

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	January 8, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	April 9, 2019 at 7:00 p.m.	
Conducted by:	Nick Williams		
Recorded by:	Jorja Burke, Alternate Secretary		
ATTENDEE INFORMATION			
Attended	Name	Lake	Delegate
	Behr, Fritz	Lynx Lake	
x	Burke, Jeff	Van Vliet	
x	Burke, Jorja	Van Vliet	
	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
	Drum, Sue	Horsehead	
	Duke, Jim	Wildcat	
	Gorrilla, Colleen	Crab	
	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
x	Lewandoski, June	Rosalind/Papoose	
x	Logan Weber, Cathy *	Town Board Liason	
	Mawicke, Ann	Natural Lakes	
	Novak, Linda	Oxbow	
x	Novak, Otto	Oxbow	
	Phillips, Carol	Wildcat	
	Phillips, Richard	Wildcat	
	Plouff, Gary	Frontier Lakes	
	Preston, Tom	Katinka	
	Ruch, Bob	Carlin	

	Ruch, Judy	Carlin	
x	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
	Suffron, John	Annabelle	
	Suffron, Kay	Annabelle	
	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
	Wierzba, Tom	Big	
x	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	<u>Zarembka, Fred</u> *Indicates non-voting member	<u>Big</u>	

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams @ 7:02 p.m.
Pledge of Allegiance	All
Secretaries' Minutes	Approved as corrected: Interest was \$2.92, per Otto.
Changes/additions to agenda	None
Intro of new members/guests	<i>None</i>
Treasurer's Report/Budget	<i>Current balance \$3,855.84. \$2.92 interest.</i>
Correspondence	Nick advises he will send note to Lorine listing committee members.

. Old business	<p>a. Lake Study Grants for 2015. Underway. Waiting for report approval by the DNR.</p> <p>b. Lake Study Grants for 2016. Underway. Reports not sent to DNR as yet.</p> <p>c. Lake Study Grants for 2017. Underway and in various stages of disbursement. Oxbow Lake, Stateline Lake and Frontier Lakes and Natural Lakes still have expenditures pending. Whitewater continues to work on reports. Otto discussed reconciliation of 2017's grant (billing by Whitewater vs actual monies spent). Nick asked for an accounting of volunteer hours from key people in each member Lake Association (including Citizen Lake Monitoring, CBCW, association meetings, AIS training sessions, other educational items, time spent on newsletters, etc.). He will send a descriptive letter to each member Lake Association. Filing of this info is necessary when applying for various grants.</p> <p>d. Other: Question asked per Pat Barofsky's request re PITLC membership in "Vilas County Lakes and Rivers" organization: Nick has authorized Jorja to contact Pat for a form, request Lorine cut/send a check to be mailed either to the town hall or the library so newsletter is accessible to all PI citizens.</p>
New Business	<p>a. 2018 Lake Study Grants: Filed. Discussion ensued re grant application; including Lake Association responsibilities, Town responsibilities, and Whitewater's responsibilities along with the expectations of the DNR representative. In addition, some of the smaller lakes are being "adopted" by more active lakes to help with "Lake's Cash" payments.</p> <p>b. Other: Discussion of "Healthy Lakes Grant" for Pipke Park Ponds, spearheaded by Cathy Logan Weber.</p> <p>c. Next meeting is April 9, 2019 at 7 p.m. in the community center.</p>
Adjourn	<p>As there was no other business, meeting adjourned by Nick Williams. At 8:05 p.m.</p>

Unapproved minutes.

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	April 9, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	May 14, 2019 at 7:00 p.m. (proposed)	
Conducted by:	Nick Williams		
Recorded by:	Ann Mawicke, Alternate Secretary		
ATTENDEE INFORMATION			
Attendee	Name	Lake	Delegate
	Behr, Fritz	Lynx Lake	
X	Burke, Jeff	Van Vliet	
X	Burke, Jorja	Van Vliet	
	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
	Drum, Sue	Horsehead	
	Duke, Jim	Wildcat	
	Gorrilla, Colleen	Crab	
	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
X	Lewandoski, June	Rosalind/Papoose	
	Logan Weber, Cathy *	Town Board Liaison	
X	Mawicke, Ann	Natural Lakes	
	Novak, Linda	Oxbow	
	Novak, Otto	Oxbow	
	Phillips, Carol	Wildcat	
	Phillips, Richard	Wildcat	
X	Plouff, Gary	Frontier Lakes	
	Preston, Tom	Katinka	
	Ruch, Bob	Carlin	

	Ruch, Judy	Carlin	
	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
X	Suffron, John	Annabelle	
X	Suffron, Kay	Annabelle	
X	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
X	Wierzba, Tom	Big	
X	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	Zarembka, Fred *Indicates non-voting member	Big	

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams @ 7:00 p.m.
Pledge of Allegiance	All
Secretaries' Minutes	Approved as written
Changes/additions to agenda	None
Intro of new members/guests	
Treasurer's Report/Budget	Current balance \$3,855.84. \$2.92 interest. No change from prior meeting
Correspondence	None

