



Photo by Scott Brown

Welcome to the Michigan Waterfront Alliance

Update for Friday, September 15, 2023



Michigan Waterfront Alliance (MWA) is a 501(c) 4 non-profit corporation formed over twenty years ago in order to effectively advocate for the

creation or preservation of state laws, and/or policies designed to protect, preserve, and promote the sustainable and wise use of our state's immense treasure of high quality freshwater resources. Our primary mission will be accomplished by pro-active participation in Michigan's legislative process (lobbying), by participating in court cases whose outcomes may have significant statewide ramifications, and/or by direct involvement with natural resources management, or environment focused state agencies or departments.



Photo by Scott Brown

**Lifelong Teacher and Water Resource Protection
Professional Lois Wolfson, Ph.D. of MSU Fisheries and**

Wildlife, and MSU Institute of Water Research Retires Following a Major Accomplishment Filled Career Dedicated to Protecting Michigan's Extraordinary World Class Freshwater Resources

by MWA Newsletter Editor Scott Brown

The Officers and Directors of Michigan Waterfront Alliance are pleased to publicly recognize that Dr. Lois Wolfson , a Senior Water Quality Specialist within the Michigan State University Department of Fisheries and Wildlife, and Institute of Water Research recently concluded a highly successful, major accomplishment highlighted career that was dedicated entirely to protecting and preserving Michigan's extraordinary world class freshwater resources. Congratulations Dr. Wolfson!!!

Located on the main MSU campus in East Lansing, it is important for our readers to know that "the Institute of Water Research is dedicated to developing science-based technology, research, educational programs, and partnerships to help understand and address critical water issues." Also located on the main East Lansing campus, the MSU College of Agriculture and Natural Resource Department of Fisheries and Wildlife "helps preserve our past and create our future."

In addition to serving as the State Water Quality Coordinator for MSU Extension, Dr. Wolfson's outreach activities over the course of her highly productive career focused on educational programming in lake ecology, watershed management, volunteer monitoring in aquatic systems, and utilizing decision support systems in helping to address the critical freshwater resource associated issues of the day. Dr. Wolfson also taught an upper-level course entitled Field Techniques in Aquatic Systems, and served as the co-principal investigator on several projects funded through the United States Geological Survey (USGS), Great Lakes Protection Fund, and EPA's Great Lakes Restoration Initiative.

Dr. Wolfson was also honored as the most deserving recipient of Michigan State University's Distinguished Academic Staff Award in 2018 for her role as a "champion for water resources in Michigan and beyond for more than 38 years. Throughout her remarkable career, she has advanced understanding of water resource protection and management, and supported connections with colleagues and peers to help them succeed." Dr. Wolfson's Distinguished Academic Staff Award also noted that (she) "has a knack for building and maintaining networks among water resource stewards in Michigan and nationwide while contributing her own expertise and enthusiasm. A dedicated instructor in and out of the classroom, Wolfson teaches the techniques of the trade to fisheries and wildlife students. She has been pivotal in the development and delivery of successful, long-term outreach and extension programs, including the Michigan Lake and Stream Leaders Institute, a leadership training program that develops citizens into effective water resource stewards, and Introduction to Lakes, an on-line course that has earned several prestigious awards for bringing the understanding of lakes and their management to statewide and national audiences..."

It is important to recognize that Dr. Lois Wolfson's knowledge and in-depth experience also played a major role in helping to create and sustain several now very well known state wide inland lake focused collaborative programs including the Michigan Clean Water Corps (MiCorps), a network of volunteer water quality monitoring programs in Michigan; the Michigan Natural Shoreline Partnership (MNSP), a collaborative partnership oriented organization that seeks to protect Michigan lakes through conservation and restoration of natural shorelines; and the Michigan Inland Lakes Partnership (MILP), a collaborative partnership focused organization that is made up of a broad range of organizations and agencies that have a common interest in protecting inland lakes.

Those of us who have had the distinct honor of knowing Dr. Lois Wolfson for any length of time recognize that in addition to her exceptional teaching and organizational skills, the overall extraordinary success of her now over four decades long academic career has been fueled by a passion for imparting to students and co-workers alike the importance of working together in order to help protect Michigan's extraordinary freshwater resources for today and for generations whose time has not yet arrived.

The Officers and Directors of Michigan Waterfront Alliance are therefore pleased to extend to Dr. Lois Wolfson a heart-felt 'thank you' for all you have done over the years to help protect Michigan' extraordinary freshwater resources, and offer a robust good luck on future endeavors, and/or in your retirement!!!

