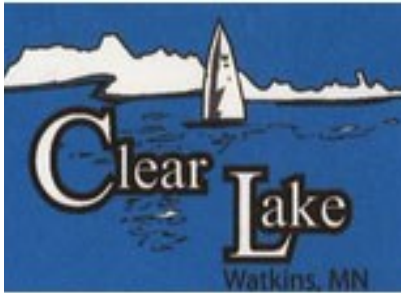


# Reflections

Clear Lake Property Owners, Inc.

VOLUME 15, ISSUE 1 ~ SPRING EDITION

## A Message from our President



Greetings Lake Association Members,

As of this morning, more than half of the ice which has covered Clear Lake for months has now melted into the lake. The familiar sounds of loon calls can now be heard. Spring is here!

Spring is a time for change and with that in mind I would like to take this opportunity to thank Ron Graham, a long time CLPO board member since 2004, for his many years

of hard work and dedication to our lake as his term is now over. Ron has been involved in numerous projects, grant seeking and writing, and his breadth of knowledge has aided our association in many of our endeavors throughout the years to better our lake. I have enjoyed working alongside Ron since 2004 and am equally looking forward to working with Rick Thoman, as our new CLPO Vice President.

During the fall and winter months is when the CLPO Board spends a great deal of time planning for the upcoming season. One of the largest of the projects is the Minnesota Board of Soil and Water grant received by Clearwater River Water District (CRWD) to fund the Clear Lake project to reduce phosphorus input at the north end of Clear Lake – a project our lake association has advocated for many years. The preliminary survey sent in March was quite promising with over 41 yes votes in support of the proposed levy. A letter to all lake shore homeowners outlining the project and levy details was sent by CRWD. [Click here](#) for a copy for your review. At this Saturday's Spring Meeting, April 16, 2022, beginning at 11 am at the Watkins Village Hall, we will have a petition for lake shore homeowners to consider signing. If you are unable to attend in person, please see the attached petition found in this email or [click here](#). Simply print the two pages, complete the petition for one owner, sign and either scan or take a picture of both pages and email to [clpoinc@gmail.com](mailto:clpoinc@gmail.com) by end of day Monday, April 18, 2022. All petitions received will be shared with the board of managers of CRWD for their meeting scheduled on Wednesday, April 20, 2022. More details will be shared with an opportunity for questions answered at our meeting on Saturday.

Other projects that will be discussed during the Spring meeting include SCSU core sampling results, Shore Area Treatment Project, Meeker County SWCD 2022 Pollinator program, and the upcoming AIS Harvesting.

Lastly, your board has one open director position that you can fill. We are looking for someone who can assist with member communications and grant writing. More details will be shared on Saturday. Please consider joining our CLPO board in working toward making Clear Lake once again worthy of its name.

We look forward to working together as a lake association to preserve the recreational use of Clear Lake. Your support for our lake improvement projects has been terrific!

On behalf of the Clear Lake Board of Directors, have a safe and enjoyable 2022.

*Debbie DeGulianovic*

### Inside this issue:

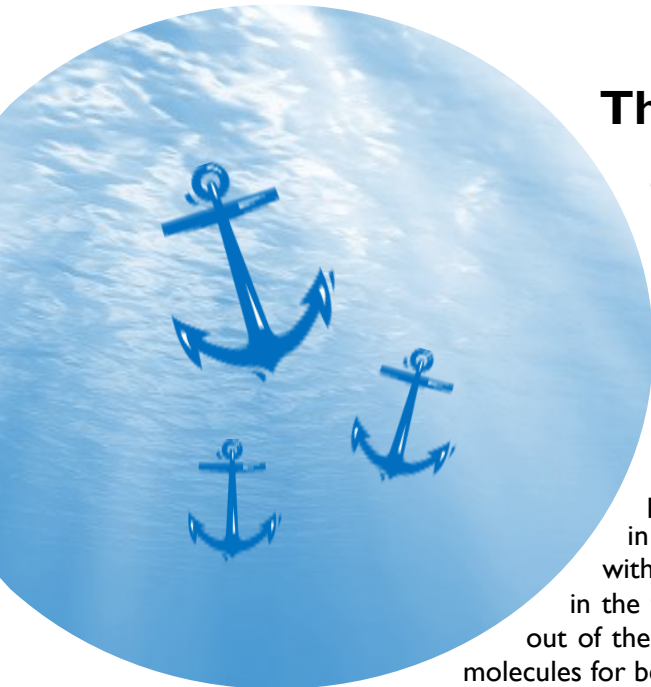
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### Special points of interests

