

**Big and Round
Lake, Pine, Rehabilitation and
Protection District The Church**





Board of Commissioners Meeting July 9, 2019



Board of Commissioners Meeting

Agenda

07/09/19

6:00 PM

Alden

Town Hall

- Call to Order
- Approve Agenda
- Public Input & Questions
- Big Lake Impaired Waters Listing Solutions – *Steve Schieffer*
- Secretary’s Report
 - Approval of 06/04/19 Board Meeting Minutes
- Treasurer’s Report
 - Approve 06/30/19 YTD Annual Operation Plan & Non-Lapsing Funds
- Chairman’s Report & Board Administration
 - Grant Status
 - Board Terms
 - Learning Opportunities
- Committee Reports (Includes Old Business)
 - Lake Management
 - Boat Landings – Update
 - Social Committee – Dinner Results
 - Other Committee Reports
- New Business
 1. 2018 Audit Results
 2. Proposed Zoning Maps & Shore Land Ordinance
 3. Land and Water Resource Management Plan (LWRMP)
 4. Schedule 2020 Budget Workshop
 5. Agenda Items for 08/06/19 Board Meeting
- Adjourn Meeting

(Action may be taken on any agenda item.)



Public Input & Questions



Big Lake Impaired Waters Listing Solutions

Steve Schieffer

Certified Watershed Manager

Ecological Integrity Service, LLC



Secretary's Report



06/04/19
Unapproved



Audit Committee: A report will be completed soon.

Clean Boats-Clean Waters Committee: Everything is on track for the 2019 season.

Dams Committee: No new activity at this time. There is concern for potential higher than normal lake levels this spring that will be watched closely.

Fisheries Committee Report: Kel Kobernick will replace Bob Meyer as the new Fisheries Committee Chairman. Kel will be looking for new ways to enhance the fisheries on our three lakes! The Board would like to thank Bob Meyer for his 7 plus years of dedicated service.

Lake Management Committee:

- a. Mike Reiter reported that Curly Leaf Pondweed treatment was again performed earlier this spring and each year the concentration of the invasive has been reduced.
- b. Beth Hartman provided a report on the progress of the Healthy Lakes Grant Program. Several 2018 projects have been completed and 2 project extensions have been obtained to be completed in 2019. Decisions on new Healthy Lake grant applications will be soon made.
- c. The current Big Lake Internal Load Study results were reviewed and valuable information has been generated over the last three years. Working with consultants and government agencies, a course of action will be formulated to devise a plan that gives us the best chance of getting Big Lake removed from the “impaired waters” list.

Boat Ramp Repair Project:

Greg Frost reported that the Big Lake boat launch improvement/renovation plans are still in the planning stages. A definitive direction will be plotted out once all the data and information is tabulated to resolve any questions concerning the landing. Repair of the ramp apron and addition of trap rock at the landing site are being considered in the immediate future.

Navigation Committee: The “No-wake” buoys have been placed at critical locations on all three lakes.

Social Committee: Plans are on track for 2019 activities. The Annual Social Dinner will be held on June 15th at Wanderoos and the July 4th Boat parade is scheduled for a noon start.

Website Committee: Tim Rudolph provided an in-depth review of activities on our website. Our site is receiving much activity and provides a valuable way for information dissemination. Many lake residents have used the site to register for the upcoming Social Dinner.

NEW BUSINESS

- a. The 2018 audit results will be available soon.
- b. 500 copies of a contour map of our lakes system which also has AIS information will be ordered as handouts at our two landings to complement our “Clean Boats Clean Water” program.
- c. A review of the terms of our current Board of Directors was provided along with a plan for future transition activity.
- d. Our next scheduled Board of Commissioners Meeting is set for Tuesday, July 9th starting at 6:00 pm.

Agenda Items for July Board of Commissioners Meeting:

06/04/19
Unapproved



**06/04/19
Unapproved**

1. Schedule Budget Workshop
2. Agenda items for 08/06/19 Board Meeting
3. Review Big Lake Internal Load recommendations

A motion to adjourn was made by Mike Reiter, seconded by Jerry Tack. Motion carried. Meeting adjourned at 8:00 pm.

Respectfully submitted: Mike Reiter (Acting Secretary)

Signed: _____ Date: _____ Title: Secretary



Treasurer's Report



Church Pine, Round and Big Lake Protection and Rehabilitation District

Annual Operating Plan (AOP) & Account Balances

6/30/2019

Annual Operating Plan	2018	2019 Actual		Forecast		2019 Approved Budget	Assumptions	
	Actual	Budget	YTD	Pending	Year End			
Operating Balance Carried Forward	\$33,760	\$31,795	\$34,390	\$0	\$34,390	\$31,795	Operating Balance Carried Forward	
Grant ACEI APMP Implementation	\$11,575	\$12,731	\$0	\$7,100	\$7,100	\$12,731	Awarded 2019 Grant Funding (75%)	by Grant at 67 - 75% Rate % Expenses Reimbursed
Grant Big Lake Internal Load	\$2,250	\$0	\$0	\$0	\$0	\$0	Grant Ends 12/31/19	
Grant CBCW	\$4,500	\$6,000	\$1,500	\$4,500	\$6,000	\$6,000	Anticipated 2019 Grant Funding (75%)	
Grant Healthy Lakes	\$6,195	\$0	\$0	\$0	\$0	\$0	Grant Ends 12/31/18 (Extended to 06/30/19)	
Miscellaneous	\$6	\$0	\$1	\$0	\$1	\$0	Unidentified Miscellaneous Upside & Transfers from NLFs	
Donation (Big Lake Store)	\$1,500	\$0	\$1,000	\$0	\$1,000	\$0	Big Lake Store Donation to Support Fish Stocking	
Sub Total (w/o Levy)	\$59,786	\$50,526	\$36,891	\$11,600	\$48,491	\$50,526		
Levy	\$29,353	\$29,353	\$18,443	\$10,910	\$29,353	\$29,353	No Change	
Total Revenue	\$89,139	\$79,879	\$55,334	\$22,510	\$77,844	\$79,879	Total Revenue	
Education and Travel	\$1,840	\$2,500	\$2,706	\$0	\$2,706	\$2,500	Commissioner's Attendance at WI Lakes Training, Travel	
Purple Loosestrife Control	\$650	\$1,250	\$0	\$1,250	\$1,250	\$1,250	Purple Loosestrife, Knotweed Control	100%
Curley Leaf Pondweed Control	\$13,524	\$14,475	\$7,802	\$2,000	\$9,802	\$14,475	Treatment, Monitoring, Surveys, Permits, Consulting	100%
AIS Monitoring	\$0	\$750	\$0	\$750	\$750	\$750	Annual Diver AIS & Zebra Mussel Monitoring	100%
Surveillance Cameras Services	\$1,933	\$2,169	\$0	\$2,169	\$2,169	\$2,169	Monitor videos, Seasonal Install & Removal, Internet	
Clean Boats Clean Waters	\$7,879	\$8,000	\$1,777	\$6,223	\$8,000	\$8,000	Supplies \$800 & \$7200 Salaries (600 hrs * \$12)	100%
Lake Maintenance Fund Transfer	\$5,000	\$5,000	\$5,000	\$0	\$5,000	\$5,000	Contingency for Dam, Dredging, No Future Grants, etc	
Insurance	\$1,439	\$1,439	\$1,445	\$0	\$1,445	\$1,439	District Liability and Property Damage Insurance	
Communications	\$1,341	\$2,000	\$1,450	\$550	\$2,000	\$2,000	Meetings Notices, Newsletter, Handouts, Postage etc	20%
Website	\$194	\$276	\$0	\$276	\$276	\$276	Website ... Site Maintenance	36%
Miscellaneous	\$4,246	\$4,500	\$642	\$3,858	\$4,500	\$4,500	Grants, Social, Dam Maint, Potty, Supplies, Oversights	
Meetings	\$776	\$300	\$0	\$300	\$300	\$300	Annual District Meeting Facility Rental	
Fish Stocking	\$6,500	\$4,000	\$0	\$5,000	\$5,000	\$4,000	Fish Stocking Run Rate	
Association Memberships	\$575	\$575	\$575	\$0	\$575	\$575	WI Lakes \$550 & PCALR \$25	
Water Quality	\$3,081	\$1,000	\$0	\$1,000	\$1,000	\$1,000	Big Lake Internal Load Study Grant Ends 12/31/19	
Grant Healthy Lakes	\$5,942	\$0	\$0	\$0	\$0	\$0	Grant Ends 12/31/18 (Extended to 06/30/19)	100%
Total Expenditures	\$54,921	\$48,234	\$21,397	\$23,376	\$44,773	\$48,234	Total Expenditures	
Operating Balance	\$34,218	\$31,645	\$33,937	-\$866	\$33,071	\$31,645	Operating Balance	

