

# Aquatic Invasive Species Update

Washington & Waukesha Counties



February 2018

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## Wisconsin Lakes Convention 2018

The 2018 Wisconsin Lakes Partnership Convention will focus on "heeding the call" of lake stewardship. Please help your organization heed the call by attending the Wisconsin Lakes Convention! You can sign up at the link below. Many informative and beneficial workshops include:

- The Art and Science of Volunteer Coordination
- Lake District Commissioner Training
- Aquatic Plant Ecology and Identification
- DNR Database (SWIMS) and Web Mapping Workshop
- Building Websites for Lake Organizations
- Citizen Lake Monitoring Network Refresher
- Shoreland and Floodplain Management and Community Action

2018 WISCONSIN LAKES PARTNERSHIP CONVENTION &  
WATER ACTION VOLUNTEERS SYMPOSIUM



APRIL 18-20, 2018

HOLIDAY INN  
CONVENTION CENTER  
STEVENS POINT

CLICK HERE TO  
REGISTER!



## Clean Boats, Clean Waters Trainings

We are truly happy to support Lake Districts, Lake Associations, municipalities, and conservation organizations in applying for Clean Boats, Clean Waters (CBCW) grants. This year, we have had awesome CBCW grant participation with 11 municipalities, lake groups, and conservation organizations receiving grant funding for the summer of 2018!



With all these grants awarded, we better get to training! Please see the table below for dates, times, and locations for 2018 Clean Boats, Clean Waters watercraft inspector training.

Please RSVP at the link below to ensure we have your shirt size and enough training materials for each event, then mark your calendar for the training!

[SIGN UP FOR CBCW TRAINING HERE](#) - Click "Aquatic Invasive Species" and follow the prompts to fill in the date you plan to attend and your T-shirt size.

Date:	County:	Time:	Place:	Address:
4/14/2018	Waukesha	9am-11am	Retzer Nature Center - Community Room	S14 W28167 Madison St, Waukesha, WI 53188
4/14/2018	Waukesha	2pm-4pm	Retzer Nature Center - Community Room	S14 W28167 Madison St, Waukesha, WI 53188
4/28/2018	Washington	9am-11am	Richfield Town Hall - Lower level	4128 Hubertus Rd, Hubertus, WI 53033
4/28/2018	Waukesha	2pm-4pm	Muskego Library - Room 3	S73W16663 W Janesville Rd,

				Muskego, WI 53150
5/5/2018	Washington	9am-11am	Big Cedar Lake PRD - Classroom	4480 Gonring Dr, West Bend, WI 53095
5/5/2018	Waukesha	2pm-4pm	Oconomowoc Community Center - Room C	220 W Wisconsin Ave, Oconomowoc, WI 53066
5/19/2018	Washington	9am-11am	Public Agency Center - Room 3005	333 E Washington Street, West Bend, WI 53095
5/19/2018	Waukesha	2pm-4pm	Summit Town Hall (new Town Hall)	37100 Delafield Road, Oconomowoc, WI 53066

[SIGN UP FOR CBCW TRAINING HERE](#) - Click "Aquatic Invasive Species" and follow the prompts to fill out the date you plan to attend and your T-shirt size.

To remain up-to-date, training should be completed at least every two years. Thank you to the organizations who are conducting watercraft inspections this year!

## Purple Loosestrife Beetle Training

Purple Loosestrife Beetles, ATTACK!

Are you interested in growing purple loosestrife and the beetles that eat it? You can help take control of wetlands that are being infested with this pesky invasive plant. If you would like to learn more, please attend one of these upcoming trainings!

Volunteers in the Purple Loosestrife Program start by growing potted purple loosestrife that is provided by the Washington/Waukesha County AIS Team and Washington County 4H. After the plants are 3-4 feet tall, each plant will receive 10 beetles. The beetles munch and reproduce on the purple loosestrife plant until it gets brown and wilted. That's when it is time to release them into a wild patch of purple loosestrife!


This table provides the dates and times that purple loosestrife activities occur in Washington and Waukesha Counties. We would love to see you get involved!

Date:	County:	Activity:	Time:	Place:	Address
3/13/2018	Washington	Training	5pm-8pm	Public Agency Center	333 E Washington Street, West Bend, WI 53095
4/10/2018	Waukesha	Training	5pm-8pm	Prairie Springs Environmental Education Center	Prairie Springs Environmental Education Center, Carroll University Waukesha, WI 53189
4/28/2018	Washington	Planting	9am-12pm	County Fairgrounds	3000 Pleasant Valley Rd, West Bend, WI 53095









Watch the Galerucella beetle crawl and eat the purple loosestrife leaves.


