are interested in running for

a position starting next year, contact Dave Maxson.

Becoming a member is easy with this year's membership form attached to this newsletter or simply go to our fantastic webpage at www.annlake.org. Please support this association and its dedicated board. Thank you!

Invasive Species Report Submitted by Kent Taylor

We have accomplished a great deal this past year. We've kept our focus on monitoring the lake, educating the public on invasive threats while planning for a future infestation of an aquatic plant and all the activity and funding that might entail. Nearby lakes such as Duck Lake, Long Lake, Crystal Lake, Herring Lakes and Little Platte are all facing infestations of Eurasian Water Milfoil (EWM); will we be next? Not if we can help it!! So here's what we've been doing to prevent and prepare for this and other invasive threats to our lake:

- Monitoring: Our annual lake survey conducted by this committee has once again revealed no known invasive plant in has been found in Ann Lake as of last year.
- Funding: Last year's fundraiser successfully met its goal, generating \$5000 to combine with existing reserves. We now have sequestered a \$10,000 invasive species reserve dedicated to addressing any future, first year weed remediation efforts we may require.
- Educational Outreach: We facilitated the distribution of information throughout the township on the dangers of transporting invasive weeds in small fragments hidden in boats and trailers. This effort stretched from demonstrations at the Lake Ann Homecoming (which we plan on doing again this year), to this year meeting with boat sellers to attach informational stickers to rental and new boat trailers. The township embraced our idea and included flyers in each tax bill describing EWM and Garlic Mustard invasives. We encouraged and assisted the DNR in posting informational signage at the boat launch about %aquatic hitchhikers+.
- Established Lake Partnerships as we did this year with Pearl Lake's Association. They will share in the benefits we're negotiating while also providing a larger constituent voice as our unprecedented vision, a public/private partnership with the township takes shape.
- Partnering with our Local Governments: As you know, to address our long-term invasive threats we have been working with the township in an effort to share the risk township-wide. In this area that we have seen some remarkable developments.

At the township board meeting in December 2016 we presented our fears of infestation in a [slide show](#). We stated a desire to develop a local government/lake association partnership to share the long-term mitigating these looming risks. In that presentation we requested the township establish a reserve fund similar to ours. This to be dedicated to assisting in any first-year treatments required in our township lakes before other funding mechanisms are created. We also asked for and have received support for:

1. Communication and educational outreach efforts within the lake community.
2. Selection of a lake management firm to serve the township before it is needed.
3. Consideration of how any needed future tax-supported efforts might be structured in preparation for the day they might be needed and quickly.

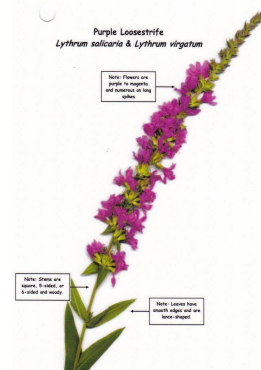
The township board has addressed these requests with demonstrable support. They have sent flyers on invasive plants with our tax bills at a cost to the township of hundreds to dollars. They cooperated with us this spring in the selection of a preferred lake vendor. And significantly, they created a proactive program to utilize this vendor, partially funding (50/50 up to \$2,000) annual lake surveys in Pearl and Ann Lakes by [PLM Lake Management](#) as proto-types for the township. For this additional monitoring, our associations will provide the other 50%, ALPOA's from our operating budget not from our reserves. This new, shared arrangement puts lake management experts on our lake annually augmenting our survey with theirs done with more comprehensive methods and expertise. At a different time in the season we will continue to do our own yearly rake survey, providing double coverage and keeping our skills at weed I.D. sharp.

We thank all who supported our fundraiser and the efforts of this committee during the past year. We are proud of these accomplishments and vow to do everything possible to maintain the pristine nature of our lake. Please visit our booth during Lake Ann's Homecoming to learn more

Non-Aquatic Invasive Plant Reminders

Commentary by Kathy Taylor, Member, Invasive Species Committee

While ALPOA is not involved in managing terrestrial invasive plants, the newsletter provides an opportunity to remind people to check their property for invasive plants. One plant which seems to be prevalent in the area is garlic mustard. June is a prime month for pulling this invasive plant. Please seal these plants in garbage bags. This sealed bag can be placed in your garbage or there is a disposal site located in Frankfort. DO NOT PLACE IN YOUR COMPOST.