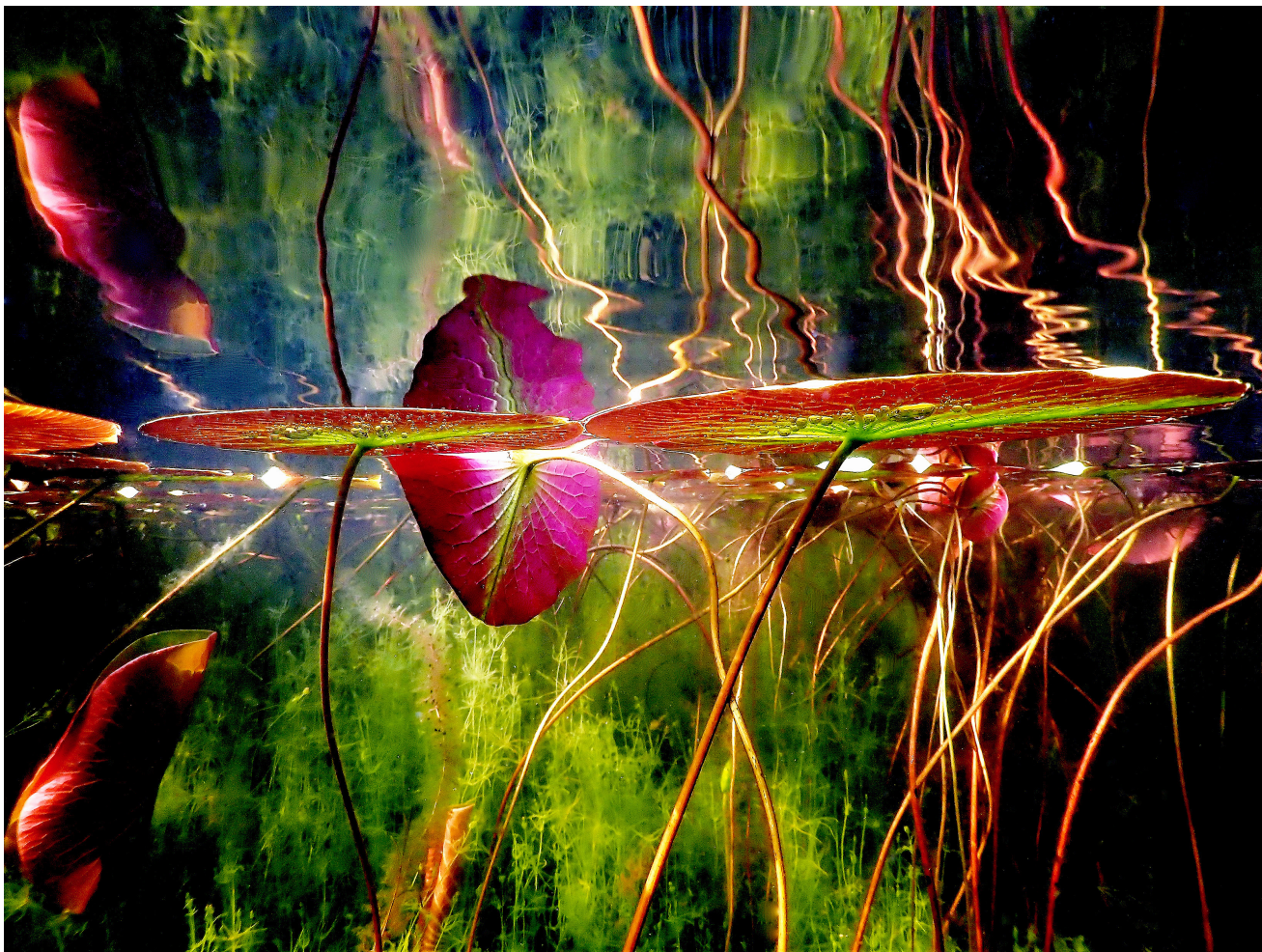


Photo by Scott Brown



Private Residential Water Well Testing



A \$5 million appropriation made by the Michigan Legislature in 2022 PA 166, as amended, establishes free private well testing for Michigan residents who rely upon private wells as their source of drinking water. This testing offers residents an opportunity to receive no cost water sampling for the most common water quality concerns.

Your well was required to be tested when it was first installed, but what about after that? You are the owner of your water system, and it is your responsibility to protect your drinking water quality and the groundwater source.

Standard water quality concerns for private wells include coliform bacteria, nitrate, nitrite, fluoride, chloride, sulfate, sodium, hardness, and metals like aluminum, antimony, arsenic, boron, cadmium, chromium, copper, lead, iron, manganese, mercury, selenium, uranium, and zinc.

Step 1: Request a test kit!

Due to overwhelming interest and requests for kits, we have received requests for all of the kits provided with the available funding.

Request your sample kit

Due to the great response for test kits, the laboratories are busy processing orders. Your order will be shipped over the coming weeks.

PLEASE NOTE: *Your submission does not guarantee free private well testing. Submissions will be fulfilled in the order received until the \$5 million funding limit for this program has been reached.*

How can I tell if my water supply is a private well?

A general rule to follow is if you get a bill for your water, you are likely on a community water supply. EGLE provides more information about common water supplies on our [website](#). If you determine that your water is supplied by a public water supply, we recommend that you contact your local water supplier. They are required to analyze the water and maintain a standard of quality that is available to all users.