Account Balances as of 06/30/2019				
Checkbook		\$33,937	Lake Mgmt Fund	\$38,634
			Rapid Milfoil Response	\$15,069
Total		\$33,937	Total	\$53,703
Total of all Accounts =		\$87,640		



NLF YTD 06/30/19

Church Pine, Round and Big Lake Protection and Rehabilitation District Non-Lapsing Funds 06/30/19 YTD

Fund	2018 Actual	2019				2019 Approved Budget Assumptions	
		Budget	Actual YTD	Pending	Forecast YE		
AIS Rapid Response							
Balance Carried Forward From Prior Year	\$15,046	\$15,061	\$15,061	\$0	\$15,061	\$15,061	Balance Carried Forward From Prior Year
Payment From Operating Account	\$0	\$0	\$0	\$0	\$0	\$0	Payment from Operating Account
Interest Income	\$15	\$15	\$8	\$7	\$15	\$15	Interest Income
Grants Revenue	\$0	\$0	\$0	\$0	\$0	\$0	Grant Revenue
Total Revenue	\$15,061	\$15,076	\$15,069	\$7	\$15,076	\$15,076	
AIS Control	\$0	\$0	\$0	\$0	\$0	\$0	AIS Control Expense
Other & Transfers to AOP	\$0	\$0	\$0	\$0	\$0	\$0	Other & Transfers to AOP
Total Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	
Fund Balance	\$15,061	\$15,076	\$15,069	\$7	\$15,076	\$15,076	
Lake Maintenance							
Balance Carried Forward From Prior Year	\$28,586	\$33,611	\$33,617	\$0	\$33,617	\$33,611	Balance Carried Forward From Prior Year
Payment From Operating Account	\$5,000	\$5,000	\$5,000	\$0	\$5,000	\$5,000	Payment from Operating Account
Interest Income	\$32	\$25	\$17	\$8	\$25	\$25	Interest Income
Grants Revenue	\$0	\$0	\$0	\$0	\$0	\$0	Grant Revenue
Total Revenue	\$33,617	\$38,636	\$38,634	\$8	\$38,642	\$38,636	
Dredging	\$0	\$0	\$0	\$0	\$0	\$0	Dredging
Dam Structural Repairs	\$0	\$0	\$0	\$0	\$0	\$0	Dam Structural Repairs
Other & Transfers to AOP	\$0	\$0	\$0	\$0	\$0	\$0	Other & Transfers to AOP
Total Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	
Fund Balance	\$33,617	\$38,636	\$38,634	\$8	\$38,642	\$38,636	
Balance All Funds	\$48,679	\$53,712	\$53,703	\$16	\$53,719	\$53,712	



Chairman's Report

(Board Administration)



CLP, PL & Knotweed Control Grant

ACEI-211-18 APMP Implementation Grant Status Report

06/13/18

09/14/18

XX/XX/XX

5/31/2019

		Total Budget	Received or In Process	Budget Balance	Request 1	Request 2	Request 3
Consulting Services		9,750.00	1,377.75	8,372.25	196.15	1,181.60	0.00
Purchased Services		39,000.00	17,521.00	21,479.00	10,178.00	0.00	7,343.00
Supplies/Permits		1,090.00	37.77	1,052.23	0.00	31.07	6.70
Volunteer \$		1,440.00	615.00	825.00	126.00	381.00	108.00
<i>Volunteer Hours</i>		<i>120.00</i>	<i>51.25</i>	<i>68.75</i>	<i>10.50</i>	<i>31.75</i>	<i>9.00</i>
Total Project Exp.		51,280.00	19,551.52	31,728.48	10,500.15	1,593.67	7,457.70
Revenue		38,460.00	14,663.64	23,796.36	7,875.11	1,195.25	5,593.28
Reimbursement Rate	75%	75%					

Recorded but Missing Backup Items	Actual Invoice \$	Invoice #	Check #	Proof of Payment or Endorsement Bank Statement	Eligible Amount \$
Missing Item = ?					
Present Item = # or X					
Volunteer Hours					
Northern Aquatic Services	\$ 6,693.00	1901	?	? ?	\$ 6,693.00
Northern Aquatic Services	\$ 650.00	1822	4248	? ?	\$ 650.00
USPS via Gary Ovick	\$ 6.70	444094616	4255	? ?	\$ 6.70
Not Recorded					

