

**MINUTES  
KENOSHA COUNTY  
PLANNING, DEVELOPMENT & EXTENSION EDUCATION COMMITTEE  
Wednesday, February 14, 2024**

Minutes of the Kenosha County Planning, Development & Extension Education Committee public hearing held on Wednesday, February 14, 2024, at 6:00 p.m., at the Kenosha County Center, 19600 75<sup>th</sup> Street, Bristol, Wisconsin.

Members Present: Chairman Aaron Karow, Vice Chairman Daniel Gaschke, Supervisors Brian Bashaw, John Franco, Ed Kubicki

Youth In Governance Representatives Present: Aqsa Saad Qadri  
Youth in Governance Representative Not Present: Olivia Parish

Staff in Attendance:

Andy M. Buehler, Director, Division of Planning and Development  
Pamela Larson, Area Extension Director  
Jillian Frideres, FoodWise Teaching Coordinator  
Mary Metten, Health & Well-Being Educator  
Savannah Meyers, Community Development Educator  
Camille Carlson, Positive Youth Development Educator  
Vijai Pandian, Horticulture Educator  
Carolyn Van Sloten, 4-H Program Educator  
April A. Webb, Recording Secretary  
Scott McComb, Aquatic Invasive Species Outreach Specialist

The meeting was called to order at 6:00 p.m. by Chairman Karow.

1. **Certification of Compliance with Wisconsin Open Meetings Law:** The committee certified that all requirements of the Wisconsin Open Meetings Law had been met.
2. **Feature Program “Aquatic Invasive Species Update”:** Scott McComb, Aquatic Invasive Species Outreach Specialist, provided an extensive presentation regarding his work in the Southeast Wisconsin area (Milwaukee, Racine, and Kenosha Counties). See attached for specific details.
3. **UW-Extension Educator/Program updates:**

Mary Metten, Health & Well-Being Educator: Mary has three first-quarter dates set for partnership/programming with Community Impact Program’s foster parent program. The first training was held last week with 18 foster parents in attendance. New Encouraging Financial Conversations series started. It's a six session professional development series for human service professionals.

Savannah Meyers, Community Development Educator: Savannah reported that a regional planning workshop regarding Broadband is scheduled to be held February 21. She has been working on the Economic Development Indicator Report for KABA. A Homegrown

event will be held April 3 that has been opened up to Board Members of Twin Lakes, Paddock Lake, and Salem Lakes.

Camille Carlson, Positive Youth Development Educator: Camille is beginning her fourth week as the new PYD educator. She attended and is still currently attending training sessions. She is learning the YIG and YAR nomination responsibilities that have been transferred to her. Over 60 nominations have been received for YIG and over 50 for YAR (still updating list with last minute submissions). She is preparing materials for the youth nominees to apply to the respective programs. She is being introduced to Nia and has been familiarizing herself with the program's mission and introductory steps. Camille requested direction and provided preliminary information about the YIG nomination process and interviews.

Jillian Frideres, FoodWise Teaching Coordinator: reported that she has started an Eating Smart Being Active 7-week series with eight parents that is being held at KAFASI, though almost all are Habitat for Humanity of Kenosha County (future) homeowners. Nes Ismaili, Nutrition Educator, has started another Teen Cuisine class series at Reuther High School with about 15 students. Fabiola Diaz, Bilingual Nutrition Educator, is teaching in four 2nd grade classrooms at EBSOLA (two Dual Language classrooms, with education being held in Spanish, & two Creative Arts classrooms). She also held class with six older adults in Kenosha County who joined the Senior Center Without Walls conference call at the beginning of February. Cassandra Courtright-Krusa, Nutrition Educator, is starting a Color Me Healthy series with eight different KUSD Head Start classrooms at six different schools on February 12. Team member Fabiola Diaz is on the Kenosha County Food Bank Board and Atifa Robinson, FoodWise Nutrition Education Administrator, is on the Harbor Market Board.

Carolyn Van Sloten, 4-H Educator: reported that current enrollment is up to 707 members. The new year brought in numerous activities in 4-H. Ten community clubs and twelve countywide projects met including the new project Outdoor Adventures. This project was designed to appeal to all youth throughout the county. The high school Ambassadors carried out a very successful Cloverbud Night. Forty K-2 graders attended a night where they learned about the 4-H pledge, created a clover craft, and played games. The Ambassadors have planned another Cloverbud Night for the end of February. Clubs continue to do community service projects - two of them went to Feed My Starving Children to pack meals for impoverished areas. The highlight of February will be the 4-H Council Sponsored Pinewood Derby; close to 170 youth are signed up to race.

Vijai Pandian, Horticulturist: reported that he presented at the statewide plant diagnostic program for more than 150 people on various plant health issues. He collaborated with WAA and hosted a webinar on urban forestry. More than 50 people attended the webinar. Vijai coordinated the poster abstracts for the upcoming WAA annual conference. He is coordinating and hosting the landscape short course program in February. More than 300 people registered. And, he has collaborated with the WNLA and is hosting the first webinar series on nursery pest management tomorrow; 49 people are registered so far. Vijai placed orders for trees, small fruits and sweet potato varieties for this year's trial purpose and collaborated with the Wisconsin Correctional Institute and wrote a proposal to fund 36 raised beds at the Correctional Institute facility. He attended the ILandscape Conference in Schaumburg, IL.

4. **UW-Extension Director's Report:** Area Extension Director Larson provided a handout regarding virtual learning opportunities. She noted that there was an Agriculture Educator candidate that had accepted the position. However, they opted out afterwards. Pam is conferring with the Agriculture Institute Director and Regional Program Manager to explore optional ideas to fill this position. The Annual Report is currently being created and will be available for distribution next month.

Chairman Karow called for a brief recess prior to reconvening for the Public Hearing portion of this meeting.

After a brief recess, the Public Hearing was called to order at 7:00 p.m. in the Public Hearing Room (Recording #2 of 2).

Chairman Karow called for introductions of committee members, youth in governance, and staff.

5. **William and Diane Fliess Rev. Trust**, 2515 200<sup>th</sup> Ave., Union Grove, WI 53182 (Owner), William Fliess, 2515 200<sup>th</sup> Ave., Union Grove, WI 53182 (Agent), requests an **amendment to the Adopted Land Use Plan map for Kenosha County: 2035 (map 65 of the comprehensive plan)** from "Farmland Protection" to "Farmland Protection" & "General Agricultural and Open Land" on Tax Parcel #45-4-221-162-0301, located in the NW ¼ of Section 16, T2N, R21E, Town of **Paris**. (2:29 recording time)

William Fliess (Owners/Agent) was in attendance to speak to this item.

- Bashaw/Gaschke motion to **approve** and recommend to the Kenosha County Board of Supervisors the Comprehensive Plan Amendment request of William and Diane Fliess Rev. Trust (Owner) and William Fliess (Agent). Motion carried on the following roll call vote: Gaschke – aye; Bashaw – aye; Franco – aye; Kubicki – aye; Karow – aye; YIG Qadri – aye.
  - Bashaw/Gaschke motion to **hear** agenda items 6 and 7 (Fliess Rezoning and CSM) simultaneously. Passed unanimously by those PDEEC members present, including YIG.
6. **William and Diane Fliess Rev. Trust**, 2515 200<sup>th</sup> Ave., Union Grove, WI 53182 (Owner), William Fliess, 2515 200<sup>th</sup> Ave., Union Grove, WI 53182 (Agent), requesting a **rezoning** from A-1 Agricultural Preservation Dist. to A-1 Agricultural Preservation Dist., A-2 General Agricultural Dist., C-1 Lowland Resource Conservancy Dist. & PUD Planned Unit Development Overlay Dist. on Tax Parcel #45-4-221-162-0301, located in the NW ¼ of Section 16, T2N, R21E, Town of **Paris**. (12:15)

William Fliess (Owners/Agent) was in attendance to speak to this item.

- Bashaw/Kubicki motion to **approve** and recommend to the Kenosha County Board of Supervisors the rezoning request of William and Diane Fliess Rev. Trust (Owner) and William Fliess (Agent). Passed unanimously by those PDEEC members present, including YIG.

7. **William and Diane Fliess Rev. Trust**, 2515 200<sup>th</sup> Ave., Union Grove, WI 53182 (Owner), William Fliess, 2515 200<sup>th</sup> Ave., Union Grove, WI 53182 (Agent), requesting a **Certified Survey Map** on Tax Parcel #45-4-221-162-0301, located in the NW ¼ of Section 16, T2N, R21E, Town of **Paris**. (12:15)

William Fliess (Owners/Agent) was in attendance to speak to this item.

Chairman Karow confirmed with the applicants that they had read and concur with the conditions of approval.

- Bashaw/Kubicki motion to **approve** the Certified Survey Map for William and Diane Fliess Rev. Trust (Owner) and William Fliess (Agent), subject to the following conditions:

- 1) William and Diane Fliess Rev. Trust, 2515 200th Ave., Union Grove, WI 53182 (Owner), William Fliess, 2515 200th Ave., Union Grove, WI 53182 (Agent) – NW ¼ of Section 16, T2N, R21E, Town of Paris. For informational purposes only, this parcel is located on the west side of CTH "A" (180<sup>th</sup> Avenue), approximately 750 feet north of STH 142 (Burlington Road).

