

GOLA - Goodrich & O'Brien Lakeshore Association

2018 Newsletter

Board Officers & Members

Co-Chair Goodrich: Mike Rancour
Co-Chair O'Brien: "H" (Harold) Peterson
Secretary: Jamie Borne (O'Brien)
Treasurer: Sue Borne (O'Brien)
O'Brien Board Position: Steve Chuba
O'Brien Board Position: Dan Menden
Goodrich Board Position: Open
Goodrich Board Position: Miles Johnson

Account Balances as of 5/15/18

General Fund: \$7587.33
Emergency Fund: \$1972.19
Walter Israel Fund: \$1829.74

Stocking will be done in the fall of 2018.

2018 Association Meeting Dates

New Locations!!!

Saturday, 5/28/18 at 9:00 am
Saturday, 7/7/18: at 9:00 am
Saturday, 9/1/18: at 9:00 am
May and July meetings will be at the Crosslake
Presbyterian Church Friendship Hall. The
September meeting will be at the Crosslake DNR
Administrative building.

GOLA Website and Twitter

The GOLA website is <http://www.golamn.org>.
This site is the fastest way to get information out to
members. Bring your ideas for content to the
meetings or send an email to golamn@crosslake.net.
There are links on the website to several sites of
interest to lake residents. The DNR, Minnesota
Waters and WAPOA sites have extensive relevant
content.

Please follow GOLA updates on Twitter at
[GOLA@golalakeassn](https://twitter.com/GOLA@golalakeassn)

Garage Sales

Lynette Bourcy is planning to coordinate a Garage
Sale Day for the Goodrich and O'Brien area. Send
her an email if you are interested, or have ideas, or
even want to help. Her email is
Lynettebourcy@yahoo.com

Crosslake Area Videos

Townsquare Development

<https://www.youtube.com/watch?v=7R06Ox-vOEK&sns=em>

New Crosslake Community School video tour.
https://www.youtube.com/watch?v=KHmmSmD-_7U&pbjreload=10

Crosslake in the 50's and early 60's
<https://www.youtube.com/watch?v=9fyzDn-uZ7E>

Crosslake area drone flyover
<https://www.youtube.com/watch?v=EQfBmpWM5UU>

10th Annual WAPOA Shoreline Restoration Award Program

WAPOA encourages lakeshore owners who are
interested in improving our water quality and
shoreline wildlife habitat to participate in the 10th
Annual WAPOA Shoreline Restoration Award
Program. Your lakeshore must be on the Whitefish
Chain of Lakes, or on one of the 39 lakes on which
WAPOA conducts water quality testing. (Goodrich
& O'Brien qualify)

This award program can provide you with expert
advice, together with WAPOA's award, to help you
complete your restoration project. Applicants will
compete for a combined potential award of up to
\$20,000, depending on the merits of projects
submitted. Multiple applicants are
anticipated. Previous winners have won awards of
up to \$3800.

If you are interested in receiving an award or are
curious about improving your shoreland for water
quality and wildlife/pollinator habitat there will be
an informational **Open House on Wednesday, June
6th, at Moonlite Bay Family Restaurant from
5:00 to 7:30 PM.** Representatives from MN DNR,
Crow Wing Soil & Water Conservation District
(CWSWCD), Landscape Designers/Contractors and
WAPOA will be there with handouts and answer
questions relating to water quality and proposed
shoreland restoration projects.

- WAPOA will contribute \$100 to each registered Applicant attending the Open House that will be paid to CWSWCD for their representative (subject to their availability) to meet with the Applicant at their property to evaluate restoration possibilities.
- All interested qualified lake shore owners who attend and register at the open house, and who are not presently a member of WAPOA, will receive a free one year 2018 membership (\$40 value) to WAPOA. Door prizes will also be drawn for Applicants that register at this Open House.

