

Description of Discussion

1. **Introduction:** The meeting held at Primal Eats started at 9:18 am. The sign-in sheets include 60 attendees representing 37 Moshawquit Lake properties. There were 82 attendees based on a manual count. The presentation deck is attached as Exhibit #1. See the deck for further information about each subject. Those details are not repeated below in these notes. Nick Romenesko #140, the MLA president, led the meeting which started with the introductions of 8 MLA board members:

Name	Property	Title	Status
Mark Emerick	117	Past President	Present
Corbin Keller	103	Member at Large	Present
Bob Kemps	33	Legal Advisor	Present
Joe Michel	16	Treasurer	Present
Steve O'Shea	114	Vice President	Present
Nick Romenesko	149	President	Present
Gary Sturtevant	126	Secretary	Present
Joel Hartjes	84	Member at Large	Present

2. **New Board Members:** Michael McDowell #127 and Gene Finn #145 were nominated to fill open board positions to replace Barb Kleiber #64 who resigned from the board earlier this year and Joel Hartjes #84. Dave Selleck #138 made a motion to approve the nominations. Victor Murphy #135 seconded the motion. The motion passed unanimously.
3. **Shoreline Remediation:** Emily Henrigillis from WAMSCO discussed shoreline remediation. Her slide deck is attached as Exhibit #2.
4. **2020 Annual Meeting Minutes:** Joel Hartjes #84 moved to accept the minutes for the 2020 annual meeting. Bob Kemps #33 seconded the motion. The motion passed unanimously. The minutes are accessible on the MLA website.
5. **New Property Owners:** Sandra & Bob Laskowski #70 are new property owners.
6. **Neighbors we've lost:** The group held a moment of silence to remember the neighbors that we've lost over the past year: LaVerne and Ray Schmidt, Jean Pooler and Claire Kronser.
7. **Financial Update:** Joe Michel #16 provided a financial update for the MLA. The total balance on hand as of April 30, 2021 is \$48,634,56 split between a checking account and a CD. The amount is relatively high because we could not run the DASH unit in 2020 so we did not incur most of the DASH unit expenses. We propose to use some of the funds this year for the DASH unit and a chemical treatment program (both are discussed below). The balance was built from the 2020 increase in the MLA dues. Donna DeGroot #146 requested that the membership vote to approve the dues increase. That vote was held later in the meeting after the discussion of the DASH and chemical treatment programs (see notes below).

8. **DASH Project:** We will run the DASH unit on Mondays and Fridays from June 18 to Sept 17. Michael McDowell volunteered to be the DASH project manager. We have hired a diver to help us but we need volunteers for all roles (diver, topside, weed disposal & kayaker). The sign-up system the link below.
<https://www.signupgenius.com/go/10c0a49a8ab2aa46-moshawquit>

9. **Eurasian Water Milfoil (EWM) Treatment:** We hope to do a chemical program in June to treat the most heavily infested areas of the lake. Plastic barriers will be used to keep the chemical over the treatment areas. The DNR helped us by borrowing barriers from other lakes. However, we still must borrow or build more barriers. We will need volunteers to help build, deploy and take out the barriers.

The total program cost is about \$9500 for the chemicals plus \$3000 if we must build the additional barriers. We hoped to get a DNR grant fund to fund the program, but our application was denied because Moshawquit is a private lake. We tried to get a hybrid designation for the lake because it is a public lake for Menominee tribe members, but that request was also denied.

We have the DNR's approval for the program but also need the Menominee tribe to approve it. The tribe will discuss the chemical treatment program at a June 4 council meeting.

If we cannot do the treatment in June, a second option is to do it in the fall.

A question was asked about the original EWM source. It probably came from Legend Lake. Unfortunately, it is not possible to filter the water that comes into Moshawquit Lake from Legend Lake.

Jane Sturtevant #126 moved to approve the chemical treatment program. Joe Chojnacki #26 seconded the motion. The motion passed unanimously.