Requesting approval of a Certified Survey Map (dated November 3, 2023 by Robert J. Wetzel of B.W. Surveying, Inc.) to create one (1) 11.57-acre Lot, and one (1) 69.42-acre Lot on Tax Parcel #45-4-221-162-0301, located in the NW ¼ of Section 16, T2N, R21E, Town of Paris.

Conditional Approval subject to the following:

- a) Compliance with any conditions put forth by the Town of Paris.
- b) Subject to revising the CSM to address review comments from the Wisconsin Department of Administration's November 29, 2023 review letter (Exhibit A, attached).
- c) Subject to making the following revisions to the CSM:
  1. Add a note indicating the existing and proposed zoning districts of the proposed Lots.
  2. Indicate the zoning of lands adjacent to the proposed land division.
  3. Indicate the ownership of unplatted lands adjacent to the proposed land division.
  4. Add & label the floodplain and shoreland boundaries.
  5. Add wetland areas to the face of the CSM as depicted on the Wisconsin DNR Surface Water Data Viewer's Wisconsin Wetland Inventory map.
  6. Add a note indicating that "Wetlands shown are from the Wisconsin Wetland Inventory Map".
  7. Add note stating there shall be no filling, excavation or building within wetland areas.
  8. On Sheet 4 under the Kenosha County Planning, Development & Extension Education Committee signature block area, revise the name of the Chairperson from "Jeff Badtke" to "Aaron Karow".
- d) Subject to all rules and requirements of Chapter 15 of the Kenosha County Sanitary Code and Private Sewage System Ordinance and SPS 383 and 385 of the Wisconsin Administrative Code. Complete soil and site evaluations have been conducted on each lot and where required by County Ordinance. The report is on file with the Kenosha County Department of Planning and Development. Any change in the location of the dispersal cell area must result in another soil and site evaluation

by a licensed State of Wisconsin soil tester prior to changing the location of a prospective Private Onsite Wastewater Treatment Systems (POWTS). It is recommended that any desired change in the location of the dispersal cell be done prior to any transaction of property. All tested areas shall be protected and preserved by the developer and any subsequent owner from any disturbance which includes: cutting and filling of existing soil surface, compaction from vehicles, installation of roads and driveways, installation of stormwater devices and excavation for utilities. Destruction of a POWTS site may result in a parcel being unbuildable. None of these lots may have their dwellings served by holding tanks.

- e) Subject to the rezoning being approved from A-1 Agricultural Preservation Dist. to A-1 Agricultural Preservation Dist., A-2 General Agricultural Dist., C-1 Lowland Resource Conservancy Dist. & PUD Planned Unit Development Overlay Dist.
- f) The certified survey map shall not be released for recording until the rezoning ordinance is signed by the County Executive.
- g) Subject to sending an electronic copy of the revised CSM showing the aforementioned changes to the Kenosha County Department of Planning and Development office to receive sign-off prior to the surveyor preparing the recordable CSM document for signatures. The county contact is Luke Godshall who can be contacted at the following e-mail address: [luke.godshall@kenoshacounty.org](mailto:luke.godshall@kenoshacounty.org).
- h) No land division shall be recorded if any portion or part of the parent parcel has any unpaid taxes or outstanding special assessments without prior approval of the local and Kenosha County Treasurer.
- i) Subject to receiving the original certified survey as approved by the Town of Paris.
- j) Subject to submitting the recordable copy of the Certified Survey Map (CSM) with signatures to the Kenosha County Planning & Development office along with the appropriate Register of Deeds recording fees within twelve (12) months of receiving conditional approval from the Kenosha County Planning, Development & Extension Education Committee. The Kenosha County Planning & Development office will submit the CSM along with the appropriate fees to the Register of Deeds for recording immediately upon receiving the recordable CSM and fee payments. Failure to submit the CSM with the required fees within the twelve (12) month time limit will render the CSM null and void. Failure to meet these conditions will require that the CSM be resubmitted for approval by the Kenosha County Planning, Development & Extension Education Committee.

Passed unanimously by those PDEEC members present, including YIG.

8. **Markquart Burlington LLC**, 1844 Commercial Blvd, Chippewa Falls, WI 54729 (Owner), Eric Dennis, 5712 392<sup>nd</sup> Ave, Burlington, WI 53105 (Agent), requesting a **Conditional Use Permit** to construct a propane tank and dispenser in the B-3 Highway Business Dist. on Tax Parcel #95-4-219-314-0640 located in the SE ¼ of Section 31, T2N, R19E, **Town of Wheatland**. (16:02)

Division Director Buehler noted that the agent for this application was unable to attend the meeting this evening but was available by phone if they had any questions that required his response. Mr. Buehler provided some general information about the request.

- Bashaw/Gaschke motion to approve the Conditional Use Permit for Markquart Burlington LLC (Owner), Eric Dennis (Agent), subject to the following conditions:

1. Subject to the application stamped received by the office of Planning and Development on December 12, 2023 and all corresponding plans and attachments.
2. Subject to that recommended by the Town of Wheatland Town Board on February 12, 2024 (Exhibit A, attached).
3. Subject to the conditions present in the Kenosha County General Zoning and Shoreland/Floodplain Zoning Ordinance Section 12.29-8(b)51; Fuel Oil, bottled gas dealers in the B-5 District (shown below):

- a) A detailed site plan and environmental impact study shall be submitted with the application for a conditional use permit.
- b) The plan for the storage of fuels and the security to be provided on the site along with a fire protection plan shall be submitted to the Planning, Development & Extension Education Committee for review, consideration, and approval. Such plans shall also designate the type of fencing that will surround the storage of such materials and the lighting of the premises.

*Note: Applicant stated they plan to install bollards around the entire tank placement and that tank will be installed 50-75 feet inside of the side driveway gate. The facility is not to be open to the public and it used to prepare/fill RVs prior to sale.*

- c) All federal and state guidelines shall be complied with.
- d) All federal, state and local permits shall be filed with the Planning, Development & Extension Education Committee.

*Note: Applicant stated tank installer will register tank with State of Wisconsin.*

- e) Storage of fuel oil and bottled gas shall not be permitted closer than 500 feet to any residential, institutional or park district.

*Note: This condition is satisfied based on current zoning district classifications in the area.*

4. Subject to the requirements of the Kenosha County Stormwater Management, Erosion Control and Illicit Discharge Ordinance.
5. A zoning permit shall be applied for and issued by the Department of Planning and Development prior to the construction of any structure(s).
6. It is the responsibility of the applicant to comply with all State and local regulations related to health. This includes proper and adequate toilet and hand washing facilities, showering facilities, proper food preparation and serving conditions, adequate tested potable water, proper disposal of refuse and food by-products on a timely basis. The Kenosha County Division of Health requires

permits and inspections to assure the event is conducted within laws of proper sanitation and health. The applicant shall obtain all necessary health related permits and assure that all necessary tests and inspections are conducted.

7. No substantial changes or expansion of the submitted plan of operation, change in use, and/or proposed addition(s) to any existing building(s) or proposed new building(s) shall take place without the petitioner re-applying for a Conditional Use Permit to Kenosha County for its review and approval.
8. It is the total responsibility of the petitioner to assure and guarantee that the above stated conditions are fully complied with. Any deviation from the approved plans and conditions shall result in the issuance of a citation and associated stop work order until such time as the project is brought back into compliance. Continuance of the project shall result in a recommendation for revocation of the Conditional Use Permit.
9. If property ownership shall happen to change then it is the responsibility of the person(s) that signed these conditions to notify new owner of all above stated conditions of approval. Any changes or deviations from the above referenced approved plans will require additional review and approval and will be subject to additional fees by Planning and Development.

Passed unanimously by those PDEEC members present, including YIG.

9. **Irving One, LLC**, 1222 N Grant Ave, Odessa, TX 79761; Diedrich Family Farm LLC, 2000 Richmond Road, Twin Lakes, WI 53181; Russell Brothers, LLC, 11909 Richmond Road, Twin Lakes, WI 53181 (Owners), Country Thunder Music Festivals, 730 Gallatin Pike N, Madison, TN 37115 (Agent), requesting a **Conditional Use Permit** for a country music festival (July 18 - 21, 2024) with an assembly over 5,000 people on the following Tax Parcels: #60-4-119-304-0405 (Irving One, LLC), #60-4-119-304-0100 (Diedrich Family Farm LLC) & part of #60-4-119-311-0200 (Russell Brothers LLC) located in the S 1/2 of Section 30 & the N 1/2 of Section 31, T1N, R19E, Town of **Randall**. (21:10)

Kraig Bottelmy, agent, was in attendance to speak to this item, as well as Town of Randall representatives and Kenosha County Sheriffs representatives.

- Bashaw/Franco motion to **approve** the Conditional Use Permit for the Country Thunder Event July 18-21-2024, subject to the following conditions:

**[NOTE: ALL DEADLINE DATES ARE SHOWN IN BOLD]**

1. Subject to the conditional use permit application stamped received by Planning & Development on November 28, 2023, which includes festival dates, times, general overview, event set-up and tear down schedule, camping overview, traffic summary, food and beverage operations, ticket information and attendance, general site information, rules and regulations, and emergency procedures. Implementation of improvements to the sites and adjacent areas may require permits from the State, Kenosha County, or the Town of Randall. In addition, permits may be required for signs in and along the right-of-way of Walworth County, and State, County and local highways in the State of Illinois. The applicant is responsible for obtaining these permits along with contacting and implementing the conditions as required by these units of government.