<p>Old business</p>	<p>a. Lake Study Grants for 2015. Underway. Waiting for report approval from the DNR. Whitewater forgot to send the 2015 reports to the state. Otto had a meeting with Kevin Gautier and Dean Premo to make sure letter went to the state. Nick expects to hear mid-winter if the DNR approves the report.</p> <p>b. Lake Study Grants for 2016. Underway. Reports were just sent to the DNR, so Nick hopes the DNR finishes review of this report this summer.</p> <p>c. Lake Study Grants for 2017. Underway. Natural Lakes, Frontier Lakes, Stateline, and Oxbow. Plant work and documentation from the survey was done over the winter. Whitewater has floating workshops to do this summer. More work will be done this summer by Whitewater and the reports will be submitted in 2020. Members from those lakes may contact Dean Premo from Whitewater for preliminary information based on their survey work.</p> <p>d. Lake Study Grants for 2018/2019. Awarded. 12 lakes. DNR reimbursing us for 60% of the funding so the cash flow will be easier for the town of PI. Because of the number of lakes, we are splitting the work over two years. The lakes are split into two groups. Nick has told the first group they will owe their share of funds next year, the second group will do their work and then have to pay in 2021. Based on the size of this grant, the number of lakes in this grant, and that the work is split over two years, there will be no lake grants submitted this year in December 2019.</p> <p>e. PITLC is now a member in Vilas County Lakes and Rivers. Newsletters will be in the PI library.</p>
<p>New Business</p> <p>Next meeting</p>	<p>a. All Town Meeting – April 16, 2019 – Nick will attend</p> <p>Proposed: May 14, 2019 at 7 p.m. in the Community Center.</p> <p>Gary Plouff asked for feedback on volunteer hours turned into Nick.</p>
<p>Adjourn</p>	<p>As there was no other business, meeting adjourned by Nick Williams. At 8:05 p.m..</p>

Unapproved minutes.

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	May 14, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	June 11, 2019 at 7:00 p.m. (proposed)	
Conducted by:	Nick Williams		
Recorded by:	Jorja Burke, Alternate Secretary		
ATTENDEE INFORMATION			
Attended	Name	Lake	Delegate
	Behr, Fritz	Lynx Lake	
x	Burke, Jeff	Van Vliet	
x	Burke, Jorja	Van Vliet	
	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
	Drum, Sue	Horsehead	
	Duke, Jim	Wildcat	
X	Gorrilla, Colleen	Crab	
x	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
x	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
	Lewandoski, June	Rosalind/Papoose	
	Logan Weber, Cathy *	Town Board Liaison	
x	Mawicke, Ann	Natural Lakes	
	Novak, Linda	Oxbow	
x	Novak, Otto	Oxbow	
	Phillips, Carol	Wildcat	
	Phillips, Richard	Wildcat	
x	Plouff, Gary	Frontier Lakes	
	Preston, Tom	Katinka	
	Ruch, Bob	Carlin	

	Ruch, Judy	Carlin	
	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
	Suffron, John	Annabelle	
	Suffron, Kay	Annabelle	
	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
x	Wierzba, Tom	Big	
x	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	<u>Zarembka, Fred</u> *Indicates non-voting member	Big	

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams @ 7:00p.m.
Pledge of Allegiance	All
Secretaries' Minutes	Approved as written.
Changes/additions to agenda	None
Intro of new members/guests	None
Treasurer's Report/Budget	Current balance: \$3,858.69. (\$2.85 interest.)
Correspondence	<p>An email was received from Pat and Bob Barofsky re volunteers to replace them on the Vilas County Lakes and Rivers Association. They have served three 2-year terms, will not run for a 4th term and asked for a response from anyone interested in replacing them.</p> <p>Tricia/Northwoods Land Trust is involved in the study of old growth forest in the area. Per Nick, she is looking to speak to the Crab Lake Association about the old growth on Crab Lake. She is available to speak on the subject to other associations as well.</p>

Old business

- a. **Lake Study Grants for 2015.** Underway. Now in Kevin Gauthier's (DNR) offices. Final approval due by June 30.
- b. **Lake Study Grants for 2016.** Underway. Completed preliminary versions of reports have been received and need editing by Otto and Nick before sending to Dean Primo/Whitewater. The report will then be sent to the DNR for their approval.
- c. **Lake Study Grants for 2017.** Underway. All field work is complete.
- d. **Lake Study Grants for 2018/2019.** Underway. 2019 Schedule of Activities:
 - Shoreland assessment:** PI Lake 5/20, Annabelle 6/10-11, Anne & Red Bass 06/11, Wildcat 6/12, Averill & VV 6/20.
 - Point-intercept plant survey:** VV 7/1-2, Averill & Red Bass 7/3, PI 7/25-26, Anne & Annabelle 7/29, Wildcat (includes AIS & WQ) 7/30-31 & 8/1-2.
 - AIS and WQ (water quality):**
Ann, Annabelle & Red Bass 8/27, Averill & VV 8/28, PI 8/28.
- e. **Floating Workshops:** Morton & McCollough, 6/28; Little PI & Twin Island, 7/06; Beaver & Dunn 7/15; Oxbow 7/27; Stateline still to be scheduled...perhaps Carol Hartman would be interested in participating. If so, she could contact Nick.

