



Meeting Minutes

Meeting date: Wednesday, June 19, 2019

The second 2019 meeting of the Polk County Association of Lakes and Rivers (PCALR) was held Wednesday, June 19, 2019 at 6:00 pm at the Polk County Government Center in Balsam Lake. The June meeting was the annual meeting.

Attending

Dave Millard, Wapogasset/Bear Trap; Rod Preble, Balsam; Gordon Kill, Big Round; Gary McDowell, Big Round; Ann and Mark Reidell, Little Butternut; Phil Foster, Bone; Sam Rivers, Big Blake; Ray Sloss, Balsam; Larry Bresina, Pipe Lakes; Paul Duxbury, Balsam; Katie Sickmann, St. Croix River Association; Kate Wright, St. Croix River Association and Deer; John Wright, Deer; Bob Goodlad, Cedar; Mike Reiter, Church Pine, Round, and Big; Philip Everhart, Lotus; Byron Karns, National Park Service; Kim Butler, Half Moon; Anna Turk, Long; Karen Engelbretson, Bone; Katelin Anderson, Land and Water Resources Department; Jeremy Williamson, Land and Water Resources Department; Rick & Nancy Ashley, Wild Goose; Bob and Lorraine Boyd, Bone; Kayla Boyd, Bone; Bob Vogt, Bone

Welcome and Introductions

Budget Items

Add speaker honorarium

Postage \$20

Office supplies \$100

Software \$40 (mail chimp)

Website \$160

State Annual Report \$10

Paypal account \$10

Meeting expenses \$100

Development and printing \$1000 (could include the Wisconsin Tourism Guide—aquatic invasive species, boating rules)

Training materials, manuals, publications \$200
Scholarship to the Wisconsin Lakes Convention \$200
Wisconsin Lakes Membership \$100
Committee expenses (attend County Board and Environmental Services Committee Meetings) \$100

Amend bylaws to raise membership to \$50 effective May 2020 (John made the motion and Gary seconded)

Membership

2019 membership year began on May 1st

Twenty-five members are needed to maintain the status of a Qualified Lake Association and the ability to apply for Wisconsin DNR grants

The organization has 12 members, with additional members signing up at the meeting
Anna did a renewal notice to all members this year

To become a member, click [here](#)

Discussion of Attendance at County Meetings

Attendance at Environmental Services Committee and County Board Meeting:
suggestion of \$25/meeting (\$50/month and \$600/year)

John Wright and Ray Sloss will each donate \$100 to subsidize meeting attendance

A team of people would be required to get coverage

A report out to share with PCALR members is necessary

Kim Butler will attend meetings

Elections

6 board members were elected

Karen Engelbretson, President

Anna Turk, Vice President and membership

Ray Sloss, Treasurer

Gary McDowell, at large

Jud Turk, webmaster

Kim Butler, at large

Secretary is open, minute duties will be shared among attendees

Larry made a motion to accept the motion and Rod seconded

UWEX Commissioner Training: Friday, October 4th

Twelve interested parties

Eric Olson will conduct the training

The training will be free to members. Membership or a \$25 donation is required to attend. Lunch will be available to attendees.

A description of the training details will follow.

Environmental Services Committee Meeting Updates by Kim Butler

Kim attended 3 of the last 4 ESC Meetings

Tourist rooming houses has been a large issue

Complaints of music, nudity, kayak wars, party central

Committee wants to limit occupancy based on septic system capacity, require a plan for parking, no RVs, no fires after 11, no fireworks, dogs must be restrained.

Some folks need the rental income to survive or are almost ready to retire

What is an owners right to do what they want versus someone's right to enjoy their quiet cabin ?

Permits required through Health Department.

Stowers and Gandy Dancer Trail and changing usage to allow ATVs year-round which has been a large issue.

26,000-hog CAFO farm proposed in Burnett County, with many finishing farms in the Town of Laketown. Concerns with manure runoff and odor.

Polk County tourism is greater than the state average (5% versus 4%)

Next meeting

Wednesday, August 21

Possible topic: Boating safety

Lake Maps

New lake maps with AIS messaging will be printed and available soon to those lakes that agreed to participate.