10. **MLA Dues Increase:** The MLA dues were increased from \$100 to \$150 for single lot properties (\$200 to \$300 for double lot properties) in 2020 so we will have sufficient funds for the DASH and chemical treatment programs. We also need a balance to fund projects where we will get grant funding but only after the project is complete. The dues increase was discussed at the 2020 virtual MLA meeting but was not voted on at time. Mark Emerick #117 moved to approve the dues increase. Donna DeGroot #145 seconded the motion. The motion passed unanimously.
11. **Boat Parade:** The boat parade held last year on the July 4th weekend was well received and will be repeated this year. Gary Sturtevant will issue a notice just before that weekend. **Action: Gary Sturtevant #126.**
12. **Fish Survey and Habitats:** The slides provide information about both projects. Ryan Wehse, the Menominee Indian Tribe Fish Biologist, did the fish survey and a few small-scale tree drops to improve the fish habitats on our lake. Ryan is trying to get the tribe to approve much larger tree drops along the tribal shoreline. The fish habitat along the property owner's shoreline is not very good and could benefit from tree drops. If any property owners are interested in tree drops on their property, please contact Gary Sturtevant and he will put you in contact with Ryan.

13. **Dam Damage:** The Menominee tribe is responsible to fix the damaged dam. We are waiting for the tribe to take action.
14. **Yard Waste and Composting:** Two options exist to dispose of yard waste – the Legend Lake compost site and the Shawano county landfill. There is a \$50 annual fee to use the Legend Lake facility. The Shawano county landfill will take leaves and general yard waste for free but may charge a small fee for branches.

Dumping yard waste on the other side of Moshawquit Lake roads onto tribal land is illegal and cannot be tolerated.

15. **Boater Safety:** Please review the Safe Boating and Boat Landing Rules especially if you have guests who might not be familiar with those rules. If you see a boating safety violation, please try to have a friendly discussion with the offender.

Please keep your boats away from all buoys. Some buoys mark EWM locations. If boats or jet skis get too close to those areas, they will cut up EWM which then floats away and infests other areas.

Michael McDowell recommended the on-line DNR boater safety course for everyone but especially for young people. You can find the course at the link below.

<https://dnr.wisconsin.gov/Education/OutdoorSkills/onlineEd>

16. **Fishing Rules:** A member asked if the DNR or the tribe sets the Moshawquit Lake fishing regulations. No one knew the answer. Gary Sturtevant will ask Ryan Wehse this question. **Action: Gary Sturtevant #126.**
17. **Aerators:** Wisconsin law requires that all aerators be marked with signs and barriers. The objective is to prevent people from falling into open water. We had one incident last year.
18. **Local Human Society:** Steve O'Shea talked about the dog problem on the Bass Lake Road property near VV. Keshena Animal Rescue and Help is aware of the situation and has been in contact with the owners. Their website <http://www.kahrwi.org/>. One of their people lives just off VV near Legend Lake.
19. **Airbnb/VRBO Rental Properties:** At the 2019 annual meeting, the board was asked to investigate the idea to amend our bylaws to discourage property owners from listing their properties on Airbnb or VRBO. We cannot legally revise our bylaws to include rules that prevent property owners from renting out their properties. A revision to discourage rentals does not provide value since we cannot enforce it. In addition, there are property owners who rent their properties in a very responsible manner such as Lynn & Victor Murphy #135. Lynn provided details about their rental process which includes a binder with rules, video and a signed contract. Our best approach is just to monitor the situation and provide feedback about any problems.
20. **Resurfacing of Trillium and Mip Anaq Roads:** These roads will be repaved but the timing is unknown.

21. **Reforestation of Clear Cut Areas Along Trillium and Mip Anaq Roads**: This area will be planted with pine trees later in 2021. The COVID-19 pandemic delayed the project.
22. **Potential Development of the Area Between Emile Court and Moshawquit Lake Roads**: Rob Harris #35 reported that the tribe is doing soil testing, archeological digs and surveying in this area. Early information is that the tribe might rent out plots for trailers to tribe members.
23. **Meeting Adjournment**: Mark Emerick #117 moved to adjourn the meeting. Joe Chojnacki #26 seconded the motion. The motion passed unanimously. The meeting adjourned at 10:39 am.