SPL-396-18 Big Lake Internal Load Grant Status Report

XX/XX/XX

XX/XX/XX



	Total Budget	Received or In Process	Budget Balance	Request 1	Request 2
Non-State Lab	2,220.00	876.00	1,344.00	876.00	0.00
Purchased Services (Shipping)	240.00	0.00	240.00	0.00	0.00
Consulting Services (Modeling, P Budget, Report)	2,000.00	0.00	2,000.00	0.00	0.00
Travel & Training, Volunteer Services (Sample Collection)	360.00	0.00	360.00	0.00	0.00
<i>Volunteer Hours</i>	36.00	0.00	36.00	0.00	0.00
Total Project Exp.	4,820.00	876.00	3,944.00	876.00	0.00
Revenue (Max State Share)	3,000.00	545.23	2,454.77	0.00	0.00
Reimbursement Rate	62%				
Advance	2,500.00	2500.00			
Revenue - Advance	500.00	-1,624.00			

Recorded but Missing Backup Items		Actual Invoice \$	Invoice #	Check #	Proof of Payment or	
Missing Item = ?					Endorsement	Bank Statement
Present Item = # or X						
UofW Stevens Point Lab	6/8/2018	\$ 73.00	8000204	?	?	?
UofW Stevens Point Lab	6/22/2018	\$ 73.00	8000242	?	?	?
UofW Stevens Point Lab	6/26/2018	\$ 73.00	8000262	?	?	?
UofW Stevens Point Lab	6/13/2018	\$ 73.00	8000294	?	?	?
UofW Stevens Point Lab	7/17/2018	\$ 73.00	8000313	?	?	?
UofW Stevens Point Lab	7/26/2018	\$ 73.00	8000317	?	?	?
UofW Stevens Point Lab	8/10/2018	\$ 73.00	8000355	?	?	?
UofW Stevens Point Lab	9/12/2018	\$ 73.00	8000405	?	?	?
UofW Stevens Point Lab	9/12/2018	\$ 73.00	8000407	?	?	?
UofW Stevens Point Lab	10/16/2018	\$ 73.00	8000455	?	?	?
UofW Stevens Point Lab	10/16/2018	\$ 73.00	8000452	?	?	?
UofW Stevens Point Lab	12/4/2018	\$ 73.00	8000513	?	?	?

Not Recorded						
Volunteer Hours						
Postage						



Healthy Lakes Grant

LPT 553-17 Healthy Lakes Grant				11/02/18	XX/XX/XX
5/31/2019					
	Total Budget	Received or In Process	Budget Balance	Request 1	Request 2
Individual Project Cash Costs	19,000.00	6,603.40	12,396.60	6,603.40	0.00
Purchased Services (Promotion)	600.00	17.64	582.36	0.00	17.64
Consulting Services (Technical Assistance)	1,600.00	0.00	1,600.00	0.00	0.00
Travel & Training, Volunteer Services (Project Coordination)	480.00	1,656.00	-1,176.00	1,656.00	0.00
<i>Volunteer Hours</i>	40.00	138.00	-98.00	138.00	0.00
Total Project Exp.	21,680.00	8,277.04	13,402.96	8,259.40	17.64
Revenue (Max State Share)	16,260.00	6,207.78	10,052.22	6,194.55	0.00
Reimbursement Rate	75%				
Recorded but Missing Backup Items	Actual Invoice \$	Invoice #	Check #	Proof of Payment or Endorsement Bank Statement	
Missing Item = ?					
Present Item = # or X					
USPS via Gary Ovick	\$ 17.64	447857327	4259	?	?
		368316863658837			
Not Recorded					
Volunteer Hours					



\$\$ Grant Status \$\$

5/31/2019 Grant Summary

Grant	Description	Years	Total Project Cost			Total Reimbursement Pending		
			Budget	To Date	Balance	Budget	To Date	Balance
LPT-553-17	Healthy Lakes Project	2017-2018	22,680	8,277	14,403	17,010	6,208	10,802
ACEI-211-18	APMP Implementation	2018-2020	51,280	19,552	31,728	38,460	14,664	23,796
CBCW-XXX-19	Clean Boats Clean Water	2019	8000	0	8000	6000	1,500	4,500
SPL-396-18	Big Lake Internal Load Study	2018-2019	4820	876	3944	3000	-1,707	4,707
Total			\$86,780	\$28,705	\$58,075	\$64,470	\$20,665	\$43,805



Upcoming Aquatic Invasive Species Trainings

Hi all,

I hope everyone is having a great summer!

I wanted to let everyone know about three upcoming aquatic invasive species events I am hosting.

1. Aquatic Invasive Species Citizen Lake Monitoring Network training: Friday, July 12th, 1:30-3:30 at the Polk County Government Center: I have a few kits left if you would like to monitor your lake for invasive species, please get in touch with me
2. [Project RED](#) training: Friday, July 19th, 10-4 at the St. Croix Falls Public Library, register at the link
3. [Snapshot Day](#): Saturday, August 17th, morning at the St. Croix Falls Public Library, register at the link

Feel free to share this email with others on your lake.

Thank you!

Katelin Anderson

Information and Education Coordinator

Phone 715.485.8637

Fax 715.485.8642



St. Croix River
ASSOCIATION

Polk County
ESTD. BY THE LEGISLATURE

Wisconsin



PROJECT RED

JOIN THE ST CROIX RIVER ASSOCIATION, POLK COUNTY LAND & WATER RESOURCES DEPARTMENT, AND THE NATIONAL PARK SERVICE ON A QUEST FOR

AQUATIC INVASIVE SPECIES

LEARN HOW TO MONITOR YOUR RIVER BY CANOE, KAYAK, OR ON FOOT FOR SPECIES OF CONCERN, AND REPORT YOUR FINDINGS TO WI DNR. GET TO KNOW YOUR RIVER OR STREAM USING EASY AND FUN PROTOCOLS.

**WHEN: FRIDAY
JULY 19TH**

10:00AM-4:00PM

**WHERE: ST.
CROIX FALLS
PUBLIC LIBRARY**

Followed by a paddle on
the St. Croix River

**HELP PROTECT
WHAT YOU LOVE**

Learn more & register
online at:
stcroixriverassociation.com/events



SNAPSHOT DAY



Saturday August 17, 2019

A statewide search for aquatic invasive species

From 8:30 am - 1:00 pm

Join us at:

**St. Croix Falls Public Library
230 S Washington St.
St Croix Falls, WI 54024**

**FREE: tote bag, boot
brush, & more!**



All ages welcome - no prior experience required.

If you want to wade in or stay dry, there is a site for you.

For more information contact: ndutack@wisconsinrivers.org or 608-257-2424 x111

To register visit: wisconsinrivers.org/events

Hosted by River Alliance of Wisconsin in partnership with:





Wisconsin Citizen-based Monitoring Network



Photo: Debi Potts

Announcing the 9th Wisconsin Citizen-based Monitoring Network Conference March 20-21, 2020 in Manitowoc

Mark your calendars for next year's conference! This can't-miss event will offer opportunities to share your projects and experiences, networking time, great talks, information on the latest CBM programming, and more!

