

## Minutes

Perch Lake Owner's Association  
2016 Annual Membership Meeting  
July 3, 2016

1. The annual meeting of the members of the PLOA was held on July 3<sup>rd</sup> at the Foster Camp. Members received pickled Asparagus from Nancy and walking sticks from Margo. More than 30 people were in attendance to constitute a quorum.
2. Motion by Liz seconded by Margo to accept the Agenda. Motion carried.
3. A motion by Margo, seconded by Becky to approve last years minutes (July 4<sup>th</sup> 2015) as published on web and copies provided.

#### 4. Officers Reports:

##### a. Presidents Report

**\*PLOA Website-** we worked on updating the PLOA website with Brian Cryst taking the lead, providing expertise and developing a completely new website. If you scroll down to the bottom there is a members only site where you need a password to enter so can sign up to volunteer for the containment monitoring and removal or see information for members only. You are encouraged to send pictures and information to Dave to be edited and posted. Contact Dave or a Board Member for the password.

Liz made motion to send a Thank You note to Brian for all his work on creating the new website. Motion unanimously carried. The board will see this is done.

**\*National Forest Service Boat Launch monitoring and control program** system performed well for 2015. 2016 installation went well with volunteers getting the job done in one day. We lucked out on the weather being so nice so early in the season. Everyone we talk to DNR, NFS, and other Lakes and Streams associations are impressed with what our small group has accomplished.

**\*Outreach and Membership** - no change - we would like to welcome new people.

**\* Friends of Nexters** – This continues to be a very important issue to the survival of our organization, so we will keep pushing for a decision.

**Board Membership** – We have a full board of nine members with three people in each term of classes I, II, and III. The BoD member term listing is attached to the agenda. Cliff(Historian), Hal (Treasurer) and I (President) have our terms expiring this July.

##### B. Secretary's Report

Besides the minutes as published on the web I am extremely proud of the accomplishments of our members. Jim's article in the spring issue of the Michigan Riparian magazine. The "*Riparian of the Year Award*" presented to the PLOA by the Michigan Lake and Stream Association. Jim accepted the award on April 29<sup>th</sup> at the banquet held as part of the 2016 Michigan Inland Lakes Convention. Thank you Jim and Your team for your work to preserve our lake.

##### C. Treasurer's Report

The current Balance in the Administrative account is \$2,311.61 and the 501C3 has a Balance of \$8,732.25. the Report and list of paid members is attached.

## **D. Committee Reports**

### **Communications Committee**

Tom Haight says he has extra newsletters and signs for anyone who would like them and as usual needs articles and pictures for the newsletter.

### **Lake Management Committee**

Each member received a packet of materials on topics important to the meeting, including; Agenda, spring issue of Riparian Magazine, Iron County Lakes and Streams Partnership with application, containment inspection protocol with pictures of boat trailer with weeds, map showing walleye lakes with mercury warnings, expense report, Crayfish trapping results, 215 CLMP Results, Picture and article on PLOA Riparian of the Year award, brochure on Invasive Thistles, and his outline for his report.

Jim is doing the various Lake tests, (Ph, Secchi disk, Spring Phos., Summer Phos., Chloro, and this year added the Dissolved Oxygen). He would like help as getting his boat in the water takes a lot of time. Crayfish counts are needed for yearly the count. Thank you to the people doing them

The containment area had a few minor problems; the high winds tipped over posts this year. When checking system be sure to also check parking lot for trailer weeds. Everyone should be monitoring the private landings to be sure boats are clean when entering the lake. Financial support is needed to enhance the system. There is a 5year guarantee on materials but we need to think ahead. Keep informed and make suggestions on the web for options to improve the containment system. Good communication is the key.

There has been a lot of interest in our project; The Michigan Lakes and Streams conference presentation of the **“Riparian of the Year Award”** and the article in the *Riparian* Magazine. Various Lake Associations requesting information and an article in the Vilas county newspaper.

Jim recommends that individuals join the Iron County Lakes and Streams Association as they do a lot for youth and education. Our association donated \$50.this year.

There has been an alert for mercury levels in walleye from our lake.

Terrestrial invasive - everyone received a pamphlet to learn and identify thistles.

Coleen Quinn will conduct a dive near the boat landing on July 4<sup>th</sup> at 10:00 A.M. Jim would like to test the South bay for weeds looking for invasives next year in June. Maybe use the PLOAs barge to gather information and document results to use as baseline in the future to be better suited to get grants

Liz made a motion and Cliff seconded to set up a broad monitoring program from Tilots west with an initial step beginning June 2017 to continue on lake as necessary. Motion carried. Information will be put on website.

### **Outreach & Membership**

Cliff will take the spring 2016 issue of the *Riparian* magazine to nonmembers to inform them or what we are doing and encourage them to join us.

## **E. Old Business**

### **Perch Lake/River – water Level Monitoring**

Bridge doesn't appear to affect lake levels. The question has been raised as to whether we should challenge the report as the levels cannot be accurate with the level posts unable to read.

### **Nexters and friends of Perch Lake**

Discussion continues as to how we can involve members of the next generation. Hal presented three samples of how other associations allow more memberships. Much discussion took place with taking good points from each example. We were close to voting to allow 2 votes per Riparian owner regardless of how many properties. More discussion took place and a motion was made by Margo and seconded by Liz to "Open membership to 16 additional members not to exceed 60 % of Riparian Owners on a first come first served basis limited to adult children of Riparian members." Motion carried 100 %. Hal will change the wording to By-laws and post them on the web site. This will be under review next year.

### **Upcoming meetings**

Summer Board meeting immediately following annual meeting  
Fall board meeting - October 8, 2016

## **F. New Business**

### **Election of New Board Members**

The officers in class 1 up for replacement Dave Foster, Hal Petrimoulx and Cliff Janiak all agreed to another term and were reelected without a nay. Al made motion to adjourn seconded by Becky Motion carried

Respectfully submitted by Carol Hicks – Brown secretary

Enclosures:

Agenda

Treasurers report/ membership dues

Jims packet w/o The Michigan Riparian Spring 2016

**AGENDA**  
**Perch Lake Owners Association (PLOA)**  
**Annual meeting July 3, 2016**  
**Held at the Foster Camp at 10:00 AM**

