

## Greetings from Pine Lake

*a letter from the chairman . . .*

Spring was late this year. Ice covered the lake for opening weekend of fishing, and the weather remained cool until the third week in May.

The Board of Lake Commissioners, however, has been busy all winter gearing up for spring and summer projects. Be sure to attend our Annual Meeting on Saturday, July 5<sup>th</sup> at 9:00 am at the Hiles Town Hall to hear plans for future activities.

The sediment removal project is moving forward. Phase One is complete, and we are ready to start Phase Two with approval for additional funds.

Three Commissioners are up for re-election: Jim Gehl, Paul Gagnon, and Terry Kloehn. All have agreed to run for another term, and any additional nominations will be accepted from the floor.

We hope to see a full house at the Annual Meeting on July 5<sup>th</sup>. Doors will open at 8:30 am with coffee and sweets.

*Terry L. Kloehn*

Chairman  
Pine Lake Protection & Rehabilitation District

### *Pine Lake Commissioners*

#### *Chairperson:*

Terry Kloehn  
8211 Hillview Lane  
Hiles, WI 54511

#### *Commissioners:*

Jim Gehl  
10231 N. Range Line Court  
Mequon, WI 53092

Paul Gagnon  
N77 W15001 Woodview Drive  
Menomonee Falls, WI 53051

Karl Tauer  
10796 W. Pine Lake Road  
Hiles, WI 54511

Mary Sprenger  
8400 W. Pine Lake Road  
Hiles, WI 54511

Richard Tarcin  
9621 N. Valley Hill Drive  
Mequon, WI 53092

You can contact us at our  
new address:

[pinelakeinfo@gmail.com](mailto:pinelakeinfo@gmail.com)

## Plant Harvesting

Ed Walder from Lake Renewal of Wittenberg, Wisconsin, is scheduled for aquatic plant harvesting on Pine Lake during the last week in June. Weather conditions will determine the exact start time, but it is hopeful that cutting will be completed by July 4<sup>th</sup>. A second cutting will be scheduled for August as needed.

## FCAL

Member Dennis Schumacher, Pine Lake's representative to FCAL, reports that overwinter fish kills were minimal this year. The Fall Forum of the FCAL will be held at Lake Lucern on September 13, 2014. All are encouraged to attend this event. Official information regarding spearing, numbers and kinds of fish caught, and other interesting facts concerning Pine Lake and neighboring lakes in Forest County will be posted on the DNR website, [www.dnr.wi.gov](http://www.dnr.wi.gov) and the Great Lakes Indian Fish & Wildlife Commission (GLIFWC), [www.glifwc.org](http://www.glifwc.org) when available.

Remember to visit our website for the latest information on Meetings, Records, Contact Information, and Important Links.

Go to: [www.pinelakedistrict.org](http://www.pinelakedistrict.org)

## Clean Boats – Clean Waters

The Clean Boats Clean Water program (CBCW) is back in place. Look for Paul and Dave when entering or leaving the Public Boat Landing. This year the PLPRD has received a \$4,000 state grant to help cover expenses. The Forest County Services has also agreed to let the District put the Lake Association dock back this year. Cold Paks from the DNR are offered to fisherman for keeping their fish cool.

Saturday, May 24<sup>th</sup>, was the first "good weather" weekend for fishing. On that day, 125 boats were in and out of the Pine Lake Landing.

On May 23<sup>rd</sup> the DNR increased the daily bag limit of walleye on Pine Lake from 2 to 3.

[www.Dnr.wi.gov/lakes/invasives/](http://www.Dnr.wi.gov/lakes/invasives/)

## Looking for Something to Do?

The PLPRD is always looking for volunteers to improve and protect Pine Lake and the District. We enjoy sharing your experiences through pictures and stories for our Newsletter. Any way that you can help or be an active participant is appreciated. Please contact any of the Commissioners through our email address: [pinelakeinfo@gmail.com](mailto:pinelakeinfo@gmail.com) For the latest information on Meeting Records, Contact Information and other important links to refer to our website at: [www.pinelakedistrict.org](http://www.pinelakedistrict.org)

## Pine Lake Dredging Project

Jim Grafelman of Chequamegon Bay Group, Inc. has prepared and presented his Draft Report of Task 1 of a Feasibility Study for the Pine Lake Dredging Project involving silt removal as commissioned by the District and approved at the Annual Meeting last July. Please refer to the website ([www.pinelakedistrict.org](http://www.pinelakedistrict.org)) for a complete copy of this report. It was agreed at the recent Quarterly meeting to proceed with completing Tasks 2 through 8 to provide a report of the Final Feasibility Study by August 31, 2014. This is designed to help the District decide whether or not to continue to the next phase. Grafelman will make a presentation and progress report at the PRPRD Annual Meeting on July 5, 2014. It is important for all District members to attend and participate in the discussion for a final decision.