Stay tuned for additional information later this year on registration, a call for presentations, and other details via email and our website wisri.net/cbm.



District Commissioner Training

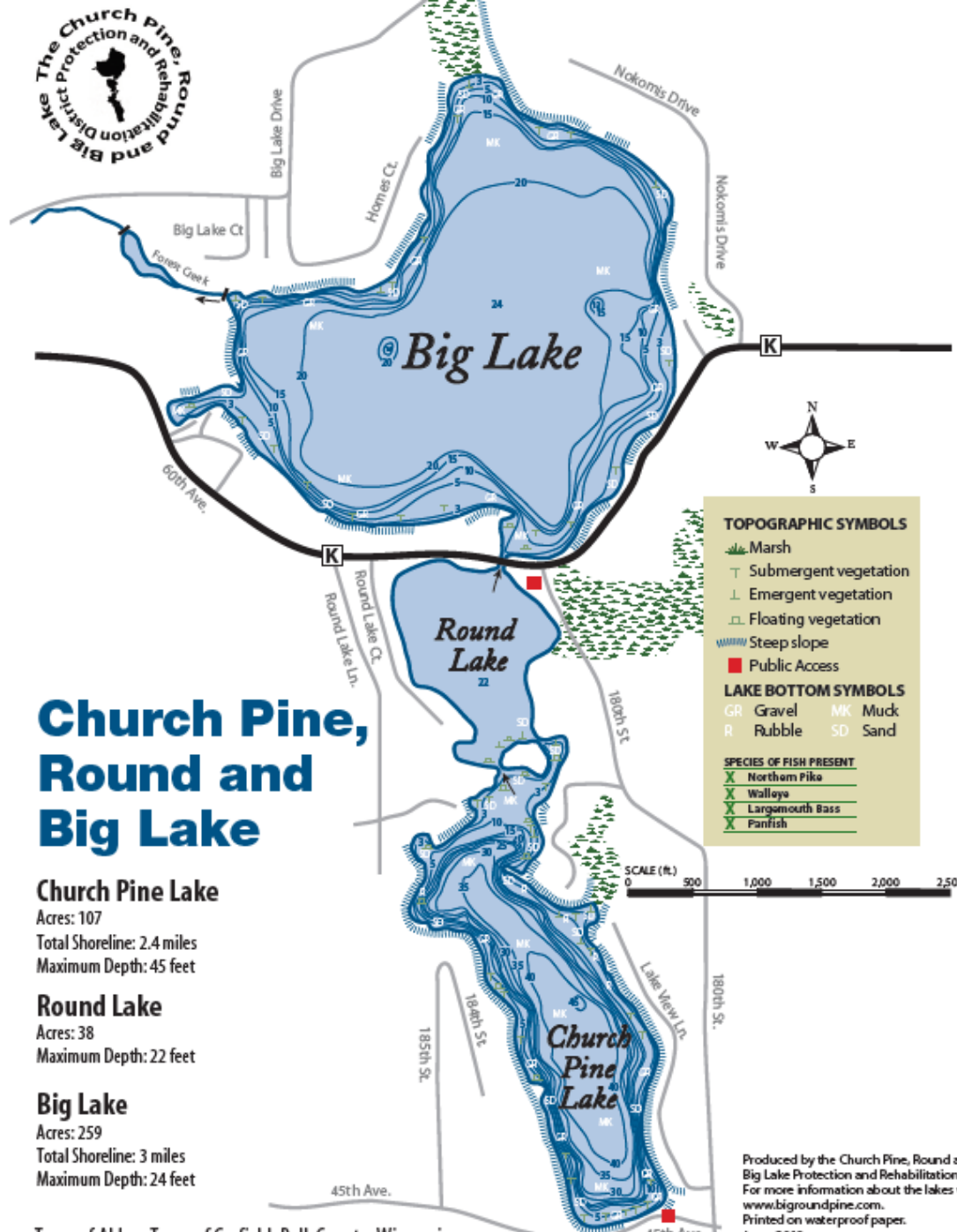
Lake District Commissioner Training is offered annually at the Wisconsin Lakes Convention in Stevens Point, sponsored by UW Extension, WDNR and the Wisconsin Lakes organization. Those who have attended claim the session to be essential to the role of a Lake District Commissioner, yet for some, the training is beyond their reach because it's too far to travel or too difficult to take time off to attend.

PCALR has an opportunity to bring this training course to Polk County, if enough interest. If you and/or fellow commissioners would attend, please complete this brief survey to help us determine the the course you would attend, the number of people from your District who would attend, and the days month of the year you would prefer.

Two sessions are planned, morning and afternoon, over one day, likely at the Justice Center in Balsam Lake in a classroom setting. Facilitator of both sessions is Eric Olson, Director, UW Extension Lakes.

[Please complete the survey here.](#)

Proposed fee: \$25 for the day with box lunch option at an additional cost.



TOPOGRAPHIC SYMBOLS

- Marsh
- Submergent vegetation
- Emergent vegetation
- Floating vegetation
- Steep slope
- Public Access

LAKE BOTTOM SYMBOLS

GR	Gravel	MK	Muck
R	Rubble	SD	Sand

SPECIES OF FISH PRESENT

- Northern Pike
- Walleye
- Largemouth Bass
- Panfish

Church Pine, Round and Big Lake

Church Pine Lake

Acre: 107
 Total Shoreline: 2.4 miles
 Maximum Depth: 45 feet

Round Lake

Acre: 38
 Maximum Depth: 22 feet

Big Lake

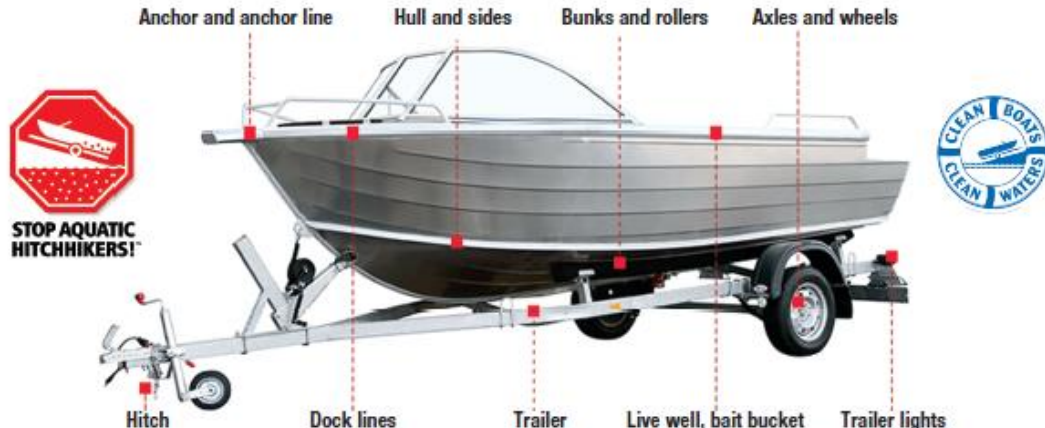
Acre: 259
 Total Shoreline: 3 miles
 Maximum Depth: 24 feet

Town of Alden, Town of Garfield, Polk County, Wisconsin

Produced by the Church Pine, Round and Big Lake Protection and Rehabilitation District. For more information about the lakes visit www.bigroundpine.com. Printed on waterproof paper. June, 2019

It's up to you to stop aquatic hitchhikers...

