

The Green Lake and Duck Lake Association

Newsletter

Winter 2019, Volume 60



The objectives of the Association are:

1. To monitor the Green Lake and Duck Lake ecosystems and take necessary action to maintain or improve the lakes, watershed, and/or the riparian community.
2. To educate the riparian and local community about relevant ecological, recreational and ethical issues, and to endeavor to make our waterfront community a better place to live.

2018 Review and 2019 Goals

MESSAGE FROM OUR PRESIDENT, ED DEWEY:

Thanks to all our members and volunteers for a successful 2018. We enjoy abundant natural beauty on our lakes all year long. Your \$16 yearly membership dues go a long way to maintain and protect that for current and future generations. In the spirit of "Look back to learn, look forward to succeed," I've summarized our accomplishments for 2018, and our goals for 2019.

***New Website:** gldla.org. Now you may pay your dues online and catch up on news and events.

***Facebook.** Find us at Green & Duck Lakes Association.

***Updated Newsletter.** Electronic delivery now available, or download it from the website.

***New Association Bylaws.** Expands the association's ability to act on environmental threats.

***Completed aquatic vegetation and water quality surveys.** See complete results on our website.

***Welcome Packets.** Have a new neighbor? Contact us at: greenducklakes2015@yahoo.com and we'll hand deliver a packet to them that includes information about our lakes and local businesses.

***Attended Work Groups and Training.** Board members worked with other area lake boards and government entities sharing information and experience to help combat challenges of invasive species and swimmer's itch.

***Developed a Eurasian Water Milfoil study.** Early identification and treatment are the keys to combat invasive aquatic plants. Find the complete document on our website, gldla.org.

***Mobile boat wash.** The DNR & MSU helped host this event to educate boaters about preventing the spread of invasive species.

You may also read the newsletter on our website: gldla.org
If you'd like to receive the newsletter via email, please send your request to: greenducklakes2015@yahoo.com



GLDLA

2019 Goals

***Obtain 501c3 non-profit status.** Allows donors to claim donations to the lake association on their federal income taxes.

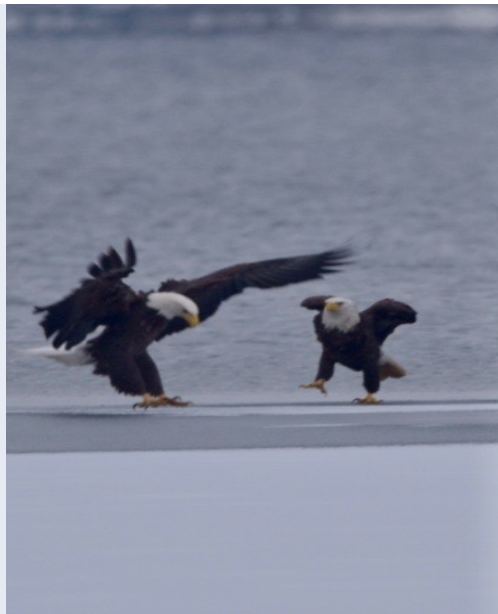
***Participate in Swimmer's Itch Study.** Report swimmer's itch on Michigan Swimmer's Itch Partnership's web page.

***Join Michigan Clean Water Corps.** Standardize our methods of collecting and sharing water quality data with other lakes, and management and protection programs.

***Attend Michigan Lake Stewardship Association 2019 Annual Conference.** Provides education, seminars and workshops to lake associations throughout the US.

***Michigan Natural Shoreline Partnership.** A speaker from this organization will present at the annual GLDLA meeting in August, 2019.

***Attend MSU Inland Lakes Training sessions.** An organization dedicated to protecting inland lakes.



Eagles Ice Fishing
on Green Lake.

Photo taken on
December 9, 2018
by Roger Edgren.

Water Quality Test Results

In August, Marc Alderman tested eleven different sites on Green Lake for E. coli. The selected sites were densely populated or had inlets from other rivers or streams. The most common cause of high E. coli readings are leaking sewage systems, but both wild and domestic animal feces can cause high readings as well. Of the eleven sites, eight of them had readings of less than one, one had a reading of one, and two had readings of two. These are very low levels of E. coli. The Michigan DEQ recommends not swimming in water that has a reading of 300 E. Coli per 100 ml of water or greater.

In July, John Hubbard tested twelve different sites on Duck Lake for E. coli. The sites included the inlets of six creeks, the outlet at the Dam, the canal, and four swimming areas. The results were historically on average with only three creek inlets showing high levels. All three were re-tested and Mason Creek and Brigham Creek remained high, but below 300 E. coli/ml. Past years on Mason Creek has shown deer in orchards away from the lake as the cause. We will continue to monitor and test to make sure all water in the lake is safe.

