

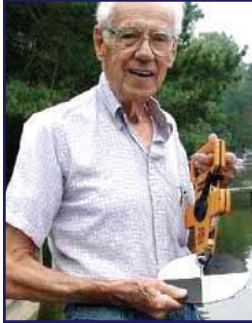


Michigan Lake & Stream Associations

E-Newsletter for October 2011

Michigan's "Highest Seniority" Volunteer Inland Lake Water Quality Monitor Retires

Ralph Vogel of Corey Lake Hangs Up His Secchi Disk After 37 Years



Resourceful, practical, all-around-nice-guy, handy, a team player, generous, persistent and stewardship oriented - these are just a small sample of the superlatives that folks in the know have expressed in describing the Cooperative Lakes Monitoring Program's (CLMP) "highest seniority" volunteer inland lake water quality monitor – the affable Mr. Ralph Vogel of southwest Michigan's Corey Lake.

Following a long and fruitful career dedicated to enthusiastically monitoring the water quality in his favorite lake as well as providing outstanding technical and material support to the Cooperative Lakes Monitoring Program, Ralph will retire at the end of this season to spend more time with his family.

While it is impossible to adequately summarize and honor an active volunteer career which began in the spring of 1974 within the limited confines of a brief newsletter article - for now, we'll just say that Ralph's steadfast dedication to the CLMP program has established a measure of long-term excellence for which we all strive. The entire Michigan Lake and Stream Associations extended statewide family wishes Ralph and his family all the best in retirement. Please look for a more extensive article on Ralph's substantive contributions to the CLMP program in the upcoming winter edition of **The Michigan Riparian Magazine**.

Bio - Based Technology for Control of Invasive Mussels Gains EPA Approval

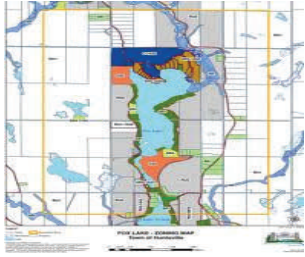
Late 2011 Deployment of **Zequanox** to Focus on Hydroelectric Dams in Western U.S. and Ontario



The United States Environmental Protection Agency has granted long awaited approval to Davis, California based [Marrone Bio Innovations](#) to begin commercial sales of **Zequanox**, a bacteria-based product that has shown promising results in controlling invasive *Dreissena* (zebra and quagga) mussels.

Initial deployment of the environmentally friendly product will begin later this fall on hydroelectric power facilities located in the lower Colorado River basin and in Niagara, Ontario. Officials from Marrone Bio Innovations have recently indicated that open water applications would proceed at a yet to be determined later date. The company is currently exploring methods to effectively apply the product in more technically challenging open water conditions. In order for the product to be effective in killing quagga mussels in large, deep areas of the Great Lakes basins, for example, deep water applications technologies as well as remote monitoring methods will be required.

Since the inadvertent introduction of *Dreissena* mussels in the late 1980's, scientists and fisheries managers have possessed no viable means of controlling and/or effectively managing the rapidly reproducing invasive mussels. Great Lakes ecosystems (as well as their native fisheries) have been severely altered by a population of quagga mussels now known to exceed **950 trillion**. In addition, several hundred Michigan inland lakes host large populations of zebra mussels which threaten to diminish the recreational and economic value of our glacial gems.



Does Your Local Government Have Zoning or Civil Ordinances in Place to Protect Your Lake?

Please share any information you may have regarding local government lake zoning and / or ordinances - your assistance will help benefit inland lakes throughout the state !

Please respond today to president@eaglelakemichigan.org or call **269-329-8320**

“Lake Friendly” Ordinances: Does your Township/City/Village have Zoning or Civil Ordinances in place that protect your lake? Do the ordinances address lake management or riparian issues such as:

- **Building Set Back Requirements from the High Water Mark**
- **Natural Buffer Strip Requirements to Encourage Natural Shorelines**
- **Minimum Lot Line Width at Water’s edge of at least 100 feet**
- **Number of Boats permitted per lot**
- **Length/Number of Docks per Riparian Lot**
- **Requirements to Encourage Native Vegetation**
- **Anti-Funneling/Anti-Keyhole Provisions**
- **Wetland Preservation Requirements**
- **Square Footage, or (%) Percent of Lot Size, Limitations for Impervious Surfaces**
- **Roof Downspout and Impervious Surface Drainage Control**
- **Concrete/Metal Seawall Construction/Repair Restrictions**