ALPOA Invasive Species Committee does an annual shoreline survey looking for invasive marsh plants. The two common ones in our area are Purple Loosestrife and Non-native Phragmites. We have not found any Non-native Phragmites but have found purple loosestrife along the shoreline. We let the riparian know that they have an invasive plant along their shoreline which, when found early, can easily be pulled. These plants should be pulled in June before going to seed. Please check your shoreline and remove any of these plants you find.

WATER QUALITY REPORT

Dave Maxson - Water Quality Monitor

Following is one page of the 2017 summary report from CLMP. (the complete report can be found on line under Water Quality). Following are my observations regarding each of the tests that are conducted each year. We are registered to continue the same monitoring for 2018, and have commenced.

Secchi Disk Transparency measures the clarity of the water. Measurements are recorded weekly from mid-May thru mid-September. You will see that the trend for our lake is very consistent and above average for all lakes in the program.

Chlorophyll samples are taken monthly from May through September. Again, you will see that the trend for our lake is very consistent, and below average for all lakes in the program.

Phosphorus samples are taken in early spring and late summer. The upward trend in this measurement has been somewhat worrisome for the past several years. However, there was a dramatic drop in both spring and fall 2017. I can only speculate as to what might be the cause for the improvement, but I know of one lakefront residence that was obliged to relocate its septic and drainfield in 2016. Coincidence?

Dissolved oxygen and temperature measurements are recorded 8 times between late May and early September.

Summary (in the lower right corner of the attached) concludes that our lake is Oligotrophic; i.e., generally deep and clear with little aquatic plant or algae growth. That's a good thing! Furthermore, long term trends indicate that the trophic status parameters have not changed beyond minor year-to-year variation since monitoring began.

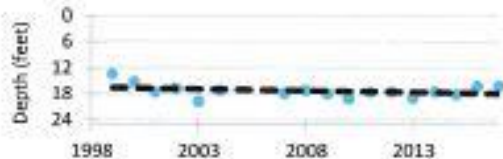
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Ann Lake, Benzie County 2017 CLMP Results



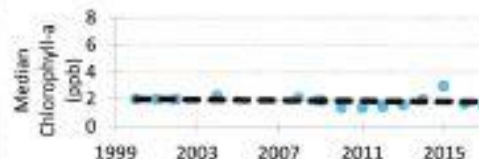
Secchi Disk Transparency (feet)

Year	# Readings	Min	Max	Average	Std. Dev.	Carlson TSI
2017	19	11.5	27.0	18.1	4.2	37
2012-2016	90	11.0	29.0	18.1	3.7	36
1999-2011	179	7.0	31.5	17.2	5.2	36
2017 All CLMP Lakes	2949	1.0	52.0	12.3	2.7	43



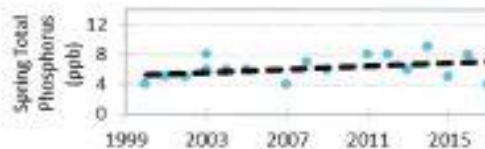
Chlorophyll-a (parts per billion)

Year	# Samples	Min	Max	Median	Std. Dev.	Carlson TSI
2017	5	<1.0	2.2	1.8	0.8	35
2012-2016	25	<1.0	3.5	1.7	0.6	36
2000-2011	48	<1.0	3.0	1.7	0.6	37
2017 All CLMP Lakes	628	<1.0	28.0	1.8	4.3	36



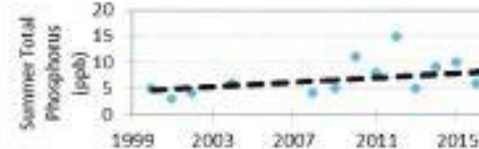
Spring Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev.
2017	1	<5 T	<5 T	<5 T	NA
2012-2016	5	5.0	9.0	7.2	1.6
2000-2011	12	<5 T	8.0	5.8	1.4
2017 All CLMP Lakes	188	<= 3	120	11.6	12.7