Step 2: View videos on how to collect a sample and fill out the sample form.

[Automated Partial Chemistry Sampling in Drinking Water](#)

[General Water Analysis Form](#)

[Total Coliform Sampling in Drinking Water](#)

Step 3: What do my results mean?

[Be Well Informed](#)

EGLE recommends that you [contact your local health department](#) if you have specific questions about your results and recommendations for any actions you should take in caring for your well and your water source. Another resource that you may use to understand your results is the Be Well Informed online tool.

[Use the Be Well Informed tool](#)

Optional Step: Find information about your well and how to maintain your well.

[Local Health Department Contact Information](#)

[Wellogic - Find My Well Record](#)

[Scanned Water Well Records](#)

[Care for MI Drinking Water](#)

Water Well Viewer

An interactive map displaying locations of the water wells across Michigan.

[Open Water Well Viewer](#)



Register today for Protecting MI Source Webinar Series!

Our drinking water comes from a variety of sources including groundwater, rivers, and lakes. There are thousands of water supplies providing drinking water to the public and hundreds of thousands more private water wells supplying water to millions of people in Michigan and millions more across the Great Lakes Region. Knowing and understanding the quality and quantity of the source is a critical first step in planning and developing sustainable approaches and managing our drinking water resources. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) presents [this webinar series](#) to highlight how agencies, communities, universities, local organizations, and citizens can promote and protect drinking water sources. A question-and-answer period will follow each presentation.

This webinar series is provided through a collaborative partnership with EGLE, the Institute of Water Research at Michigan State University (IWRMSU), and the Michigan Rural Water Association (MRWA). More webinars will be added throughout the year.

Upcoming webinar in the series

October 3, 1:00 - 2:00 PM

[Blooming Waters: Understanding Harmful Algal Blooms and Safe Drinking Water](#)

Harmful algal blooms are a growing concern across the nation, and Michigan is no exception. These blooms can produce toxins that pose significant risks to both human health and aquatic ecosystems. In this webinar, we will delve into the fascinating science behind algal blooms, their causes and detrimental effects, and examples of efforts taken to prevent drinking water exposures.

Key Topics to be Covered:

- **Understanding the Science:** Discover the factors that contribute to the formation of harmful algal blooms and the conditions that foster their growth.
- **Monitoring Michigan's Waterways:** Learn about EGLE's efforts to track and detect harmful algal blooms in various surface water bodies.
- **Safeguarding Drinking Water:** Explore Michigan's efforts to ensure the safety of drinking water systems and protect the health of its residents.

Michigan.gov/EGLEevents

PROGRAM QUESTIONS:

Sara Pearson: PearsonS@Michigan.gov

REGISTRATION QUESTIONS:

Alana Berthold: BertholdA@Michigan.gov

Joel Roseberry: RoseberryJ@Michigan.gov



Contact: [Joe Nohner](#), 517-599-6825, or [Chip Kosloski](#), 517-281-1705

Over \$1.5 million in grant funding available for fisheries habitat conservation, dam removal and more

September 12, 2023

Project preproposals are due Friday, October 20th, 2023

The Michigan Department of Natural Resources is offering more than \$1.5 million in funding for a variety of activities tied to improving state fisheries and aquatic resources, including fish habitat conservation, dam removal and repair, resource assessment studies and public access to recreation opportunities.

Distributed through three themes – aquatic habitat conservation, dam management, and aquatic habitat and recreation in the Au Sable, Manistee and Muskegon river watersheds – [Fisheries Habitat Grant funding](#) is available through an open, competitive process to local, state, federal and tribal governments and nonprofit groups.

“Recreation and local economies throughout Michigan rely on healthy rivers, lakes, and wetlands to support fishing, boating and other enjoyment of our natural resources,” said Joe Nohner, a resource analyst with the DNR Fisheries Division. “These grants help our partners protect and rehabilitate fisheries and aquatic ecosystems in a state that relies heavily on those resources. In cases where we remove, repair or renovate dams, we also can improve public safety for residents and visitors.”

Examples of proposed projects addressing the causes of habitat decline include efforts to:

- Improve the management of riparian land (land situated near or on the water).
- Restore natural lake levels.
- Improve or create passage for aquatic organisms by removing culverts, dams and other barriers.
- Improve water quality.
- Implement watershed-based approaches to improving both the quality and quantity of water.
- Develop projects that demonstrate habitat conservation.
- Restore stream function.
- Add structural habitats, like woody habitat or aquatic vegetation.
- Conduct assessments that will guide conservation projects.
- Complete other projects that meet program goals.

Grant and application guidelines

Grant applicants may apply for and receive funding from all three themes with one application, if eligible for each. Expected funding is derived from three sources:

- \$989,000 from the state’s Game and Fish Protection Fund, supporting the aquatic habitat conservation theme.
- \$350,000 from the state’s General Fund, supporting the dam management theme.
- At least \$225,000 from a hydropower license and settlement agreement between Consumers Energy and several entities including the DNR, supporting aquatic habitat and recreation in the Au Sable, Manistee and Muskegon river watersheds.