A full-field study is now underway in Michigan of existing “Lake Friendly” ordinance provisions. Your input is vital to success. Your message can be as simple as providing the township name and reporting: “We Have Some or one!” The project worker will do the rest. Your sharing of information is part of a **MSU Master Citizen Planner** project that will be presented to the DEQ led **Michigan Natural Shoreline Partnership** and the **Michigan Lake and Stream Associations (ML&SA)**. Any and all feedback is welcome. Results of this crucial study will be shared with all Michigan riparians in the future. The desired outcome is an up-to-date resource to help protect every lake in every Township / City / Village.

Muskegon River Watershed Assembly Education Committee

presents a

Natural Shorescaping: A Workshop for Homeowners and Landscapers

November 5th, 2011

8:45 AM to 4:15 PM

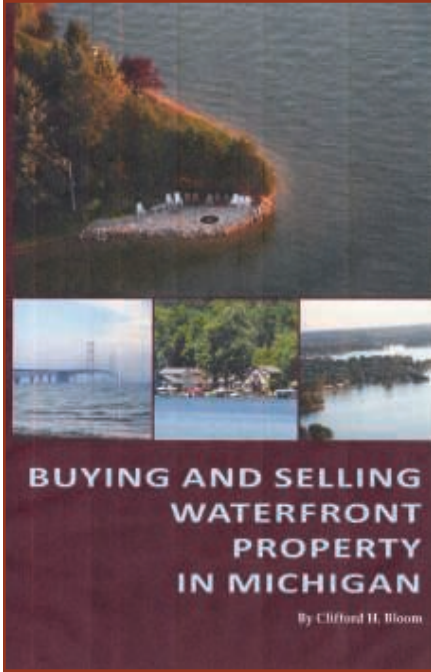
Newaygo County Regional Educational Services Agency

4747 W. 48th St.

Fremont, MI

[Click here](#) to download an event brochure and registration form.

“Isn’t buying and selling waterfront property in Michigan virtually the same as purchasing or selling any other real estate? Absolutely not! There are many issues associated with waterfront properties in Michigan that are not present with other real estate. **Anyone who does not appreciate (and plan for) those differences regarding a purchase or sales transaction involving a waterfront property does so at their own significant risk.” - Clifford H. Bloom, Attorney-at-Law**



The Michigan Lake & Stream Associations, Inc. (“ML&SA”) is pleased to announce its new book entitled ***Buying and Selling Waterfront Property in Michigan*** by renowned riparian and water law expert, Grand Rapids Attorney Clifford H. Bloom.

This new book is a “must” for anyone who is interested in waterfront property in Michigan. The list of people who should purchase the book includes not only riparians (and would be riparians) but also realtors and real estate agents, attorneys, government officials, surveyors and teachers. This book is a “how to” publication that deals with numerous real estate and waterfront issues. The book is 264 pages in length - this is an extensive review of the knowledge you need to prepare yourself before proceeding with a waterfront real estate transaction !

The purchase price is \$20.00 plus shipping and handling. However, quantity based discounts are available. The following is an order form that you can use to purchase one or more copies of the new book. If you are interested in obtaining pricing for group or bulk purchase discounts, please send either an email to the Central Office manager Sharon Wagner via e-mail at swagner@mlswa.org or call (989) 831-5100.

To order ***Buying and Selling Waterfront Property in Michigan***, please complete and mail the order form seen below.

Buying and Selling Waterfront Property in Michigan

Book Order Form

Send your check made payable to **Michigan Lake & Stream Associations** with this order form to:

**Michigan Lake & Stream Associations
306 East Main Street
Stanton, Michigan 48888**

Name (please print): _____

Address: _____
Street or P.O. Box Number

City _____ State _____ Zip Code _____

Email address: _____

Telephone number: _____

Please select:

___ : 1 book @ **\$20.00** ea. plus \$6.00 S/H = \$26.00

___ : 2-3 books @ **\$20.00** ea. plus \$12.00 S/H (2 Books = \$52.00; 3 books = \$72.00)

___ : 4-9 books @ **\$17.50** ea. plus \$15.00 S/H (Ex.: 8 books. x \$17.50 = \$140.00 + \$15.00 S/H = \$155.00)

Join the ML&SA Team ! Your Individual Membership Helps Pay for Our Programs and Makes You Part of a Unified Voice for the Preservation and Protection of Michigan's Inland Water Resources !