2. Subject to that approved by the Town of Randall Town Board on January 25, 2024.
3. **Subject to compliance with any conditions established by the Village of Genoa City as part of their Special Events Permit.**
4. If the Country Music Festival is to be held next summer, the application for the Conditional Use Permit shall be filed by no later than **February 12, 2025** for the March 1, 2025 Planning, Development & Extension Education Committee ("PDEEC") meeting to ensure adequate time for the planning and permitting of the event.
5. This conditional use permit is being granted solely for a single event, which shall be operated July 17-22, 2024. Any additional festival events will require applying for and receiving a conditional use permit from PDEEC, as well as receiving approval from the other affected units of government having jurisdiction over events of this nature. If approval for this type of event is not granted in 2025, or the applicant chooses not to have an event in 2025, all lands that were rezoned from A-1 Agricultural Preservation District to A-2 General Agricultural shall be rezoned back to A-1 Agricultural Preservation District by the applicant(s) or its agent.
6. Kenosha County Planning and Development will schedule at least one update meeting at least two weeks prior to event and no later than July 3, 2024.
7. An event production schedule shall be provided for review to the Kenosha County Department of Planning & Development ("Planning & Development") by **July 3, 2024**.
8. Applicant shall provide the latest attendance numbers for review to the Kenosha County Sheriff's Department and Kenosha County Department of Planning & Development by **July 15, 2024**.
9. Applicant shall confirm each event day what the daily attendance numbers will be along with the number of "day specific" tickets sold or distributed and provide the numbers to the Kenosha County Sheriff's Department and Planning & Development each day.
10. Applicant shall provide proof of liability insurance to Planning & Development by no later than **July 3, 2024**.
11. A site plan showing the location of all temporary and permanent structures and their intended use for the duration of the Country Thunder event shall be provided to Planning & Development by **July 3, 2024**.
12. A list of amusement rides that will be present at the event and proof of liability insurance shall be provided to Planning & Development by **July 12, 2024**. All amusement rides shall be properly registered and operated in accordance with Wisconsin Administrative Code Chapter SPS 334 – Amusement Rides.
13. The County Thunder Disaster Preplans, prepared by the Town of Randall Fire Department in 2022 and revised as needed, shall be followed for any fire, rescue, emergency and evacuation needs during the event. National Oceanic and Atmospheric Association (NOAA) weather radios shall be on hand and used to monitor weather conditions from the National Weather Service offices in Sullivan, WI and Chicago, IL during the duration of the festival, as referred to in the emergency plan. Site managers shall be



briefed on their use and must be familiar with the use of radio communication equipment for interfacing with response agencies as necessary.

14. The grounds, including areas not visible to the public, shall be kept neat and clean at all times. Staff shall be provided for the purposes of picking up litter whenever the public is on the site. In addition, it is the responsibility of the applicant to remove all litter that may be blown from the site onto abutting properties and/or road rights-of-way, with final on & off-site clean-up being completed no later than **August 2, 2024**.
15. All Country Thunder-related structures, tents, temporary fences and equipment shall be removed from the event properties no later than **August 2, 2024**.

#### TRAFFIC AND PARKING

16. Traffic patterns/traffic control for the event shall be based on a traffic plan as depicted in the attached Exhibit A. Any change to this plan shall be reviewed and approved by representatives of Country Thunder, the Kenosha County Sheriff's Department, the Kenosha County Department of Public Works, Planning & Development and any other affected governmental agencies. The plan shall include the training and coordination of parking attendants and the affected county agencies. A series of coordination meetings including all affected agencies will be needed to solve traffic problems. Any costs associated with this traffic planning are the responsibility of the applicant. Any directional maps that are distributed by Country Thunder shall be reviewed and approved by the Kenosha County Sheriff's Department, the Kenosha County Department of Public Works and Planning & Development.
17. A detailed site plan showing all parking areas, camping areas and traffic flow patterns shall be submitted to Planning & Development by no later than **July 3, 2024**. Parking shall take place only in the designated areas shown on the plan. Entrance and exit roads shall be graveled and maintained for a minimum distance of 100 feet from the edge of pavement of the public road and the remaining entrance and exit roads shall be maintained in a dust free condition at all times. Efforts should be pursued to improve the condition of any internal festival roadways which historically become muddy and, therefore, difficult or impossible for patrons and staff to navigate. No off-site parking is allowed, including within public rights-of-way. "No Parking" signs must be installed by Kenosha County in the vicinity of the event at the cost of the applicant. Directional signage, pavement marking, and roadway patrol shall be in accordance with memorandums and approvals from the Kenosha County Sheriff's Department and/or the Kenosha County Department of Public Works.
18. **Taller and more visible signage at the main entrance gate and drop-off area shall be provided for this year's event. Signage shall be two-sided so as to be visible by traffic approaching from either direction and tall/large enough so as to not be obstructed from view by parked or queued vehicles entering the site. Plans for signage shall be submitted by no later than June 3, 2024 to allow adequate time for review and approval prior to the event.**
19. **The drop-off area shall be designed for efficient vehicle flow into and out of the area, including providing prominent directional/informational signage and graveled or paved drive lanes in areas of mud or potential mud. Any change of the location or configuration of the drop-off area between approval of this Conditional Use Permit and the start of the event shall be reviewed and approved by the Kenosha County Sheriff's Department, the Kenosha County Department of Public Works and Planning & Development.**

ACTIVITY CONTROL LICENSE

20. The applicant is responsible for applying for and obtaining a Kenosha County Activity Control License with the Kenosha County Sheriff's Department and the Kenosha County Clerk's Office, to be approved by the Kenosha County Board of Supervisors prior to the event and complying with any associated conditions as set forth in said Activity Control License.

It should be noted that where a conflict exists between the proposed number of facilities, security staffing, parking attendants, toilets, etc., the applicant shall provide the greater number, but shall, under no circumstances, provide less than the required number as set forth in the Kenosha County Activity Control Ordinance, being Chapter 8 of the Municipal Code of Kenosha County.

HEALTH

21. The Kenosha County Division of Health shall test all three wells and the distribution systems by July 3, 2024. Repairs, maintenance and chlorinating of the wells, if needed, must be completed prior to this date. Any temporary water lines in the camping areas shall be shown on a plan and approved by the Kenosha County Division of Health.

22. The County Environmental Sanitarian shall be contacted **30 days prior to the music festival** to inspect the existing private onsite wastewater treatment systems (POWTS) on the festival grounds to determine compliance with the State and County Sanitary Codes.

Any new or existing buildings served with water and having sanitary waste drains and not connected to an acceptable POWTS will be identified at the time of the Sanitarian's inspection. Based on the project and time permitting, a complete plan submittal and an application for a Sanitary Permit may be required to be submitted to the Sanitarian with installation and inspection by the county occurring before **July 8, 2024**.

23. It is the responsibility of the applicant to comply with all State and local regulations regarding public health. This includes proper and adequate toilet and hand washing facilities, showering facilities, proper food preparation and serving conditions, adequate tested potable water, proper disposal of refuse and food by-products on a timely basis. The Kenosha County Division of Health requires permits and inspections to assure the event is conducted within laws of proper sanitation and health. The applicant shall obtain all necessary health-related permits and assure that all necessary tests and inspections are conducted. Above-mentioned facilities must be in place for inspection by July 15, 2024.

24. Plans showing the location of the vendor areas, along with a list of vendors occupying booths shall be provided to the Kenosha County Sheriff's Department, Kenosha County Division of Health and Planning & Development by July 3, 2024. The plan shall be kept current, and updates shall be provided prior to the event.

25. Information regarding service and service provider of grease disposal shall be provided to the Kenosha County Division of Health and Planning & Development by July 3, 2024.

26. Information on solid waste removal service provider and schedule of service to be provided to Kenosha County Division of Health and Planning & Development by **July 3, 2024**.
27. **The Kenosha County Division of Health shall be provided with a list of names of individuals who are responsible for servicing portable toilet units, servicing hand washing stations, shower waste disposal, and supervising the food court and VIP food service areas by July 3, 2024. All hand washing stations shall be in place and installed with soap dispensers and single-service towel dispensers before the festival opens. Hand washing stations must be provided for all food preparation/serving areas. Hand washing stations need to be monitored and maintained with water, soap, and towels. In areas where water is not available under pressure, a minimum of a five- (5) gallon insulated container with a spigot and approved liquid waste disposal shall be provided.**
28. Any individual considering tattooing at the event must contact the Kenosha County Division of Health by **July 3, 2024**.
29. Payment and applications for temporary restaurant licenses shall be received by **July 15, 2024**. Payment must be made to the Kenosha County Division of Health in the form of a certified check.
30. Payment for special event campground licenses and water testing fees shall be received by **July 15, 2024**. Payment must be made to the Kenosha County Division of Health in the form of a certified check.
31. **Separate enclosed toilets for males and females meeting all state and local specifications must be conveniently located throughout the grounds and in proximity to the campground, sufficient to provide facilities for the maximum number of people to be assembled at the rate of at least one toilet for every 200 persons, with said facilities to be evenly-divided between male and female together with an efficient, sanitary means of disposing of waste matter deposited, which is in compliance with all state and local laws and regulations.**
32. **There must be one lavatory for every 500 persons with running water under pressure and a continuous supply of soap and paper towels to be provided with each lavatory or in the alternative a sufficient number of chemically treated sanitary towels.**
33. **Prep kitchens and the VIP buffet tent shall be completely screened, and other food booths shall be screened as needed.**
34. **Thermometers must be provided in all refrigeration units. A long stem thermometer shall be provided in all food tents/preparation areas to check hot food temperatures.**
35. **No bare hand contact of ready-to-eat food will be allowed. Employees shall use suitable utensils such as deli tissue, spatulas, tongs or single-use gloves.**
36. One (1) hand-held radio unit must be provided to Kenosha County Division of Health staff to facilitate communication with Country Thunder staff.
37. Three (3) all access passes with VIP parking and an on-site all-terrain vehicle must be provided for Kenosha County Division of Health inspection staff.