Submitted by:

Gary C. Sturtevant
May 30, 2021

Attached Exhibits:

1. Moshawquit Lake Association 2021 Annual Meeting agenda presentation deck
2. Shoreline Remediation presentation by Emily Henrigillis from WAMSCO

Exhibit 1

Moshawquit Lake Annual Meeting 2021

MAY 29, 2021

1

Introductions

- ▶ Nick Romenesko – President
- ▶ Steve O'Shea – Vice President
- ▶ Gary Sturtevant – Secretary
- ▶ Joe Mitchel – Treasurer
- ▶ Corbin Keller – Member at large
- ▶ Joel Hartjes – Member at large
- ▶ Bob Kemps – Legal Advisor
- ▶ Mark Emerick – Past President

New Board Members

- ▶ Gene Fink
- ▶ Michael McDowell

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Past year's meeting

- ▶ Meeting minutes from last year are available on our new website
<https://moshawquitlakeassociation.org/meeting-notes/>
- ▶ Motion to approve

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Warm Welcome to our new neighbors!

- ▶ Sandra and Bob Laskowski #70 (formerly Comstocks. Comstocks are currently building on the vacant lot adjacent to #70)
- ▶ *If you are looking to sell your cottage, feel free to contact the board or Gary and we will inform our members. If someone knows of a potential buyer, we can help grow our community and save on costly realtor fees.



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Neighbors we've lost

- ▶ LaVerne and Ray Schmidt – #116
- ▶ Jean Pooler – Mother of Anne Dewitt (husband Dean Dewitt) #55
- ▶ Claire Kronser – Mother of Carrie Hawley (Husband Pat Hawley) #25

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Financial Update

Moshawquit Lake Association Summarized Treasurer's Report 05/01/2020 - 04/30/2021 Consolidated		
		Balance on Hand 04/30/2020
First State Checking Account	Starting Balance	\$ 12,668.78
	Receivables	\$14,007.97
	Transfer from CD	\$4,236.71
	Disbursements	\$9,215.89
	Transfer to CD	
	Ending Balance	\$13,224.15
CD & Savings	Starting Balance	\$ 25,626.71
	Interest	\$ 572.81
	Transfer to Checking	\$
	Transfer from Checking	\$9,210.89
	Ending Balance	\$ 35,410.41
Balance on Hand 04/30/2020		\$ 48,634.56

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2021 - 2022 Budget			
Moshawquit Lake Association			
5/24/21	2019 - 2020	2020 - 2021	2021 - 2022
Checking	Fiscal Year 2019	Fiscal Year 2020	Proposed Budget
Income			
Dues	5,975.00	13,485.00	13,185.00
Interest		2.18	6.48
Transfer From CD		25,789.11	
Meeting Refund	250.00		
Insurance Refund	521.00	521.00	521.00
Lake Maintenance - refund	33.00		
Grants			
Total Income	9,779.00	39,797.29	13,712.48
Expenditures			
Dues	100.00	200.00	100.00
Filing & Legal	10.00	10.00	10.00
Lake Maintenance - Wages	1,879.50		3,000.00
Lake Maintenance - Insurance	2,795.00	2,794.00	2,870.85
Lake Maintenance - Other	22,904.28	1,318.90	2,346.28
Meetings	477.50	19.81	130.00
Donations	250.00		
Capital Outlay			1,200.00
Transfer to CD and Savings		35,005.00	
Total Expenditure	28,413.28	39,341.71	9,865.11
Gain/Loss	(18,634.28)	455.58	3,847.37
CD and Savings			
Begin Bgg Balance	\$ 25,000.00	\$ 25,626.71	\$ 35,410.41
Interest	\$ 626.71	\$ 367.81	\$ 259.58
Additions	\$ 25,626.71	\$ 35,005.00	\$ 35,005.00
Withdrawals	\$ 25,626.71	\$ 25,789.11	\$ 35,005.00
Ending Balance	\$ 25,626.71	\$ 35,410.41	\$ 35,668.99
Gain	\$ 626.71	\$ 3,783.70	\$ 259.58
Total Gain	\$ (18,007.57)	\$ 10,239.28	\$ 4,305.95
Assets			
Checking	\$ 12,668.78	\$ 13,124.36	\$ 17,171.73
CD	\$ 25,626.71	\$ 35,405.41	\$ 35,663.99
Savings	\$ 5.00	\$ 5.00	\$ 5.00
Gas Cards	\$ 214.00	\$ 214.00	\$ 100.00
Grants			
Dash Unit			
Total	\$ 38,509.49	\$ 48,748.77	\$ 52,940.72

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Moshawquit Lake Association Website

► <https://moshawquitlakeassociation.wordpress.com/>



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Moshawquit Lake EWM 2021 Treatment Plan

Utilize DASH – Mondays and Fridays

*We hired a paid diver that will assist us on most if not all of our working days

*Lynn Murphy set up Sign Up Genius so we can schedule volunteers from the lake

The board has been working to accomplish a herbicide treatment with use of barriers to help control the concentration of the chemicals. More to come...