Adjourn the Business Portion of the Meeting

Presentations (focused on zebra mussels (ZM))

Kayla Boyd, Fish Diseases and Black Crappie Sarcoma Study Update

Presentation

Columnaris disease, gill flap can be peeled back and will be gray, common in spring.

Lympho-sarcoma, cancer caused by a virus, can result in a sore.

Walleye dermal sarcoma, cancer caused by a virus.

Viral hemorrhage septicemia, caused by a virus, more common in the Great Lakes.

Black crappie sarcoma, red blotchy sores that seep blood with a tumor below the sore.

Kayla did a literature review and surveyed people about the disease to create a chart of symptoms .

Proteomics study: Kayla pulled out proteins to make a library of different proteins found in fish tissue. When you pull the tissue under the sore it doesn't look like regular tissue so where does it come from? Found it was muscle tissue even though it didn't look like it. Very strong evidence that the cancer originates from muscle tissue.

Future goal is to consistently replicate without cell death and identify cell origin.

Kayla needs more live specimens

WDNR suggests not eating the fish and not throwing them back into the lake.

Kaya thanked the many partners involved in this project

John Wright, Deer Lake

In 2016 a citizen found a single ZM on a rock. They developed a search and education plan. Contacted lake residents, encouraged searching of lifts, contacted dock services and asked to inspect, most did contact the lake. Last fall when pulling docks, found ZM at two more locations.

Education presentation at Annual Meeting. Several volunteer searches (10-20 volunteers) to look at rocks. Three SCUBA dives. Two veliger tows, all came back negative.

Series of cement block or plate samplers (12 volunteers) with a form for volunteers to fill out. Volunteer hours can count towards WDNR grants. Plate sampler installed at public access. Calcium levels on the lake are marginal to support ZM.

Continue newsletters and direct mail. CBCW program with a new online sign-up program.

Wakeboard boats are a huge concern for the spread of ZM, because there are many places for water to accumulate that don't always get drained, and the boats are more difficult to drain.

Meeting with the Town of St. Croix but will be running electricity to the landing to put cameras and a pressure wash station.

A permit would not be given to do a whole lake treatment, the cost would run ~\$650,000

Alex Selle, WDNR Regional AIS Coordinator, covers 22 counties, including Polk
Environmental DNA (eDNA) can be used to indicate a presence or absence of ZM DNA in the water versus a density (veliger tows).

2019 Research: sample collection for eDNA on 15 lakes in the northern region.
SCUBA/snorkel transects on 5 lakes.

State Lab of Hygiene runs the samples.

[Lake and AIS Mapping Tool](#) is available to see species locations.

eDNA, along with veliger tows and SCUBA, has been done on a number of lakes. Deer Lake will be sampled for eDNA (and SCUBA) in 2019. Just eDNA will also be done on Bone Lake in Polk County.

Decontamination for citizens includes: inspect, remove, drain, never move.

Burnett and Washburn counties have enacted their own decontamination ordinance. DNR and those with DNR contracts/grants are required to disinfect in addition to decontaminate

Byron Karns, National Park Service and Katie Sickmann, St. Croix River Association

St. Croix National Scenic Riverway work is supported by the US Army Corp of Engineers. SCRA has 3-4 interns that help with veliger monitoring.

Zebra mussel sampling includes sampling plates, sampling blocks, and veliger tows. Blocks are monitored along the St. Croix River from Stillwater to the Mississippi River. Counts in 2018 dropped, perhaps due to high water levels, veliger reproduction is highest in early July when we have lately had high water. Veliger density sampling shows that as you move downstream veliger density increases. Dry docked boat sampling at 8-10 marinas on the Lower Saint Croix River to count ZM on the boats that are docked for the winter, further downstream = increased ZM densities. US Fish and Wildlife has multiple plate samplers at Polk County boat landings.

Katelin Anderson, Polk County Land and Water Resources Department (LWRD)

In 2017, LWRD completed the WDNR smart prevention protocol on Deer Lake. Protocol includes: veliger tows, spiny waterflea grab sample, a meander survey, rake throws, and target site/boat landing searches.