GENERAL

38. To assure that proper facilities are provided to those attending and to assure that the festival has a minimum effect on the neighboring area, copies of service contracts as listed in the application shall be provided to Planning & Development by July 3, 2024.
39. No on- or off-premise signs, banners, or billboards shall be constructed, erected, or displayed without first obtaining proper permits from the State, County or local unit of government in which they are being located. The existing billboard sign located on the Country Thunder property along CTH P (Richmond Rd.) shall not be used to advertise for off-premise businesses or services and shall be used only for advertising the Country Thunder event or other events taking place on the premises.
40. No operation of amusement rides past Midnight.
41. No hot air balloon rides are permitted.
42. All speakers facing away from permanent dwellings, as stated in the submitted Conditional Use Permit application dated November 28, 2023, must be enforced and observed.
43. A 1:00 a.m. curfew for excessive or loud noise, must be strictly enforced and observed. This includes all activities on the grounds including the circus tent (Electric Thunder) ceasing operations by 1 a.m., per the approval of the Town of Randall Town Board.
44. Information on electrical generators, number of units to be used and a site plan layout of their locations to be provided to Planning & Development by **July 3, 2024.**
45. On-site security shall be based on a plan prepared by the applicant and submitted to the Kenosha County Sheriff's Department by **July 8, 2024** for review and approval prior to the event. This must include security guards, either regularly-employed, duly sworn off-duty Wisconsin peace officers or private guards, licensed in Wisconsin, sufficient to provide adequate security for the maximum number of people to be assembled at the rate of at least one (1) security guard for every 750 people. Except that in the case of assemblies of less than 750 people, continuing between the hours of midnight and 8:00 a.m., there shall be at least one (1) security guard.
46. It has been determined that Kenosha County must assign staff and equipment to assure that this event is operated in accordance within the rules established by the state and the county and to ensure that this event has a minimal effect on the general public. In order to ensure that the taxpayers of Kenosha County are not burdened for cost(s) requiring staffing and equipment associated with this event, such as patrol and traffic control, highway maintenance, and the possibility of cleaning the public right-of-way, health inspections, golf carts, emergency services planning, along with review and verification by Planning & Development staff, approval of this request would be granted provided Kenosha County shall receive from the applicant or its agent a check. This check shall be in an amount as determined by the Kenosha County Sheriff's Department and payable to Kenosha County. Kenosha County may use the money solely for the purpose of reimbursing costs related to the event prior to, during, or after the event takes place. The County will provide a list of actual expenditures requiring reimbursement by the applicant. In addition, if Kenosha County determines that its actual costs related to the event exceeds the

amount of the check, the applicant or its agent agrees by the signing of these conditions to reimburse Kenosha County for the additional costs related to the event. This check shall be received before review of the Activity Control License by the Judiciary & Law Enforcement Committee.

47. It is the responsibility of the petitioner to assure and guarantee that the above conditions are fully complied with. This includes, but is not necessarily limited to, meeting conditions established herein, providing letters of credit, providing and following approved plans, obtaining permits prior to construction, making improvements, participating in coordination meetings with governmental officials, following established time frames, meeting deadlines, and providing additional information where deemed necessary. Any unauthorized deviation from the approved plans and conditions shall result in the issuance of a citation and/or applicable stop work order by Planning & Development or other applicable agencies until the conditional use permit is brought back into compliance. Continued violation of the conditions as set forth herein shall result in a recommendation for revocation of the Conditional Use Permit.

Passed unanimously by those PDEEC members present, including YIG.

10. **Review and Possible Approval – Revised Land Use Fees Schedule (36:12)**

Division Director Buehler presented the revisions to the Fee Schedule (added fees for Village of Salem Lakes zoning review per new contract and revised Section III. Property Record Maintenance fee dollar amounts).

- Gaschke/Kubicki motion to **approve** the Revised Land Use Fees Schedule as presented. Passed unanimously by those PDEEC members present, including YIG.

11. **Review And Possible Action – Ordinance amendments to the text of the Kenosha County General Zoning and Shoreland/Floodplain Zoning Ordinance.** The proposed text changes will adopt the State/FEMA model floodplain zoning ordinance as a stand-alone subsection of Chapter 12 superseding existing floodplain language in Chapter 12 and authorizing such pertinent language to be removed. Such model ordinance is compliant with the Code of Federal Regulations Title 44, Chapter I, Section 60 and the Wisconsin Administrative Code Chapter NR 116 including the adoption of the new Flood Insurance Rate Maps (FIRMs) and the new Flood Insurance Study (FIS). (38:22)

Division Director Buehler noted this item was not ready to move forward at this time; the WI DNR is still reviewing the proposed documentation. Staff anticipates it will be ready for the March PDEEC agenda; staff anticipates this would be the only land use hearing for that meeting.

- Gaschke/Bashaw motion to **Table** the proposed revisions to the Kenosha County General Zoning and Shoreland/Floodplain Zoning Ordinance. Passed unanimously by those PDEEC members present, including YIG.

12. **Approval of Minutes**

- Karow/Bashaw motion to approve the minutes as presented of the December 13, 2023, Planning, Development and Extension Education Committee meeting. Passed unanimously by those PDEEC members present.

13. **Citizen Comments – None.**

14. **Any Other Business Allowed By Law – None.**

15. **Adjournment**

- Bashaw/Kubicki motion to adjourn the meeting. Passed unanimously by those PDEEC members present. The meeting was adjourned at 7:45 p.m.

The next regularly scheduled meeting of the Planning, Development & Extension Education Committee will be held on Wednesday, March 13, 2024.



SOUTHEAST WI

# **Aquatic Invasive Species Prevention & Monitoring**

Milwaukee | Racine | Kenosha Counties

# SE WI AIS Prevention & Monitoring

- Why invest in AIS prevention and monitoring?
- How does the state support AIS activities?
- Who is involved in AIS activities?
- What work is being done to prevent and monitor AIS?



# Wisconsin DNR Surface Water Grant

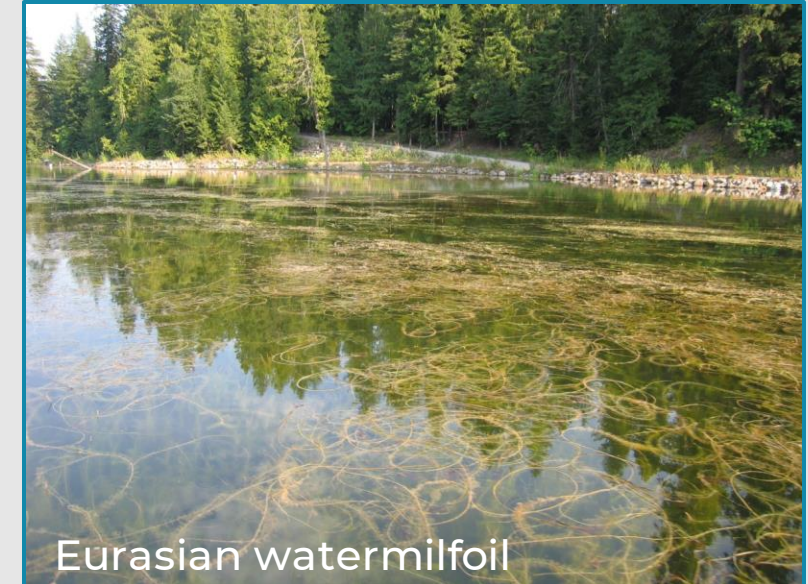
- Non-native plants, animals and pathogens, **AND**
- Can causes economic or environmental harm or harm to human health