Applicants have the option of requesting funding from the current funding cycle or a conditional commitment from a future year’s funding. Conditional commitments to very competitive projects allow recipients to leverage DNR contributions toward partner applications for additional funding sources on larger projects or secure a Fisheries Habitat Grant funding commitment based on other conditions. The available funding in this announcement does not include \$150,000 in existing conditional commitments the DNR has made to partners from this year’s grant funding.

Grant amounts start at a minimum of \$25,000 and have the potential to be as large as the total amount of funding available in all theme areas for which a project is eligible. If necessary, smaller projects within the same region addressing similar issues can be bundled into a single grant proposal package to reach the minimum grant amount.

Priority projects

The DNR identifies specific priority projects through its [Fisheries Priority Habitat Conservation Projects list](#) that may receive preference during proposal review. Applications for projects on this list will still need to be competitive in other aspects, such as cost, appropriate methods and design, and applicant expertise, so grant awards are not expected to exclusively fund projects on this list.

In previous grant cycles, about 40% of all funded projects were Fisheries Priority Habitat Conservation Projects. All applicants must first discuss their projects with their [local DNR fisheries biologist](#), then complete and submit a short preproposal for DNR review. Preproposals must be:

- Submitted using an online form available at the [Fisheries Habitat Grant website](#).
- Submitted no later than Oct. 20; applicants can reach out to [Joe Nohner](#) (517-599-6825) or [Chip Kosloski](#) (517-281-1705) with questions about the grant or preproposal submission.

Applicants will be notified of the outcome of their preproposal by Nov. 29 and, if selected, will be invited to submit a full application. An invitation to submit a full application does not guarantee project funding.

Final funding announcements are expected to be made by May 2024. The detailed program handbook, including timeline, preproposal guidelines and forms, is available at [Michigan.gov/DNRGrants](#).



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Training and Outreach

WEBINAR

2023 Septic Smart Week:

Know Your Septic System!

Monday, September 18

9:00 - 10:00 AM

Michigan’s residents rely on over 1.3 million septic systems to treat the wastewater generated in their homes. Proper septic system use and routine care are vital to

protecting public health and preserving our highly valued groundwater, lakes, streams, and waterways. Learning about septic systems can help you avoid costly repairs.

The Department of Environment, Great Lakes, and Energy's (EGLE) Onsite Wastewater Program is kicking off [Septic Smart Week](#) with this 1-hour webinar, which will be recorded. While this event is targeted to homeowners served by a septic system, all interested persons are welcomed to attend. Webinar attendees will learn about:

- the basics of septic systems,
- tools on how to locate a septic system, and
- use, operation, and maintenance tips.

You'll leave this webinar with access to educational materials and a boost in your ability to manage your septic system. Mark your calendar and register today!

The SepticSmart program is a nation-wide initiative to share information on the proper care and maintenance of septic systems and encourage public stewardship in caring for these systems. For more information, visit epa.gov/septic.



Michigan.gov/EGLEevents

PROGRAM QUESTIONS:

Marisa Faraldo: FaraldoM@Michigan.gov

REGISTRATION QUESTIONS:

Alana Berthold: BertholdA@Michigan.gov

Joel Roseberry: RoseberryJ@Michigan.gov

Individuals needing language assistance or accommodations for effective participation at this event should contact Joel Roseberry at 517-599-9494 by September 5 to request language, mobility, visual, hearing, translation, and/or other assistance.

EGLE does not discriminate on the basis of race, sex, religion, age, national origin, color, marital status, disability, political beliefs, height, weight, genetic information, or sexual orientation in the administration of any of its programs or activities, and prohibits intimidation and retaliation, as required by applicable laws and regulations.



Photos by Scott Brown



NALMS 2023 Registrations are Open!

The North American Lake Management Society (NALMS) and [Pennsylvania Lake Management Society \(PALMS\)](#) invites you to attend our 43rd International Symposium, to be held October 22–26, 2023 in Erie, Pennsylvania. We are excited to share that both attendee and exhibitor registrations are now open, as well as registrations for workshops and field trips!

At a time when climate change, invasive species risks, and cultural pressures threaten the natural environment and biodiversity of our fragile ecosystem, the opportunity to highlight and mesh the State of Pennsylvania and its rich diversity of aquatic habitats is long overdue.

NALMS' Symposium typically attracts an international collection of 500–600 lake management professionals, academia, and citizen attendees. The Symposium promotes the exchange of lake and reservoir management science, produces material for NALMS' high-quality publications, provides a rare opportunity for networking, as well as an opportunity to recognize excellence in the field of lake and reservoir management.