Since 2011, LWRD has completed this protocol on most Polk County lakes with boat landings. LWRD initiated a ZM Task Force in response to the ZM find on Deer Lake. Many volunteer programs for ZM and other AIS monitoring exist, LWRD provides free training.

Minutes respectively submitted by

Karen Engelbretson, President
Polk County Association of Lakes and Rivers
July 10, 2019

POLK COUNTY ASSOCIATION OF LAKES AND RIVERS

Income and Expense

June 1st - June 30th, 2019

	Total	
	June, 2019	Jan - May, 2019 (YTD)
Income		
Dues		
Mathew Berg		25.00
Karen Engelbretson		10.00
Cedar Lake		25.00
Deer Lake		25.00
Amery Lakes P&RD		25.00
Anna Turk		10.00
Wapogasset / Bear Trap Lake		25.00
Church, Round & Big Lake	25.00	25.00
Ray Sloss	10.00	10.00
Paul Duxbury	10.00	10.00
Big Round Lake	25.00	25.00
Horseshoe Lake	25.00	25.00
Gordan Kill	10.00	10.00
Kim Butler	10.00	10.00
Wild Goose Lake	25.00	25.00
Little Butternut	25.00	25.00
Little Butternut Sanitary District	25.00	25.00
Millard	10.00	10.00
Ashley	10.00	10.00
Bone Lake	25.00	25.00
Big Blake Lake Prot & Rehab Dist	25.00	25.00
Phil Foster	10.00	10.00
Balsam Lake P&R	25.00	25.00
Sub Total Dues	295.00	440.00
Donations		
Big Round Lake (DONATION!)	25.00	25.00
Gordan Kill (DONATION!)	10.00	10.00
Kim Butler	10.00	10.00
Ray Sloss (DONATION!)	100.00	100.00
John Wright (DONATION!)	100.00	100.00
Sub Total Donations	245.00	245.00
Total Income	\$ 540.00	\$ 685.00
Expenses		
COST OF OPERATIONS		
State Form 5 Filing Fee	10.00	10.00
Office Supplies	39.19	39.19
Website		50.00

PayPal		1.62		6.92
				0.00
Total BOARD ADMINISTRATION	\$	50.81	\$	106.11
Net Income	\$	489.19	\$	578.89

**POLK COUNTY ASSOCIATION OF LAKES AND RIVERS
ACTUAL vs BUDGET 2019**

	Actual June 2019	2019 Budget	Variance
REVENUE			
MEMBERSHIP DUES	440.00	525	(85.00)
PAYPAL	155.00		155.00
DONATIONS	245.00	260	(15.00)
DRAW FROM RESERVES		285	(285.00)
TOTAL REVENUE	<u>840.00</u>	<u>1,070.00</u>	<u>(230.00)</u>
COST OF OPERATIONS			
Office Supplies	39.19	40	1
Software		40	40
Website	50.00	50	-
Insurance			-
State Annual Report	10.00	10	-
Account expense (PayPal)	6.92	10	
TOTAL COST OF OPERATIONS	<u>106.11</u>	<u>150</u>	<u>41</u>
COMMUNICATION EXPENSES			
Meeting Expense		100	
Postage	-	20	20
Development & Printing			-
Presentations / Speaker fees			
TOTAL COMMUNICATION EXPENSES	<u>-</u>	<u>120</u>	<u>20</u>
OFFICERS EXPENSES			
Convention Expense		200	
Dues and Subscriptions		100	
Scholarship		200	
Training materials / Manuals / Publications		200	
Committee expenses		100	
TOTAL OFFICERS EXPENSES	<u>-</u>	<u>800</u>	<u>-</u>
TOTAL OPERATING COSTS	<u>106.11</u>	<u>1,070.00</u>	<u>60.81</u>
BALANCE	<u>733.89</u>	<u>-</u>	<u>(291)</u>
FUNDS IN RESERVE			
SAVINGS	5.00		
CHECKING	1,709.00		
TOTAL FUNDS IN RESERVE	<u>\$ 1,714.00</u>		