Aquatic Invasive Species Update Washington & Waukesha Counties



May 2021

erik.hanson@washcowisco.gov ehanson@waukeshacounty.gov Washington County Website Waukesha County Website

Hiring Update

Interns for Washington and Waukesha County have been hired! You will see them out conducting CBCW inspections at local boat launches starting Memorial Day weekend!

Training Update

CBCW Trainings are coming up SOON! This year we will be offered both in person and virtual options to fit everybody's comfort level.

Wednesday, May 26th: 9:30am-11:30am / VIRTUAL Contact AIS Coordinator for Link

If your lake group has multiple individuals interested in CBCW training, please reach out to the new AIS Coordinator to schedule a private group training focused on your own lake!!

All 2021 Trainings are listed below:

Clean Boats, Clean Waters (CBCW) Volunteer Trainings:

May 26th: 9:30 am VIRTUAL (Contact AIS Coordinator for Link)
June 1st: 4:30 pm Washington County: 333 E. Washington St. West Bend, WI 53095
June 3rd: 5 pm Waukesha County: 515 W. Moreland Rd. Waukesha 53188

June 5th: 9 am VIRTUAL (contact AIS Coordinator for Link)

Project RED: Riverine Early Detectors

June 1st: 1 pm 333 E Washington St. West Bend, WI 53095 June 3rd: 1 pm 515 W. Moreland Rd. Waukesha, WI 53188

Citizen Lake Monitoring Network (CLMN)

As needed. Contact AIS Coordinator to set up a date and time





New AIS Coordinator Message

"I am super excited to get my feet wet in Wisconsin's lakes and rivers, apply my Western experience and learn about the great work all of you have been doing. Please don't hesitate to get in touch and help me get orientated."

Frik Hanson

Your AIS Coordinator

Erik Hanson was the AIS Coordinator for the Confederated Salish and Kootenai Tribes in Western Montana. Working with the Tribes and other partners he ran mandatory 24 hour a day highway watercraft inspection stations with dedicated enforcement, conducted early detection monitoring, instituted rapid response and control programs, developed the Flathead Lake Mussel Walk educational event and provided local input to advance Montana's AIS effort.

He has a Master's degree in Environmental Management, for which he co-authored the Oregon AIS Management Plan. He has served on professional panels to guide AIS efforts for Montana, Yellowstone National Park and the use of environmental DNA techniques for monitoring and early detection.

Purple Loosestrife Update

If you would like more information about Purple Loosestrife, PL identification, or for PL Bio Control please visit the DNR website below:

https://dnr.wisconsin.gov/topic/Invasives/loosestrife.html





February to March



Mid-May

May to June

Late June to Early July

Throughout the summer \

Plan

Meet with local partners to gauge interest

Locate and solidify needed permission for root digging, beetle collection, and release area work sites

Submit DNR permit authorization application

Contact potential volunteers, explain process, and confirm intention to help dig and/or raise beetles

Spring Dig

Collect purple loosestrife roots and shoots in April

Place potted plants in a pool filled with water

Keep water two inches below the top of the soil so to not drown larvae

Cover with nets to keep predators out

Add Beetles

Collect beetles from the wild in mid-May

Collect 8-10 beetles for every potted plant

Place beetles on plant inside the net

By mid-summer, the beetles will have reproduced into as many as 1,000 beetles per plant!

Watch and Maintain

Keep pools filled with water

Make sure beetles do not eat their entire food source

Once the food source is almost gone, the plant can be moved to an existing stand, and nets can be removed

Release

Release beetles into a stand of purple loosestrife when their food source is low. usually late June to early July

The beetles can then go to work on controlling the existing stand!

After releasing, fill out and return the DNR insect release form to the state

Biological Control

By eating the plant, the beetles stress the plant so it does not flower

This helps native plants take back the wetland, as every year, each purple loosestrife plant produces over 1 million seeds from pollinated flowers

Remember to collect the plant pots for rearing next year!

