

Lake Owen Association Lake Manager Activities Report Board Update May 19, 2021

North Outlet Decontamination Station

The station is up and running 7 days a week with 2 regular staff (training 1 back-up). Cheryl reviewed inspection procedures with staff. Need to update forms online (request in to Clint).

Two Lakes Campground, Decontamination Station

We are investigating obtaining permission from the USFS for siting a sanitizing station (using a dilute bleach solution like at Otter Bay) at the campground boat landing.

Report on meeting with USFS representative 5/19/21 at 2 p.m.

Constant Contact topic list for 2021 (board input requested):

- Available native planting technical assistance
- Waterfront best practices
- Aquatic Invasive Species decontamination
- Water quality/depth/mixing
- Climate change in Northern WI, impacts on lake water quality
- Fishery updates 20/21 DNR report
- Watershed impacts to lake water quality
- Salt and water quality
- Invasive species: zebra mussels, hybrid EWM, rusty crayfish (w/ID info)
- Lead in fishing tackle
- Underwater plant photos/video, most important plant habitat areas on the lake
- Others?

Board input requested: suggested frequency for distribution? Board volunteers to review content?

Lake Owen Science Activity Spring Report-2021

The field season has begun! A flow meter was left installed all winter to allow our hydrologist to use this data to calibrate the ground water model. The meter will be left in place during the 2021 growing season. The first run of water samples was collected on May 15 and shipped to UW-Stevens Point. The lake was still mixed at that time in the North Basin, South Basin, and Otter Bay. The water clarity was excellent with Secchi depth readings of 8 meters and 8.5 meters (approximately 26-28 feet).

We will obtain the materials for the piezometers to sample ground water soon. These will be installed, and the groundwater collection will take place in late June.

Yellow iris will also be inventoried in late June. Herbicide treatment will likely be recommended for the private stand of iris mapped last summer. Additional areas for treatment could potentially be identified. We have not heard back after contacting the Forest Service ecologist. The Forest Service seemed interested in manual removal on federal land last year to determine if this is a viable option.

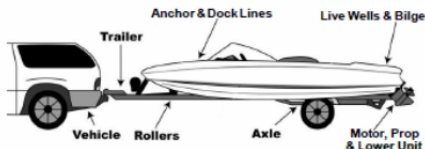
Lastly, a full lake aquatic invasive species survey will be completed in June, July, and August.

Informational Signage Proposed for Two Lakes Campground Boat Launch

BOAT CLEANING & DECONTAMINATION STATION BEFORE ENTERING THE LAKE . . .

HELP... Prevent the spread of invasive species.
CLEAN BOATS...CLEAN WATER!

INSPECT THESE PLACES FOR INVASIVE SPECIES:



- ▶ **INSPECT:** Boats, PWCs, trailers and equipment.
- ▶ **REMOVE:** All attached aquatic plants, animals and mud.
- ▶ **DRAIN:** All water from boats, vehicles, equipment and live wells.
- ▶ **NEVER MOVE:** Plants or live fish from a body of water.

Limited exceptions apply. Visit www.DNR.WI.gov and search for "Bait Laws."

REMOVE


- ▶ Use the tools hanging on the back of the sign to remove vegetation and other debris.
- ▶ Please return tools to this station.

DECONTAMINATE

Decontaminate to kill zebra mussels and other invasive aquatic species.

Please pull the boat and trailer off the ramp so water drains away from the lake.

- ▶ Please spray your boat, trailer, live wells, bilges and motor with this hand sprayer which contains a dilute bleach solution.
- ▶ Leave wet for 10 minutes.
- ▶ Flush live well with water before next use.
- ▶ Wear eye protection while spraying and stay upwind of the spray.



STOP AQUATIC HITCHHIKERS!

DRAIN

After removing from the water, tip the motor down and turn the motor over several times to dispel lake water from the cooling system.

Be sure to drain water from your boat, live well and bilge system away from the lake.