[Register as an Attendee](#)

[Register as an Exhibitor](#)

[Become as Conference Sponsor](#)



FOR IMMEDIATE RELEASE

September 8, 2023

EGLE Media Office, EGLE-Assist@Michigan.gov, 517-284-9278

EGLE announces \$45 million in MI Clean Water grants to help Michigan communities upgrade water infrastructure, protect health and the environment

Wastewater system upgrades in Upper Peninsula communities, lead service line replacements in Melvindale and improvements to Mt. Pleasant’s wastewater plant are among \$45 million in Michigan Department of Environment, Great Lakes, and Energy (EGLE) grants recently awarded to Michigan communities.

The [MI Clean Water Plan](#) grants, through EGLE’s Drinking Water State Revolving Fund (DWSRF), Clean Water State Revolving Fund (CWSRF), and Substantial Public Health Risk Project Program (SPHRP) aim to help communities upgrade aging infrastructure to ensure healthy drinking water and protect Michigan’s environment.

Seventy percent of Michiganders are served by more than 1,000 community wastewater systems and a similar percentage get drinking water from community water systems. Those systems often struggle to find resources to address legacy issues like aging drinking water and stormwater facilities and emerging challenges like new standards for Per- and Polyfluoroalkyl Substances (PFAS) “forever chemicals.”

Governor Gretchen Whitmer, the Michigan Legislature, and federal agencies have ramped up funding for aging water infrastructure – a critical move to help ensure those water systems continue to protect public health and the environment, including Michigan’s unmatched freshwater resources.

More than half of EGLE’s budget has traditionally passed through to Michigan cities, towns, villages, and other local government agencies to finance critical improvements that help them better protect residents and our natural resources.

Grant roundup

Recent grants through the DWSRF:

- City of Melvindale for \$4,377,800. The project includes replacement of approximately 9,400 linear feet of water main and 56 lead service lines and the installation of 2,500 linear feet of water main for looping along Dix Road, Dora Street, Greenfield Road, and Wall Street.
- City of Sandusky for \$2,548,783. The project consists of replacing the 1.25 miles of water main located under M-46 and will include the replacement of associated hydrants, gate valves and boxes, ductile iron tees, and the removal and replacement of City of Sandusky-owned copper water services on the public side of the water main. The work also includes an estimated 18 full lead service line replacements along the water main replacement route.

Recent grants through the CWSRF:

- City of Owosso for \$1,412,500. Phase 1 of the wastewater treatment plant improvements project includes equalization basin installation, intermediate clarifier updates, replacement of existing pressure filters with disc filters, and elimination of the chlorine disinfection system and installation of an ultraviolet disinfection system.
- City of Mount Pleasant for \$9,000,000. The project is phase 2 at the City of Mount Pleasant Water Resource Recovery Facility. Improvements associated with this phase of work include demolition of the existing primary clarification drives and

sludge collector mechanisms, repairs and recoating of the primary clarifier structures which will be used as water level correction tanks, removing the rotating biological contractors and replacing them with an Aerobic Granular Sludge system, decommissioning the oxidation towers, replacing secondary influent pumps, and expansion of the secondary influent pump station to house new aeration blowers, piping and controls.

- Village of Newberry for \$512,500. The project consists of rehabilitation of sanitary sewer pipe (approximately 10,000 linear feet) using cured-in-place-pipe lining and removal of intruding taps throughout the Village of Newberry. The project also includes acquisition of a 40-acre property for biosolids land application.
- Gogebic-Iron Wastewater Authority for \$20,000,000. The Gogebic-Iron Wastewater Authority wastewater treatment plant (WWTP) project includes improvements to the headworks and electrical systems, primary treatment components, oxidation ditch processes, final treatment mechanisms, chemical building components, sludge handling processes, and equipment associated with digester processes. The WWTP will also be upgrading to a class A biosystems treatment process.
- West Iron County Sewer Authority for \$3,162,500. This project includes upgrades to an ultraviolet disinfection system, replacement of influent pumping equipment with dry pit submersible pumps and variable frequency drives, replacement of all rotating biological contractor equipment, and upgrades to the supervisory control and data acquisition system at the West Iron County Sewer Authority Wastewater Treatment Plant.

Recent grants through SPHRP:

- Section 32 Sewer Authority for \$2,000,000. The Section 32 Sewer Authority owns and operates a wastewater collection system and an aerated lagoon treatment system in Wakefield Township. The lagoons are aging and impacting Jackson Creek. Several homes in the area are on individual failing septic systems and requesting to connect to the Section 32 collection system, however the lagoons would require major modifications to accept this wastewater. This project involves redirecting wastewater flows from the failing lagoon system to the base of the Black River Basin Ski Hill which will be conveyed to the Bessemer Area Sewer Authority (BASA) Wastewater Treatment Plant (WWTP). Additionally, the failing Section 32 lagoon system will be properly abandoned. The Section 32 project is in conjunction with the BASA project to extend the force main of BASA WWTP to the base of the Black River Basin Ski Hill. Wastewater flows from both communities will be directed to BASA WWTP for full treatment.
- Bessemer Area Sewer Authority for \$2,000,000. The Black River Basin Ski Hill in Bessemer Township includes resort buildings on septic systems and seven condominium buildings sharing a communal septic system. The septic systems and drain fields are failing and impacting Jackson Creek. The condominiums are currently pumping and hauling to offsite treatment. This project involves extending the force main of Bessemer Area Sewer Authority (BASA) Wastewater Treatment Plant (WWTP) to the Black River Basin community and abandoning the current septic systems. This project is in conjunction with the Section 32 Sewer Authority project to redirect flow from their failing lagoon treatment system to the base of the Black River Basin Ski Hill. Wastewater flows from both communities will be directed to BASA WWTP for full treatment.