1. Roll Call for Quorum-50% of registered members (sign-in sheet) – Dave
2. Adoption of Agenda – All
3. Review and Approve previous (JUL2015) Annual Meeting minutes – All
4. Officers' Reports
  - a. President's report – Dave Foster
  - b. Secretary's report – Carol Hicks-Brown
  - c. Treasurer's report – Hal Petrimoulx
5. Committee Reports
  - a. Communications Committee – Tom Haight
  - b. Lake Management Committee – Jim Novitski
  - c. Outreach & Membership committee – Cliff Janiak
6. Old Business
  - a. Historian position in PLOA
  - b. Perch Lake/River - Water Level Monitoring
  - c. Nexters and Friends of Perch Lake
    - i. Sample Lake Associations
      1. Lake Leleenu Lake Association (<http://lakeleelanau.org/>)
        - a. voting members are riparians who have paid dues.
        - b. non-riparians who pay dues are eligible for associate membership - entitled to voice, but not vote.
        - c. non-riparian members can become full members if nominated by a board member and approval of two thirds of the board.
      2. White Lake Association (<http://www.whitelakeassociation.org/>)
        - a. members include riparians and non-riparians subject to no less than 60% of members must be riparians.
        - b. members who have paid dues are entitled to vote.
        - c. associate members are non-voting members who exceed the 60% quota and become members when the quota is no longer exceeded (in order of their date of membership). They have all other rights except voting.
      3. Long Lake Association (<http://www.longlakeassociation.com/>)
        - a. riparian owners and township residents are eligible.
        - b. only one class of membership exists.
        - c. husband and wife or co-owners may obtain separate memberships up to two.
    - ii. Discussion points for Application of Membership Alternatives to PLOA Membership:
      1. One Nexter membership is allowed per riparian owner (max of 2 members per riparian owner regardless of the number of legal adult children).
      2. The riparian owner(s) must be members in order for their legal adult children to be allowed to have membership.
      3. Nexters have full rights and privileges including becoming officers and board members of the association.

**AGENDA**  
**Perch Lake Owners Association (PLOA)**  
**Annual meeting July 3, 2016**  
**Held at the Foster Camp at 10:00 AM**

4. Riparians will maintain a minimum of 60% of voting membership:
  - a. if the 60% maximum is exceeded then associate membership is granted.
  - b. full membership is granted once the quota is no longer exceeded.
  - c. priority will be based on date of original continuous membership .
  - d. associate members have all other rights and privileges .
  - e. should the 60% quota be exceeded because riparian membership declines, the "excess" Nexter members will remain eligible for membership.
- d. Upcoming meetings
  - i. Summer board meeting immediately following annual meeting
  - ii. Fall board meeting – October 8, 2016
7. New Business
  - a. Election of New Board Members – re-elect/replace Board of Directors Class 1 – Dave Foster, Hal Petrimoulx and Cliff Janiak
  - b. PLOA launched a new website designed by Brian Cryst, Cryst Design LLC
8. Additions to the agenda
9. Adjourn
10. Collection of dues and Summer Board meeting
11. Door Prize for attendance at annual meeting

## Summer Treasurers Report 2016

(activity since last report)

	Administrative Account		Withdrawal Detail	501C3 Account		Withdrawal Detail
	Deposit	Withdrawal		Deposit	Withdrawal	
Starting Balance	\$ 2,311.61			\$ 8,732.75		
April		\$ 3.00	online fee			
			transfer of			
May	\$ 220.00	\$ 40.00	donated funds	\$ 40.00		
June					\$ 267.50	water quality supplies
						Iron Co. Lake & Stream
					\$ 50.00	Partnership
					\$ 831.00	Liability insurance
Current Balance	\$ 2,488.61			\$ 8,123.75		
Penidng Expenses		\$ 24.72	copying costs	\$ 84.14		cable ties for net
		??	D&O Insurance			

**NOTE: PLOA fiscal year is Jan - Dec. Dues are payable July - June.**

## Spring Treasurers Report 2016

(activity since last report)

	Administrative Account		Withdrawal Detail	501C3 Account		Withdrawal Detail
	Deposit	Withdrawal		Deposit	Withdrawal	
Starting Balance	\$ 2,077.61			\$ 8,161.25		
Sept	\$ 120.00					
Oct					\$ 3.00	online fee
Nov	\$ 60.00					
			\$80 transfer to 501c3, \$100 MLSA			
Dec		\$ 180.00	fee	\$ 580.00		
Jan	\$ 60.00	\$ 3.00	online fee		\$ 3.00	online fee
Feb	\$ 180.00	\$ 3.00	online fee		\$ 3.00	online fee
March						
April	statement not yet available			statement not yet available		
Current Balance	\$ 2,311.61			\$ 8,732.25		

## Fall Treasurers Report 2015

(activity since July report at annual meeting)

	Administrative Account		Withdrawal Detail	501C3 Account		Withdrawal Detail
	Deposit	Withdrawal		Deposit	Withdrawal	
Starting Balance	\$ 1,619.17			\$ 18,468.00		
June	\$ 100.00			\$ 136.12	\$ 10,442.00	containment net purchase
			\$3984.56 transfer of donations to 501c3 account, \$162 to Jim Novitski for CLMP			
July	\$ 4,835.00	\$ 4,146.56	expenses	\$ 4,184.56	\$ 4,416.00	\$426 for Lud Stoor Liability Ins., \$3990 to Jim Novitski for containment expenses
						\$50 to Iron Co. Lake & Streams Assoc., \$119.68 to Margo Janiak for containment volunteers
August	\$ 120.00	\$ 450.00	D&O insurance	\$ 400.00	\$ 169.68	food
Sept	statement not yet available			statement not yet available		
Current Balance	\$ 2,077.61			\$ 8,161.25		

## 2016 PLOA Annual Meeting

### Lake Management

- I) CLMP Tests
  - A) CLMP test results
  - B) Temp – Crayfish graphs
  - C) Communication for help doing tests
  
- II) Containment System
  - A) Award for project
  - B) Magazine article
  - C) Private B.L. Warning
  - D) Continued support
    - 1) Financial
    - 2) Monitoring and repair
    - 3) Long range plan
  - E) Better communication for maintenance.
  
- III) Mercury Warnings
  
- IV) ICL&SP Application
  
- V) Thistle Brochure
  
- VI) Dive at B.L.
  - A) July 4<sup>th</sup>, morning

**PLEASE JOIN THE IRON COUNTY LAKES AND STREAMS PARTNERSHIP**



**Dear Valued Partner,**

**The Iron County Lakes and Streams Partnership invites you to join us as a new member or renew your existing membership for 2016 as we continue growing our active projects and successes. A sign-up sheet is enclosed.**

**With 150 current memberships, and growing, this is what we believe in:**

- We are committed to preventing and controlling aquatic invasive species in Iron County lakes and streams
- We do this through community outreach, education and participation in numerous types of field projects