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Education

we can all play a part in preventing the spread of ewm

Here are a few tips....

- ▶ Know how to identify EWM, and distinguish it from other aquatic plants
- ▶ Clean your boat, motor, and trailer to remove aquatic hitchhikers whenever you launch or remove your boat from the water
- ▶ Pick up floating fragments, each fragment can re-root, and form a new plant
- ▶ Avoid areas where EWM is near the surface, fragments cut by propellers will float and re-root. Last year colored bouys were placed at sites to mark dense patches and surface EWM.
- ▶ Monitor your lakefront, and pull any new EWM plants you find growing there

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Education – Know how to identify EWM, and distinguish it from other aquatic

EURASIAN WATERMILFOIL,
Myriophyllum spicatum



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Dash – diver assisted suction harvesting



A proven non-chemical means of maintaining post-treatment EWM levels

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Sign Up Genius

Lynn Murphy has created a SignUpGenius site for DASH unit volunteers that you can access this link:

[2021 Dash Volunteer SignUpGenius Site](#)

You can email Gary Sturtevant for the link or go to [SignUpGenius.com](#) → Click search icon in upper right → search by creator's email (lynn.murphy@bellincollege.edu)

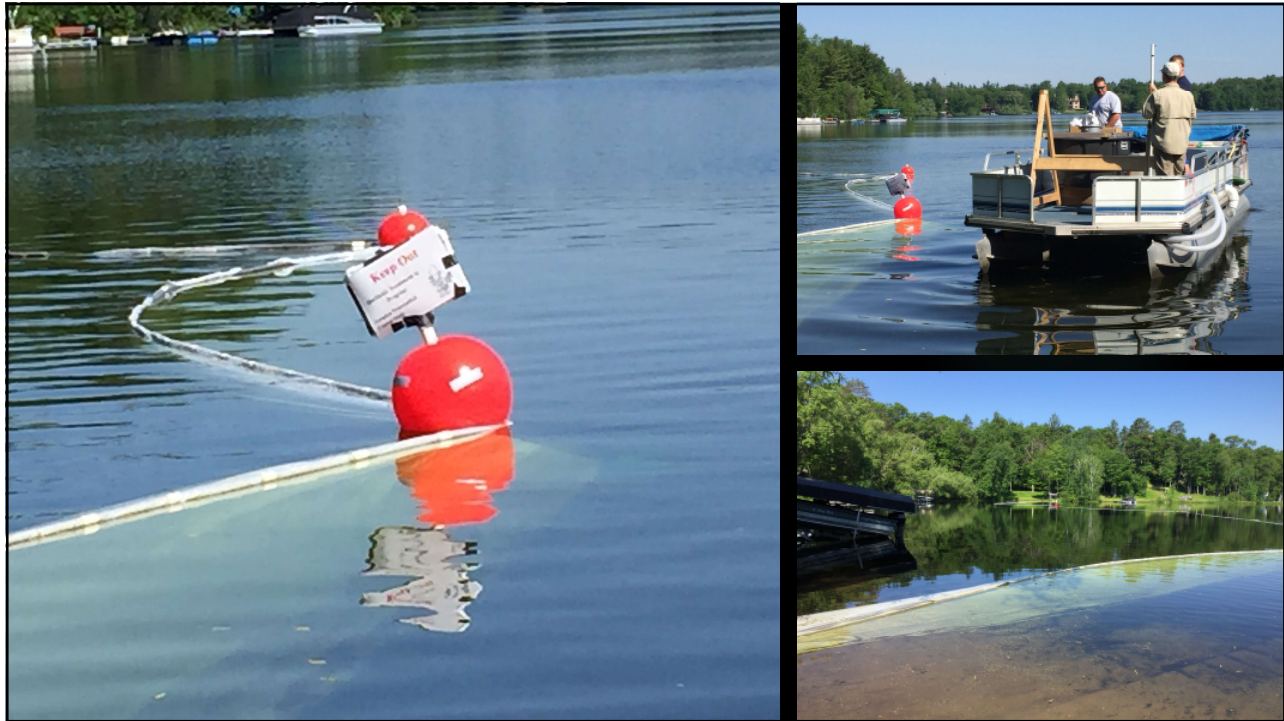
You can also access the site through the link on this page of the Moshawquit Lake website:

<https://moshawquitlakeassociation.org/dash-project/>

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Barrier Treatment Option and Update

- ▶ Barriers, or curtains, are deployed to encompass the treatment area. Weights are used to sink the bottom end and buoys keep it floating on top.
- ▶ Treatment is completed inside the enclosure and the enclosures are left in place for 1-3 days.
- ▶ After treatment, barriers are removed and laid out in the sun to dry and help clean the barriers.
- ▶ The board attempted to receive a grant to assist in covering costs of chemical treatment with barrier system in place
 1. Grant was denied due to our lake being classified as private
 2. An appeal was filed to challenge the decision stating our lake is more of a hybrid because it is public to the tribe, but private for non-tribal property owners. The appeal was denied
- ▶ Plan B involves the lake members funding the chemical treatment (estimated cost \$9500)
 - ▶ Mark Emerick looks to be acquiring barriers through Brenda Nordin of the DNR, Chute Pond, and maybe Kelly Lake.
 - ▶ Volunteers would be needed to deploy and recover curtains and help to lay them out to dry.
 - ▶ An effort is being made to secure permitting and approval from the tribe to treat this year yet, with approval from the lake.
- ▶ Motion to Vote on following through with this chemical treatment plan in 2021 (if possible) or 2022

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WAMSCO Membership and Goals

Waterways Association of Menominee and Shawano Counties

- ▶ MLA is still participating in WAMSCO and it has provided a wealth of knowledge in our efforts to combat EWM.
- ▶ Website: wamsco.org

"To facilitate education, research, cooperative sharing of resources and best practices between organizations, individuals, government bodies and the general public of Menominee and Shawano Counties inland water bodies, environs, groundwater, wetlands, and watersheds for now and future generations, including, but not limited to: esthetic beauty, water quality, shoreline protection, wildlife habitat, and fisheries."

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Fish Survey was completed last spring

Species	Number of fish	Average Length (in.)	Smallest (in.)	Largest (in.)
Black crappie	77	8.7	5.7	11.7
Bluegill	326	6.6	3.5	10.3
Bluegill x Pumpkinseed	1	6.5	6.5	6.5
Bowfin	45	21.7	14.3	27.6
Lake chubsucker	19	7.7	5.5	9.3
Largemouth bass	6	14.5	8.0	21.7
Northern pike	123	15.4	9.2	29.1
Pumpkinseed	64	6.9	3.6	8.5
Rock bass	128	7.4	3.5	10.3
White sucker	25	14.3	7.4	22.2
Yellow bullhead	31	9.0	4.3	11.8
Yellow perch	1	8.3	8.3	8.3
Grand Total	846	9.4	3.5	29.1



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Why Woody Habitat Near Shore is Necessary

- Algae and small plants grow on wood in shallow water, insects eat algae and plants, small fish eat insects.
- Both prey fish and predatory fish use woody habitat for cover
- Woody habitat near shore=yellow perch spawning habitat
- Without "natural like" woody habitat of trees falling into the lake, fish growth rates are negatively effected



Images not from lakes in Menominee County



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Tree Drops Done by MITW Environmental Services in 2021

- Staff conducted tree drops on the tribal shoreline
- Cut the tree 1-2 feet from base and have trees fall onto ice
- Secure trees that break off from base with cabling

Group of White Pine's



Group of Birch Trees, sign describes the purpose of the dropped trees



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Tree Drops Continued

- Total of 15 trees were dropped: Birch and Pines
- The light blue ovals represent the tree drop sights and are not to scale, just approximate locations
- Ryan will monitor these this spring/summer, hopefully get a video of fishing swimming near/inside the trees



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Need for More Trees on Moshawquit Lake

- Tree Drops from this past winter are a good start
- We hope to put larger scale "Fish Sticks" on tribal land this winter
- Having at least a few trees along the remainder of shoreline would greatly benefit the fishery
- Hollow red ovals show anywhere near the shoreline would work for additions of woody habitat



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Specific Fishery Improvements with Woody Habitat

- Improve size structures of all panfish and gamefish, especially bluegill and northern pike
- Improve yellow perch populations: they will lay groupings of eggs on the woody habitat, increasing chance of survival



Panfish and northern pike from 2020 Fishery Survey

- Walleye will also use woody habitat on shoreline, wait under a fallen tree for prey
 - Juvenile walleye can hide from predators better**Especially the Age-0 walleye we stock each year**

Ryan holding walleye: 2020 Fishery Survey



Image copied from Quiet Lakes Improvement Assoc.