4' X 5.2' Canvas Banner

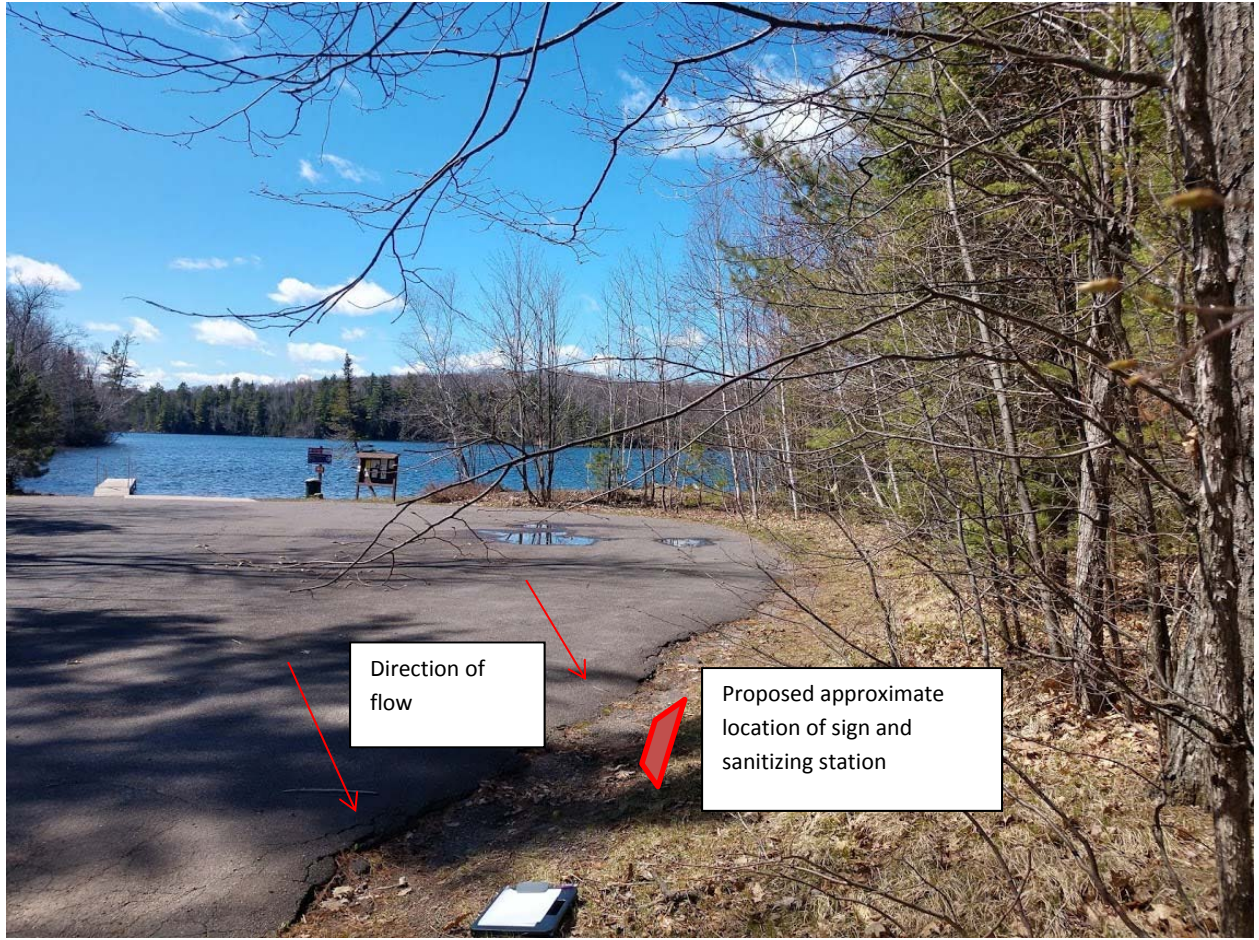
Mounted on 4X4 posts

Decontamination for Aquatic Invasive Species **REQUIRED** by **BAYFIELD COUNTY ORDINANCE** (Article 16-2-3)

Violations are subject to fines (Article 16-2-5)

1.5' X 3' Aluminum Sign

Posted below banner



Direction of flow

Proposed approximate location of sign and sanitizing station



Signs/station 25 feet from this approx. 14" d tree

Section 7: Inspection Survey



Date: _____ Time: _____
 License Plate State: _____

Boat was entering or leaving the lake?

Have you spoken with an inspector this year? Yes No
 (If yes, review AIS information quickly)
 Tell them about AIS AND PREVENTION STEPS as you inspect the watercraft

Was the boat used within the last 5 days on a different water body? Yes No
 If yes,
 Water body last visited? _____
 (see lake DECON list)

WI County _____
 (see WI county DECON list)

MN (DECON) other state (DECON) prefers not to answer does not know Canada

Number of people contacted: _____

How long was the watercraft in the water:

<24 hrs >24 hrs DECON

Watercraft Type (select one):

- Fishing Boat Runabout/ski (no ballasts) Pontoon
 Wakeboard with ballasts DECON 1 AND 2 PWC
 Jon boat Sailboat Canoe/Kayak/Similar
 Boat Lift/Dock/Similar

Drain Plug (circle one): IN DECON / OUT

Is there water in any of the following DECON TYPE 1 AND 2

- IF ANY CHECKED Ballast Tank Live Well Bilges
 Motor Bait Bucket

Are any plants or animals found (check all that apply, if "none" leave blank)? FULL DECON IF ANY CHECKED

- plants, stuck plants, removable by hand
 zebra mussels, stuck zebra mussels, removable by hand
 zebra mussels on vegetation spiny water flea snails
 mud other:

Please note the location the previous items were found (check all that apply)

- watercraft trailer equipment or accessories (e.g. anchor)

****If zebra mussels OR IF AIS OR DRAINING VIOLATIONS ARE FOUND AND DECONTAMINATION IS REFUSED make sure you follow procedures for reporting a violation****

Is decontamination necessary?

- Yes
 No

If decon is being conducted please select the type.

- Full Decontamination
 Partial Decontamination (LIST TYPE 1-5 FROM BELOW _____)
 Courtesy Decontamination
 User Refused Decontamination

FULL DECONTAMINATION

Full decontamination is performed when multiple attached Zebra Mussels or other AIS are detected during the inspection but aren't removable by hand. Full decontamination involves the following steps:

1. Internal Decontamination - 120° water flush of internal compartments
2. Ballast Tank Decontamination (if present) - fill ballast with 120° water and let sit 5 minutes
3. Exterior Decontamination - rinse each section of hull for 10+ seconds with 140° water
4. Engine Decontamination - flush motor with 120° water for at least 2 minutes
5. High-Pressure spray- remove any debris or organic material on hull of boat

PARTIAL DECONTAMINATION

A partial decontamination consists of any of the elements listed above. Full inspection process will determine the type of decontamination needed.

REPORT A VIOLATION

If visitor refuses to remove attached aquatic plants and/or animals and/or refuses to drain all water from boat, vehicles and/or equipment, this is a violation of WI AIS Law. If the visitor REFUSES DECONTAMINATION, you may report as follows:

1-800-TIP-WDNR OR

<https://dnr.wi.gov/Contact/Hotline.html>

Fill out an incident report form to record the violation and report to supervisor.

Inspector: _____
 Comments: _____