**Examples of what we do with broad community and stakeholder participation:**

- We sponsor community programs explaining methods of monitoring local lakes and streams as an early warning system against invasive species
  - We coordinate training for volunteers from local lakes in Michigan's Cooperative Lakes Monitoring Program. Ten Iron County lakes are now in the program with 2 more about to join.
  - We offer free on-the water assistance to volunteers who want to do basic vegetation and water quality checks in Iron County lakes.
- Our members support and participate in field projects
  - Pulling Eurasian watermilfoil at Smokey Lake in 2015 with plans to assist at Lake Ellen in 2016
  - Eradication of purple loosestrife at several Iron County lakes
  - Perch Lake containment barrier installed by their lake association
  - A proposed "benthic barrier" at Iron Lake to control Eurasian watermilfoil
  - Numerous lake and stream vegetation, invasive species and water quality surveys
  - Watch for us at the May 2016 clean-up of the Iron River
- We educate the broad community of lake and stream users and stakeholders
  - We have had an educational booth at places like the Home, Business and Outdoor show, the Aspirus Total Woman in the Outdoors event and the Iron County Fair.
  - Using several tools we assist lake users who are curious about their favorite lakes by providing educational information at local lakes.
- We actively and constructively participate with the Iron-Baraga Conservation District, the US Forest Service, the Michigan DNR, the Great Lakes Indian Fish and Wildlife Commission, local government, local businesses and other volunteer organizations to find and implement the best aquatic invasive species prevention and control techniques for Iron County lakes and streams

**Please join us, including participating in ways you are comfortable with, by completing the enclosed form.**

**Current lake and stream stakeholders and the generations to follow THANK YOU FOR YOUR SUPPORT!**

## 2016 ANNUAL MEMBERSHIP ENROLLMENT

Mail to: IRON COUNTY LAKES AND STREAMS PARTNERSHIP, BOX 194, CRYSTAL FALLS MICHIGAN 49920

Name of Individual, Business or Organization \_\_\_\_\_

Mailing address \_\_\_\_\_

If you own lake or stream property, name of lake or stream \_\_\_\_\_

Email (Optional but helpful...We keep your address confidential) \_\_\_\_\_

Indicate amounts paid:

Individual (\$10) \$ \_\_\_\_\_

Child under 18 (Free) \_\_\_\_\_

Business/Organization (Free) \_\_\_\_\_

Donation \_\_\_\_\_

Total \$ \_\_\_\_\_

**Because we are incorporated as a  
501c3 charitable organization, your  
contributions are tax deductible to  
the extent allowed by the IRS.**

**Thank You!!**

### Please indicate your interests (with no obligation)

\_\_\_\_\_ Learning more about aquatic invasive species, the impacts on lakes and streams, how they are prevented or controlled and what projects are going on in the area.

\_\_\_\_\_ Observing on-the-water projects, which is a great way to learn. We can provide boats and other logistical needs for any one of the many projects in the area. No work required, and we can accommodate limitations you might be worried about.

\_\_\_\_\_ Participating in on-the-water projects. From simple to complex, there are many opportunities.

\_\_\_\_\_ Community outreach and education (such as helping with graphic design, distribution of educational materials, helping with booths or demonstrations, reaching out to community groups, photography, writing/publishing)

\_\_\_\_\_ Participating in one of our four existing "committees" (Membership, Education, Advocacy, or Technical)

**Comments/Questions:**

**Our directors are: Bill Fleming (Lake Ellen), Mark Klink (Winslow Lake), Mike Golas (Sunset Lake), Tom Madden (Stager Lake), Jen Ricker (Iron-Baraga Conservation District), Jim Novitsky (Perch Lake), Mike Sheehy (Iron Lake), Bob Willing (Maggie Lakes), Diane Kut (Fortune Lake), Dean Pelkey (Golden Lake). Get direct contact information for our board members by emailing [iclsp@yahoo.com](mailto:iclsp@yahoo.com) or calling 906-265-2371.**

**Perch Lake Crayfish Trapping  
(Year to Year Totals)**

Location	North Shore	South Shore	East Shore	West Shore
<b>Dates</b>				
2014 / July	67 Rusty - 0 Native	0 Rusty - 0 Native	15 Rusty - 0 Native	Not Available
August	66 Rusty - 0 Native	0 Rusty - 0 Native	0 Rusty - 0 Native	0 Rusty - 0 Native
September	20 Rusty - 0 native	0 Rusty - 0 Native	0 Rusty - 0 Native	8 Rusty - 0 Native
<b>2014 Total</b>	<b>153 Rusty - 0 Native</b>	<b>0 Rusty - 0 Native</b>	<b>15 Rusty - 0 Native</b>	<b>8 Rusty - 0 Native</b>
2015/ May	37 Rusty - 0 Native	Not Available	180 Rusty - 0 Native	Not Available
June	59 Rusty - 0 Native	Not Available	133 Rusty - 0 Native	Not Available
July	38 Rusty - 0 Native	55 Rusty - 0 Native	58 Rusty - 0 Native	Not Available
August	59 Rusty - 0 Native	19 Rusty - 0 Native	4 Rusty - 0 Native	3 Rusty - 0 Native
September	19 Rusty - 0 Native	11 Rusty - 0 Native	2 Rusty - 0 Native	2 Rusty - 0 Native
<b>2015 Total</b>	<b>212 Rusty - 0 Native</b>	<b>85 Rusty/ 3Months</b>	<b>377 Rusty - 0 Native</b>	<b>5 Rusty - 0 Native</b>