Graphic provided by Golden Sands Resource Conservation & Development Council, Inc., member of the Wisconsin Aquatic Invasive Species Partnership

Lake of the Month: **Ashippun Lake in Waukesha County**



Facts and Figures:

Name: Ashippun Lake

Waterbody ID (WBIC): 854300

Area: 94 ACRES

Maximum Depth: 35 feet Mean Depth: 22 FEET

Bottom: 10% sand, 30% gravel, 0% rock, 60% muck

Hydrologic Lake Type: SPRING

County: Waukesha

Region: SE

Latitude, Longitude:43.15757150, -88.47182730

Fish Present: Panfish, Largemouth Bass, Northern Pike, Carp, and Walleye

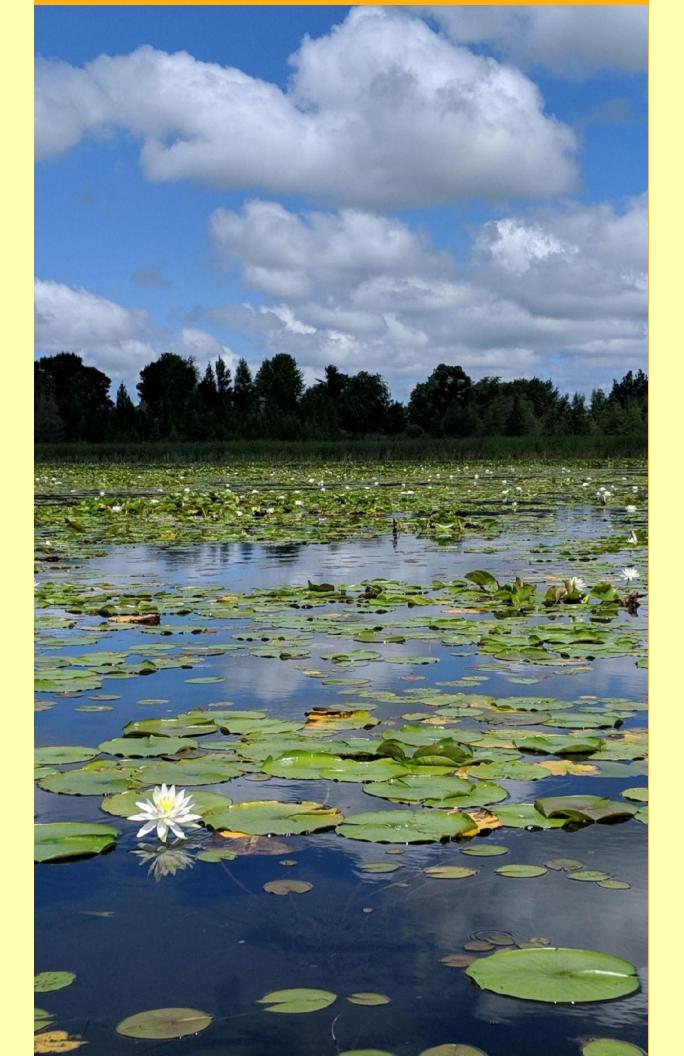
AIS Present: Curly-Leaf Pondweed, Eurasian Water-Milfoil, White Perch, Zebra Mussel,

Purple Loosestrife





AlS Efforts: Ashippun Lake has an agreement with Waukesha County to hire a CBCW boat inspector during the summer months. The Ashippun Lake Protection and Rehabilitation District (PRD) goes above and beyond the 200 hour minimum for boat inspection hours on their landing. In 2020, during her first week on the job, CBCW boat inspector Leah Dimaggio discovered Chinese Mystery Snails at the launch and we are currently in the process of getting them verified with the WI-DNR. During a 2020 Early Detection Monitoring Survey on the lake, AIS Coordinator Sam Lammers and her county interns discovered a large amount of Purple Loosestrife around the little lake as well as a bit around the entire shoreline. The PRD has supported a decision to do some Purple Loosestrife Bio Control measures around the smaller lake to control some of the Purple Loosestrife spread around the lake. This project will take place this summer (2021)





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The Aquatic Invasive Species Program is a cooperative effort between Washington & Waukesha Counties, supported by grant funds from Wisconsin Department of Natural Resources and a number of generous local lake groups working to control the spread of AIS. Thank you for your support!

For more information:

Email: <u>erik.hanson@washcowisco.gov</u> <u>ehanson@waukeshacounty.gov</u>

Washington County
262-335-4806
www.washcowisco.gov/departments/planning_and_parks/land
resources

Waukesha County 262-548-7818 www.waukeshacounty.gov/ais