Michigan Lake and Stream Associations. Inc.

306 East Main Street, Stanton, Michigan 48888
Phone 989-831-5100 e-mail: info@mlswa.org
www.mlswa.org www.micorps.net



2011 INDIVIDUAL MEMBERSHIP APPLICATION / RENEWAL FORM

Annual Membership dues are \$35.00 and includes a one year subscription to The Michigan Riparian magazine

PLEASE PRINT

Name _____

Address _____

City _____ State _____ Zip _____

Date _____ Phone (____) _____ Email _____

New Member Renewal

Check or Money Order # _____ Amount \$ _____

MasterCard Visa Discover American Express Amount \$ _____

Credit Card # _____ / _____ / _____ Exp. Date _____

Signature as it appears on credit card _____

Make Checks Payable To: ML&SA
Mail To : MICHIGAN LAKES AND STREAM ASSOCIATIONS
306 East Main St.
Stanton , MI 48888

Michigan Lake and Stream Associations, Inc. is a qualified 501(c)3, non-profit organization. Please consider making an additional donation which will be deductible on your itemized federal and state income tax returns.

For ML&SA Office Use Only

2011 Membership Receipt for: _____

Assn. No. _____ Date Rec'd. _____ Check No. _____ Amount \$ _____

Michigan Lake and Stream Associations
50 Years of Working with You as a Partner to Protect our Water Resources for Future Generations

SUMMER
2011



THE MICHIGAN RIPARIAN

Vol. 46 No. 3

www.mi-riparian.org

RIPARIAN (ri-'pair-ee-en) adj. Relating to or living or located on the bank of a natural watercourse, such as a river, or of a lake or a tidewater.

DEVOTED TO THE MANAGEMENT AND WISE USE OF MICHIGAN'S LAKES AND STREAMS Published Quarterly



Muskegon River is approximately 220 miles in length. It is the second longest river in Michigan. The Muskegon River Watershed is over 2,700 square miles, larger than the state of Delaware (1,955 sq. mi.). Its mainstream passes through the counties of Roscommon, Missaukee, Clare, Osceola, Mecosta, Newago and Muskegon with an estimated population of 450,000 people.

“For over forty five years, **The Michigan Riparian Magazine** has served as our state’s only quarterly publication dedicated to the unique issues and interests of those fortunate enough to reside on waterfront properties. The magazine’s historical archive portrays a rich chronicle detailing the life and times of the people, politics, science and issues that have defined Michigan’s storied waterfronts for nearly half a century.”

To subscribe to this unique and affordable publication dedicated to Michigan’s freshwater resources, visit

www.mi-riparian.org



MICHIGAN NATURAL SHORELINE PARTNERSHIP

Promoting Natural Shoreline Landscaping to Protect Michigan's Inland Lakes

PARTNERSHIP OBJECTIVES

- Train contractors and landscape professionals about natural shoreline technologies and bioengineered erosion control.
- Educate property owners about natural shorelines and technologies that benefit lake ecosystems.
- Research, demonstrate, and develop natural shoreline technologies that benefit lake ecosystems.
- Encourage local and state policies that promote natural shoreline management.

MEMBERS

- JFNew, Inc.
- Mich. Assn. of Conservation Districts
- Mich. Chapter of the North American Lake Management Society
- Mich. Dept. of Natural Resources and Environment
- Fishbeck, Thompson, Carr & Huber
- Mich. Lake and Stream Assn.
- Mich. Native Plant Producers Assn.
- Mich. Nursery and Landscape Assn.
- Mich. Sea Grant College Program
- Mich. State University Dept. of Horticulture
- Mich. State University Institute of Ag Tech
- Mich. State University Extension
- Tip of the Mitt Watershed Council
- Trident Dock and Dredge



Natural shoreline landscaping is the use of ecological principles and practices to reduce erosion and achieve the stabilization and safety of shorelines, while enhancing habitat, improving aesthetics, and saving money.





MICHIGAN WATERFRONT ALLIANCE

P.O. Box 369
Fenton, Michigan 48430-0369



WE LOBBY TO PROTECT MICHIGAN'S LAKE AND STREAMS. THAT'S WHAT WE DO.