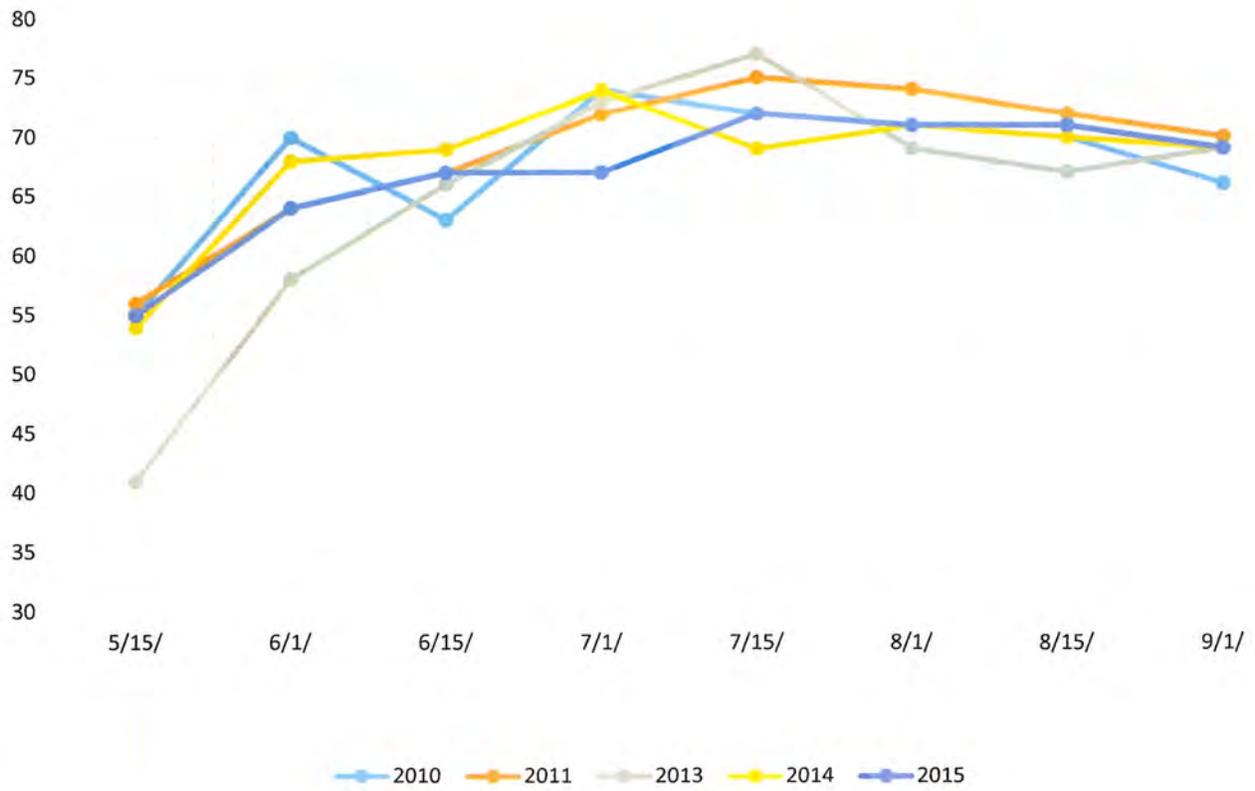
**Crayfish Chart yr - yr**



	Column # 1	Column # 2	Column # 3	Column # 4
	North Shore	South Shore	East Shore	West Shore
2014	153 Rusty - 0 Native	0 Rusty - 0 Native	15 Rusty - 0 - Native	8 Rusty - 0 Native
2015	116 Rusty - 0 Native	85 Rusty - 0 Native	64 Rusty - 0 Native	5 Rusty - -0 Native

Chart indicates trapping totals from data obtained utilizing July- September period only. 2014 contained data only from this period. Next years chart will be adjusted to include all data collected.

## Temperature Data Graph



## Temperature Data Table

	5/15/	6/1/	6/15/	7/1/	7/15/	8/1/	8/15/	9/1/
2010	55	70	63	74	72	71	70	66
2011	56	64	67	72	75	74	72	70
2013	41	58	66	73	77	69	67	69
2014	54	68	69	74	69	71	70	69
2015	55	64	67	67	72	71	71	69

Red denotes the year in which the temperature survey was done.

Green is the approximate dates that the temperature survey was done.

Blue is the actual temperature results.

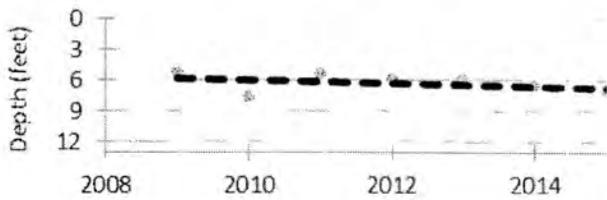
# Perch Lake, Iron County

## 2015 CLMP Results



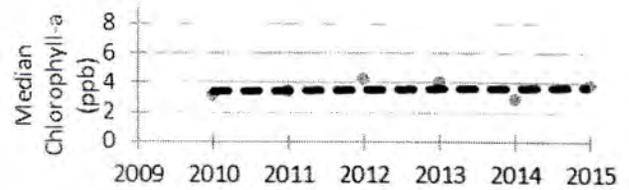
### Secchi Disk Transparency (feet)

Year	# Readings	Min	Max	Average	Std. Dev	Carlson TSI
2015	19	6.0	10.0	7.1	1.1	49
2010-2014	65	3.5	11.5	6.3	1.3	51
2009	12	3.5	6.5	5.2	1.0	53
2015 All CLMP Lakes	3018	1.5	42.0	12.6	6.1	42



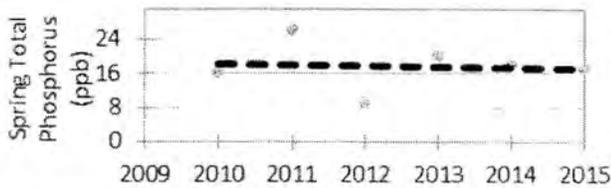
### Chlorophyll-a (parts per billion)

Year	# Samples	Min	Max	Median	Std. Dev	Carlson TSI
2015	5	1.9	5.2	3.8	1.2	44
2010-2014	25	1.2	9.0	3.4	2.0	43
2015 All CLMP Lakes	628	< 1.0	14.0	2.5	2.1	39



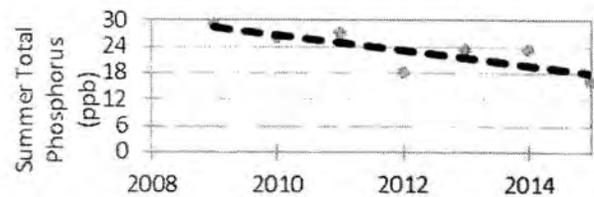
### Spring Total Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev
2015	1	17	17	17.0	NA
2010-2014	5	9	26	17.8	6.2
2015 All CLMP Lakes	131	<= 3	70	11.5	13.7



### Summer Total Phosphorus (parts per billion)

Year	# Samples	Min	Max	Average	Std. Dev	Carlson TSI
2015	1	16	16	16.0	NA	44
2010-2014	5	18	26	23.4	3.5	49
2009	1	29	29	29.0	NA	53
2015 All CLMP Lakes	173	<= 3	68	13.2	8.1	39



### Dissolved Oxygen and Water Temperature Profile

Perch Lake does not have dissolved oxygen/water temperature data available. Consider enrolling in this parameter next year.

Fish, insects, mollusks, and crustaceans need dissolved oxygen to live in water. By late summer, many lakes stratify, with cold anoxic water on the bottom and warm, oxygen rich water on the surface. Anoxic (oxygen-depleted) water occurring too close to the surface is a sign of nutrient enrichment. Understanding the pattern of dissolved oxygen and water temperature in a lake is important for assessing nutrient problems as well as the health of the biological community.

### Summary

Average TSI	2015	2010-2014	2009
Perch Lake	46	48	46
All CLMP Lakes	40	NA	NA

With an average TSI score of 46 based on Secchi transparency, chlorophyll-a, and summer total phosphorus, this lake is rated between the mesotrophic and eutrophic lake classification. The lake leans slightly more meso than eutro.

Summer phosphorus seems to be decreasing; actually this year had the lowest number yet. The other parameters have not changed beyond minor year-to-year variation.

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

## CONTAINMENT AREA INSPECTION PROTOCOL

### **A) Inspect connections from floating boom to wood posts**

- 1) Replace tie wraps if broken or missing
- 2) If no replacement tie wraps are available, use rope for temporary repair
- 3) If not possible to repair alone, solicit help from any available member at lake
- 4) If weather conditions are too severe, wait for better conditions.