Lynx Lake has adopted Red Bass Lake and will pay their fee; Crab Lake Assoc. may take on North Crab and Little Crab coverage.
- f. **All Town Meeting:** Nick gave the PITLC report to the town.
- g. **Other:** Larry spoke in regard to someone in a boat on Crab Lake who said he was mapping that lake. His registration was from Minnesota...it was curious.

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	June 11, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	July 9, 2019 at 7:00 p.m. (proposed)	
Conducted by:	Nick Williams		
Recorded by:	Ann Mawicke, Substitute Secretary		
ATTENDEE INFORMATION			
Attended	Name	Lake	Delegate
	Behr, Fritz	Lynx Lake	
x	Burke, Jeff	Van Vliet	
x	Burke, Jorja	Van Vliet	
x	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
	Drum, Sue	Horsehead	
	Duke, Jim	Wildcat	
	Gorrilla, Colleen	Crab	
x	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
x	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
x	Lewandoski, June	Rosalind/Papoose	
x	Logan Weber, Cathy *	Town Board Liaison	
x	Mawicke, Ann	Natural Lakes	
	Novak, Linda	Oxbow	
x	Novak, Otto	Oxbow	
	Phillips, Carol	Wildcat	
	Phillips, Richard	Wildcat	
x	Plouff, Gary	Frontier Lakes	
	Preston, Tom	Katinka	
	Ruch, Bob	Carlin	

	Ruch, Judy	Carlin	
x	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
	Suffron, John	Annabelle	
	Suffron, Kay	Annabelle	
x	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
	Wierzba, Tom	Big	
x	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	<u>Zarembka, Fred</u>	<u>Big</u>	

*Indicates non-voting member

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams @ 7:00p.m.
Pledge of Allegiance	All
Secretaries' Minutes	Approved as written
Changes/additions to agenda	None
Intro of new members/guests	Paul Lewandowski who is on the Winchester Lake Assoc Mavis Roesch from Presque Isle Lake Louise McManus Presque Isle Lake
Treasurer's Report/Budget	Current balance: \$3,858.69.
Correspondence	See Kiosk High Water reference in Old Business

Old Business	<p>a. Lake Study Grants for 2015. Underway. Now in Kevin Gauthier's (DNR) offices. Final approval due by June 30.</p> <p>b. Lake Study Grants for 2016. Underway. Nick read Lynx and Papoose lake reports and forwarded them to Dean Premo for adjustment. Nick also accessed wilderness waters online information and noted the inconsistencies from past and current studies. Nick thought that all work done up through last summer should be in the report with new information overlaying the old. In addition to Nick, Fritz Behr went through the reports for Lynx with Dean Premo and Dean made changes. Deadline for the end of the work on the 2016 grant has been extended from June to end of December. The shoreline assessment in 2016 did a parcel assessment for the first time assessing the shoreline status (erosion, mowed, invasives etc).</p> <p>c. Lake Study Grants for 2017. Underway. All field work is</p>
---------------------	--

	<p>complete. Nick has also done preliminary 2017 information review to check for inconsistencies. See 2019 Calendar at end of minutes for full schedule of remaining activities. Stateline is not on current schedule.</p> <p>d. Lake Study Grants for 2018/2019. Underway. This summer will be busy with survey activities. See 2019 Calendar at the end of the minutes for the full schedule.</p> <p>e. Kiosk High Water Signs – Thanks to Colleen and Larry Gorilla for quick turnaround. All signs were posted. Wildcat initially said they did not need it, but when water levels shifted and they did put it up. Armour does not have a formal landing so they ordered extra signs to post on multiple roads to notify homeowners from the road. DNR took exception and took down signs at Wildcat and Horsehead. The DNR considered them not approved because they are not part of any ordinance. It would be helpful if the town board had an ordinance that PITLC can invoke for a slow no wake warning to preserve safety to the residents. The signs would be managed by the lake associations.</p> <p>Louise McManus read correspondence received by Presque Isle Lake association saying the signs are not official and have no legal basis. The signs have been removed without any notification.</p> <p>Guidelines for the landing kiosks were established when the kiosks were built. 1/2 of signage space is dedicated to the DNR. The remaining half is split between town information and a lake association information. These signs were meant to be under the jurisdiction of lake associations.</p> <p>The challenge in this instance was timing of communication. Known dangers from submerged piers, erosion, and floating debris, coupled with the walleye tournament, prompted the quick need for signs. Nick sent an email notifying the lake associations the signs were going up. Lake associations were to send out the information to their membership. Communication was not complete to all parties.</p> <p>Otto Novak made a motion for Cathy Logan Weber to take this topic the town board to get a formal ordinance. The ordinance would provide the ability for PITLC to instill a no wake moratorium when the water levels are high. The signs are meant to inform residents and keep residents safe and preserve the environment. Motion was seconded Susan Sisbach. Voting was unanimous in favor.</p> <p>It would be up to the lake associations as to when the signs would come down.</p> <p>Inquiry was made as to how the lake associations can get the removed signs back.</p> <p>f. Thanks to Cathy Logan Weber for cleaning graffiti on Horsehead high water sign.</p>
New Business	<p>a. Cathy Logan Weber asked PITLC to consider adding the PI ponds to future lake study consideration.</p>

