

Purpose:

This plan is intended to limit the spread of Aquatic Invasive Species (AIS) between lakes during activities related to the sport of sailing. Included in this plan is (Table 1) a list of AIS Species of Concern for Minneapolis Lakes, (Table 2) a list of activities related to sailing that have a high potential for spreading AIS and (Table 3) defined preventative actions that will minimize the potential for these activities to spread AIS. These preventative actions are intended to meet or exceed the current AIS prevention recommendations by the Minnesota Department of Natural Resources (DNR) and the Minneapolis Park and Recreation Board (MPRB).

Though not all AIS are listed in the species of concern, preventative measures taken to minimize the risk potential of spreading these AIS will also serve to reduce the potential of other AIS. The plan will be updated as new AIS risks are identified.

Table 1: AIS Species of Concern for Spread into/from Minneapolis Waters

AIS	Pathway
Aquatic Plants	
Eurasian Water Milfoil	- on trailers
Curly Leaf Pondweed	- fragments on boat/motor
Flowering Rush	- on anchors, ropes
Starry Stonewort	
Aquatic Invertebrates	
Zebra Mussels	- attached to plants, rocks, boats
Quagga mussels	- in water pooled in any part of the boat
Spiny water flea	- on anchor, ropes, wet gear
Pathogens/Viruses	
Viral Hemorrhagic Septicemia (VHS)	- in water pooled in any part of the boat - on anchor, ropes, wet gear

Table 2: Sailing Activities That Have a High Potential for Spreading AIS

Activity	Frequency of Activity
Trailing/launching boats	Seasonal movement of boats (sailboats and support boats); Regattas
Dock/lift installation	Seasonal install/removal; potential new during the summer
Regattas	Hosting: 1-4x per year; Attending: variable

Table 3: Preventative Actions

Activity	Preventative Action
Trailing/launching boats	<p data-bbox="570 170 834 205"><i>Before Trailing Boat</i></p> <ul data-bbox="618 212 1500 275" style="list-style-type: none"> • Be sure that the boat and trailer are clean of plants and mud, drained, and inspected for AIS <p data-bbox="570 317 1105 352"><i>When Leaving Lake/Before Returning to Lake</i></p> <ul data-bbox="618 359 1500 716" style="list-style-type: none"> • Inspect the boat and trailer/ remove plants and mud • Remove any plugs and drain water completely • Remove any water in the boat with a sponge • If there is a motor – raise and lower to drain • If moving to another lake: clean and dry the boat • Be aware of where water may be pooling or aquatic plants can get caught in each individual boat style • Pay close attention to anchors, moorings and ropes/lines. • Pay close attention to plants trapped between hull and bunks of the trailer and any spaces for the bilge boards and keels.
Dock and Lift Installation	<ul data-bbox="428 793 1511 1045" style="list-style-type: none"> • Be sure that the equipment is drained and inspected for AIS • Remove all plants and mud; all visible zebra mussels, faucet snails, and aquatic plants must be removed whether they are dead or alive. • <i>According to Minnesota law, the equipment must be free of AIS and <u>dried for 21 days</u> before it can be placed in another waterbody.</i> • <i>To transport a dock or lift from infested waters to another location for storage or repair, obtain a DNR authorization form to move it legally to the new location.</i>
Regattas	<p data-bbox="380 1123 678 1159"><i>When Leaving to Attend:</i></p> <ul data-bbox="428 1159 1523 1369" style="list-style-type: none"> • Follow trailing/launching procedures above as a guide for movement between lakes. • Transporting support boats to outside lakes is discouraged. If it is necessary, be diligent about following above trailing/launching procedures. If possible keep boat out of the water for as long as possible to assure that it is dry – 5 days minimum recommendation. • Be aware of the high risk potential of the motor – drain completely. • Be aware of which AIS are found in the waterbodies of the hosting regattas. <p data-bbox="380 1411 558 1446"><i>When Hosting:</i></p> <ul data-bbox="428 1446 1523 1877" style="list-style-type: none"> • All regatta NORs must include inspection requirements and indicate time allowance for inspections. • All regatta NORs should explain the potential for denied participation in the regatta if inspection is denied by the participant, not conducted, or failed. • All support boats must be provided by home lake - no outside support boats allowed in Minneapolis lakes. • ALL boats/trailers/dollies attending Minneapolis regattas must be inspected prior to launching and upon exit – regardless of whether they use the launch or the shore. • Allow time during Skippers Meeting for inspectors to speak to participants regarding AIS and inspection process. • Additional Inspectors can be requested to speed up the inspection process if MPRB is notified at least one month in advance. (note in permit as well)