**Do not attempt to fix if conditions are dangerous.**

### **B) Check to make sure no posts have tipped over**

- 1) Right posts if conditions allow
- 2) **Do not attempt to fix if conditions are dangerous.**

### **C) Look for damage to booms, net, posts, and anchorage points**

- 1) Document the area that was damaged and report it to Jim Novitski or other board member.

### **D) Check for wildlife or fish trapped in containment area**

- 1) Contact Forest Service if species is in harms way
- 2) Document species observed in containment area

### **E) Check to make sure no one is using the containment area as a mooring area. *Record the registration number.***

- 1) Wait for individual to return and politely inform him of the rules or leave a note that expresses the same message.

### **F) Take note of any different species of plant, fish, or mollusk that you are not used to seeing.**

- 1) Contact Jim Novitski or Forest Service with information

### **G) If any loons are observed, document their location and how many there were.**

**Jim Novitski**  
**920-373-8447**

**Forest Service**  
**906-932-1330/906-852-3500**

## OUR RESPONSIBILITY HAS NOT ENDED

We need to continue to be cognitive of our efforts to protect Perch Lake from aquatic invasive species. We hope with the installation of the containment system at the public boat landing that we took a major step forward in doing just that. We can be very proud of this accomplishment but we can not afford to rest on our laurels. Another avenue of infestation can be our own private boat landings. I know of at least one area lake that was infested just this way. It would be an outright crime to go through with the task of paying for, installing and removing the containment system, and have the invader come in through the back door. I have a number of suggestions to try and mitigate this from happening.

- 1) Discourage your guests from bringing their own boats up to the lake. I know that this is not very popular with boat owners so:
- 2) If your guests insist on bringing and using their own boat make sure that you take the time to thoroughly inspect the boat, trailer, and tow vehicle for any plant fragments, water from a previous trip, even bait and uncleaned fish from the previous trip.
- 3) On boats that employ a bunk type of trailer, keep a 10% solution of bleach and water on hand with which to spray on the bunk area before launching the boat.
- 4) Before launching their boat, ask your guests where their boat was prior to visiting and how long ago this was. Sometimes a drying out period may destroy any AIS but the jury is still out on this.
- 5) Make it clear that this will be the procedure that you, the camp owner, expect in order to not surprise and perhaps offend your guests.

The picture on the reverse side of this notice was a picture that George Madison took at our public landing on Perch Lake. He was not able to contact the owner but has expressed his dismay at not doing more. The picture is a good example of what we need to keep in mind while hosting visitors to the lake. Thanks and feel free to contact me for any other information you may be interested in.

Jim Novitski – PLOA Lake Management

# You can help!

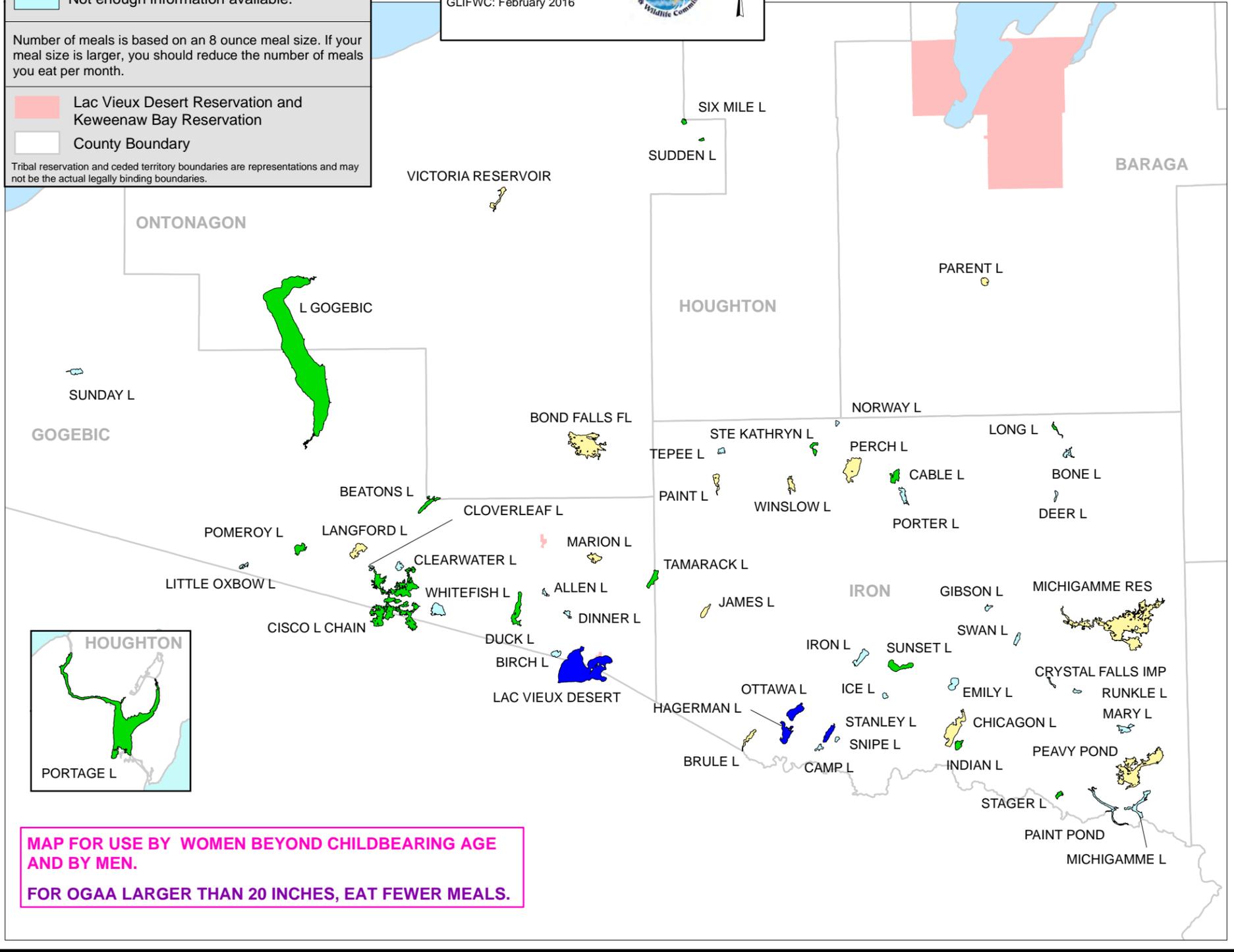
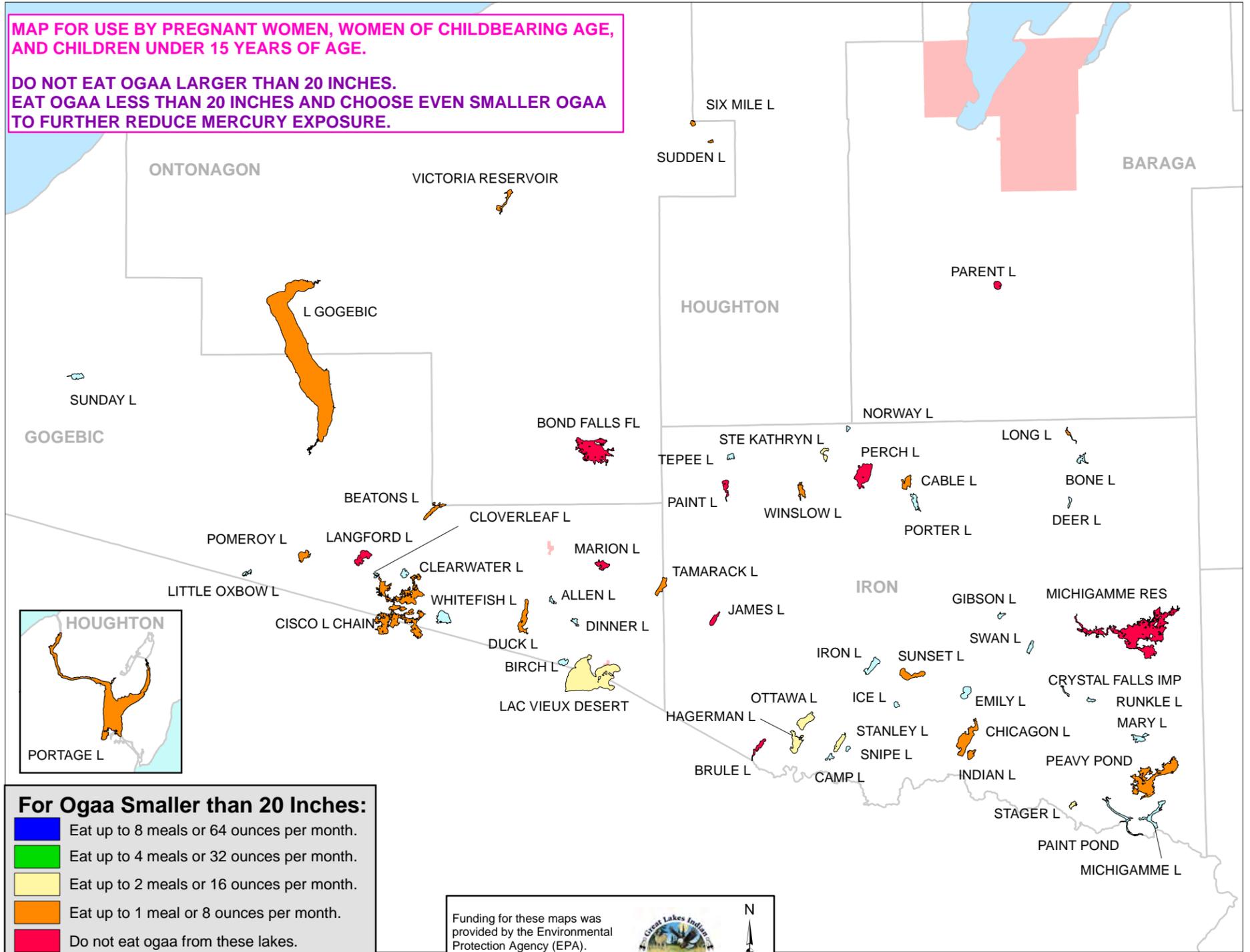
Boat trailer parked at the same boat launch site.