## Successful because...

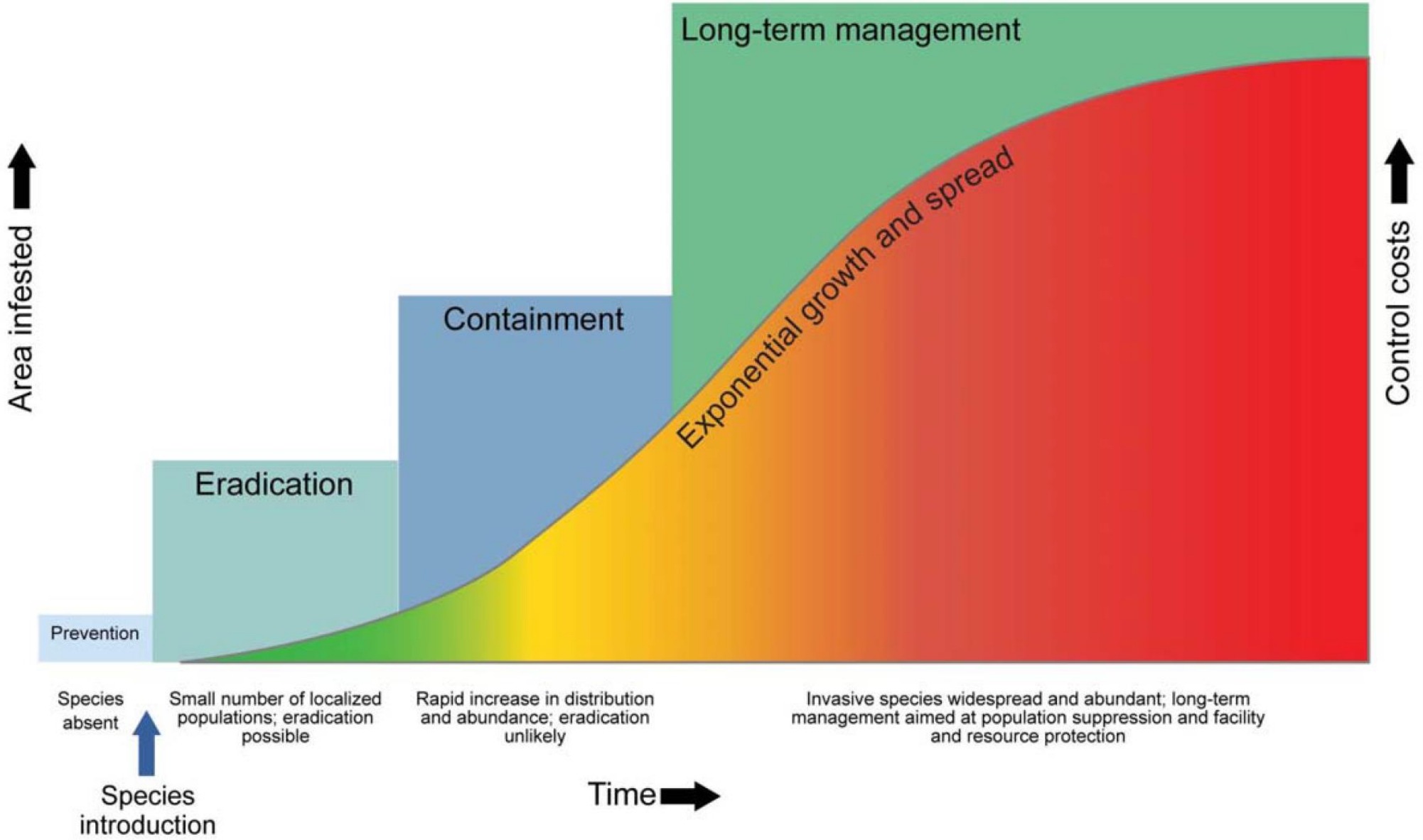
- Few or no natural predators
- Aggressive, prolific, mature early
- Outcompete native species

## Impacts

- Alters habitat, reduces native populations
- Reduce production of fisheries
- Decreases water availability to residential and commercial users
- Blocks transportation routes degrading water quality
- Degrades water quality

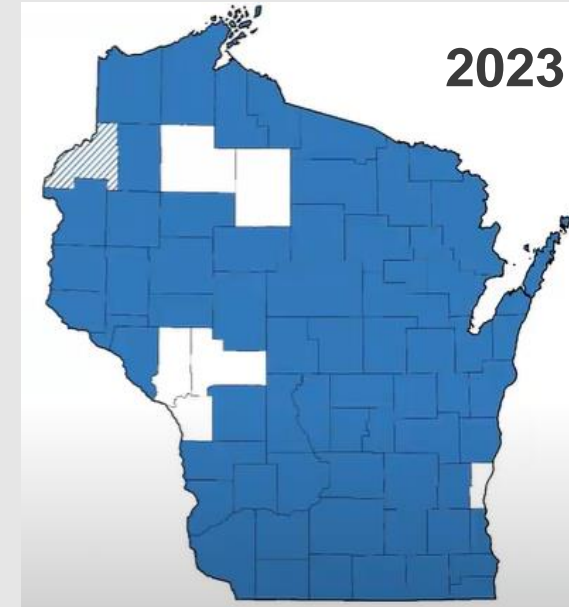


Eurasian watermilfoil



# Wisconsin DNR Surface Water Grant

- **Lake Monitoring & Protection Network (LMPN)**
  - \$1 million in annual support to counties
    - Non-competitive grant, no match
    - Water resources, condition, AIS activities, population and visitor spending
    - \$13,676 Kenosha County
- **To coordinate AIS monitoring and prevention activities**



# Southeast Wisconsin Network

Milwaukee County

Racine County

Kenosha County

Great Lakes CCC

Browns Lake Sanitary District

Urban Ecology Center



Extension Lakes  
College of Natural Resources  
**University of Wisconsin-Stevens Point**

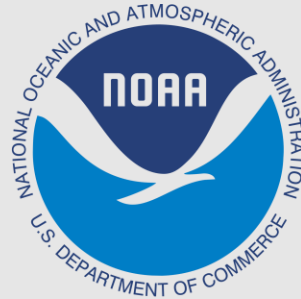
Falcon Heights HOA

Hooker Lake Management District

Harborside Academy

# Wisconsin Sea Grant

- Support and enhance the sustainable use, conservation and health of Great Lakes resources and the well-being of communities
- Statewide programming in research, education and outreach
  - Aquaculture
  - **Aquatic Invasive Species**
  - Coastal processes and engineering
  - Emerging contaminants
  - Fish and fisheries
  - Mapping and GIS
  - Resilient coastal communities
  - Social science
  - Water quality



**Southeast WI**



Extension Kenosha County

Extension Racine County



# Southeast WI AIS Prevention & Monitoring

To *improve surface water* quality through the detection, prevention, and control of AIS and monitoring of lake water quality conditions

- **Lake and River Monitoring**
  - To detect new species, track existing species
  - Informs management decisions
- **AIS Prevention**
  - To educate about the risk of AIS
  - To reduce the spread and introduction of AIS
  - Watercraft inspections, signage, outreach
- **AIS Control**
  - To reduce the impacts of AIS
  - Purple loosestrife biocontrol



# Citizen Lake Monitoring Network



- Collect high-quality lake monitoring data
- **Water clarity**, water chemistry, ice-on/ice-off, **AIS**, Native aquatic plants
- Volunteer-based
- **2023 CLMN Participants (7/16)**
  - Cross Lake\*
  - Lake Mary
  - Lilly Lake
  - Paddock Lake
  - Rock Lake
  - Silver Lake
  - Vern Wolf Lake\*





# Project RED (Riverine Early Detection)

- Establish baseline data on rivers
- AIS early detection
- Environmental stewardship
- Target waters
  - Pike River
  - Fox River



**Shoreline/Wetland Plants**

- Japanese hops
- Phragmites
- Japanese knotweed
- Purple loosestrife
- Flowering rush
- Yellow iris



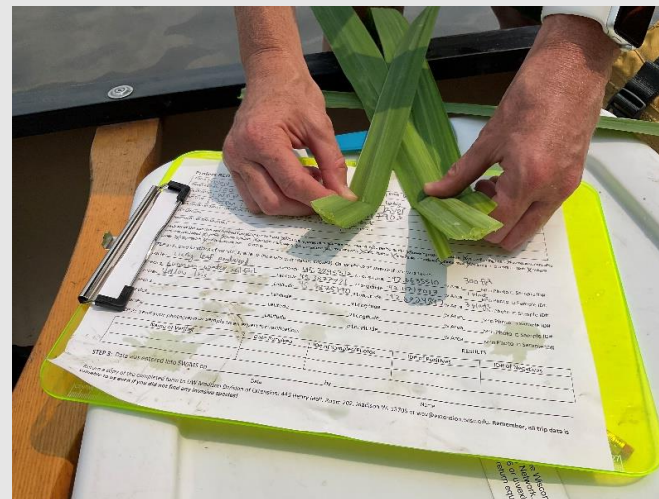
**Emergent/Submerged Plants**

- Yellow floating heart
- Eurasian watermilfoil
- Curly-leaf pondweed
- Hydrilla
- Water hyacinth
- Didymo
- Brazilian waterweed
- Water lettuce
- Starry stonewort
- Parrot feather



**Invertebrates**

- New Zealand mudsnail
- Faucet snail
- Asian clam
- Zebra mussels
- Quagga mussels
- Rusty crayfish
- Red swamp crayfish



# Snapshot Day

- Identify new infestations of AIS
- Educate new audiences
- Recruit AIS monitoring participants
- Inspire community members to action

## 2023 Statewide Overview

- 22 events
- 102 waters monitored
- 115 volunteers
- 49 new identifications



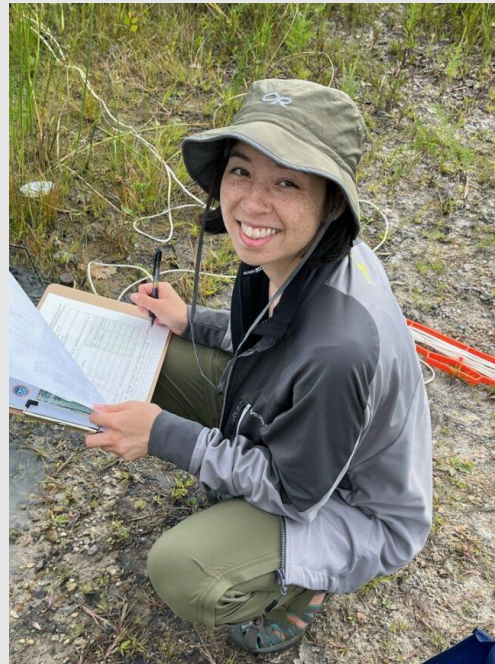


## Snapshot Day - RACINE

- 5 volunteers
- 11 monitoring sites
- 4 waters monitored
- 5 new identifications