Please mark you calendars!

Annual Meeting on Saturday,  
July 5th at 9:00 am at the  
Hiles Town Hall.

[www.pinelakedistrict.org](http://www.pinelakedistrict.org)

## **Pine Lake Water Quality Results for 2013**

The final results of water quality monitoring for 2013 are complete and summarized below.

### **2013 .....**

From late May to late September water clarity was sampled 14 times, ranging from 2.25 to 6.25 feet. The best reading was early June at 6.25 feet and the worst was mid July/mid August at 2.25 feet. The average summer (July-Aug) secchi disk reading was 2.6 feet, more than a foot worse than last year. Water clarity was ok in late May and early June, but declined significantly in late June and never recovered. Ice out was May 3<sup>rd</sup> versus March 22<sup>nd</sup> last year.

Phosphorus was sampled in April, June, July and August and Chlorophyll was sampled in June, July and August. Phosphorus readings were 33, 30, 39 and 48 PPB (parts per billion) respectively. All the samples were much higher than last year. According to the WIDNR, lakes with readings above 30 may experience noticeable algae blooms. The corresponding Chlorophyll readings were 17, 34, and 41 PPB with the threshold for Chlorophyll at 20. Again, these samples were also significantly higher than last year.

### **2013 vs 2012.....**

The 2013 summer average (July-Aug) secchi reading declined to 2.64 feet compared to 3.92 feet in 2012. The 2013 summer average (July-Aug) for Phosphorus increased to 43.4 PPB compared to 36 in 2012.

The 2013 summer average (July-Aug) for Chlorophyll increased to 37.5 PPB compared to 20.3 in 2012.

### **2014 .....**

This year we begin the 14<sup>th</sup> consecutive year of monitoring water quality on Pine Lake. Due to the late ice out again, sampling is off to a late start. See below for water clarity data thru 2013.....

**Pine Lake**

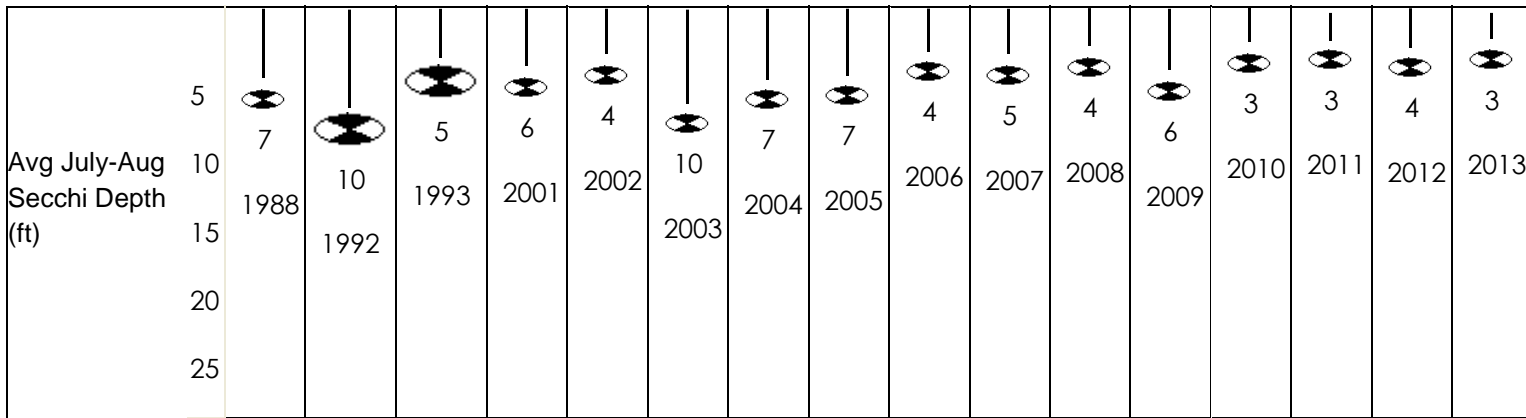
Lake Type: DRAINAGE

Forest County

DNR Region: NO

Waterbody Number: 406900

GEO Region: NE



If you have internet access, you can also view the results of 2013 sampling along with all the data from the past years by going to the following address on the WIDNR website.