This Map is to Help You Find Safe Ogaa (Walleye) in Select Walleye Lakes in the Michigan 1842 Ceded Territory

**MAP FOR USE BY PREGNANT WOMEN, WOMEN OF CHILDBEARING AGE, AND CHILDREN UNDER 15 YEARS OF AGE.**

**DO NOT EAT OGAA LARGER THAN 20 INCHES. EAT OGAA LESS THAN 20 INCHES AND CHOOSE EVEN SMALLER OGAA TO FURTHER REDUCE MERCURY EXPOSURE.**



## Recommended Maximum Number of Oгаа Meals per Month for Select Walleye Lakes in the Michigan 1842 Ceded Territory

### SORTING AND LABELING OGAA PRIOR TO FREEZING

When Cleaning *Oгаа*:

- Put *ogaa* under 20 inches in bags labeled “under 20 inches.”
- Put *ogaa* over 20 inches in bags labeled “over 20 inches.”
- Label bags with the lake name.
- Follow the advice below for maximum number of meals per month.

### USING THIS CHART TO FIND SAFER GIIGOONH

#### MAXIMUM NUMBER OF MEALS PER MONTH

Advice is for all lakes combined. For example, if you eat four meals in a month from green lakes you should not eat any other meals of *ogaa* in that month.

#### MEAL SIZE

Meal size is based on 8 ounces. An average 19 inch *ogaa* will have 8 ounces of meat. If your meal size is larger you should eat fewer meals of *ogaa*. If it is smaller you can eat more meals of *ogaa*.

#### OTHER GIIGOONH

*Giigoonh* such as muskellunge, largemouth bass, smallmouth bass, and northern pike will have more mercury than *giigoonh* such as lake whitefish, herring, bluegill, sunfish, crappie or perch. Try to choose safer *giigoonh*.

LAKE	COUNTY	Women of childbearing age and children less than 15	Women beyond childbearing years and men 15 and older
ALLEN L	GOGEVIC	Not Enough Information	Not Enough Information
BEATONS L	GOGEVIC	1	4
BIRCH L	GOGEVIC	Not Enough Information	Not Enough Information
BOND FALLS FL	ONTONAGON	0	2
BONE L	IRON	Not Enough Information	Not Enough Information
BRULE L	IRON	0	2
CABLE L	IRON	1	4
CAMP L	IRON	Not Enough Information	Not Enough Information
CHICAGON L	IRON	1	2
CISCO L CHAIN	GOGEVIC	1	4
CLEARWATER L	GOGEVIC	Not Enough Information	Not Enough Information
CLOVERLEAF L	GOGEVIC	Not Enough Information	Not Enough Information
CRYSTAL FALLS IMP	IRON	Not Enough Information	Not Enough Information
DEER L	IRON	Not Enough Information	Not Enough Information
DINNER L	GOGEVIC	Not Enough Information	Not Enough Information
DUCK L	GOGEVIC	1	4
EMILY L	IRON	Not Enough Information	Not Enough Information
GIBSON L	IRON	Not Enough Information	Not Enough Information
HAGERMAN L	IRON	2	8
ICE L	IRON	Not Enough Information	Not Enough Information
INDIAN L	IRON	1	4
IRON L	IRON	Not Enough Information	Not Enough Information
JAMES L	IRON	0	2
L GOGEVIC	GOGEVIC	1	4
LAC VIEUX DESERT	GOGEVIC	2	8
LANGFORD L	GOGEVIC	0	2
LITTLE OXBOW L	GOGEVIC	Not Enough Information	Not Enough Information
LONG L	IRON	1	4
MARION L	GOGEVIC	0	2