Clean your boat and equipment to prevent the spread of aquatic invasive species!



In Wisconsin it's the law*

Failure to follow these steps can lead to fines up to \$2000.

Aquatic invasive plants and animals such as Eurasian water milfoil, curly leaf pondweed, rusty crayfish, and zebra mussels are easily transported by boats and equipment as boaters travel from one lake to another. Fish diseases are easily spread when fish are transported from one water body to another.

It is important to follow these preventative steps for all water activities:

- Boating
- Using personal watercraft
- Shore and fly-fishing
- Sailing
- Scuba diving
- Waterfowl hunting

Be diligent! Even small fragments, roots or seeds transported by your boat and equipment can grow and infest another lake.

Before launching and before leaving a body of water:

- **Inspect** boats, vehicles, trailers, and equipment.
- **Remove** all attached aquatic plants and animals.
- **Drain** all water from boats, vehicles and equipment.
- **Never** move plants or live fish away from a water body.

Additional steps: If you are leaving a body of water with small organisms like zebra mussels or spiny water fleas and will be launching on another body of water:

- **Wash or spray** with hot water 140°F, or
- **Clean with steam** at 212°F, or
- **Wash or spray** with bleach 2.5 tbsp. per gallon of water, or
- **Dry for 5 days,** or
- **Freeze** at 26°F or below.

IMPORTANT: *Dispose of unwanted bait in the trash, not in the water or on land. Buy minnows from a Wisconsin licensed bait dealer.*

* State of Wisconsin: Section 30.715 WI Act 16 prohibits launching a boat or placing a boat or trailer in navigable waters if it has aquatic plants or animals attached.

* Polk County Ordinance 29-11: prohibits launching or operating on a public roadway any boat, boat trailer, or hunting, trapping, fishing, or boating equipment, including canoes, lines, anchors, nets, decoys, and waders if aquatic plants or invasive animals are attached.

Polk County Sheriff
715-485-8300
(non-emergency)

EMERGENCY DIAL 911



Lake System High Water

Status 07/07/19

- Saturated Wetlands Released Excess Water Into Creek 36-14 on Early Morning 7/5/19
- 12" Water Flowing Over The Big Lake Weir Dam
- 7 ½ " Flowing Over The Mill Pond Emergency Spillway (Assume 4 ½ Down The Culvert)
- Some Indication Of Water Receding Up Stream (Road Pictures)
- Actions Recommended By DNR "SNW Lake Wide Recommendation" Signs Posted At Landings And Bridge
- Notice Posted On Web w/Broadcast Email
- Residents With Low Unprotected Shorelines Sighting Damage

CAUTION
HIGH WATER
SLOW NO WAKE
Recommended
LAKE WIDE

Lake System High Water

Polk County Land & Water Resources Department

Jeremy Williamson 07/08/19

7:51am ... My guess is that you're seeing the effects of a strong hysteresis that can often be seen in hydrologic systems like drainage lakes. The physical flow of water in a stream will often lag behind the effects of precipitation. This is probably due to sub-surface flow and eventual discharge into the stream and the lakes. It is really unlikely that a beaver dam would have enough water behind it to cause that kind of lake level change. Along with increased runoff and subsurface flow there could be an increase in groundwater in the system because of the wet spring and summer that we have had so far.

3:44pm ... I surveyed the watershed this afternoon. I saw no evidence of any sort of breach from a beaver dam or otherwise on 75th Avenue. There was evidence of high water flow near Big Lake Drive. I will stand by my original analysis that there is a lag between flow/lake level and precipitation and the associated increase in groundwater input.

July 6, 2019



July 7, 2019



July 6, 2019



~2017



Mill Pond Dam

July 6, 2019





CAUTION

HIGH WATER

SLOW NO WAKE

Recommended

LAKE WIDE



The Lake District Does Not Have The Authority To Enact A Boating Ordinance

“An Inland Lake Protection and Rehabilitation District or Town Sanitary District can become an approved governing entity only when a resolution allowing such enactment and enforcement is passed by the (village, city or town), at least 50% of the approved governing entities having jurisdiction over the lake adopt a resolution authorizing the Inland Lake Protection and Rehabilitation District or Town Sanitary District to enact or enforce ordinances, and at least 60% of the lake’s shoreline is within the boundaries of the approved governing entities.”

PUB-LE-317-2018 , Bureau of Law Enforcement , Department of Natural Resources , Aug.2018

<https://dnr.wi.gov/files/PDF/pubs/le/LE0317.pdf>





Sample

Slow No Wake During High Water Periods

A Sole Ordinance to Regulate Boating Upon the Water of _____ and Prescribing Penalties for Violation Thereof.
The (County/City/Town/Village) Board of the (County/City/Town/Village) does ordain as follows:

Section 1 - Applicability and Enforcement: The provisions of this Ordinance shall apply to the waters of (Name of Waterbody). This chapter shall be enforced by the officers of the (County/City/Village/Town Board/governing agency).

Section 2 – Intent: The intent of this ordinance is to provide safe and healthful conditions for the enjoyment of aquatic recreation consistent with public rights and interests and the capability of the water resources.

Section 3 - State Boating and Safety Laws Adopted: State boating laws as found in ss. 30.50 to 30.71, Wis. Stats., are adopted by reference here.

Section 4 – Penalties: Wisconsin state boating penalties as found in s. 30.80, Wis. Stats., and deposits established in the Uniform Deposit and Bail Schedule established by the Wisconsin Judicial Conferences, are hereby adopted by reference and all references to fines amended to forfeitures and all references to imprisonment are deleted.

Section 5 – Severability: The provisions of this ordinance shall be deemed severable and it is expressly declared that the (County/City/Village/Town Board/governing agency) would have passed the other provisions of this ordinance irrespective of whether or not one or more provisions may be declared invalid. If any provision of this ordinance or the application to any person or circumstances is held invalid, the remainder of the ordinance and the application of such provisions to other persons or circumstances shall not be affected.