Application Submittal Rules

- Project site plan and details must be submitted to the WAPOA Contact Person (shown below) by email for review on or before **Saturday, July 7th**. Incomplete proposals will be returned to Applicant with an option to add missing information and resubmit prior to scheduled presentation date on **Thursday, July 19th**.
 - All materials are required to be bio-degradable (bio-engineered).
 - All plants shall be native to the area, source identified, and all work shall be completed by October 31st of 2018 or 2019. This gives the Applicant two construction seasons (2018 & 2019) to complete the restoration.
 - One Shoreland Restoration sign shall be placed along the shoreline facing the lake by the Applicant for two years from the start of construction and sign may be kept by the Applicant.
 - WAPOA funding may not be available if another grant is also used for this project.
 - A minimum of 25% cash, or in-kind Applicant volunteer labor (presently valued at \$20 per hour) match of amount awarded value (3 to 1 match), shall be provided by Applicant.
 - Applicant shall be solely responsible for obtaining any required governmental permits relating to their proposed project, including the costs and/or fees associated with such permits.
 - Maintenance of the funded project is the responsibility of the Landowner for a period of ten years. If the project is altered, not maintained, or replaced with sod or other non-native material, then the Applicant/Landowner shall be subject to penalty.

The contest/award program history goes back to 2009. Since then WAPOA has contributed over \$75,000 with some help of limited grants, towards this shoreland restoration program. The program is funded in part, by the Clean Water, Land, and Legacy Amendment, Clean Water Fund.

Contact Brian Olson, WAPOA’s Director of Shoreland Management to arrange submission of an

application and with any questions that you may have at 612-309-1784 or brian@terraincorp.net. Information is also available on the WAPOA website at www.wapoa.org.

Boat Motors and Water Quality

RMB, the lab that process our water samples has some interesting articles on their website. This article is from their website <https://www.rmbel.info/>

As Minnesotans, we love cruising along the lakes in our watercraft. Whether we are heading to our favorite fishing spot, waterskiing, or taking a sunset cruise, not much can top the feeling of taking in the fresh lake air.

Yet as the number of motorized boats and size of motors on Minnesota’s lakes continues to increase, questions arise about the potential effects these boats have on the lake environment. In the last 20 years, there has been a 36% increase in the number of registered boats of all types in Minnesota. Moreover, the number of motorboats between 16 ft and 26 ft in length increased 118%, while the number of motorboats less than 16 feet decreased by 27%. Average horsepower went from 46.1 to 74.5 from 1987-2001 in a DNR survey of west

Effective Mixing Depth

Effective mixing depth is the maximum depth at which the engine stirs up the water and, in turn, the lake bottom sediment. The importance of these findings is that power boating in shallow areas on lakes is likely to stir up bottom sediments, decreasing water clarity and releasing nutrients from the lake bottom, which can feed algae blooms.

Effective Mixing Depth by Engine Size

Horsepower	Mixing Depth
10	6 feet
28	10 feet
50	15 feet
100	18 feet

Source: *Lakeline*, December 1991

central Minnesota. Our boats are becoming larger and faster, which increases the potential to effect water quality.

So how do boats affect water quality? The Wisconsin DNR did a study on the effects of motorized watercraft on aquatic ecosystems. Boats can affect water quality in a few different aspects. First, they can add metals and chemicals to the water column. A certain amount of the fuel that enters into a motor is discharged unburned and ends up in the water. Two stroke motors can emit 25-30% of their unburned gas and oil mixture into the water. In contrast, four-stroke motors emit 97% less air and water pollution than old two-stroke motors. This

pollution can affect the pH and dissolved oxygen in the lake, which can influence the type and abundance of fish and wildlife.

Another main impact by motors is churning up the lake bottom in shallow areas. This action stirs up the lake sediment, re-suspending nutrients (phosphorus) that are at the lake's bottom. When these nutrients reach the surface of the water where the algae are, they can feed algae and cause an algal bloom. This stirring can also decrease the water clarity because of additional particles suspended in the water column. So what can you do to protect your lake? 1) Establish no-wake zones in shallow areas with waterfowl nesting and bulrush stands. "Slow no wake" means operation of a watercraft at the slowest possible speed necessary to maintain steerage, but in no case greater than 5 miles per hour. 2) Educate lake users to avoid sensitive areas and drive slowly through shallow areas. 3) Upgrade your boat motor from an old two-stroke engine to a four-stroke engine. Four-stroke engines use fuel more efficiently, produce cleaner exhaust, and run more quietly than traditional two-stroke engines.