LAKE	COUNTY	Women of childbearing age and children less than 15	Women beyond childbearing years and men 15 and older
MARY L	IRON	Not Enough Information	Not Enough Information
MICHIGAMME L	IRON	Not Enough Information	Not Enough Information
MICHIGAMME RES	IRON	0	2
NORWAY L	IRON	Not Enough Information	Not Enough Information
OTTAWA L	IRON	2	8
PAINT L	IRON	0	2
PAINT POND	IRON	Not Enough Information	Not Enough Information
PARENT L	BARAGA	0	2
PEAVY POND	IRON	1	2
PERCH L	IRON	0	2
POMEROY L	GOGEVIC	1	4
PORTAGE L	HOUGHTON	1	4
PORTER L	IRON	Not Enough Information	Not Enough Information
RUNKLE L	IRON	Not Enough Information	Not Enough Information
SIX MILE L	ONTONAGON	1	4
SNIPE L	IRON	Not Enough Information	Not Enough Information
STAGER L	IRON	2	4
STANLEY L	IRON	2	8
STE KATHRYN L	IRON	2	4
SUDDEN L	ONTONAGON	1	4
SUNDAY L	GOGEVIC	Not Enough Information	Not Enough Information
SUNSET L	IRON	1	4
SWAN L	IRON	Not Enough Information	Not Enough Information
TAMARACK L	GOGEVIC	1	4
TEPEE L	IRON	Not Enough Information	Not Enough Information
VICTORIA RES	ONTONAGON	1	2
WHITEFISH L	GOGEVIC	Not Enough Information	Not Enough Information
WINSLOW L	IRON	1	2

For many native people, *giigoonh* are part of a traditional and healthy diet. If you rely on *giigoonh*, choose safer *giigoonh* with lower levels of mercury by following the advice on this map.

#### RISKS AND BENEFITS

**Risk:** Mercury can damage the nervous system, especially the brain. Fetuses and babies are the most at risk because their nervous systems are rapidly developing. Children exposed to unsafe levels while in the womb have been found to experience delayed development in walking and talking, even though the mother was not affected. Mercury cannot be removed by trimming or cooking.

**Benefit:** Eating even as few as two to three meals of *giigoonh* a month may reduce your risk of death due to heart disease.



**If you have questions about finding safer oгаа, call GLIFWC at 1-715-682-6619.  
To learn more about mercury in oгаа, visit GLIFWC’s website at [www.glifwc.org/Mercury/mercury.html](http://www.glifwc.org/Mercury/mercury.html)**

ATTEND JUL16 ANNUAL MEETING	PLOA Members and Family JULY 2016 Annual Meeting Sign-in					
	Member	Name	Street	City/State/Zip	E-MAIL	PHONE NUMBER
X	Member	Bissey, Mary & Neil Strack	2318 Briar Hill Dr.	Champaign, IL 61822	<a href="mailto:mbissey@comcast.net">mbissey@comcast.net</a>	(217)369-9153
		Canfield, Carrie	1706 Calibre Woods Dr.	Atlanta, GA 30329	<a href="mailto:carrie.bissey@gmail.com">carrie.bissey@gmail.com</a>	(217)369-4966
		Bissey, Jason	1011 Berkeley St., Apt. A	Durham, NC 27705	<a href="mailto:bissey1@gmail.com">bissey1@gmail.com</a>	
X	Member	Brzezinski, Ted & Sally	2224 Ledvina Cir	Green Bay, WI 54313-5398	<a href="mailto:tbrzezinski@new.rr.com">tbrzezinski@new.rr.com</a>	Home – (920) 499-8332
						Cell- (920) 676-8394
						Lake- (920) 664-0456
		Grabner, Pat & Katie	N9127 Jonsch Dr.	Appleton, WI 54915	<a href="mailto:grabnerk@misd.k12.wi.us">grabnerk@misd.k12.wi.us</a>	Cell- (920) 450-1318
		Brzezinski, Josh & Megan	1601 Mesa Dr.	Green Bay, WI 54313-5398	<a href="mailto:j-brzezinski@hotmail.com">j-brzezinski@hotmail.com</a>	Cell - (920) 619-1441
		Kuhl, Sam & Crystal		Wawatosa, WI		
		Carli, Glenn & Ann	2490 Brenner Pl	Green Bay, WI 54301-1849	<a href="mailto:rgienn@advancedeyecarecenter.com">rgienn@advancedeyecarecenter.com</a>	Home – (920) 435-2020
		Clark, Norm & Alice	20693 Red Oak Dr	Lake Ann, MI 49650-9740	<a href="mailto:norcla@msn.com">norcla@msn.com</a>	
		Clark, Dan	6331 Sugar Maple	Lake Ann, MI 49650	<a href="mailto:danfishnow@gmail.com">danfishnow@gmail.com</a>	Home – (231) 944-5668
	Member	Crowe, Dave & Helen	120 S Basin Dr	Negaunee, MI 49866-9508	<a href="mailto:r.davidcrowe@yahoo.com">r.davidcrowe@yahoo.com</a>	Home – (906) 475-4603
					<a href="mailto:crowehelen@yahoo.com">crowehelen@yahoo.com</a>	Dave cell – 475-4770
X	Member	Foster, Dave & Nancy	12885 Green St	Grand Haven, MI 49417-8717	<a href="mailto:dnfoster@charter.net">dnfoster@charter.net</a>	Nancy cell – (616) 935-2329
	Member					Dave cell – (616) 844-5157
		Cryst, Brian & Jennifer	13791 Hofma	Grand Haven, MI 49417	<a href="mailto:jen@cryst.com">jen@cryst.com</a>	Home -- (616) 604-5124
					<a href="mailto:Brian@cryst.com">Brian@cryst.com</a>	Brian cell -- (616) 928-4078
						Jen cell -- (616) 881-6141
		Stirling, Bob & Amy	15455 New Holland St.	Holland, MI 49424	<a href="mailto:amylea14@yahoo.com">amylea14@yahoo.com</a>	Bob cell -- (616) 302-0535
						Amy cell -- (616) 938-9131
		Foster, John & Lindsay	9693 Delray	Cincinnati, OH 45242	<a href="mailto:john@rockedoutconstruction.com">john@rockedoutconstruction.com</a>	John cell -- (260) 639-2247
		Foster, Dan & Adriane	13757 Stafford Drive	Nunica, MI 49448	<a href="mailto:fosterd@mail.gvsu.edu">fosterd@mail.gvsu.edu</a>	Dan cell -- (616) 638-1849
	Member	Foye, Edith	PO Box 164	Two Rivers, WI 54241-0164	<a href="mailto:ediefoye@charter.net">ediefoye@charter.net</a>	Cell - (920) 860-9055
X	Member	Gunnufsen, Glen & Janice	8230 Wheatland Rd	Burlington, WI 53105-9423	<a href="mailto:jgunnufsen@wi.rr.com">jgunnufsen@wi.rr.com</a>	Home – (262) 537-2174
						Cell - (262)210-7605
		Gunnufsen, Nate				
		Gunnufsen, Josh				