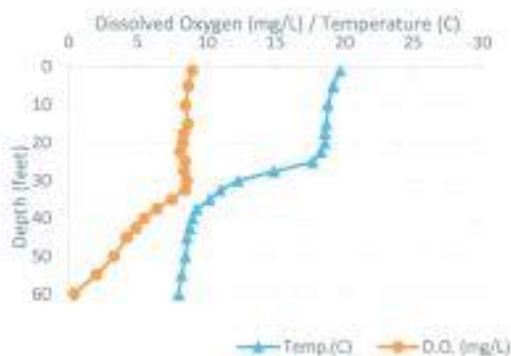


Summer Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev.	Carlson TSI
2017	1	<=3 W	<=3 W	<=3 W	NA	<27
2012-2016	5	5.0	15.0	9.0	3.9	35
2000-2011	8	<=3 W	11.0	5.8	2.8	28
2017 All CLMP Lakes	208	<= 3	52.0	11.1	8.4	39



Dissolved Oxygen and Temperature Profile 8/20/2017



Summary

Average TSI	2017	2012-2016	1999-2011
Ann Lake	33	35	34
All CLMP Lakes	40	40	41

With an average TSI score of 33 based on 2017 Secchi transparency, chlorophyll-a, and summer total phosphorus data, this lake is rated as an oligotrophic lake.

Due to its very low nutrient level, the lake is able to maintain dissolved oxygen throughout the most of the water column for the entire summer, though dissolved oxygen gets low or anoxic on the very bottom waters.

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

* = No sample received W= Value is less than the detection limit (<3 ppb) T= Value reported is less than the reporting limit (5 ppb). Result is estimated.
<1.0 = Chlorophyll-a: Sample value is less than limit of quantification (<1 ppb).

For the complete report, go to
<http://www.annlake.org/committees/environment/water-quality>

ALPOA SPECIAL EVENTS 2018

Maggie Sowers - Special Events Chairperson

Memorial Day weather was glorious on Ann Lake. The summer forecast is more of the same. Before you get too busy with your summer plans **mark your calendars for the upcoming ALPOA events. Hope to see you soon!**

1. **Saturday, June 30 for the ANNUAL MEETING & PICNIC, 12:00 NOON TO 2:00 PM** at the Almira Township Hall in Lake Ann. Pulled port barbecue, tableware and water provided. Please bring a side dish or dessert to share. **Please RSVP if you are coming to Maggie Sowers (616-292-8364).**



2. **Wednesday, July 4 for the ANNUAL UNOFFICIAL BOAT PARADE.** Decorate your boat and join your ALPOA friends on the lake for the annual Fourth of July Boat Parade. Gather at the big sandbar in the middle of the lake at **1:00 PM**. Then follow the lead boat with %Support ALPOA+ sign as we cruise around Ann Lake to salute our wonderful country.

3. **Saturday, July 7 for the Lake Ann Homecoming Days.** ALPOA will be sponsoring a booth. This is an educational inspiring and fun way to learn more about the work of ALPOA. Be sure to stop by while you are enjoying Lake Ann Homecoming events.



4. **Saturday, August 4 for the 9th ANNUAL PADDLE, PEDAL, PADDLE, ROW AROUND ANN LAKE, 8:00 AM TO 11:00 AM** followed by a **Pizza Party at 12:30 PM**. See registration form for complete information. **REGISTRATION FORMS MUST BE RECEIVED BY JULY 6, 2018** so tee shirts can be ordered in time for the event. We plan to repeat the Popular Poker Run again this year.

5. **Sunday, September 2, 2:00 PM to 4:00 PM** weather permitting. **LABOR DAY WEEKEND SUMMER SWAN SONG SOIREE.** Say goodbye to summer while socializing with fellow Riparians, friends and family. Raft your boat with others over Ann Lake's center sandbar. Bring your own snacks/beverages/boat bumpers bow and stern lines.



6. Mid October (Date TBA) **THE 4th ANNUAL UNOFFICIAL PUB CRAWL.** This event is for the die hard folks who cannot miss one more opportunity to gather with friends and family. Spend a social evening at the Lake Ann Brewery, eat dinner from the carry out restaurant of your choice, watch football, and visit with other Riparians and neighbors. Your feedback on this event is desired, this event may be cancelled due to lack of interest.