Descriptions of funding sources

Drinking Water State Revolving Fund: *Low-interest loan program to help public water systems finance the costs of replacement and repair of drinking water infrastructure to protect public health and achieve or maintain compliance with federal Safe Drinking Water Act requirements. The DWSRF provides loans to water systems for eligible infrastructure projects. As water systems repay their loans, the repayments and interest flow back into the DWSRF to support new loans. American Rescue Plan Act (ARPA) funding operates as a grant and may be used in combination with loan dollars to reduce the financial burden on communities to pay for capital improvement debt. ARPA funded grants awarded this fiscal year: \$218,398,719.*

Clean Water State Revolving Fund (CWSRF): *Used by local municipalities to finance construction of water pollution control projects. These projects include wastewater treatment plant upgrades and expansions, combined or sanitary sewer overflow abatement, new sewers designed to reduce existing sources of pollution, and other publicly owned wastewater treatment efforts that improve water quality. The CWSRF can also finance stormwater infrastructure projects to reduce nonpoint sources of water pollution caused by things like agricultural runoff to lakes, streams, and wetlands. As with*

the DWSRF, ARPA funds can be used in conjunction with CWSRF loan dollars, thereby reducing the debt communities pay for infrastructure improvements. ARPA-funded grants awarded this fiscal year: \$137,982,009.

Drinking Water Asset Management Program: Provides grant funding to assist drinking water suppliers with asset management plan development and updates, and/or distribution system materials inventories as defined in Michigan's revised [Lead and Copper Rule](#). Awarded this fiscal year: \$19,695,817.

Consolidation and Contamination Risk Reduction Program: Established to aid drinking water systems to help remove or reduce PFAS or other contaminants. Awarded this fiscal year: \$20,336,215.

Substantial Public Health Risk Project Program: Protects public and environmental health by removing direct and continuous discharges of wastewater from surface or groundwater. Awarded this fiscal year: \$8,000,000.

Additional Background

- Since January 2019 the State has invested over \$4 billion to upgrade drinking water, stormwater, and wastewater facilities across the state, supporting over 57,000 jobs.
- In 2022, Governor Whitmer signed a [package of bills](#) to help communities access funding for water infrastructure.



Photo by Scott Brown

If not **you**, then who?
We need **you!**

Michigan Waterfront Alliance (MWA) is the only all-volunteer non-profit organization in Michigan that is dedicated to reaching out on a daily, pro-active basis to our state representatives and senators in regards to their on-going need to act now to protect our precious inland lakes, wetlands, rivers, and streams.

Please do not expect other lake associations, other individuals, and other corporations to fund MWA's efforts in Lansing.

If **you** want your voice to be heard in Lansing **you** need to be the other lake association, the other individual, and the other **corporation** to make a generous contribution to helping fund our on-going efforts in Lansing.

Please don't count on others to support the only organization in Michigan that is completely dedicated to voicing your legitimate concerns to our state legislators in Lansing.

We hire professional lobbyists - **Karoub Associates** - who understand the intricacies of dealing with state government - to reach out to our legislators. As you might imagine, the cost of hiring a professional, highly respected Lansing-based lobbying firm whose downtown Lansing office's are located within a literal stone's throw of Michigan's state capitol building is expensive - we believe, however, that to have someone in constant contact with our state senators and representatives it is more than worth the significant on-going expense.

To put it in blunt "no ifs, ands, or buts" terms, without **your** generous support we will be unable to continue our erstwhile efforts in Lansing.

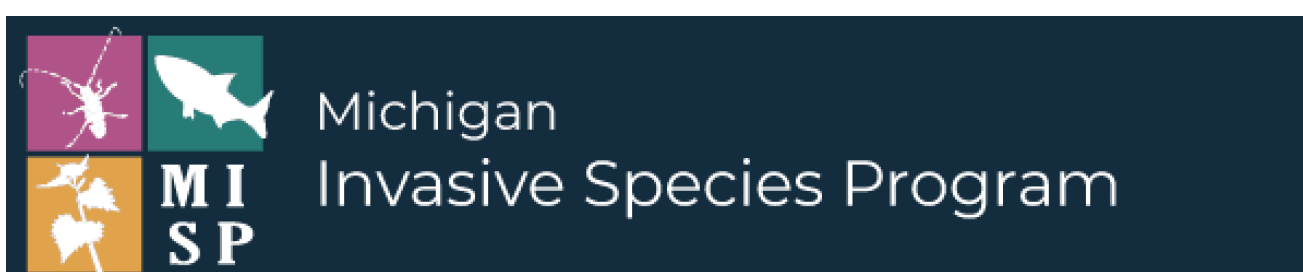
Please also remember that with the exception of a few relatively minor expenses related to keeping our website updated, and on-line, and a few relatively minor costs associated with distributing our e-newsletter, **all** of our membership and donation derived income goes to paying our downtown Lansing-based lobbying firm, and our attorneys. No exorbitant employee salaries or fringe benefit packages to pay!!!!!!!!!!