Section 6 – Definition: “Slow-no-wake” means that speed at which a boat moves as slowly as possible while still maintaining steerage control.

Section 7 - Slow No Wake During High Water Periods: No person shall operate a boat faster than slow-no-wake in the waters of (name of lake/river, etc.) when the water levels exceeds elevation (**insert elevation**) as based on the bench mark located at (**location**). This slow-no-wake restriction will be posted at all public access points when in effect.

Section 8 - Posting Requirements: The (County/City/Village/Town Board/governing agency) shall place and maintain a synopsis of this ordinance at all public access points within the jurisdiction of the (County, City, Town, Village) pursuant to the requirements of NR 5.15, Wis. Adm. Code.

Section 9 - Effective Date: This section will become effective upon its passage.

Passed this _____ day of _____, _____



Committee Reports

(Includes Old Business)



Audit Committee Report

See New Business



CBCW Committee Report



Boat traffic is down so far due to the cool and wet weather, especially on weekends.

Jerry Tack 06/30/19



Dam Inspection Committee Report

No New Report



Fisheries Committee Report

No New Report



Lake Management Committee Report

1. Aquatic Plant Management
2. Heathy Lakes Project
3. Big Lake Internal Load Project



1.0 Aquatic Plant Management

No New Activity



2.0 Heathy Lakes Grant Status

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
107 Sutliff Avenue
Rhineland WI 54501-3349

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



May 31, 2019

▶ GRANT TIME PERIOD EXTENSION ◀
Lake Protection
Grant# LPT55317 . 1
Grant Amount: \$17,010.00

Beth Hartman, Coordinator
Church Pine Round & Big Lake P & R District
551a 180th Street
Osceola, WI 54020

Dear Ms. Hartman:

The project time period has been extended for the following project: *HLK-Church Pine, Round & Big Healthy Lakes 2017*

This amendment extends the project period end date to December 31, 2019. Please consider this letter as your amendment for the time extension and attach it to your copy of the original grant agreement.

Please remember that in order to be eligible for reimbursement all costs must be incurred before December 31, 2019. Feel free to contact me at 715-365-8920, if you have any questions.

Sincerely,

Laura MacFarland
Environmental Grant Specialist



3.0 Big Lake Internal Load Project

See Steve Schieffer's Presentation
Big Lake Impaired Waters Listing Solutions



Navigation Committee Report

Casual observation of boat traffic this year indicates good compliance with no wake zones. The buoys do make a difference.

Jerry Tack 06/30/19



Social Committee Report

151 Paid Lake Social Dinner Attendees

75 – 100 Boats in 4th of July Parade



Web Site Committee Report

No New Report



New Business

1. 2018 Audit Results
2. Proposed Zoning Maps & Shore Land Ordinance
3. Land and Water Resource Management Plan (LWRMP)
4. Schedule 2020 Budget Workshop
5. Agenda Items for 08/06/19 Board Meeting



Audit of the Church Pine, Round and Big Lake Protection and Rehabilitation District's general account



First, a thank you again to Jerry Tack for doing a very nice job as Treasurer!

An audit of the Financial Records was conducted on July 1, 2019 by Joel Hazzard based on a request from Gary Ovick via Jerry Tack.

This audit includes a detailed review of all checks issued from the general account starting with check number 4162 through check number 4264 (from the time period of January 24th 2018 through December 11th 2018).

My audit concluded that the financial documents are in good order and that great care has been taken to ensure all payments, etc. have been properly recorded with sufficient backup records and related information maintained.

As part of the audit, I noticed payments made to two families (Wagner and Purdy) for shoreline restoration for a total of \$3,550, (\$2,700 for Wagner and \$850 for Purdy). The money was paid for various improvements including Rain Gardens, Inversion Fields, 50 bags of Mulch, Wild Flowers and other miscellaneous items. I could not determine if there was specific grant money paid to the Lake Associations general account to directly offset these payments. Please provide an explanation as to how the Lake Association was reimbursed for these expenses and if not why? If Grant money was used (based on tax dollars) to pay for these projects, I'm not sure that the Lake Association has or would approve of these specific types of expenses (Mulch, Rain Garden, etc.). I would recommend a full discussion on this subject at the next Lake Association meeting.

Joel Hazzard
July 1, 2019

1.0 2018 Audit Results



2.0



Polk County Department of Land Information

Planning | Zoning | GIS | Surveyor

100 Polk County Plaza, Suite 130
Balsam Lake, WI 54810

Phone (715) 485-9279
Fax (715) 485-9246

Steve Geiger, Interim Director

TO: Polk County Towns

FROM: Polk County Land Information Department-Division of Zoning *JK 6/14/19*

DATE: June 14, 2019

RE: Proposed Zoning Maps & Shoreland Ordinance

Dear Town Officials,

We have some important information regarding a proposed shoreland ordinance amendment, and a new proposed zoning map for the shoreland areas within your town. The shoreland areas are defined as any lands within 1000' of a navigable lake/pond and 300' from a river/stream. These areas are currently zoned Shoreland-General Purpose or Shoreland-Wetland.

The County completed a comprehensive rewrite in 2015-2016, and each town had the option to adopt in or out of County zoning. The comprehensive rewrite originally included comprehensive zoning districts like Residential, Agricultural 10, and General Business Commercial as an overlay within the shoreland areas. At that time, the County was informed by the DNR that this was no longer possible to put these zoning districts in the shoreland areas. However, recent changes in state law and an attorney general opinion allow these districts to be placed in the shoreland areas.

The County is required to administer zoning regulations in all shoreland areas under statute, so a town cannot opt out of County zoning for their shoreland areas. However, zoning is a form of local control and the County is seeking the Town's input in creating these maps. Once Town input is received, the maps will require approval of the Environmental Services Committee and County Board before passage.

Why is Polk County proposing to make these changes?

Answer: Assigning zoning districts to the shoreland areas of Polk County will offer a property owner to have their property zoned for a particular type of use instead of applying for a conditional use permit for each specific use. For example, someone wanting to start a small engine repair shop would currently have to apply for a conditional use permit, and if granted, would only be allowed to have a small engine repair shop. With zoning districts, the property owner would apply to be rezoned to Commercial, and could have a small engine repair shop or different commercial use without having to re-apply for another conditional use.

What does this mean for the Towns of Polk County?

Answer: The general zoning districts of the Polk County Comprehensive Land Use Ordinance will remain the same. The County would like each town to look at the proposed maps and compare the



2.1



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Steve Geiger, Interim Director

zoning districts proposed to their comprehensive plans and existing land uses. Please try to think of the commercial businesses or unique uses, like campgrounds or mechanic shops, that we missed when creating the proposed map.