9th ANNUAL PADDLE, PEDAL, PADDLE, ROW AROUND ANN LAKE

For kayaks, pedal boats, canoes, row boats, paddle boards ONLY. No motors, no sails. **THIS IS NOT A RACE.** It is a slow, fun way to enjoy all the wonderful nooks and crannies and wild life around Ann Lake. And, you'll be able to brag, "I went all the way around Ann Lake under my own power!"

SATURDAY, AUGUST 4, 2018 8:00AM TO 11:00 AM (no wake boating hours). SUNDAY, AUGUST 5 is the **alternate date**, if the weather/wind is unfavorable on August 4.

Committee docks or boats will be labeled A, B, C, D, E, F, and anchored around the lake in alphabetical order. You will check in at the Committee dock or boat closest to your launch area, then, move in a counter clockwise direction (the shore line always on your right) in alphabetical order, checking in at each Committee dock or boat. For instance, if you start at **D**, then move to **E**, **F**, **A**, **B**, **C** and **BACK** to **D** to complete your circumnavigation of Ann Lake.

Registrants will be entered into a drawing for various prizes. Drawing is at the Pizza Party

REGISTER NOW for the August 4, 2018 People Powered, Paddle, Pedal, Paddle, Row event. \$17.00 for each person participating covers the cost of an event tee shirt, plus water and snacks along the course, or \$5 with NO shirt. The Popular Poker Run will be held again this year. Bring your green visors and be prepared to win!

PLUS, a Post Paddle, Pedal, Paddle, Row Pizza Party for Participants, Family, and Friends.

What: Eat Pizza; maybe win a Prize Drawing; Reminisce about your Participation.

When: 12:30 PM after PPPR Event

Where: Downtown Lake Ann in Burnett Park- bring your lawn chairs or sit upon.

Cost: \$5.00 person over and above the PPPR registration fee

REGISTRATION FOR ALPOA PEOPLE POWERED EVENT AUGUST 4, 2017

Adult _____ Small _____ Medium _____ Large _____

Adult _____ XL _____ 2XL _____ 3XL _____

Youth _____ Small _____ Medium _____ Large _____

Total Number Registering for PPPR Event WITH Shirt _____ @ \$ 17.00 per person Amount Due _____

Total Number Registering for PPPR Event . NO Shirt _____ @ \$ 5.00 per person Amount Due _____

Total Number for Pizza Party _____ @ \$ 5.00 per person..... Amount Due _____

Grand Total Amount Due _____

Name(s) of person(s) registering for PPPR Event _____

Please Print- use back of form if necessary

How many children younger than 10 are in your party _____

Make check payable to: Ann Lake Property Owners' Association

Send to: Treasurer

Ann Lake Property Owners' Association
P.O. Box 184
Lake Ann, MI 49650

YOUR SUMMER ADDRESS

Name _____

Address _____

Email: _____

REGISTRATION MUST BE IN BY JULY 6, 2018 so shirts can be ordered on time

NOTE: Tee shirts should be picked up Friday, August 3 between 5-6 pm at the Pavilion in the Lake Ann Village Park across from the LA Microbrewery. The color of the Tee shirt has not yet been determined.

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 and not a "charitable" organization.

Your contributions are used to protect the quality of our lake, protect the value of our properties and to promote social opportunities for our members.

Yearly Membership Dues \$_____ \$30.00 ___New

___Renewal

Additional Donation \$_____

Invasive Species Reserve \$_____

Total Amount Paid \$_____ For calendar year 20_____

(Mail Check or go to website "Membership" pay online via PayPal link)

Please Enter Owner's Names:

Please Print Information:

Name/s: _____

Home Address: _____

City _____ State _____ Zip _____

Phone _____ Lake Phone _____

Summer Address: _____ Lake Ann, MI 49650

E-Mail Address: _____

I would like a subscription to the Michigan Riparian Magazine: Yes ___ No___

This costs the Association \$12 for four issues, this is optional.

I would like my Newsletter first class mailed to me: Yes ___ No___ *(It will be emailed.)*

Mailing costs the Association \$) Newsletters can be accessed online.

I would like to volunteer to ALPOA: Yes ___ Committee: _____

Comments: _____

Scan completed form or print as a PDF and email to: Kathy@AnnLake.org

or

Mail to: P.O. Box 184 Lake Ann, MI 49650