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Other Possible Options for Woody Habitat

- **Offshore Fish Sticks:** Would not have same benefits as on shore but would still provide cover and bottom of food web (algae)
- **Fish Cribs:** Not nearly as many benefits of onshore trees, **act mainly as a fish attractants** but can provide cover and algae growth

Fish Crib Image from Quiet Lakes

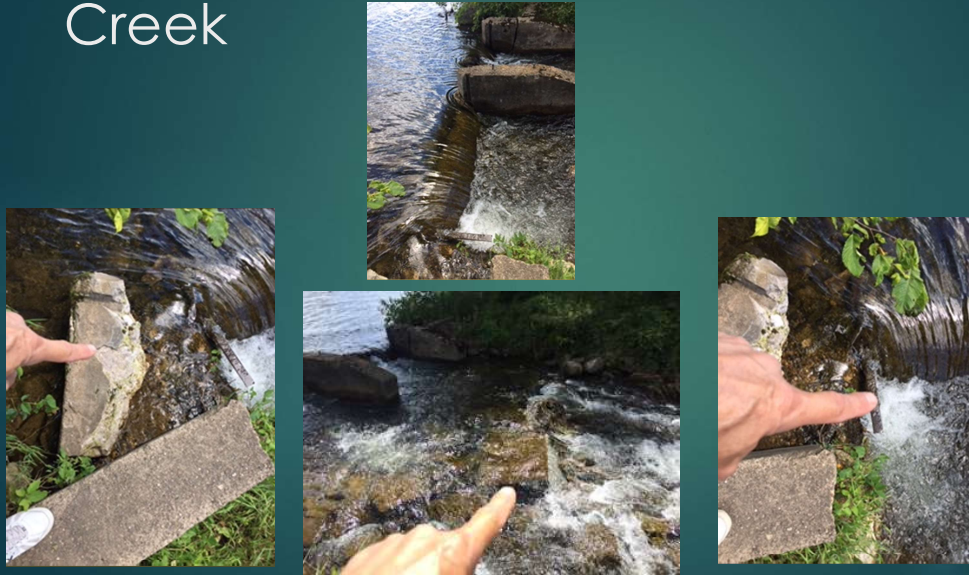


I highly recommend tree drops or fish sticks over the off shore fish sticks and especially the fish cribs.

- State permits are required for Fish Sticks on non-tribal shoreline
Thank you very much for your time: Please contact Fish Biologist with MITW Environmental Services: Ryan Wehse with any questions

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Dam damaged at outlet to Lindsay Creek



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Update on the dam

- ▶ The dam has been established as being property of the MITW
- ▶ Jeremy Johnson forwarded an email to Doug Cox from the MITW requesting they facilitate the repair or replacement of the failing structure
- ▶ A follow up was requested last week and there was no update from MITW at that point.
- ▶ We will stay on it, but it is out of our hands at this point

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Compost Sites

- ▶ Legend Lake's compost is the closest – Saturday 10-2 through sept
 - ▶ Oct.-Nov Saturdays 9-4 & Wednesdays 10-4
 - ▶ \$50 fee for year. Free fill and compost (shovel only).
- ▶ Shawano county landfill is free for leaves, possibly a fee for branches. You can get top soil there as well. It is located on the south shore of Shawano on Rusch Rd off of Green Bay (Hwy 22).
- ▶ Don't dump across the road, that is tribal land and we want to respect our neighbors

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Safe Boating and Lake Rules

Moshawquit Lake does have county ordinances that apply to our lake and differ from state laws.

- Wake and towing hours 10am to 7pm
- Must stay 200' from the shoreline when towing or creating a wake
- Drive in the counter clockwise direction around the lake to help keep the flow.
- Drivers must be of appropriate age and hold boat safety certificate
 - Reminder:
- Towing behind a PWC: Must be a three person PWC and include a spotter.

