



Hello All,

I hope that all of you are safe and healthy.

Note date change

Annual Meeting Re-scheduled to August 15th

The FILIA annual meeting has been re-scheduled to August 15th, with this date being dependent on the development of the Covid-19 virus in Minnesota. The location and time remain the same - at Hazelton Town Hall from 9:00 Am to 11:00 AM.

New Board Member

FILIA Board of Directors welcomes Loren Rachey as its newest board member. Loren will serve as interim board member until we can confirm his election with a general membership vote at our next annual meeting.

Farm Island Lake added to MN DNR Infested Waters List for zebra mussels

Tim Plude - the DNR AIS Specialist — called to let me know that Farm Island Lake (FIL) will be listed on the MN DNR Infested Waters List for zebra mussels. Information about the Infested Waters List is below. (FIL has not been added to the list yet).

I have included a lot of information, and I want to thank Tim Plude (DNR AIS Specialist), Rick Bruesewitz (DNR), Steve Hughes (Aitkin County Soil and Water Conservation District), and board member Bill Haroldson for helping so we can provide as much factual information as we can.



Events leading up to the discovery of zebra mussels (zeeps):

1. A lake association member found a zeeb in Peterson's Bay a few weeks ago on his anchor. He sent the photo to Tim Plude.
2. Tim got a veliger sample in Peterson's and sent it off, and was planning to scuba dive to look further, but the sample came back positive.
3. In a matter of days, the St. Paul DNR headquarters decided to list FIL as infested.

Now what happens?

1. DNR Parks and Trails have posted signs at the public landings.
2. Aitkin County Soil and Water Conservation District will continue AIS inspections with a focus on prevention and protection from other invasives – i.e. starry stonewort, milfoil, etc.
3. MN DNR activity will pick up and spend more time on AIS activity, inspections, etc. (during normal years this is true but with the current pandemic we are currently not fully staffed for watercraft inspections). Tim Plude plans to search area (and downstream) lakes for adult zebra mussels as well as take veliger samples. The small plankton sample he took in FIL only revealed one veliger but again it was a small sample. Tim plans to run out to FIL this summer to take a few more samples, this should give us an idea of the veliger population and the possibility of them moving downstream.
4. This is not a doom and gloom scenario. We will probably see zeebs on our watercraft equipment, docks, anchors, rocks and other debris in the water, etc. Depending on how heavy the infestation we'll need to be careful walking in the water or when removing docks or lifts because the shells are sharp. You may need to wear water shoes for protection.
5. Environmentally, zeebs compete with the native mussels in the water. Farm Island Lake water will be clearer.
6. Fishing implications:
It has been noted that the size of young of year Walleye in Mille Lacs has decreased by about 10%. Mille Lacs has zebra mussels. Rick Bruesewitz (DNR) comments:

Regarding the effects on young of year Walleye is that the changes in growth on Mille Lacs are likely due to a combination of zebra mussels and spiny waterflea, not just zebra mussels. Also, zebra mussels do not eat the same thing as young Walleye. The interaction between the three species is much more complex than just direct competition. While young Walleye fry do eat zooplankton (the same thing spiny waterflea eat, and not phyto-plankton – what zebra mussels eat) they switch to eating fish almost immediately (in first month of life), mostly perch. The loss of growth is also not likely in the earliest stages as this would likely then result in a decrease in fry survival, which is not likely happening on Mille Lacs. There is current research ongoing through the U of M and DNR to try to figure things out.

One issue often associated with zebra mussels is the increase in water clarity. Clearer water does not usually benefit walleye, but how clear things get varies tremendously from lake to lake.
7. Every lake that has been infested has their own story – some lakes see zeebs everywhere – over the years on Mille Lacs the zeebs got smaller in size. On Pelican Lake – over 8 years zeebs took off slow, in 3-4 years they were at their peak, and in the past few years they've significantly decreased in numbers.