The Process Going Forward

The Zoning Administrator will submit a petition to amend the Polk County Shoreland Protection Zoning Ordinance to the Polk County Board of Supervisors on October 1, 2019. The comprehensive zoning district text from the Polk County Comprehensive Land Use Ordinance will be inserted into the shoreland ordinance. The Environmental Services Committee will consider the petition and hold a public hearing with notice to the towns on the proposed amended ordinances. After the public hearing, the Environmental Services Committee will make a recommendation to the full County Board.

We appreciate your time and input on this map, as it is our intentions to involve the towns as much as possible with any proposed land use changes in the future. Please have any comments on the proposed maps returned to our department by October 1, 2019. If you have questions, concerns or want to discuss this information further, please contact our department at 715-485-9248.

Enc: Proposed Zoning Map
Proposed Shoreland Protection Zoning Ordinance

Cc: Polk County Lake Districts/Associations
Polk County Land and Water Resources



Article 6. Shoreland Zoning District Boundaries

A. All land within the shoreland area shall be placed within one of the zoning districts listed below. Uses within the shorelands shall conform to requirements of those respective districts and in addition, each use and property shall be subject to the other requirements of this Ordinance. The shorelands of Polk County are hereby divided into the following Districts with a Shoreland or Shoreland-Wetland overlay:

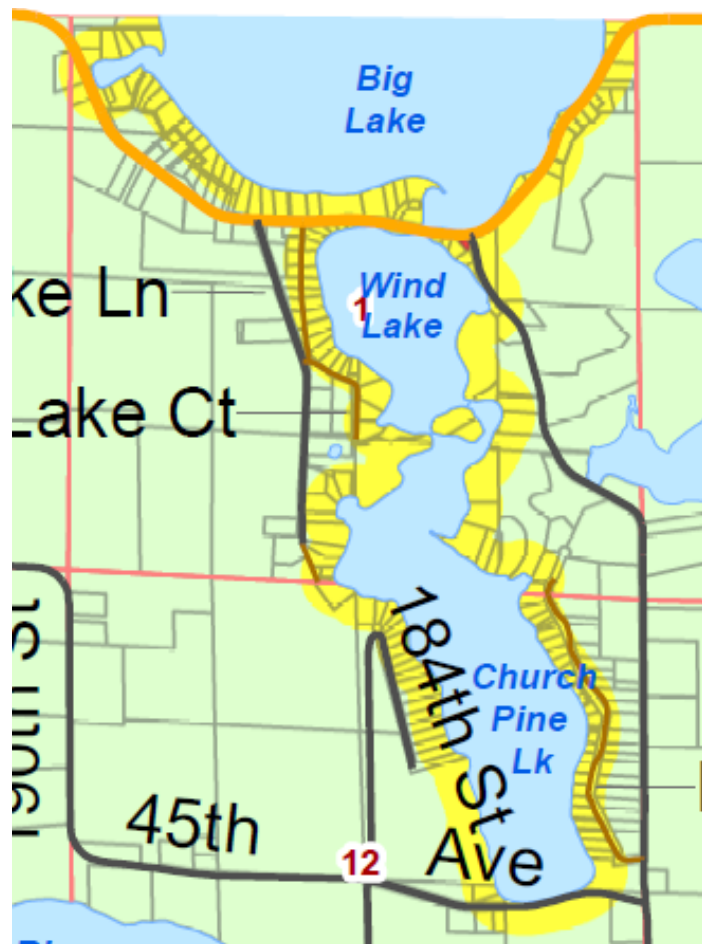
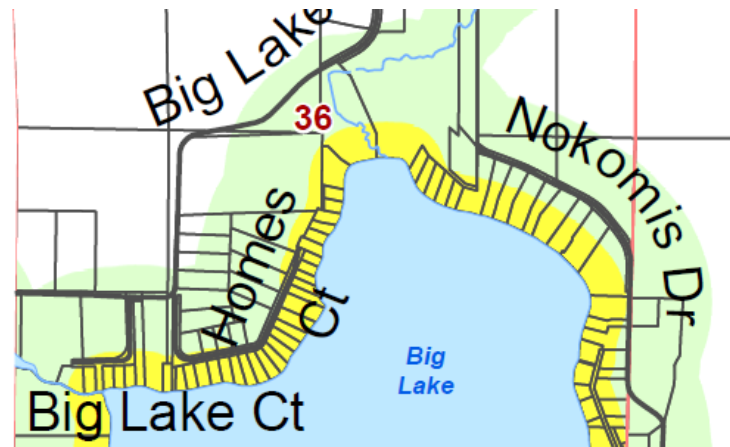
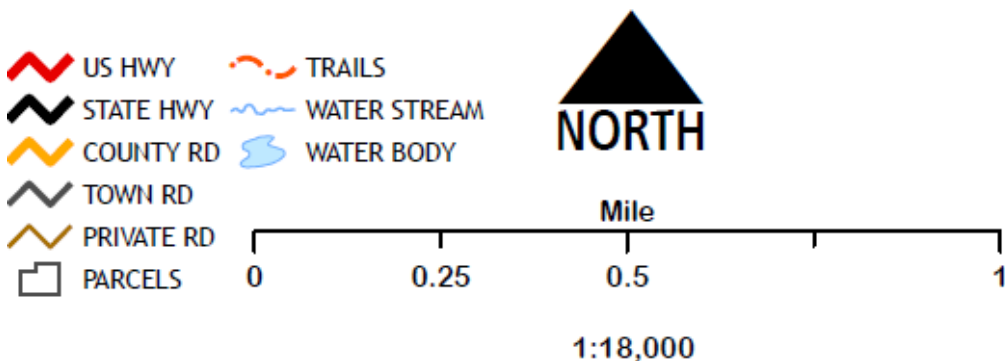
1. Residential (R-1)
2. Hamlet (H-1)
3. Residential-Agricultural 5 (RA-5)
4. Agriculture 10 (A-1)
5. Agriculture 20 (A-2)
6. Farmland Preservation (A-3)
7. Natural Resources (N-1)
8. General Business and Commercial (B-1)
9. Recreational Business and Commercial (B-2)
10. Small Business and Commercial (B-3)
11. Industrial (I-1)
12. Mining (M-1)



County of Polk, WI
 Dept. of Land Information
 Division of G.I.S.
 100 Polk County Plaza
 Balsam Lake, WI 54810
 (715) 485-9279
 www.co.polk.wi.us/landinfo

2.3

-  AGRICULTURAL 10 (A-1)
-  AGRICULTURAL 20 (A-2)
-  FARMLAND PRESERVATION (A-3)
-  GENERAL BUSINESS/COMMERCIAL (B-1)
-  HAMLET (H-1)
-  MINING (M-1)
-  NATURAL RESOURCES (N-1)
-  RECREATIONAL BUSINESS/COMMERCIAL (B-2)
-  RESIDENTIAL (R-1)
-  RESIDENTIAL-AGRICULTURAL 5 (RA-5)
-  SMALL BUSINESS/COMMERCIAL (B-3)





3.0

Polk County “2019 Land and Water Resource Management Plan” Review

This is a 10 year plan is focused on groundwater and land resources. It prioritizes a watershed approach. A **“Water Quality Management Area** = area 1000 feet from a lake or 300 feet from a stream of which 43% of Polk County qualifies.