	<p>b. Fritz Behr appreciated the preliminary release of the lake reports for Lynx Lake. Fritz wanted to know if there is a shoreline stewardship brochure that could be sent out to new owners. Nick will add this to the July meeting.</p> <p>c. Fritz Behr would like to enquire about the lake associations potentially buying a dissolved oxygen meter. Paul Lewandoski said the Vilas County Lake and Waters Assoc got a grant to buy a dissolved oxygen meter and it will be housed at the DNR office in Woodruff. That meter would be available to PITLC lake associations. Contact info for the meter is Al Wirt alan.wirt@wisconsin.gov or 715 365-8905</p> <p>d. Ann will contact Lorine in PI office to find out if PITLC can have its own page on the PI website. Ann will draft ideas on content for a PITLC page and present at the July meeting.</p> <p>e. Paul Lewandowski announced Vilas and Oneida county are having the North Central Counties Lake Associations Conference – Clean Waters Our Mission/Our Legacy on July 12 at 9am at Nicolet College. Content would be of interest to lake associations.</p>
--	---

Next meeting	Proposed: July 9, 2019 at 7 p.m. in the Community Center.
Adjourn	As there was no other business to conduct, meeting adjourned by Nick Williams, at 8:20p.m..

2019 Survey Calendar

Date	Lake	Grant Year	Activity
6/10/19	Annabelle	2018	Shoreland and AIS Survey
6/12/19	Wildcat	2018	Shoreland and AIS Survey
6/17/19	Anne	2018	Shoreland and AIS Survey
6/18/19	Van Vliet	2018	Shoreland and AIS Survey
6/19/19	Averill	2018	Shoreland and AIS Survey
6/25/19	Presque Isle	2018	AIS Survey
6/28/19	Natural Lakes	2017	Floating Workshop #1
7/1 – 7/2/19	Van Vliet	2018	Point-Intercept Aquatic Plant Survey
7/3/19	Averill	2018	Point-Intercept Aquatic Plant Survey
7/6/19	Frontier Lakes	2017	Floating Workshop
7/15/19	Natural Lakes	2017	Floating Workshop #2
7/18/19	Wildcat	2018	AIS Survey
7/27/19	Oxbow	2017	Floating Workshop
8/1-8/2/19	Presque Isle	2018	Point-Intercept Aquatic Plant Survey
8/5/19	Ann, Red Bass	2018	Point-Intercept Aquatic Plant Survey
8/6/19	Annabelle	2018	Point-Intercept Aquatic Plant Survey
8/7,8/8,8/9/19	Wildcat	2018	Point-Intercept Aquatic Plant Survey

Unapproved minutes.

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	July 9, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	August 13, 2019 at 7:00 p.m. (proposed)	
Conducted by:	Nick Williams		
Recorded by:	Jorja Burke, Alternate Secretary		
ATTENDEE INFORMATION			
Attended	Name	Lake	Delegate
x	Behr, Fritz	Lynx Lake	
x	Burke, Jeff	Van Vliet	
x	Burke, Jorja	Van Vliet	
	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
x x	Drum, Sue and Al	Horsehead	
	Duke, Jim	Wildcat	
	Gorrilla, Colleen	Crab	
	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
x x	Lewandoski, June and Paul	Rosalind/Papoose	
x	Logan Weber, Cathy *	Town Board Liaison	
	Mawicke, Ann	Natural Lakes	
x	Novak, Linda	Oxbow	
x	Novak, Otto	Oxbow	
x	Phillips, Carol	Wildcat	
x	Phillips, Richard	Wildcat	
x	Plouff, Gary	Frontier Lakes	

	Preston, Tom	Katinka	
	Ruch, Bob	Carlin	
	Ruch, Judy	Carlin	
	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
	Suffron, John	Annabelle	
	Suffron, Kay	Annabelle	
x	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
x	Wierzba, Tom	Big	
x	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	Zarembka, Fred	Big	

*Indicates non-voting member

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams @ 7:00p.m.
Pledge of Allegiance	All
Secretaries' Minutes	Approved as corrected (Paul Lewandoski, who attended the 06.11.19 PITLC meeting, is a member of the Winchester Town Lakes Association.
Changes/additions to agenda	None
Intro of new members/guests	Paul Lewandoski/Winchester Town Lakes Assoc. & VCLRA; Bob Barofsky/Presque Isle Lake Association & VCLRA.
Treasurer's Report/Budget	Current balance: \$3,861.57..
Correspondence	None.