8. We may never know how the zebra mussel arrived to Farm Island Lake; we will always have them; they do not go away.

9. Tim Plude comment: It is important for landowners to understand that all water-related equipment (docks, boat lifts, swim rafts, etc.) will have zebra mussels on and inside the equipment. This equipment needs proper care when being transported away from the lake. All water-related equipment is required to have a 21-day drying time before being moved to another waterbody and we ask all boats dry off for 5 days prior to moving to another waterbody. For landowners that store docks and other equipment on their property not much will change and if using a dock company for storage and removal nothing should be needed from the landowner if hiring a DNR-certified Lake Service Provider https://webapps15.dnr.state.mn.us/ais_business_training/lake_service_provider_permits/public_website_list . If a landowner needs to transport infested equipment themselves for storage or disposal a permit may be required https://www.dnr.state.mn.us/invasives/ais_transport.html

10. Tim Plude comment: The other things to consider including in your newsletter are ways to avoid zebra mussels from damaging a boat and not transporting them away from the lake.

If a watercraft is moored for extended periods of time, typically more than 24 hours, it could have zebra mussels attached to the hull, outside of motor and water intakes. If left uncleaned the zebra mussels can clog a motor's intake pipes (this could apply to intake pipes for people that pump water out of the lake, finer mesh with larger surface area on the hose end/filter can help along with annual cleaning). Taking the time to wash and dry for 5 days or disinfect the watercraft after a weekend on the water is a good idea.

People should consider having a boat lift to avoid mussels attaching to watercraft. Landowners should also make friends, family and guests aware of the zebra mussels and educate them on a few of these points above.

Minnesota law requires boaters and anglers to:

- **Clean** all aquatic plants, zebra mussels, and other invasive species from boats, trailers, and water-related equipment.
- **Drain** water from your boat, ballast tanks, motor, live well and bait container. Remove drain plugs and keep drain plugs out while transporting equipment.
- **Dispose** of unwanted bait in the trash. To keep live bait, drain the water and refill the bait container with bottled or tap water.

MN DNR Infested Waters List

Click here to read entire article: <https://www.dnr.state.mn.us/invasives/ais/infested.html>

The DNR will add a lake, river, pond or wetland to the infested waters list if it contains an aquatic invasive species that could spread to other waters. The DNR may also list a lake, river, pond or wetland as infested if it is connected to a body of water where an aquatic invasive species is present.

To reduce the risk of spreading aquatic invasive species, activities like bait harvest and water use are managed differently in infested waters.

How many lakes and rivers are listed as infested?

About 8% of Minnesota's more than 11,000 lakes are on the infested waters list. Less than 3% of Minnesota lakes are listed as infested with zebra mussels. As of October 2019, we have confirmed zebra mussels in 214 lakes and wetlands. We have listed 194 bodies of water as infested with zebra mussels because they are closely connected to a waterway where zebra mussels have been found.

Contact information

Tim Plude, Invasive Species Specialist | Ecological & Water Resources
Minnesota Department of Natural Resources
1601 Minnesota Dr.
Brainerd, MN 56401
218-203-4354
timothy.plude@state.mn.us

Rick Bruesewitz, Aitkin Area Fisheries Supervisor | Division of Fish and Wildlife - Fisheries
Minnesota Department of Natural Resources
1200 Minnesota Avenue, Aitkin, MN 56431
218-429-3037
Rick.bruesewitz@state.mn.us

Steve Hughes, District Manager | Aitkin County Soil and Water Conservation District
307 2nd St NW #216
Aitkin, MN 56431
218-927-7284
hughes.aitkinswcd@gmail.com

How to identify zebra mussels

The FILIA website has a printable document with pictures and a description of zebra mussels.

<https://filialake.wixsite.com/filia/copy-of-score-your-shore>

A few pointers for searching:

- Zebra mussel juveniles can be very small- less than 1/4inch (~0.5cm) and adult mussels can be as large as 1.5 inches (4cm).
- The mussels will attach to mostly hard materials
- The mussels will often prefer shady areas like the inside of wheels/rims, inside of pipes, undersides of frame rails, etc.
- Zebra mussels often have the striped pattern on their shell but can appear dark/black too.
- The D-shaped shell is a good identification characteristic.