*"Snapshot Day was a great way to get to know the area, and to spend time getting to know what efforts go into caring for a community and environment."*

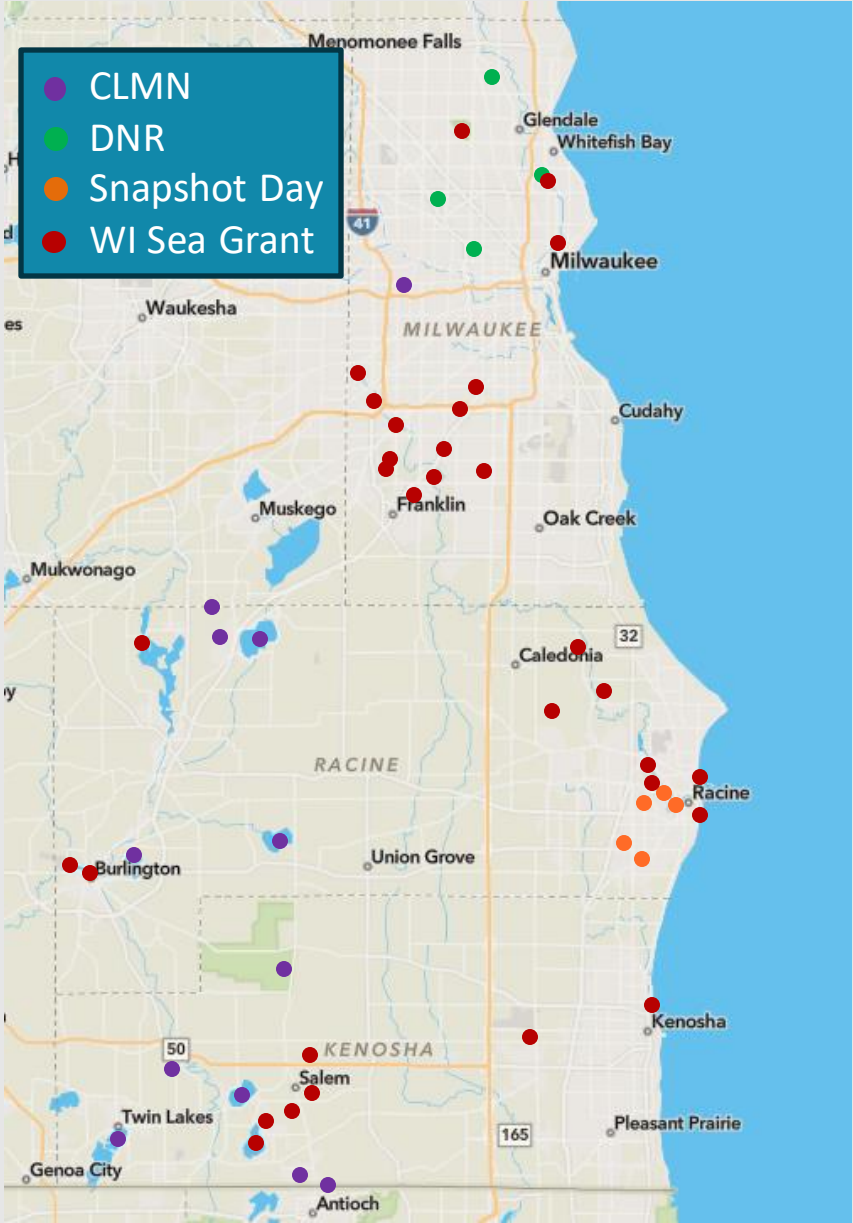
**August 10, 2024 - Kenosha**



*"The whole day was a very good opportunity to get out into nature and see our local parks in ways I hadn't before."*

# AIS Monitoring Sites

Milwaukee County	Racine County	Kenosha County
Root River	Root River	Airport wetland
Honey Creek	Lake Michigan bluffs	Camp Lake
Zablocki Creek	Waubessee Lake	Center Lake
Estabrook Park Pond	Fox River	Cross Lake
Dineen Park Pond	Reservoir Park Pond	Paddock Lake
Washington Park Pond	Lockwood Park Pond	Hooker Lake
Brown Deer Park Pond	Gorney Park Pond	Falcon Heights Pond
Wimmer Wetlands	Lake Michigan	Pike River
Whitnall Park Pond	Echo Lake	Lake Mary
Boerner Bot. Gdn. Pond 1 & 2	White River	Lilly Lake
Milwaukee River	Husher Creek	Rock Lake
Legend Creek	Pritchard Park Pond	Silver Lake
Mud Lake	Tichigan Lake	Vern Wolf Lake
Root River Parkway Pond	Browns Lake	
Lincoln Creek	Denoon Lake	
New Zoo Pond	Eagle Lake	





# 2023 AIS Monitoring Detections

AIS	Milwaukee County	Racine County	Kenosha County
Eurasian watermilfoil	X	X	
Chinese mystery snail	X		X
Curly-leaf pondweed	X	X	
Hybrid cattail		X	
Japanese knotweed	X	X	
Phragmites	X	X	X
Purple loosestrife	X	X	X
<b>Round Goby</b>			<b>X</b>
<b>Starry stonewort</b>		X	
Zebra mussel		X	



# 2024 AIS Monitoring

CLMN/Water Clarity	Snapshot Day	Project RED	AIS Monitoring
Cross Lake	Anderson Park Pond	Pike River	Benedict Lake
Lake Mary	Charles Nash Pond	Pike Creek	Elizabeth Lake
Lilly Lake	Lincoln Park Pond		Lake Mary
Paddock Lake	Pike River		Powers Lake
Rock Lake	Pike Creek		Tombeau Lake
Silver Lake			Chiwaukee Prairie
Vern Wolf Lake			Lake Michigan



North Branch Nippersink Creek

Pike River-Frontal Lake Michigan

Waukegan River-Frontal Lake Michigan



	Asiatic Clam (Corbicula)	Banded Mystery Snail	Chinese Mystery Snail	Curly-Leaf Pondweed	Eurasian Water-Milfoil	Hybrid EWM	Phragmites (non-native)	Purple Loosestrife	Rusty Crayfish	Starry Stonewort	Zebra Mussel	
Basset Creek				2021								1
Benedict Lake				1967	1995						2004	3
Benet Lake				2008	2008			2021			2017	4
Brighton Creek			2022						x			2
Camp Lake			2022	1967	1994	2014		2015		2021		6
Center Lake				1967	1994			2013			2021	4
Cross Lake				1967	2002							2
Des Plaines River				2022	2022				x			3
Elizabeth Lake		2011	2011	2011	1976			2011			2001	6
George Lake				1977	1977	2013	2014	2014				5
Hooker Lake			2021	1992	1993	2013		2011			2010	6
Lake Andrea	2014			2014	2014		2014				2000	5
Lake Mary		2011	2012	1967	1993	2014		2011			2002	7
Lake Michigan					1978						1991	2
Lake Shangrila-Benet				2004	1995						2017	3
Lilly Lake		2015		2004	1976							3
Montgomery Lake			2021	2004	2002			2021				4
Paddock Lake	2013		2012	1977	1977			2013			2012	6
Palmer Creek							2010					1
Pike Creek				2015					2015			2
Pike River									2018			1
Powers Lake		2012	2012	1967	1994	2014		2021			2003	7
Rock Lake					1998			2021				2
Silver Lake				1976	1994	2012		2012			1994	5
Tobin Creek				1998	2017							2
Tombeau Lake					1975	2014					2005	3
Vern Wolf Lake				1993	1993							2
Voltz Lake				1963	1998							2
30 lakes	1	4	8	22	23	7	3	12	4	1	13	

## Common AIS

Curly-leaf pondweed



Eurasian Water-milfoil



Purple Loosestrife



Zebra Mussel



Starry Stonewort





# Watercraft Inspections

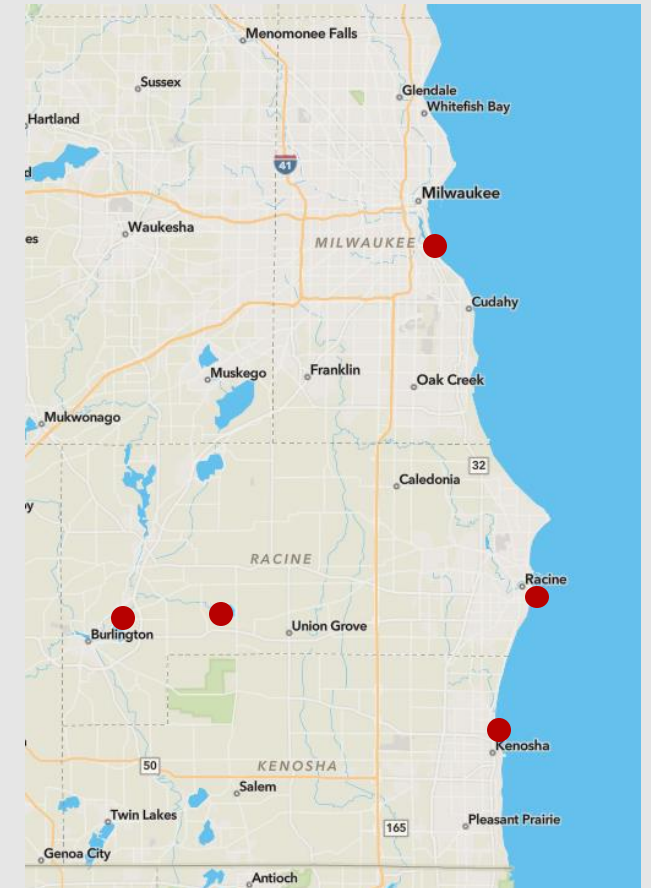
- Inspect watercrafts for AIS
- Communicate AIS laws and issues to boaters
- Inspect, Remove, Drain, Never Move