Old Business	<p>a. Lake Study Grants for 2015. Underway. Now in Kevin Gauthier's (DNR) offices.</p> <p>b. Lake Study Grants for 2016. Underway. At DNR.</p> <p>c. Lake Study Grants for 2017. Underway.</p> <p>d. Lake Study Grants for 2018/2019. Underway. Same as a,b,c.</p> <p>e. Floating Workshops - Frontier Lakes: Gary P. reported it as a good workshop, 14 attended on 2 pontoon boats. Discussion ensued re a new item "shoreland assessment" which has been added to the protocol; discussion re helpful links to completed reports back to Bonestroo; talked about riparian and littoral zones.</p>
---------------------	---

	<p>f. Kiosk High Water Signs Follow-up: All signs are down. It was suggested Lake Associations decide if/when signs are posted in the future. In Madison, John Reimer is designated as the emergency person for Dane County. In Madison, a water level marker is used. Concerns were discussed: water level, rain coming, are piers floating? In Dane County, recommendation is made to the Sheriff's Dept. to post/enforce this. Sheriff's, Dept., County Exec. and County Board Chair must sign off. Important when you rescind the high-water warning: rescind when determined level of lake by lake is @ ?? (Dane County procedure) level which will remain for 5 days; this past year, they went to 500' from the shoreline and then included the whole lake because it was easier to enforce. Otto is in favor of an ordinance and is willing to craft a document to recommend an ordinance be prepared by the Ordinance Committee. Otto/Paul will work on this. 1. Better wording of signs; 2. Ordinance to cover; 3. Risk mitigation plan for Town of PI. when used during high water situations. Need a risk mitigation plan for high water (ordinance). Cathy L-W explained how this is accomplished at the Town level.</p>
<p>New Business</p>	<p>a. Shoreline Stewardship Brochures: Several brought to the meeting. Fritz is interested in a document for distribution. Paul/WTLA & VCLRA is suggesting lake associations contact new residents with information tailored for each body of water. Realtors have been contacted. It's a work in process. Otto described a refrigerator magnet their Lake Association distributed via realtors. Bob B says PI Lake Association has almost completed theirs. Nick is suggesting a link to a welcome letter and brochure. Does the Chamber still have a welcome packet available? More to come.</p> <p>b. Dissolved Oxygen Meters: Fritz has a quote from Sandy Wickman/DNR of approx. \$2500 (the same type the DNR uses) with 100' cable length for a meter; storage of DOM to be in town offices, if possible, so available to all lake associations. Financing possibilities: PITLC, local Lake Associations and, per Fritz, perhaps Lynx would make a special donation. Procedures for using a DOM was also discussed. Fritz will follow-up.</p> <p>c. Website: This item deferred to August.</p> <p>d. Other: 1. Mosquito Spray (Bob Barofsky). Bob received a letter of concern from a PI resident re pyrethrum. He will email linformation re this compound used in insecticide sprays to Jorja for attachment (see below). 2. Kayaks recently went through tube from Horsehead to Little Horsehead. Questions: Who to talk with re replacement of culvert by Vilas County? Will this affect the depth of HH? Who's worry is this? Is it something PITLC should be concerned about? Discussion ensued. Brandy Lake, in Woodruff, was presented as an example. It is not known how far along this is. It is known there is a plan to replace one or more culverts in PI. The primary place of concern is "New Business d.2" (above) - culverts on Hwy B. Al Drum and Bob Barofsky will work on the culverts with the county. It has been noted that road closures are already posted along Hwy B. 3. Lynx Lake has adopted their Lake Management Plan. Papoose Lake Assoc. has scheduled a membership meeting re their LMP.</p>

<p>Next meeting</p>	<p>Proposed: August 13, 2019 at 7 p.m. in the Community Center.</p>
<p>Adjourn</p>	<p>As there was no other business to conduct, meeting adjourned by Nick Williams, at 8:35p.m.</p>

UNAPPROVED MINUTES

Mosquito Authority:

Started in 2002 – startup capital from Bill Gates
Growing by 60,000 customers per year.

Of course they don't tell you what their spraying, but I believe they're using Pyrethrum based chemicals.

Pyrethrum refers to the **Pyrethrum** daisy (*Chrysanthemum cinerariifolium*) from which the insecticidal compound is extracted. Also nicknamed Dalmatian chrysanthemum, this perennial daisy is loaded with chemicals called pyrethrins that are toxic to insects.

Pyrethrum and Synthetic Pyrethroids are neuro toxins they kill exposed mosquitos and mosquito larva by disrupting the nervous system.

Pyrethrins have been in agricultural use since the early 1970s. The EPA approves them because they break down relatively quickly, on land. In water they breakdown much more slowly.

Unless ingested, inhaled, or exposed to eyes humans tolerate pyrethrins OK. They are prescribed for hair lice and scabies.

The Mosquito Authority selling points:

We are using natural products – extracted from daisy. Opium Poppies are natural too. Mosquitoes kill more than 700,000 people every year and account for 17% of the estimated global burden of infectious diseases. – true enough, but we don't malaria, dengue, Zika virus, or yellow fever here.