**Purple Loosestrife Biological Control**  
*Helping Native Plants Battle Invasive Species*



**Golden Sands**  
Resource Conservation  
& Development Council, Inc.

February to March	April	Mid-May	May to June	Late June to Early July	Throughout the summer
					
<b>Plan</b>	<b>Spring Dig</b>	<b>Add Beetles</b>	<b>Watch and Maintain</b>	<b>Release</b>	<b>Biological Control</b>
<p>Meet with local partners to gauge interest</p> <p>Locate and solidify needed permission for root digging, beetle collection, and release area work sites</p> <p>Submit DNR permit authorization application</p> <p>Contact potential volunteers, explain process, and confirm intention to help dig and/or raise beetles</p>	<p>Collect purple loosestrife roots and shoots in April</p> <p>Place potted plants in a pool filled with water</p> <p>Keep water two inches below the top of the soil so to not drown larvae</p> <p>Cover with nets to keep predators out</p>	<p>Collect beetles from the wild in mid-May</p> <p>Collect 8-10 beetles for every potted plant</p> <p>Place beetles on plant inside the net</p> <p>By mid-summer, the beetles will have reproduced into as many as 1,000 beetles per plant!</p>	<p>Keep pools filled with water</p> <p>Make sure beetles do not eat their entire food source</p> <p>Once the food source is almost gone, the plant can be moved to an existing stand, and nets can be removed</p>	<p>Release beetles into a stand of purple loosestrife when their food source is low, usually late June to early July</p> <p>The beetles can then go to work on controlling the existing stand!</p> <p>After releasing, fill out and return the DNR insect release form to the state</p>	<p>By eating the plant, the beetles stress the plant so it does not flower</p> <p>This helps native plants take back the wetland, as every year, each purple loosestrife plant produces over 1 million seeds from pollinated flowers</p> <p>Remember to collect the plant pots for rearing next year!</p>

Forms and addresses can be found online at <http://dnr.wi.gov/topic/Invasives/loosestrife.html>



To learn more, find and contact your local Aquatic Invasive Species Coordinator at <http://dnr.wi.gov/lakes/Invasives/topics.aspx>

Check out the timeline for the purple loosestrife beetle release.

## 2018 AIS Internships Available

Internships are still available in both Washington and Waukesha Counties for the summer of 2018. If you or someone you know is interested in aquatic ecology, snorkeling and diving, photography and promotion, surveying the public, and local municipal government, tell them to apply!

Apply here for:

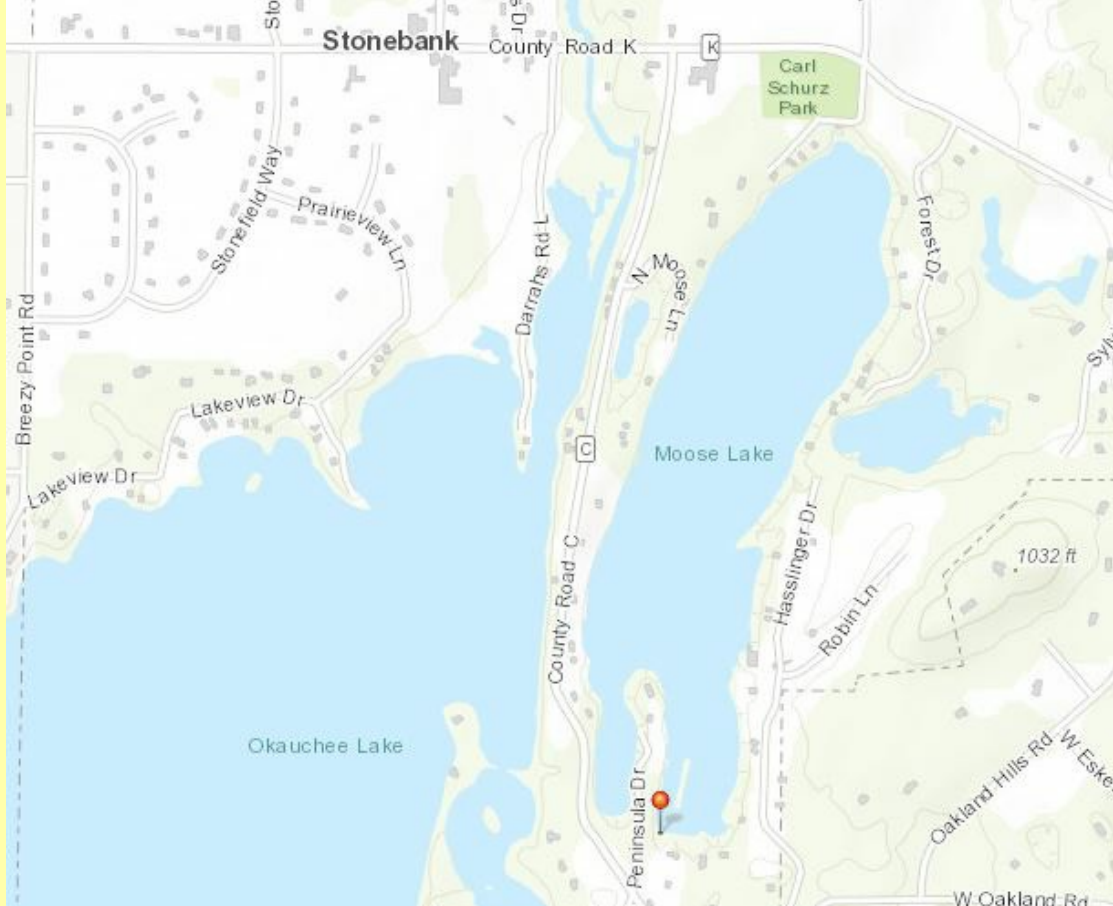
Join a fun team who likes to have fun while doing meaningful work to the best of our abilities!