## People Contacted

	2021	2022	2023
Milwaukee County	83	903	54
Racine County	2,173	1,143	961
<b>Kenosha County</b>	<b>34</b>	<b>54</b>	<b>88</b>
Total	2,290	2,100	1,103

## Boats Inspected

	2021	2022	2023
Milwaukee County	41	552	24
Racine County	1,004	539	461
<b>Kenosha County</b>	<b>17</b>	<b>27</b>	<b>38</b>
Total	1,062	1,118	523





# AIS Signs

- Reinforce Wisconsin's AIS prevention message and law at water access

	Milwaukee County	Racine County	Kenosha County
Inspected	3	12	10
Installed	1	1	4

**PREVENT THE SPREAD OF  
INVASIVE SPECIES  
IT'S THE LAW**

PENALTIES MAY EXCEED \$2000

**Before launching and before leaving YOU MUST:**

- ✓ **INSPECT** boats, trailers, and equipment.
- ✓ **REMOVE** all attached aquatic plants and animals.
- ✓ **DRAIN** all water from boats, vehicles, and equipment.
- ✓ **NEVER MOVE** plants or live fish away from a waterbody.\*

**STOP AQUATIC HITCHHIKERS!**  
Prevent the spread of invasive species, it's the law

\*Limited exceptions apply. Visit [WWW.DNR.WI.GOV](http://WWW.DNR.WI.GOV) and search for "BAIT LAWS."

**STOP AQUATIC HITCHHIKERS!**  
Prevent the spread of invasive species. It's the Law!

**WATER USERS: Do your part to protect WI waters!**

**Before entering and leaving here YOU MUST**

- ✓ **INSPECT** all equipment, including boots & waders
- ✓ **REMOVE** all plants, animals & mud
- ✓ **DRAIN** all water from footwear, equipment and gear
- ✓ **NEVER MOVE** live fish, bugs & snails

**When possible, use rubber-soled footwear and scrub ALL gear clean with a brush.**

Logos: Play Clean Go, Bay Extension, Wisconsin Sea Grant, University of Wisconsin, Lake Michigan Sea Grant

**AQUATIC INVASIVE SPECIES  
AIS REMOVAL STATION**

**BEFORE LEAVING, YOU ARE REQUIRED BY LAW TO:**

- ▶ **INSPECT** boats, trailers and equipment
- ▶ **REMOVE** all attached aquatic plants, animals and mud
- ▶ **DRAIN** all water from boats, vehicles and equipment including livewells
- ▶ **NEVER MOVE** plants or live fish away from a water body\*

\*Limited exceptions apply. Visit [DNR.WI.GOV](http://DNR.WI.GOV) and search for "BAIT LAWS."

**Optional steps include:**

- ▶ Pressure wash areas indicated for at least 90 seconds to help remove invasive species that are hard to see and remove by hand
  - Keep the nozzle at a 90° angle to the boat and at least 12 inches away from the boat to prevent removing decals
- ▶ Treat live wells with a mild bleach or salt solution
  - 1/2 oz bleach/quart of water or 1/2 cup salt/gallon of water
  - Spray the inside of the live well and rinse before next use

**CHECK THESE LOCATIONS FOR INVASIVE SPECIES:**

**TOOLS**

- Use tools to remove vegetation
- Place vegetation in the grass
- Dispose of unwanted bait in the trash at home

**STOP AQUATIC HITCHHIKERS!**  
Prevent the spread of invasive species. It's the Law!


These tools help protect our lakes. Please replace them when finished!

Logos: Wisconsin Sea Grant, Bay Extension, EFG, University of Wisconsin, Lake Michigan Sea Grant

# News Articles





### Non-native grass continues to spread throughout county

SCOTT MCCOMB University of Wisconsin Jun 25, 2023 0



Phragmites can cause harm to human health, the environment and economy because it has no predators, disease or competition.

SUBMITTED



Listen to this article now

Powered by Trinity Audio

00:00

04:20


SCOTT MCCOMB University of Wisconsin

**R**ACINE COUNTY — Non-native phragmites or common reed (phragmites australis) is a tall, perennial grass that can aggressively establish along low, wet areas and displace native plants, alter wildlife habitat, block recreation access and increase fire risk.

UW-EXTENSION

### UW-EXTENSION: Navigating bait laws in Wisconsin: A guide for anglers






Wisconsin's natural beauty and abundance of lakes and streams make it a paradise for anglers. Sep 24, 2023 0



## Extension

### UNIVERSITY OF WISCONSIN-MADISON

### KENOSHA COUNTY



Listen to this article now

Powered by Trinity Audio

00:00

03:00

Wisconsin's natural beauty and abundance of lakes and streams make it a paradise for anglers.

**W**hether you are a seasoned pro or a novice looking to enjoy a relaxing day on the water, understanding the state's bait laws is important to ensuring the protection of aquatic ecosystems while maintaining a thriving fishing community.

**Types of bait allowed**

Anglers in Wisconsin have several options when it comes to selecting bait for their fishing adventures. Artificial baits, like lures and flies, are favorite among anglers. These artificial baits come in various shapes, sizes, and colors to mimic the appearance of natural prey, making them a versatile choice for different fishing situations.

UW-WISCONSIN

### UW-EXTENSION: New aquatic invasive species spreading in Southeastern Wisconsin

SCOTT MCCOMB Mar 27, 2023 0



Starry Stonewort (Nitellopsis obtusa), an invasive alga that can significantly harm aquatic ecosystems, is starting to make its way across lakes and rivers in Southeastern Wisconsin.

SUBMITTED PHOTO

# Presentations, Events & Trainings

- Gateway Technical College, Kenosha
- Silver Lake Management District Annual Meeting
- Harborside Academy on the Wisconsin River
- Southeast Wisconsin Invasive Species Consortium Education Symposium





# Right-of-Way Invasive Plant Training

- Extension Kenosha County
- Racine County Parks Department
- UW-Madison Division of Extension



## INVASIVE PLANT SPECIES WORKSHOP



Case Eagle Park Shelter, 310 South  
Rochester Street, Rochester, WI 53105

**June 22nd , 2023 8.00- 11.00 A.M.**

This free hands-on workshop is open to  
municipal/government field staffs involved in  
invasive plant management and will include:

- An overview of invasive plant management
- How to identify and manage common wetland and terrestrial invasive plants of Southeast Wisconsin
- Optimal mowing times for treating right-of-ways
- Application of plant growth inhibitors to reduce mowing frequency

REGISTER BEFORE **June 19th**  
Scan the QR Code to Register or Visit  
[kenosha.extension.wisc.edu](https://kenosha.extension.wisc.edu)



FOR MORE INFORMATION CONTACT EITHER:  
SCOTT MCCOMB AT [MCCOMB@AQUA.WISC.EDU](mailto:MCCOMB@AQUA.WISC.EDU) OR (608) 890-0977  
VIJAI PANDIAN AT [VIJAIKUMAR.PANDIAN@WISC.EDU](mailto:VIJAIKUMAR.PANDIAN@WISC.EDU) OR (262) 857-1933

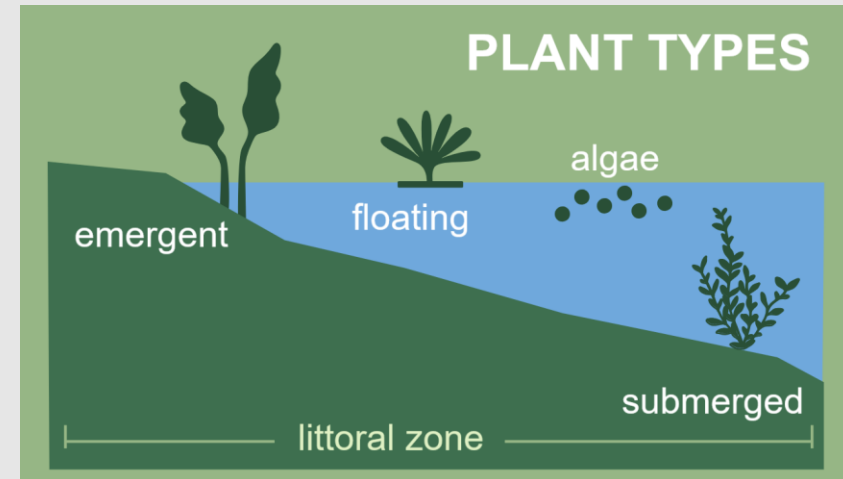
# Cross Lake Aquatic Plant Night

**AQUATIC PLANT NIGHT**  
PRESENTED BY WISCONSIN SEA GRANT

**JULY 20TH**  
Thursday  
6:00 PM  
Cross Lake Beach House

**Learn about native and invasive aquatic plants**  
How to identify common plants  
Understand impacts and benefits  
Interact with live samples

FOR MORE INFORMATION CONTACT:  
Carol - (773) 412-9933  
Scott - mccomb@aqua.wisc.edu



**CURLY-LEAF PONDWEED**

plant type	submerged
ID	wavy, lasagna-like leaves with serrated leaf edges
spread	fragmentation
impact	midsummer die off causes nutrient release and algal blooms

The first photograph shows a single stem of curly-leaf pondweed with its characteristic wavy, serrated leaves. The second photograph shows a dense cluster of curly-leaf pondweed growing in a body of water.