Oh yes, there is West Nile Virus – Wisconsin year to date data:

From <https://www.dhs.wisconsin.gov/mosquito/wnv-data.htm>

2019 Wisconsin Summary Data Positive WNV Cases - Updated June 19, 2019	
Human confirmed	0
Human probable*	0
Deaths**	0
Hospitalizations	0
Avian (bird)	0
Equine (horse)	0
Mosquito pools	0
Counties reporting WNV activity	0

The following is cut and paste from - <http://npic.orst.edu/factsheets/pyrethrins.html>

What happens to pyrethrins in the environment?



In the presence of sunlight, pyrethrin 1, a component of pyrethrins, breaks down rapidly in water and on soil and plant surfaces. [Half-lives](#) are 11.8 hours in water and 12.9 hours on soil surfaces. On potato and tomato leaves, less than 3% remained after 5 days. Pyrethrins do not readily spread within plants.

In the absence of light, pyrethrin 1 breaks down more slowly in water. Half-lives of 14 to 17 days have been reported. When water was more acidic, pyrethrin 1 did not readily break down. Pyrethrins that enter the water do not dissolve well but tend to bind to sediment. Half-lives of pyrethrin 1 in sediment are 10.5 to 86 days.

Pyrethrins also stick to soil and have a very low potential to move through soil towards ground water. In field studies, pyrethrins were not found below a soil depth of 15 centimeters. However, pyrethrins can enter water through soil erosion or drift. In the top layers of soil, pyrethrins are rapidly broken down by microbes. Soil half-lives of 2.2 to 9.5 days have been reported. Pyrethrins have a low potential to become vapor in the air.

Can pyrethrins affect birds, fish, or other wildlife?

Pyrethrins are practically non-toxic to [birds](#) but highly toxic to [honey bees](#). However, some of the risk to pollinators is limited by their slight repellent activity and rapid breakdown.

Pyrethrins are highly to very highly toxic to [fish](#). They are also very highly toxic to lobster, shrimp, oysters, and aquatic insects. This may be partly due to their higher toxicity at lower temperatures. There is evidence that long term exposure to pyrethrins can cause reproductive effects in fish and aquatic insects. In separate studies, minnows and water fleas were exposed to very small amounts of pyrethrins for one month. Fewer minnow eggs hatched and fewer water flea young were produced.

Pyrethrin based products include:

ExciteR:

Pyrethrins 6%
Piperonyl Butoxide, Technical 60%
Other ingredients (includes petroleum distillates) 34%

Talstar P:

Active Ingredient: By Wt.

Bifenthrin* 7.9%
Other Ingredients: 92.1%
100.0%

Pyrethrins Links:

https://pyrethroids.com/about-pyrethroids/?gclid=EAlaIQobChMI1eig3_f_4gIVjMpkCh3fqQMIEAAYASAAEgJmuPD_BwE

<https://www.beyondpesticides.org/assets/media/documents/.../SyntheticPyrethroids.pdf>

Insect growth inhibitors (larvicides) appear to be less toxic – some are approved for indoor use:

Products like Tekko Pro:

Active Ingredients:

Pyriproxyfen: 1.30%
Novaluron 1.30%
Other Ingredients*: 97.40%

And Altosid Pro G

(S)-Methoprene (CAS #65733-16-6) 1.5%
OTHER INGREDIENTS: 98.5%
Total . . . 100.0%

Methoprene is suspected to be highly toxic to lobsters.

Unapproved minutes.

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	August 13, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	September 10, 2019 at 7:00 p.m. at the PICC,	
Conducted by:	Nick Williams		
Recorded by:	Judy Ruch		
ATTENDEE INFORMATION			
Attended	Name	Lake	Delegate
	Behr, Fritz	Lynx Lake	
	Burke, Jeff	Van Vliet	
	Burke, Jorja	Van Vliet	
	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
	Drum, Sue	Horsehead	
	Duke, Jim	Wildcat	
	Gorrilla, Colleen	Crab	
	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
x	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
x	Lewandoski, June	Rosalind/Papoose	
X	Lewandoski, Paul	Rosalind/Papoose	
x	Logan Weber, Cathy *	Town Board Liason	
x	Manwicke, Ann	Natural Lakes	
	Novak, Linda	Oxbow	
x	Novak, Otto	Oxbow	
x	Phillips, Carol	Wildcat	
	Phillips, Richard	Wildcat	
	Plouff, Gary	Frontier Lakes	
	Preston, Tom	Katinka	

x	Ruch, Bob	Carlin	
x	Ruch, Judy	Carlin	
x	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
	Suffron, John	Annabelle	
	Suffron, Kay	Annabelle	
x	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
x	Wierzba, Tom	Big	
x	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	<u>Zarembka, Fred</u> *Indicates non-voting member	<u>Big</u>	

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams.
Pledge of Allegiance	
Secretaries' Minutes	Under "New Business", the last sentence should read: "Papoose Lake Assoc. has NOT scheduled a membership meeting re their Land Management Plan.
Changes/additions to agenda	None
Intro of new members/guests	Jim and Lori Stines of Statehouse Lake stayed after the Stateline Floating Workshop.
Treasurer's Report/Budget	Current balance \$3,861.57. No transactions.
Correspondence	See discussion below