ATTEND JUL16 ANNUAL MEETING	PLOA Members and Family JULY 2016 Annual Meeting Sign-in					
	Member	Name	Street	City/State/Zip	E-MAIL	PHONE NUMBER
X	Member	Haight, Tom & Debbie	8980 South 42 <sup>nd</sup> St	Franklin, WI 53132	<a href="mailto:tom@gladon.com">tom@gladon.com</a>	Home – (414) 761-2734
					<a href="mailto:deborahhai@aol.com">deborahhai@aol.com</a>	Tom cell – (414) 791-3137
		Haight, Eric	2800 N Lake Shore Dr, Unit 4215	Chicago, IL 60657	<a href="mailto:eric.r.haight@gmail.com">eric.r.haight@gmail.com</a>	(414) 791-8269
		Haight, Thomas Jr.	809 S. River St	Shawano, WI 54166	<a href="mailto:haightt13@gmail.com">haightt13@gmail.com</a>	(414) 791-8268
	Member	Hare, Doug (Beefy)	W1642 North St	Green Lake, WI 54941-9029		
X	Member	Hicks-Brown, Carol & Mike	946 Alpine Dr	Green Bay, WI 54311-5420	<a href="mailto:Chicks17@sbcglobal.net">Chicks17@sbcglobal.net</a>	Home – (920) 468-6924
						Cell – (920) 680-7020
		Petasek, Marilee & Kevin	5977 Degardin Rd	New Franken, WI 54229	<a href="mailto:kpetasek007@centurytel.net">kpetasek007@centurytel.net</a>	(920) 866-1141
		Van den Avond, Amber & Rory	8132 2nd Ave	Bloomington, MN 55420		
		Dorner, Kristi & Adam	620 Church Rd	Casco, WI 54205		
		Thompson, Marcia & Jay	3761 N Holland Rd	New Franken, WI 54229	<a href="mailto:toy4j@yahoo.com">toy4j@yahoo.com</a>	(920) 866-3155
		Thompson, Brittany	3761 N Holland Rd	New Franken, WI 54229		
		Hollar, Russell	3133 W 1000 N	Milford, IN 46542-9445		
X	Member	Janiak, Cliff & Margo			<a href="mailto:Cliff.janiak@gmail.com">Cliff.janiak@gmail.com</a>	
			24648 North 72nd Place	Scottsdale, AZ 85255-2714	<a href="mailto:margojaniak@hotmail.com">margojaniak@hotmail.com</a>	Cell – (414) 322-0176
	Member	Klump, Lynn	324 Dearing Dr	Shepard, MI 48883-9001		
		Knoke, Carol	2634 Greenwald St	Green Bay, WI 54301-1723		
X	Member	Madsen, Al & Pat	2604 Cove Creek Pl	Champaign, IL 61822-7520	<a href="mailto:Ap.madsen@comcast.net">Ap.madsen@comcast.net</a>	Cell -- (217)369-0439
					<a href="mailto:Patsym@comcast.net">Patsym@comcast.net</a>	Home – (217) 359-3492
		Wegner, Steve & Susan	1015 Knollwood Ln	West Chicago, IL 60185	<a href="mailto:susan.wegner@comcast.net">susan.wegner@comcast.net</a>	(630) 837-9866
		Hulten, Scott & Jill	618 Beach Ave	La Grange Park, IL 60526	<a href="mailto:hulteni@alexian.net">hulteni@alexian.net</a>	(708) 870-2115
X	Member	Novitski, Jim & Jackie	222 Mourning Dove Rd	Little Suamico, WI 54141-8716	<a href="mailto:jjnovitski@gmail.com">jjnovitski@gmail.com</a>	Home – (920) 826-7137
						Jim cell – (920) 373-8447
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					<a href="mailto:Obieobrien123@gmail.com">Obieobrien123@gmail.com</a>	Mike cell -- (920)-960-2999
X	Member	Paul, Bud & Becky	182 175 <sup>th</sup> Terrace Dr E	Redington Shores, FL 33708-1279	<a href="mailto:flapacker@gmail.com">flapacker@gmail.com</a>	Cell - (727) 742-6777
			PO Box 128	Iron River, MI 49935		
	Member	Pence, Bill (Ole)	PO Box 282	Iron River, MI 49935	<a href="mailto:wrpence@gmail.com">wrpence@gmail.com</a>	Cell – (414) 379-1208

ATTEND JUL16 ANNUAL MEETING	PLOA Members and Family JULY 2016 Annual Meeting Sign-in					
	Member	Name	Street	City/State/Zip	E-MAIL	PHONE NUMBER
X	Member	Petrimoulx, Hal & Nancy	414 Saint Ann's Circle	Phoenixville, PA 19460-1992	<a href="mailto:Hal_petrimoulx@msn.com">Hal_petrimoulx@msn.com</a>	Home – (610) 935-9239
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						Cell – (906) 248-0428
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X		Quinn, Colleen	244 N Knight St	Park Ridge, IL 60068	<a href="mailto:ce_quinn@hotmail.com">ce_quinn@hotmail.com</a>	(847) 696-9308
		Quinn, Caroline	698 NE Spanish River Blvd #14	Boca Raton, FL 33431	<a href="mailto:caroline.quinn@outlook.com">caroline.quinn@outlook.com</a>	(561) 305-1602
		Quinn, Kevin & Beth	819 Parkside	Elmhurst, IL 60126	<a href="mailto:kevinandbeth@comcast.net">kevinandbeth@comcast.net</a>	(630) 758-0612
		O'Connor, Kerry & Joe	345 Oak St	Elmhurst, IL 60126	<a href="mailto:jlquinn@hotmail.com">jlquinn@hotmail.com</a>	(630) 903-6639
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						Home - (906) 265-6585
		Robillard, Bill	3255 Nelson Ln	De Pere, WI 54115-9433	<a href="mailto:wirobil@gmail.com">wirobil@gmail.com</a>	
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						Home – (920) 722-2967
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		Sensenbrenner, Gail	9212 Tiverton Way	Louisville, KY 40242-3326		
		Sensenbrenner, Lyle & Judith	121 Dalkeith Gln	Arnold, MD 21012-2103		Home – (410) 975-5535
		Smith, Vain & Patty	1821 Washington Ave	Iron River, MI 49935		Home – (907) 799-9294
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		Crouse, Amy & Greg	5227 Nicholson Rd	Frankville, WI 53126	<a href="mailto:thehouseofcrouse@gmail.com">thehouseofcrouse@gmail.com</a>	
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					<a href="mailto:tom@rbscott.com">tom@rbscott.com</a>	Tom cell -- (715) 456-7272