To reduce your impact while boating, there are other easy changes in behavior we can all practice. 1) Keep your boat properly trimmed – an engine in the water makes much less noise and creates less wake; 2) keep your engine well-tuned so that it runs more efficiently, pollutes less and is quieter; 3) be respectful to wildlife and loons, keeping a distance of at least 200 feet away at all times; 4) consider the size of your boat and motor when choosing a lake for recreation – smaller lakes are not appropriate for large boats or engines; 5) remember that swimmers, canoeists, kayakers, sailboats and other non-motorized users always have the right-of-way.

To read more about the Wisconsin DNR boating impact study visit:
http://files.dnr.state.mn.us/waters/watermgmt_section/shoreland/lakes_watercraft.pdf.

How can I help?

Are you a techie? Help updating the GOLA website with new news, and modernizing the format would be appreciated.

Water Quality Testing

Volunteers continue to test the water routinely during the summer. We are looking for a volunteer for Goodrich—please let us know if you are interested.

TESTING DATES:

Monday: May 21st

Monday: June 18th

Monday: July 16th

Monday: August 20th

Monday: September 17th

The information collected is available on the DNR website at:

<http://www.dnr.state.mn.us/lakefind/index.html>

The water testing is coordinated with WAPOA.

They are using RMB Environmental Laboratories for the analysis. RMB is updating their website to include historical testing results. You may find that easier to use than the DNR website. The RMB website is: <https://www.rmbel.info/>

What's the weather like at the lake?

Have you ever wanted to really know what it looks like, or just longed for a glimpse of a lake? It's not our lake but its nearby. Here is a link from the WAPOA site that has a live video feed looking at Lower Hay Lake on the Whitefish chain.

<http://www.pinenest.info/>

Other Links

Here are some other links you might find interesting:

Minnesota Lakes and Rivers Advocates

<http://mnlakesandrivers.org/2012/06/28/msrpo-become-minnesota-lakes-and-rivers-advocates>

WAPOA

<http://minnesotawaters.org/whitefishareapropertyowners/>

City of Crosslake

<http://www.cityofcrosslake.org/>

Crow Wing County

<http://crowwing.us/>

Brainerd Lakes Area Chamber of Commerce

<http://www.explorebrainerdlakes.com/visit/index.htm>

Scout Camp Cuyuna

<http://www.twinvalleybsa.org/camping/cuyuna>

Crosslake Communications

<http://www.crosslake.net/>

Greater Lakes Area Performing Arts

<http://www.glapa.info/>

The complete Minnesota Boating Regulations are here:

<http://files.dnr.state.mn.us/rlp/regulations/boatwater/boatingguide.pdf>

2017 & 2018 GOLLA Members / Fish Fund Contributors In Alphabetical Order

Todd Amar
Clint Anderson
Tim Anderson
Ron Arnoldi
Cathye Austin
Jeff Balmer
Matt Balmer
Pricilla Balmer
Jim Becker
Dean Borgeson
Bob Borne
Bryan Bourcy
Tim Bray
Douglas Calhoun
Jerome Christianson
Steve Chuba
Daniel Cleland
Patricia Cormandy
Jeffrey Dahlberg
Michael/Craig Dahlberg
Todd Daniels
Edward Deegan
John Dougherty
Paul Dorweiler
Al Durand
Mark Eichhorn
Mike Ergen
Mark Erickson
Tanya Erickson
Mike Flynn
Charlotte Fogle
William Foley
Mike Follese
Cary Geise
John Haglund
Joe Hauglie
Chet Herrboldt
Bradford Hewitt
Chuck Hicks
Steve Hoch
Karl Hoffman
Ron Huff
Neal Wunderlich

Janice Jaeger
Larry Johnson
Randy Johnson
David Karle
Peter Klinkner
George Kohan
Karen Kurtz
Carol Larsen
Gary Leider
Bruce Macgregor
Glenn Mackinnon
Betsy Maranda
Bob Mattson
Dan Menden
Bob Meyer
Travis Negaard
Dewayne Nelson (Kubala)
Steven Noble
David Otte
Mike Page
Harold Peterson
Stephen Peterson
Clay Porter
John Pottratz
Mike Rancour
Kathy Royce
Craig Sauer
Ralph Schaum
Steven Schreier
Mary Shimp
Mark Smith
Scott Smith
Marvin Souba
Bob Stock
Michael Story
John Studer
Ted Stutsman
Doug Svihel
Doug Taulelle
Jim Tilsen/Weiner
Terese Vandereyk (Cremers)
Mike Worthington