. Old business

- a. **Lake Study Grants for 2015.** At DNR.
- b. **Lake Study Grants for 2016.** At DNR.
- c. **Lake Study Grant for 2017-** Underway
- d. **Lake Study Grant for 2018/19 –** Underway
- e. **Floating Workshop for Stateline Lake –** held this evening, led by Dean Premo. 7 residents attended plus our PITLC. No invasives found, good FQI like most PI lakes. The study comprises 2 parts: the point intercept survey and the Shoreland and Shallows Habitat Monitoring. The last is newer and earlier studies didn't include it. This might be a good Action Plan for those lakes.
- f. **High Water Ordinance Crafting**
 1. The town said this was not their purview but the DNRs.
 2. It was noted that the town has no emergency plan for this event and also that septic fields and propane tanks could occur in flooded areas.
 3. Paul talked to Emily at the Discovery Center: rules for this must be lake specific as they are all at different elevations.
 4. Question: could the lake associations be given the authority to put up warning signs that do not have specific numbers & then take them down when the water recedes? They would do this "as deemed necessary".
 5. A discussion ensued about wake boats and their impact on shorelines especially in these high water conditions. They are currently included in Ordinance 501; or do they require a separate section? Several suggestions were given: put a buoy at the 200' mark to illustrate the distance; have an ordinance that specifies how many acres a lake must have to allow for wake boats; wake boats may need to be more than 200' from shore. Sarah Sisbach and Dave Vogt volunteered to study this, looking first at the current personal watercraft ordinance that PI already has in place. Discussion will continue on this issue.
- g. **Dissolved Oxygen Meter –** The DNR meter in Woodruff is difficult to get.
The Discovery Center doesn't loan theirs out. Buying one should be considered. If PI lake associations contribute to the cost, they will have access to it. Perhaps paying a small annual fee would provide for a maintenance fund. Further investigation is needed on its maintenance: how often it needs to be recertified and recalibrated; and on how much lake associations are willing to contribute for the initial cost. Nick will ask Fritz to continue this. Several committee members gave approximate amounts they thought their association might contribute. Also PITLC has some discretionary funds that might be used as well. Members are to ask their lake assoc. boards for funds.
- h. **Shoreline Stewardship Materials –** Nick brought some new ones. It was suggested that these be links attached to the PITLC website.
- i. **Culverts on Hwy. B –** Al Drum and Bob Barofsky have asked the highway people about the new culverts that are close to lakes. There is concern that these will carry more water during high water levels creating a worse situation for the lakes.
- j. **Additions to the town website –** Ann has suggestions to bring our PITLC part of the website up to date: all committees should have a separate tab; include our mission, purpose, & activities (grants, studies, etc.); have links to the studies reports; have helpful links like Shoreland Stewardship, how to ID invasives, how to get involved, how to find Vilas county lakes that have invasives. Ann has already done some of this for the Natural Lakes website.
- k. **Mosquito spraying –** Ann is investigating the rules concerning this: what licenses are needed, how close to water bodies they should spray etc.
- l. **Other-**
 1. Plum Lake has spiny waterflea.
 2. **Rusty crayfish –** small and largemouth bass feed on them. So on Big Lake there is only catch and release of these fish and the crayfish population appears to be down. In general the rusty crayfish have gotten a parasite causing liver disease. Crayfish numbers are down in Vilas County generally. Otters are perhaps part of this decline.

New Business	<ul style="list-style-type: none">a. Bob announced that the Vilas County Board of Adjustment meeting which is to discuss their ruling in the Carlin Club LLC property use has been postponed from August 16 to November 14, 2019. It will be held at the Vilas County courthouse at 9 AM.b. Ann is using GPS and Google maps to note where terrestrial invasives are. She will be happy to show others how to do this.
Next meeting	September 10, 2019 at the Presque Isle Community Center.
Adjourn	No other business, meeting adjourned by Nick Williams.

Unapproved minutes.

GENERAL INFORMATION			
Monthly Meeting Presque Isle Town Lakes Committee Aquatic Invasive Species	Date:	September 10, 2019	
	Time:	7:00 p.m.	
	Location	Presque Isle Community Center	
	Next Meeting Date/Time:	October 8, 2019 at 7:00 p.m. at the PICC,	
Conducted by:	Nick Williams		
Recorded by:	Judy Ruch		
ATTENDEE INFORMATION			
Attended	Name	Lake	Delegate
	Behr, Fritz	Lynx Lake	
x	Benn, Eric	Armour	
x	Burke, Jeff	Van Vliet	
x	Burke, Jorja	Van Vliet	
	Casey, Susan	Armour	
	Cerny, William	Lynx Lake	
	Czarny, Mike	Van Vliet	
	Drum, Sue	Horsehead	
x	Duke, Jim	Wildcat	
	Gorrilla, Colleen	Crab	
	Gorrilla, Larry	Crab	
	Gruca, Gary	Lynx	
	Higley Catherine *	Vilas C. Invas.Spec.Co	
x	Horswill, Bob	Armour	
	Jacobsen, Ronie	Van Vliet	
x	Lewandoski, June	Rosalind/Papoose	
X	Lewandoski, Paul	Rosalind/Papoose	
	Logan Weber, Cathy *	Town Board Liason	
x	Mawicke, Ann	Natural Lakes	
	Novak, Linda	Oxbow	
x	Novak, Otto	Oxbow	
	Phillips, Carol	Wildcat	
	Phillips, Richard	Wildcat	
x	Plouff, Gary	Frontier Lakes	