- No outside temporary moorings allowed – hosting organization must provide all moorings. Suggestions include:
 1. Have host sailors give up their buoy for a visiting sailor and temporarily moor their own boat with their own equipment.
 2. Have boats at Harriet exit the lake in the evenings and park in the parking lot.
 3. Access empty buoys or contact buoy holders to see what buoys are available during the regatta for visiting sailors to use.
 4. If there is still a need for visiting boaters to use their own moorings, they must be clean and dry and above deck for inspection. This is option is discouraged.

Zebra Mussel Alert – A zebra mussel was found in Lake Harriet in 2017 – Lake Harriet is now designated as Infested. Lake Nokomis is also designated as infested due to its proximity to Minnehaha Creek but no zebra mussels have been found.

Inspections: All water related equipment must be inspected before entering and upon exiting the Lake Calhoun, Harriet and Nokomis boat launches.

DNR Lake Service Provider: All Minneapolis Sailing Schools and Yacht Clubs fall under a DNR Lake Service Provider classification and must hold a current DNR Lake Service Provider permit. Staff is encouraged to take the 1 hour on-line employee certification training. Permits and certifications are good for 3 years.

Early Detection: Sailors are a first line sight out on the lakes. The earlier a new AIS is found in our lakes the better the potential for successful management efforts. Anything of concern found on equipment, boats or trailers should be reported immediately to the Inspectors or to the MPRB Water Quality Supervisor, Rachael Crabb (contact information below).

AIS Response Efforts: If a new AIS is detected in MPRB waters, the infestation will be evaluated and the MPRB will work with the Minnesota DNR and the Minnehaha Creek Watershed District to determine what the response to the find will be. Sailing organization partners will be part of the ongoing communication during any response effort.

Additional Organization Specific Procedures:

2018 Boat Sharing Plan

- At the end of season – Calhoun will lend boats that they will not be using until Spring, and not putting back into the water
- Summer regatta: Connect with MnDNR for Decontamination unit for the larger events –connect with Chris Anderson by May 1st to schedule.

Chris Anderson – MPRB AIS Inspections Program Coordinator
CLAnderson@minneapolisparcs.org
 612-499-9243

Attached Documents

Please attach copies of the following documents to this AIS Prevention Plan:

1. Current Minnesota DNR Lake Service Provider Permit
2. Sailing AIS Educational Handout

Contacts and Links

Minneapolis Park and Recreation Board AIS Contact Information

Rachael Crabb

Water Resources Supervisor

rcrabb@minneapolisparcs.org

612.313.7791

MPRB Web Site: www.minneapolisparcs.org

Minneapolis Park and Recreation Board Zebra Mussel Action Plan

- Current information regarding zebra mussel infestation in and around Minneapolis waters
- Infested lakes: be aware of the zebra mussel infestation status of the lakes that are hosting Regattas

<https://www.minneapolisparcs.org/asset/ctz8wh/aquatic-zebra-mussel-action-plan.pdf>

MN DNR AIS Information

<http://www.dnr.state.mn.us/invasives/aquatic/index.html>

MN DNR Lake Service Provider

<http://www.dnr.state.mn.us/lsp/index.html>

Sailing Organization Name/Address/Contact Information:

--