# Purple Loosestrife Biocontrol

- 15 plants dug – Kenosha Airport
- 100 adult beetles collected – **Rock Lake, Lake George, Milwaukee River**
- 10,000 beetles released
  - Kenosha Airport – 4,000 beetles
  - Center Lake – 2,000 beetles
  - Camp Lake – 2,000 beetles
  - Waubeesee Lake – 3,000 beetles
  - Fox River/Tichigan Lake – 4,000 beetles



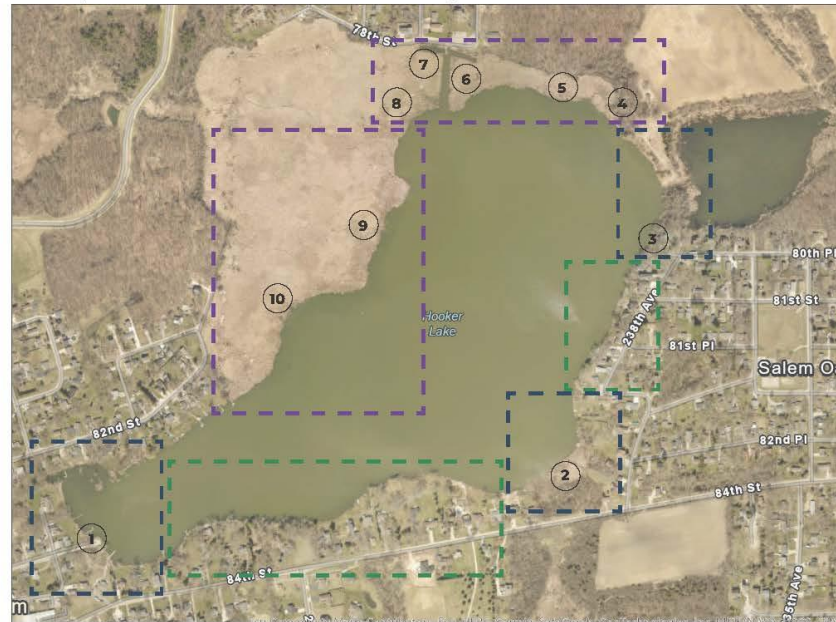


# Purple Loosestrife Biocontrol

- Hooker Lake – plan, dig plants, collect beetles
- Camp & Center Lake – survey

## HOOKER LAKE

Purple Loosestrife Survy, 2022



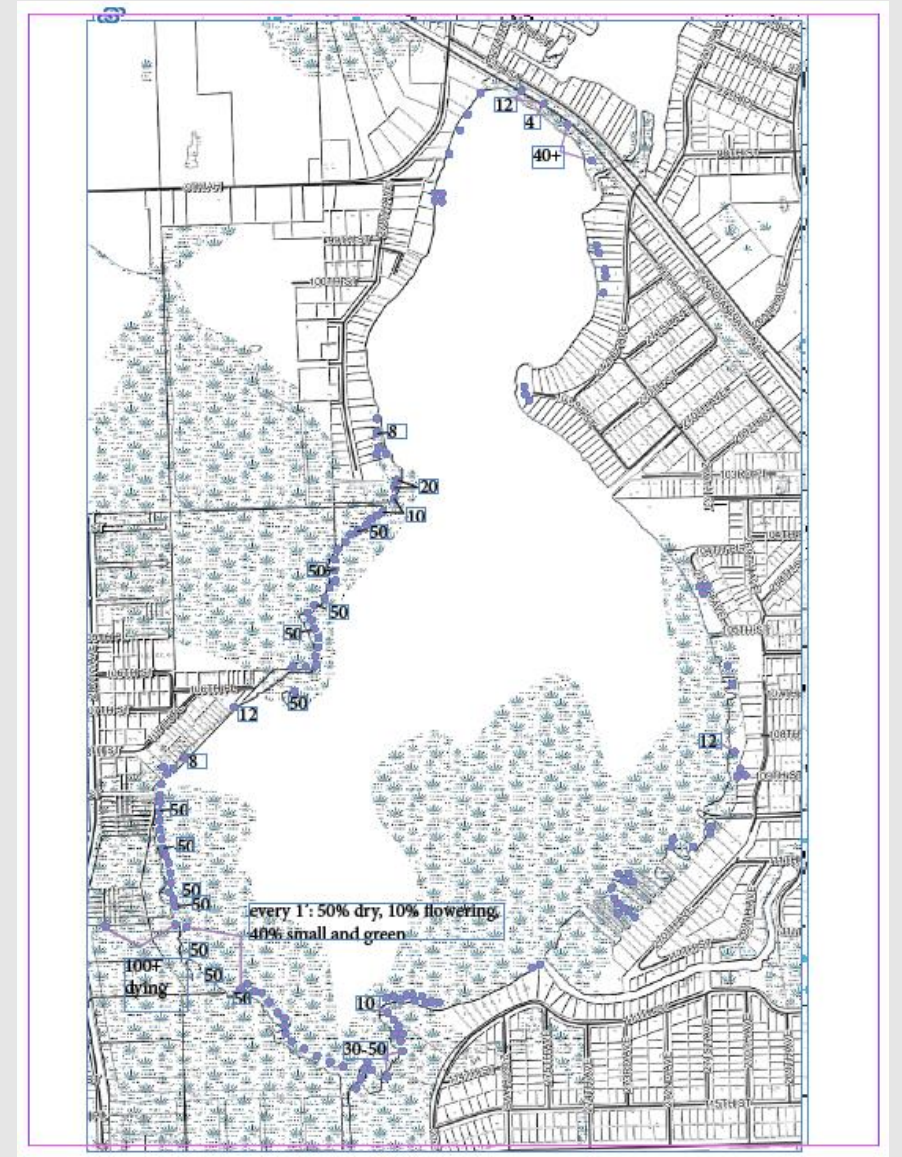
### Coverage, Population and Recommended Control Actions

- Low density, scattered individual plants  
Recommended actions: cutting, digging
- Medium density, small populations  
Recommended actions: beetles, cutting, digging
- Medium density, large populations  
Recommended actions: beetles, cutting, digging

### Recommended Release Sites & Landowners

- 1 J. Mcentegart, Village of Salem Lakes
- 2 C. Franz, M. & A. Aronson Trust
- 3 - 5 C. Bryzek Farms LLC
- 6 - 10 State of Wisconsin DNR

Prepared by the Southeast Wisconsin Lake Monitoring & Protection Network and the Wisconsin Sea Grant Institute



# Phragmites

- Falcon Heights Subdivision
- Phragmites Statewide Management Strategy, 2023

## Site Characteristics



Figure 2. Falcon Heights Subdivision Drainage Pond.

- Assessment area
- Upland
- Wetland/riparian\*
- Drainage pond\*

\*Area changes throughout the year, depending on water levels

### Assessment Area

Approximately a 1.5-acre drainage pond with upland. The perennial pond collects stormwater runoff from the subdivision and 256<sup>th</sup> Avenue. Water levels vary depending on the time of year.

Runoff from adjacent land uses will continue to provide excess nutrients and road salts to the pond (see Figure 3 on next page). This creates favorable conditions for phragmites and other plants to thrive. Salts may damage native plants. Excess nutrients will continue to diminish the ability of the pond to support wildlife, waterfowl and invertebrates.

### Wetland/Riparian

This area varies throughout the year depending on water levels. This area consists of a mix of cattail, bulrush and phragmites (see Figures 6 and 7). Phragmites is only present in the western portion of the wetland area but will continue to spread outward (see Figure 8).



Figure 6. Cattails encircling the riparian area.



Figure 7. Phragmites growing over 8 feet tall in western riparian area.



Figure 8. Extent of phragmites – high density areas (solid), low density areas (dots), potential future spread (arrows).



Figure 3. Runoff from 256<sup>th</sup> Ave will continue to deliver excess nutrients and road salts to the pond. This will contribute to the growth of phragmites. This call also be a pathway for phragmites seeds to enter the pond.

### Upland

The upland area consists of a mix of trees and shrubs, including oaks, cottonwoods, narrow leaf willows and golden rod (see Figure 4). Low density phragmites is growing in this area outward. A shoot of phragmites is working its way in the southwest corner of the site (see Figure 5).



Figure 4 West upland area containing.



Figure 5. Southwest path where phragmites is growing into upland.



## **Scott McComb**

Aquatic Invasive Species Outreach Specialist

608-890-0977

[mccomb@wisc.edu](mailto:mccomb@wisc.edu)