	Preston, Tom	Katinka	
x	Ruch, Bob	Carlin	
x	Ruch, Judy	Carlin	
x	Sisbach, Sarah	Presque Isle	
	Speer, Gail	Katinka	
	Strauss, Lynn	Horsehead	
	Suffron, John	Annabelle	
	Suffron, Kay	Annabelle	
	Vogt, Dave	Annabelle	
	Walters, Lorine	Horsehead/Town Clerk	
	Watkins, Mary	Carlin	
	Wiegand, Tom	Horsehead	
x	Wierzba, Tom	Big	
x	Williams, Nick	Crab	
	Wilm, Jill	Van Vliet	
	<u>Zarembka, Fred</u> *Indicates non-voting member	<u>Big</u>	

MEETING MINUTES	
Topic/Subject	Discussion Items
Call to Order	Nick Williams.
Pledge of Allegiance	
Secretaries' Minutes	No changes
Changes/additions to agenda	None
Intro of new members/guests	Eric Benn will represent Armour Lake
Treasurer's Report/Budget	Current balance \$3,861.57. No transactions.
Correspondence	See discussion below

<p>. Old business Nick provided detailed financial sheets for each grant.</p>	<ul style="list-style-type: none"> a. Lake Study Grants for 2015 – still have \$2,375 to pay out – then we file with DNR to get reimbursed b. Lake Study Grants for 2016 – still have \$1,800 to pay out “ “ “ “ “ c. Lake Study Grant for 2017- still have \$21,000 to pay out “ “ “ “ “ d. Lake Study Grant for 2018/19 – paid last December \$35,000 for Annabelle, Anne, Red Bass, Van Vliet, Averill, Presque Isle, Wildcat, and will also pay for North and Little Crab lakes. Contracted for \$179,280. e. High Water Ordinance Crafting The Town Board allows us to take up and down our warning signs for high water but they will not request an ordinance. The DNR still has 2 of our signs. f. Dissolved Oxygen Meter – We can purchase it from Xylem for \$2,333. For tax purposes the town will buy it and we will reimburse them. Lakes are sending in the money. Checks should be to Presque Isle Township. <ul style="list-style-type: none"> 1. Rules: <ul style="list-style-type: none"> a. It can only be used if Fritz has trained the user. He will give the protocol. Find out what has historically been done on your lake. b. Sign it out at the town office. c. Always test in the air first to see if it’s working. 2. Each year the DNR will calibrate it at the end of the season. We may get a bill later for maintenance. 3. The DNR will only pay for one lake using the Citizen Science \$250 support. It can be entered into the SWIMS data at no cost. g. Shoreline Stewardship Materials – Ann agreed to put these on the PITLC website. h. Culverts on Hwy. B – No news. They were installed lower so that kayaks could go through them. The question is if this lower level will draw down the lakes. We’d like to make sure the lakes remain at the same level. i. Additions to the town website – This winter Ann will send these to the committee. j. Other- 1. Sarah shared information she has gathered on wake-boating. The DNR can’t regulate boats just lakes. They said it would be difficult to enforce since different size wakes. We already have personal watercraft limited to the acreage of a lake (200 acres or more.) This could be helpful for these boats too. Also lake shape is very important for the effect on the shoreline. The lake surveys we have had done already give a number for the lake shape. Perhaps we could use that data. We need more information before asking the town to make an ordinance. Sarah will pursue this. <ul style="list-style-type: none"> 2. Carlin Lake would like to have a study on the shallows and littoral areas since this wasn’t included in their lake study. Otto said he’d pursue that since Carlin has a resort allowing the public in as well as conservancy land.
<p>New Business</p>	<ul style="list-style-type: none"> a. Bob reminded us that the Vilas County Board of Adjustment meeting which is to discuss their ruling in the Carlin Club LLC property use has been postponed from August 16 to November 14, 2019. It will be held at the Vilas County courthouse at 9 AM. We hope for good participation for that. b. Eric brought up discussion from the Economic Development Committee to have boat landing indicators at all PI landings. Some have a kiosk with a fire number but not all landings have a kiosk name of the road. This may help out-of-town people call for help in case of emergency. It was noted that Vilas County knows where you are when you call. The town issues the fire numbers so this is probably a town issue and not ours. PITLC built the kiosks and the DNR regulates what should be on them. Eric will pursue this.
<p>Next meeting</p>	<p>October 8, 2019 at the Presque Isle Community Center.</p>
<p>Adjourn</p>	<p>No other business, meeting adjourned by Nick Williams.</p>

Unapproved minutes.