Cluster of zebra mussels. Note the stipes on each mussel.



Mode of Operation of Watercraft - Boat wash/wake statement

Aitkin County Sheriff Guida asked the area lake associations to distribute the following boat wash/wake statement dated May 9, 2020.



Greetings from your Sheriff,

If you are a boat owner/operator, I would like to take this chance to remind you of the responsibility you have for your boat's wash or wake. MN 6110.1200 NAVIGATION OF WATERCRAFT ON THE WATERS OF THE STATE; SAFETY EQUIPMENT.

Subp. 2. Mode of operation of watercraft. Mode of operation:

- A. No person shall operate a watercraft in such a manner that its wash or wake will endanger, harass, or unnecessarily interfere with any other person or property.

This means that if your wake causes any sort of damage you could be cited. In 2019, we received many complaints of this and we hope to curb those for 2020. I would prefer doing this with some education but the enforcement piece is an option. There are many areas of the lake we can enjoy without violating this rule; please encourage spending time in those areas. I would also like to encourage people with concerns of the wake issues to capture the event on video. Using your cell phone to record the boat activity, the wake (in action) damaging your shore and the suspects operating the boat will be a huge benefit to my Officers. It is really easy to educate when we have the proof.

I want to thank all of you for a great winter. Your calls are always welcome, and if you see something, say something. We will do our best to solve the problems!

Sheriff Dan Guida
218-927-7435

Note: When government, local agency and county information is included we are serving as the messenger to keep you informed of their activities concerning Farm Island Lake.

Scooby's Animal Mission -SAM

A lake association member found a dog and used SAM to locate the dog's owner. A great local resource if you find or lose a pet. Here is their information. (218) 670-0319

<https://www.scoobyanimalmission.org/index.html> or
<https://www.facebook.com/Scoobyanimalmission/>

SAM's mission: We are a 501(c)(3) organization that is here to assist in the rescue and placement of animals in need. We want to help save the lives of the animals in our community while providing resources and education to our community members.



117 members!



Membership Update

We have 117 paid members, with 40% using the online store payment process on the FILIA website at <https://filialake.wixsite.com/filia/online-store>. An application is included with this newsletter. If you can't remember if you paid, send me an email or check the Member List on the website at <https://filialake.wixsite.com/filia/membership>

Financial Report for 2019

The 2019 FILIA financial report is available on your website <https://filialake.wixsite.com/filia/financial-report>

4th of July Boat Parade

The boat parade will take place on July 4th at the south public access. Meet there by noon. The parade will head east. Per Governor Tim Walz, people are asked to follow state outside guidelines for social distancing.

Have fun decorating your watercraft! Please practice safe distancing between watercraft to prevent accidents.

FILIA Website

There is a lot of information on the FILIA website. This site map includes the links to the various pages on the website. <https://filialake.wixsite.com/filia>

Site Map

- [Home](#) Mission statement, map of Farm Island Lake, etc.
- [Membership](#) Members lists, application form
- [Online Store](#) Pay dues online
- [Newsletters/Lake Info](#)
- [Contact/Calendar](#) List of board members and shore captains, calendar of events
 - [Local Events](#)
- [Administrative](#) Financial reports (current & past), Bylaws,
 - [Meeting Minutes](#)
- [Aquatic Invasive Species](#)
 - [Score Your Shore](#)
 - [How to identify zebra mussels](#)
- [Useful Info](#) Boating and fishing regulations and other stuff
 - [Boating & Fishing Regulations](#)
 - [DNR Permitted Lake Service Providers](#)
- [History](#) No information here yet

Be Well.

Sincerely,
Cheryl McDonough
FILIA Treasurer/Secretary
filialake@gmail.com

Your comments are welcome.

Visit your website at <https://filialake.wixsite.com/filia>

FILIA
PO Box 135
Aitkin, MN 56431