Polk County:

- 956.5 sq. miles of area of which 39 sq. miles are lakes.
- 437 lakes, 365 miles of rivers and streams with 98 miles of trout streams.
- 2018 the population was 44,380 along with 24 towns, 10 villages and 2 cities.
- Lakes range widely in size and depth, with the largest being Balsam Lake (1,901 acres), Bone Lake (1,667 acres), and Lake Wapogasset (1,189 acres) and the deepest being Lower Pine Lake (102 feet).
- **Church Pine Lake = 107 acres (34’), Round/Wind Lake = 38 acres (22’) and Big Lake = 259 acres (24’) Total = 404 acres**

1. A **“watershed”** is defined as an area that drains all streams and rainfall to a common outlet. Hydrologic Units (Code) HUC usually designates portions of watersheds (smaller “watersheds”) and are on average 25-30 sq. Miles. The plan is bases on HCU’s. At an 8 Digit HUC level, the majority of Polk County falls within the Lower St. Croix watershed. At a 12 Digit HUC level, forty-two watersheds fall fully or partially within Polk County. (Pages 9 & 10)
2. The plan is rich in basic information about the physical make-up and productivity based on numerous factors too many to list here. One that stands out is “Ground Water Susceptibility” which our lakes are in an area noted as **“Most Susceptible”** (page 22).
3. Most of the pollutants that enter water resources are carried in runoff from many diffuse, or nonpoint sources. The major pollutants of concern are sediment (carried from areas with bare soil such as crop fields and construction sites) and phosphorus (both attached to soil particles and dissolved in water from fertilizers and animal waste). Many Polk County lakes are shallow and are as a result more susceptible to internal loading or the release of nutrients from lakebed sediments.
4. If a waterbody does not meet water quality standards, it is placed on Wisconsin’s Impaired Waters List under the Federal Clean Water Act, Section 303(d). Every two years the State of Wisconsin is required to submit list updates to the United States Environmental Protection Agency for approval. Twenty-eight waterbodies in Polk County are listed on Wisconsin’s 2018 impaired waters list. The majority of waterbodies are listed for total phosphorus and eutrophication/excess algae growth. Waterbodies can be listed as impaired based on pollutants such as total phosphorus, chlorophyll a (indicator of algae), total suspended solids, and metals. (List page 29)
Big Lake - Unknown pollutant - Excess algal growth (page 29)



3.1

Comprehensive Lake Management Plans

WDNR approved Comprehensive Lake Management Plans are usually updated every five years and exist for the following Polk County Lakes:

- Pipe and North Pipe Lakes 2018-2023
- Lotus Lake 2018-2022
- Big Blake Lake 2016-2021
- Long Lake 2017-2022
- Loveless Lake 2016-2021
- Bone Lake 2015-2020
- Big Round Lake 2015-2020
- Church Pine, Round, and Big Lakes 2013-2018** (n=9/437=2.1%)
- Apple River Flowage 2013-2018

Aquatic Plant Management Plans

In many cases an Aquatic Plant Management plan is required to apply for a permit to remove, add, or control aquatic plants. Generally, Aquatic Plant Management Plans describe the lake, present the aquatic plant management circumstances for a lake, and propose a set of goals and actions for managing aquatic plants in the lake.

WDNR approved Comprehensive Aquatic Plant Management Plans are updated every five years and exist for the following Polk County Lakes:

- Long Lake 2017-2022
- Apple River Flowage 2017-2022
- Deer Lake 2017-2022
- White Ash Lakes 2017-2022
- Staples Lake 2016-2021
- Balsam Lake 2015-2020
- Church Pine, Round, and Big Lakes 2015-2020** (n=10/437=2.3%)
- Lake Wapogasset/Bear Trap Lake 2015-2020
- Amery Lakes 2014-2019
- Bone Lake 2013-2018

Priority Watershed Plans

Priority watershed plans have been completed for the Balsam Branch Watershed, **Horse Creek Watershed**, and the Osceola Creek Watershed. **(Our lakes are in the "Horse Creek Watershed")**

Criteria were developed to rank watersheds at the 12 Digit HUC level to prioritize the workload of the Land and Water Resources Department. Descriptions of each primary and secondary factor important for ranking watersheds and final watershed ranking can be found below. **(We rank high in most areas (see last 1/3 of plan))**



4.0 Schedule 2020 Budget Workshop

Propose:

1. Thursday August 1, 2019

or

2. Friday August 2, 2019

9am @ Gary's House

(Need July YTD AOP/NLF results ASAP for workshop)



2019 Budget Workshop *Agenda*

**Thursday 08/01/19
9:00 AM
491 Lake View Lane
Osceola, WI 54020**

Meeting Objective

Complete a draft 2020 budget proposal for the entire Board of Commissioners to approve at the 08/06/18 Board Meeting.

Agenda

1. Call to order
2. Review Agenda
3. Review budget requirement per WI Statute 33.29
4. Review and adjust 07/31/18 “Pending” revenue and expenses numbers to develop an accurate 2019 year end forecast. (AOP & NLF)
5. Develop line by line, a 2020 Budget Proposal, starting with Expenses followed by Revenue. (AOP & NLF)
6. Distribute an e-copy of the results to the entire Board for review at the end of the meeting.
7. Adjourn Meeting



District Calendar 2018 - 2019

Board Meetings

Alden Town Hall
6pm

Annual Meeting

West Immanuel
Lutheran Church
9am

2018

- October 2 Board Meeting
- December 4 Board Meeting

2019

- March 5 Board Meeting
- April 2 Board Meeting
- April 10-12 WI Lakes Conference
- May 7 Board Meeting
- June 4 Board Meeting
- June 15 Lake Social Dinner (UW Wanderoos)
- July 4 Boat Parade (Church Pine)
- July 9 Board Meeting
- August 6 Board Meeting
- August 24 Annual Meeting & Board Meeting
- October 1 Board Meeting
- December 3 Board Meeting





5.0 Agenda Items for 08/06/19 Board of Commissioners Meeting

1. Board Nominations
2. Committee Status Review
3. Board Approval of 2020 Budget
4. Approve District Annual Calendar
5. Annual Meeting Planning and Agenda
6. Agenda Items for 08/24/19 Board Meeting



***Motion
to
Adjourn?***