This team of Carroll University students are just some of the great partners the intern works with.

## Lake of the Month - Moose Lake

February's lake of the month is Moose Lake in the town of Merton. Moose Lake is an 83 acre lake located in Waukesha County. It has a maximum depth of 61 feet. Visitors have access to the lake from a public boat landing. Fish include Panfish, Largemouth Bass and Northern Pike. The lake's water clarity is very clear.



A view of Moose Lake. Click to connect to Waukesha County GIS App.

Last summer, the Waukesha AIS Team got a call from a concerned community member about Japanese knotweed on the shore of Moose Lake. Verifying the species was in fact Japanese knotweed, the AIS Team spent a day cutting back the 1-acre stand. See our progress in the picture below! Moose Lake also has Eurasian watermilfoil, zebra mussels, Chinese/banded mystery snails, and purple loosestrife.



We made some progress cutting back a huge stand of Japanese knotweed on the shore of Moose

Conducting [Clean Boats, Clean Waters](#) at your lake helps prevent the detrimental effects of invasive species! If you are looking to participate in AIS prevention activities on your lake, feel free to contact the AIS team about getting involved.

## Public Forum for AIS Strategic Plan

We started off the new year by completing our brand new [Waukesha County Aquatic Invasive Species Strategic Plan](#). Click the link to check it out.

The public forum gives the community an opportunity to learn more about the AIS program and provide input on strategic planning efforts.

We want to hear from you! A Public Forum is scheduled for 7:00 p.m. Tuesday, March 27th, 2018 at the Delafield Brewhaus ([3832 Hillside Dr, Delafield, WI 53018](#)).



Delafield Brewhaus is located at 3832 Hillside Dr, Delafield, WI 53018.

Agenda Items include:

- Introductions and Background (7:00pm)
- Presentation of Waukesha County AIS Strategic Plan (7:10-7:40pm)
- Walkthrough of AIS Mapping Application (7:40-8:00pm)
- Questions and Discussion (8:00-8:30pm)
- Final Comments and Adjourn (8:35pm)

<https://www.waukeshacounty.gov/aisstrategicplan>



The Cover of the Waukesha County AIS Strategic Plan.

### Waukesha County's AIS Program Goals:

- **Goal 1:** Educate water users, both residents and visitors, and the general public about the existence of AIS
- **Goal 2:** Prevent the spread of AIS to and from local waters
- **Goal 3:** Collect, map, analyze, and periodically update AIS population, distribution, and density data within Waukesha County to monitor program effectiveness and identify new AIS threats
- **Goal 4:** Reduce, Manage, and Control new and existing AIS populations within Waukesha County
- **Goal 5:** Network and Collaborate with other entities on AIS efforts
- **Goal 6:** Sustain the implementation of the AIS Strategic Plan and utilize it as a living document.

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Waukesha County  
262-896-8300

[www.waukeshacounty.gov/ais](http://www.waukeshacounty.gov/ais)