It is also important to note that last year **Michigan Waterfront Alliance** lawyers took a case all the way to the Michigan Supreme Court in order to get the State of Michigan to do it's job in protecting our lakes, rivers, streams, and wetlands.

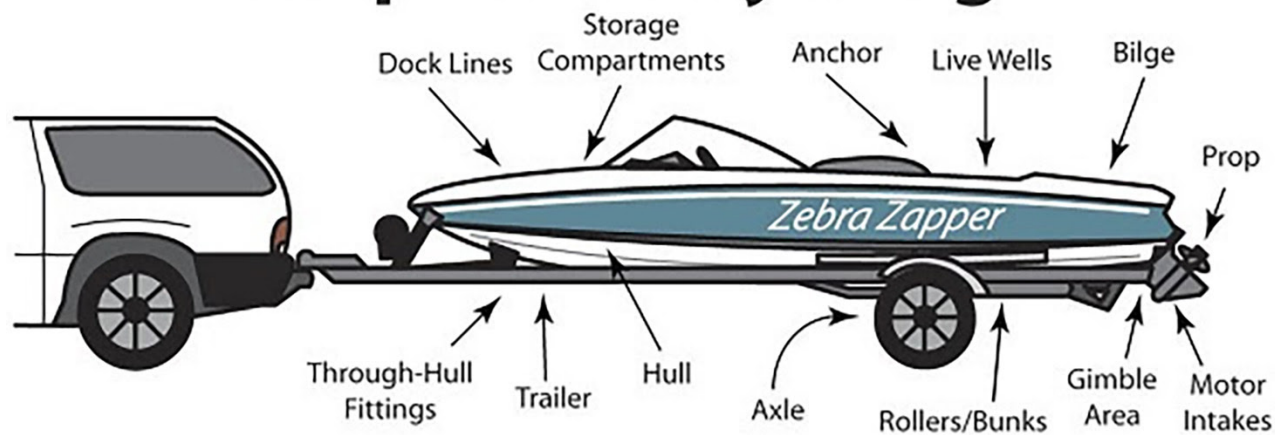
Thank you for reading and considering this hopefully convincing appeal for donations - **no amount is considered too small** - all donations of money are happily received and acknowledged within the context of the generous spirit that prompted them!!!!!!!!!!

Click here to become a dues paying member of MWA

Click here to make a generous donation to MWA



Before leaving and before launching...
inspect everything!



NotMISpecies Webinar Series

Invasive species pose a threat to Michigan’s environment, economy, and sometimes even human health. What is at stake? What is being done? [This webinar series](#) explores how agencies, universities, and locally led organizations are working together to protect Michigan’s natural resources through the Michigan Invasive Species Program. If you are concerned about the impacts of invasive species or interested in the techniques used to control them, join us as we examine species-specific actions, innovations in research and technology, and programs designed to help communities prevent and manage harmful invasive species. A question-and-answer period will follow each presentation. Recorded versions of all previous [NotMISpecies webinars](#) are available at Michigan.gov/EGLE/Outreach under “Featured Webinar Series.”

Tuesday, October 3, 9:00 a.m. to 10:00 a.m.

[Where the Sidewalk Ends: Choosing Resilient Trees for Tomorrow’s Urban Environments](#)

Ash, elm and chestnut trees once were as common in cities as the streets that bear their names. Our canopy today is much less diverse due to insects, disease, invasive species and poor species selection. Lawrence Sobson, DNR urban forester and partnership coordinator, will share examples of ideal tree species, how to assess urban sites and provide the information you need ensure the trees you choose can live for the next 100 years.

Tuesday, November 7, 9:00 a.m. to 10:00 a.m.

[Must You Find Another Shrubbery? Understanding the Impacts of Invasive Box Tree Moth in Michigan](#)

Box tree moth (*Cydalima perspectalis*) was first detected in Michigan in fall 2022. This invasive pest, native to East Asia, poses a major threat to the boxwood plant, an ornamental shrub that is a valuable part of the U.S. (and Michigan) nursery and horticultural industry. Join Susie Iott, MDARD invasive species program specialist, to learn more about identification, impacts and the state’s response to limit the spread of this invasive pest.