There were unfortunate occasions in the past of near misses and inattentive drivers looking back at who they are towing and not where they were going. Please use a spotter and drive carefully!

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A few other issues to discuss

Bouys on the west shore were pulled out to 250' to give more room for fish habitat and to protect people from shallower water.

Please be respectful of your neighbors with regards to your lighting. Please direct lights down and don't have lights shining out onto the lake. Light pollution ruins amazing views of our night skies and is blinding to people across the water.

Aerators need to have a barrier around them, be marked by an open water sign that is lite, fluorescent, or reflectorized. It should not encroach on your neighbors ice (without consent) in a way that would make the ice on their shoreline unsafe. This can be accomplished by using skirts to prevent the flow of water from your neighbors. A person did fall in this winter. Please respect the law.

29

Boat Launch Rules

As property owners we are afforded the ability to utilize the boat launch, which is on tribal property

When a boat is launched, the property owner must be present at the time. Guests launching their boats can be fined for trespassing.

Property and boat owners must inspect the watercraft for plants and empty live well and bilge tanks prior to launching

If you or a guest are stopped by a lake member inquiring if they are suppose to be on the lake should not be offended and simply tell the lake member the name of the property owner.

Please inform your guests of the lake rules

If you see a problem, please address it. We need to police our lake ourselves.

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Motion to Adjourn?

- ▶ Any questions or comments?



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Exhibit 2



Connecting Our Waters


A partnership of Fox-Wolf and WAMSCO

Emily Henrigillis
Moshawaquit Annual Meeting
5/29/2021
Primal Eats



Quick Outline

- Importance of water management practices
- Farmland to Shoreland Field Day – June 24th 4:30 pm
- Connecting Our Waters wrapping up
- Questions



Water management

- Shoreline buffers
- Rain gardens
- Rain barrels








Photo courtesy of EPA



Shoreline buffers



Rain Gardens







Photo courtesy of Paul Skawinski




Native Plant- Benefits

- Reduce polluted run-off from entering the waterways
- Increase infiltration rates of run-off
- Provide wildlife habitat
- Provide pollinator habitat
- Aesthetically pleasing








Cost share and grant funding

- Memoninee County Conservation, Forestry, and Zoning Department has offered cost share shoreline activities
 - 50% for hard practices
 - 75% for soft practices
- Grant funds through the WDNR may be possible if used for protection activities
 - Work with Lakes Biologist – Brenda Nordin – to determine eligibility



Rain Barrels



June 24th from 4:30-7:30

Sign up by June 17th

Visit the Connecting Our Waters website to register

Connectingourwaters.org



FARMLAND TO SHORELAND

JOIN US JUNE 24 2021
FOR A FIELD DAY AT TWO SHAWANO COUNTY FARMS TO
LEARN ABOUT INTERSEEDING, GRAZING, AND HOW YOU CAN
PROTECT YOUR LAKESHORE

4:30 PM - INTERSEEDING
W2648 RIVER ROAD BONDUCL, WI 54107


6:30 PM - GRAZING
W5497 COUNTY ROAD BE SHAWANO, WI 54107
LOOK FOR SIGNS!

Register by June 17, 2021:
<https://www.org/ShawanoCoFieldDay2021> or 920-851-4472
*Registration highly suggested - dinner will be provided for first 75 registrants



Connecting Our Waters program wrapping up

- As of June, the Connecting Our Waters program is wrapping up
- Look for WAMSCO, Shawano County LCD, Menominee County CFZ, and the WDNR to continue the momentum
- Networking event June 4th from 8-11 at Glas Coffee in Shawano




Contact Information

WAMSCO

- Mark Emerick
- WAMSCO: wam스코@gmail.com
- Menominee CFZ – Jeremy Johnson
 - jeremyj@co.menominee.wi.us
- WDNR Lakes Biologist – Brenda Nordin
 - brenda.nordin@wisconsin.gov
- Menominee Indian Tribe of Wisconsin – Heather Pyatskowitz
 - hpyatskowitz@mitw.org

Fox-Wolf Watershed Alliance

- Emily Henrigillis
 - emily@fwwa.org or 920-851-6472



Thank you! Questions?