We are asking you to join or renew your membership to Michigan Waterfront Alliance (MWA). By doing so, you can help in a statewide effort to protect Michigan's lakes and streams. MWA lobbies state government on a wide variety of issues that affect our water resources, such as road-end access, funding for the state's permitting system, marina regulations, septic upgrade regulations, phosphorus fertilizers, and much more.

You know how it works. When the legislature is pushed to weaken water resource protection measures, they will do just that—unless we speak out to protect our lakes and streams. It is difficult for one person or one lake association to carry the burden of protecting 11,000 lakes. And though we'd like to think that right will always prevail, one lone voice is not enough to get the attention of the leaders in state government. That is why we must join together to make our collective voice heard in Lansing. These efforts were utilized in getting legislation passed, this year, to restrict use of phosphorus fertilizer on turf.

To get our message out, we retain professional lobbyists who are skilled and experienced in issue advocacy. While this expertise is very effective, it is also costly. As such, we ask you to join or renew your individual membership for \$50, Lake Association membership for \$100 or your Corporation membership for \$200 per year.

Please note the line "MWA Legal Assistance Fund" on the enclosed return envelope and form. After costly filing on two (2) Amicus Briefs (Appellate court and Supreme Court) and direct mail fundraising campaigns (to Lake Charlevoix residents), MWA incurred a total cost of over \$3000 on just this one case regarding the loss of riparian rights by court action. The MWA Board of Directors voted, last December, to create a MWA Legal Assistance Fund to provide the funds to support significant legal cases relevant to the mission of MWA. Funds will be disbursed in a manner consistent with MWA bylaws.

We need to build this Legal Assistance Fund as soon as possible. **Please be as generous as you can.**

Your past understanding and support has been appreciated and necessary in order to continue a professional campaign for water resource protection.

Please send back the application below plus give a copy to a like minded neighbor or friend.

Sincerely,
MWA Board of Directors

Michigan Waterfront Alliance Membership Application

(Jan '11-ML)

Annual Dues: Individual Membership - **\$50.00** Lake Associations - **\$100.00** Corporations - **\$200.00**

Please print:

Name _____ Date _____

Street _____

City _____ State _____ Zip _____

County _____ Phone _____

E-mail _____

Township _____ Lake / Stream Association _____

Make checks payable to: **Michigan Waterfront Alliance**

Send dues and contributions to:

Michigan Waterfront Alliance

PO Box 369

Fenton, MI 48430

www.mwai.org

Individual Member (\$50):	_____
Lake Association (\$100):	_____
Corporation (\$200):	_____
Legal Assistance Fund:	_____
Other donation:	_____



Michigan's Lakes - Ours To Protect !



Cooperative Lakes Monitoring Program

Enrollment for the 2012 Season
Began on October 1st, 2011

Contact Jean Roth, ML&SA Program Administrator
at 989-257-3715 or e-mail jroth@mlswa.org
or Enroll On-Line at

www.micorps.net

The most comprehensive publication
ever written about lake associations !

Now Available from our Central Office

An ML&SA Publication

Contact Sharon at 989.831.5100
or e-mail swagner@mlswa.org



Michigan Lake Associations—
The Nuts and Bolts

By Clifford H. Illoom



Order Your Copy Today !

Michigan Inland Lakes Partnership

"Promoting collaboration to advance
stewardship of Michigan's inland lakes."



To learn more about the Partnership, visit

www.michiganlakes.msue.msu.edu

Michigan Chapter, North American Lake Management Society

"The Michigan Chapter of the North American Lake Management Society (McNALMS) is a group of professionals, practitioners, and interested citizens, who care about the preservation and wise management of Michigan lakes." For more info visit -

www.mcnalms.org
for more information

Recommended Web Site of the Month

The recommended web site for the month of October is the Cornell University Department of Natural Resources' **Ecology and Management of Invasive Plants** program home page. Dedicated to "conducting research to assess the ecological impacts of introduced plant species", the program's on-line resource provides virtual visitors with useful information and great photographs for the vast majority of the invasive plants which have migrated across much of North America in the past fifty years. For this interested in learning more about the invasive plants that have impacted the woodlands, wetlands and prairies of Michigan, this web site is worth a look. Point your browser toward

www.invasiveplants.net