<http://dnr.wi.gov/lakes/clmn/>.

Jerry Wolf

CLMN Volunteer/Pine Lake

## Treasurer's Report – 2015 Proposed Budget

Cash Balances as reported by Commissioner Sprenger dated May 22, 2014, show the following numbers: Checking Account: \$10,536.68; Money Market Account: \$145,199.14; Tax Freedom Account: \$25,150.40; CD: \$69,000. Attached is the proposed 2015 Budget. The commissioners agreed and recommended holding the tax levy the same as last year; the additional anticipated Dredging Study expenses would be paid through the existing funds.

# Pine Lake News

Spring  
2014

PINE LAKE PROTECTION AND REHABILITATION DISTRICT					
PROPOSED 2015 BUDGET					
					Proposed
	Budget	Actual	Budget	Est. Actual	Budget
	2013	2013	2014	2014	2015
<b>REVENUE</b>					
Tax Assessment	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Interest Income		\$200	\$200	\$200	\$200
CBCW Grant Income		\$1,000	\$4,000	\$4,000	\$4,000
Other Income		\$100			
<b>TOTAL REVENUE</b>	<b>\$30,000</b>	<b>\$31,300</b>	<b>\$34,200</b>	<b>\$34,200</b>	<b>\$34,200</b>
<b>EXPENDITURES</b>					
Administration	\$7,000	\$6,300	\$7,000	\$7,000	\$7,000
CBCW		\$11,500	\$5,000	\$7,200	\$8,000
Dredging Study		\$500	\$10,000	\$18,250	\$16,000*
Fish Stocking	\$5,000	\$4,250			\$5,000
Plant Harvesting	\$13,000	\$15,280	\$13,000	\$15,000	\$15,000
Tax Freedom Account	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Other					
<b>TOTAL EXPENDITURES</b>	<b>\$30,000</b>	<b>\$42,830</b>	<b>\$40,000</b>	<b>\$52,450</b>	<b>\$56,000</b>
<b>BUDGET SURPLUS/(DEFICIT)</b>	<b>\$0</b>	<b>(\$11,530)</b>	<b>(\$5,800)</b>	<b>(\$18,250)</b>	<b>(\$21,800)</b>
<b>Cash Balances Beginning of Year</b>					
Checking Account		\$6,046		\$14,433	\$5,591
Money Market Account		\$144,420		\$119,716	\$105,000
Tax Freedom Account + CD		\$15,123		\$20,142	\$25,450
TFA - CD		<u>\$69,000</u>		<u>\$69,000</u>	<u>\$69,000</u>
<b>Total</b>		<b>\$234,589</b>		<b>\$223,291</b>	<b>\$205,041</b>
<b>Cash Balances End of Year</b>					
Checking Account		\$14,433		\$5,591	\$3,791
Money Market Account		\$119,716		\$105,000	\$80,000
Tax Freedom Account + CD		\$20,142		\$25,450	\$30,450
TFA - CD		<u>\$69,000</u>		<u>\$69,000</u>	<u>\$69,000</u>
<b>Total</b>		<b>\$223,291</b>		<b>\$205,041</b>	<b>\$183,241</b>
<b>CASH INCREASE/(DECREASE)</b>		<b>(\$11,298)</b>		<b>(\$18,250)</b>	<b>(\$21,800)</b>
				*	\$6,000
				*	\$3,000
				*	<u>\$7,000</u>
					\$16,000

## Ecoli Testing

Member Jerry Wolf has been keeping track of the Ecoli testing done by the US Forest Service at the Federal campgrounds beach. To date none of the samples were high enough to cause a beach closing report; however, the increases since 2005 coincide with the CLMN Chemical testing results showing a corresponding increase in Phosphorous and Chlorophyll. Below are the results of the May 15, 2014 tests.

### Results of Ecoli testing by US Forest Service

Pine Lake Nat'l Forest Service Beach 2001 – 2013

Updated May 15, 2014

Threshold for closing beach is 235 according to Forest County Health Dept.

Forest Service has modified their level to 200 starting in 2009.

	June	July	August
2001	6	ND	20
2002	ND	10	ND
2003	ND	2	4
2004	2	96	2
2005	16	150	8
2006	ND	120	22
2007	190	40	12
2008	10	380	2
2009	4.0	36	200
2010	200	28	94
2011	98	96	14
2012	300	46	36
2013	110	36	10

## Pine Lake Contact Information

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