Join McNALMS

If you share an interest in protecting and restoring Michigan lakes, we invite you to join the Michigan Chapter, North American Lake Management Society (McNALMS) and add your voice to our growing and active effort. With membership, you receive our informative newsletter; access to our parent organization's newsletter (national NALMS); reduced registration to our biennial Lunch and Learn meeting; eligibility to apply to our Student Grants and other financial assistance programs; information on other grants, courses, fact sheets, and announcements; and becoming a part of a network of individuals and corporations interested in lake conservation.

[Click here](#) to join McNALMS

[Click here](#) to download and read the Spring 2023 McNALMS Newsletter



Events Listing

All times Eastern. "\$" indicates there may be a cost to participate.

September 18, 9:00 AM: Knowing your septic system - Septic Smart 2023. Presented by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) On-site Wastewater Program. Host: Michigan EGLE. [More details](#).

September 21, 9:00 AM: Lake Association Summit: Focus on septic pollution and policy. Host: Tip of the Mitt Watershed Council (Michigan). [More details](#).

October 3, 1:00 PM: Blooming waters: Understanding harmful algal blooms and safe drinking water. Presented by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). [Register](#).



>>> We Need Your Help!!! <<<

**Why You Should Join
Michigan Waterfront Alliance today?**

Do you care about your favorite lake, river, or stream?

Do you care enough to contact your state senator or representative about issues that may affect the quality of your waterbody?

Do you keep track of the bills that are important to your lake, river, or stream that may have been introduced in the Michigan House or Senate?

The good news is that Michigan Waterfront Alliance (MWA) is doing this for you.

And while we're at it - we will remind you that the activities and efforts of the Michigan Waterfront Alliance are conducted entirely by passionate volunteers who donate their own time and personal resources to helping preserve and protect Michigan's extraordinary freshwater lakes, ponds, rivers, stream and wetlands.

Did you know that not a single person who works directly on behalf of our non-profit organization receives compensation of any sort - financial or otherwise?

Did you know that with the exception of paying our attorneys to represent your interests, and the best interests of preserving our freshwater resources in court, that the majority of the relatively modest amount of revenue we generate from memberships is entirely dedicated to paying

our Lansing-based lobbyist to work on your behalf and on behalf of protecting Michigan's water resources in our state capitol??

Did you know that Michigan Waterfront Alliance is a pro-active member of the collaborative lake conservation focused organization known as the Michigan Inland Lakes Partnership???

Did you know that Michigan Waterfront Alliance was a 'platinum' level sponsor of the 2022 Michigan Inland Lakes Convention??

Did you know that Michigan Waterfront Alliance is a founding member of the Michigan Aquatic Invasive Species Task Force, a collaborative effort that is comprised of the Michigan Department of Environment, Great Lakes and Energy (EGLE), the Michigan Department of Natural Resources, and several statewide non-profit organizations that is dedicated to stopping the introduction and spread of exotic aquatic invasive plants and animals??

Did you know that our volunteers often reach out to elected members of the United States House of Representatives, the United States Senate, and to the United States Environmental Protection Agency in regards to resolving federal government level issues that pertain to protecting Michigan's freshwater resources??

Why not become a pro-active part of our efforts to help preserve and protect Michigan's incredible freshwater resources for future generations by becoming a member today??

Please remember that we rely entirely upon membership dues to fund the operating costs of our organization...

TO BECOME A MEMBER OF
MICHIGAN WATERFRONT ALLIANCE VISIT OUR
>>>>> MEMBERSHIP PAGE <<<<<<

Annual Dues are:

\$50 for an individual;

\$100 for a lake association; and

\$200 for a corporation

With support from individuals like you, lake associations, and corporations, we can continue to work together as a unified voice choosing to protect Michigan's water resources for future generations. Thank you for your consideration!!!



ATTENTION READERS!!!

In order to add your friends, neighbors, and/or fellow lake or watershed conservation focused association member e-mails to our growing list of water resource conservation minded people who would like to receive this Michigan freshwater resources focused twice monthly newsletter, contact Editor Scott Brown at scottb1952@gmail.com



Join Michigan Waterfront Alliance!

- Are you tired of funding the management of aquatic invasive species on your lake that were introduced by recreational boaters using the local MI Department of Natural Resources public boating access site?
- Are you just a bit angry that recreational boaters using your lake are not being asked to contribute their fair share to combat the negative influences of aquatic invasive species?
- Are you worried about the fact that your lakefront residential property values are being negatively influenced by the steadily increasing presence of aquatic invasive species?
- Are you concerned about the fact that it is nearly impossible to find an inland lake in Michigan that does not currently host one or more potentially harmful aquatic invasive species?
- Are you aware of the fact that inland lakes are Michigan's most valuable natural resource, and that our state legislature has thus far appropriated almost nothing in the way of budget resources to help ensure they remain healthy and viable?

If your answer is yes to any of these important questions, please help ensure that your voice is heard in Lansing by joining Michigan Waterfront Alliance today.

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