SHORELINE EROSION PROJECTS

Soil erosion is a big concern among most riparians and the fix can be a complicated process. Whether working with a contractor or doing the work yourself you must be aware of the requirements of the State of Michigan's DEQ, and the Grand Traverse County Department of Environmental Health, DEH.

Both of these agencies may require permits before you begin work, depending on the scope of the project. Help with the State DEQ permitting process is available through the Cadillac DEQ office. Locally, Mr. Daniel Thorell, the Environmental Health Director at Grand Traverse County had this to say:

"Most of us who live or spend time in Northern Michigan value the natural beauty and clear, pristine waters of the area. The Natural Resources and Environmental Protection Act (NREPA) regulates many activities that potentially could

pollute our air, drinking water, and recreational waters. Part 91 of NREPA focuses on Soil Erosion and Sedimentation Control (SESC). Many people are unaware of the potential impacts of erosion and sedimentation. Construction and/or wave action can cause unstable soil to migrate onto neighboring properties and into wetlands, lakes, rivers, or streams. Sedimentation not only causes a mess, but can damage natural ecosystems . . ."

Mr. Thorell encourages anybody that needs help with the permit process to contact his office at: 231-995-6051.

The Grand Traverse Health Department enforces Part 91 through the Grand Traverse County SESC Ordinance. You can see more details in Mr. Thorell's complete letter on our website: gldla.org, under News and Views.



MICHIGAN SENATE BILL 1136 AQUATIC INVASIVE PLANT CONTROL PROGRAM

On December 28, 2018, the Governor signed Bill 1136 that will provide Michigan lake associations and/or inland lake communities the opportunity to apply for and receive state-funded grants that would partially offset the cost of funding local projects to control or eradicate aquatic invasive plant species. Since our lakes are public, they can be used by anyone for fishing, boating, and recreation, yet the financial burden has been on riparians who've exclusively footed the bill for invasive species projects through lake association funds or taxes. This Aquatic Invasive Species bill is a step in the right direction to get State support in helping keep our inland lakes healthy.

Green/Duck Lake Association Officers: Ed Dewey, President; Dave Pennington, Vice President; Barb Bayer, Secretary; Laurel Thompson, Treasurer.

Board Members: Marc Alderman, Barb Bayer, Ted Boeve, Oral Carper, Mike Corning, Ed Dewey, Marietta Hamady, John Hubbard, Kurt Hubschneider, Brian McAllister, Dave Pennington, Claire Stephenson, John Thomas, Dick Thompson, Laurel Thompson.

Emeritus: Arch Carey, Fippy Komrsk

Newsletter Editor: Marietta Hamady

Duck Lake Water Testing Coordinator: John Hubbard

Green Lake Water Testing Coordinator: Marc Alderman

Membership Dues/Invasive Species Fund/Donations

Annual Membership Dues (Minimum: \$16.00)

Circle One: *Green Lake* *Duck Lake*

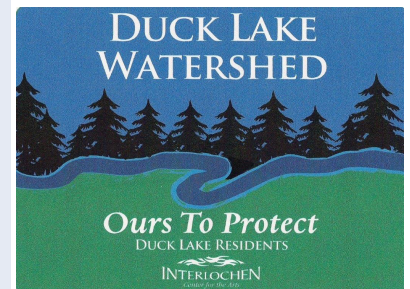
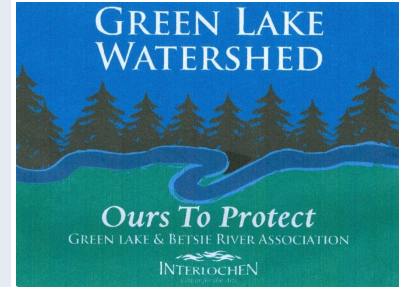
____\$16 ____\$20 ____\$50 ____\$75 ____\$100 ____Other

Invasive Species Fund (For treatment of any new invasive species; funds for each lake are kept separate.)

____\$25 ____\$50 ____\$75 ____\$100 ____\$500 ____Other

Donations in the amount of \$_____

Member Name and Address:



Make checks payable to: The Green Lake & Duck Lake Association, PO Box 23, Interlochen, MI 49643
YOU MAY ALSO PAY OR DONATE ON OUR WEBSITE WITH CREDIT CARD OR PAYPAL: gldla.org

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PO Box 23
Interlochen, MI 49643