- Spring Meeting - 4/16/22
- North End Project
- Clear Lake News on website: [www.clearlakewatkins.org](http://www.clearlakewatkins.org)

**Member  
Petition  
Needed**

## The Tale of Two Ends of Clear Lake



The Clear Lake north sub-watershed primary tributary carries about 3X the water that our main south tributary dumps into Clear Lake. Thus, the ISEF structure as proposed in our grant selection is much bigger than that in the existing south tributary which was installed in 2012 by the Clearwater River Watershed District (CWRD), and first cleaned out for maintenance in 2021. The south sub-watershed areas have less agricultural field run off associated with them, but the tributary still carries a fairly high soluble phosphate load with it into Clear Lake. The existing ISEF filter, although small, is still able to reduce the total soluble phosphate from 2-3 parts per million (ppm) content to under 1 ppm when in full working order. This is a pollutant level we hope to reduce further with the ISEF filter treatment of the north sub-watershed tributary. The iron in the filters bind with phosphate to form iron phosphate that stays bound and out of the water column for years. One iron molecule can bind with 4 phosphate molecules for better phosphate removal from the incoming water into the lake. The filter media itself (iron filings and washed sand) are neutral to an aquatic environment. In addition, the iron-sand filter system also helps in removal of soluble nitrates (also an algae and excess aquatic plant growth nutrient) and helps to allow for more dissolved oxygen in the water flowing into the lake.



Clear Lake south side tributary iron-sand enhanced filter after maintenance in August, 2021

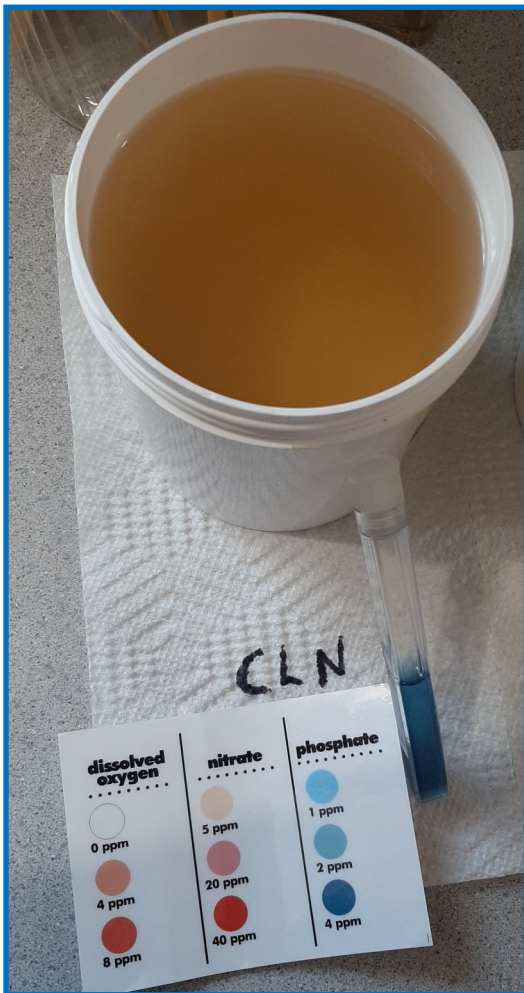
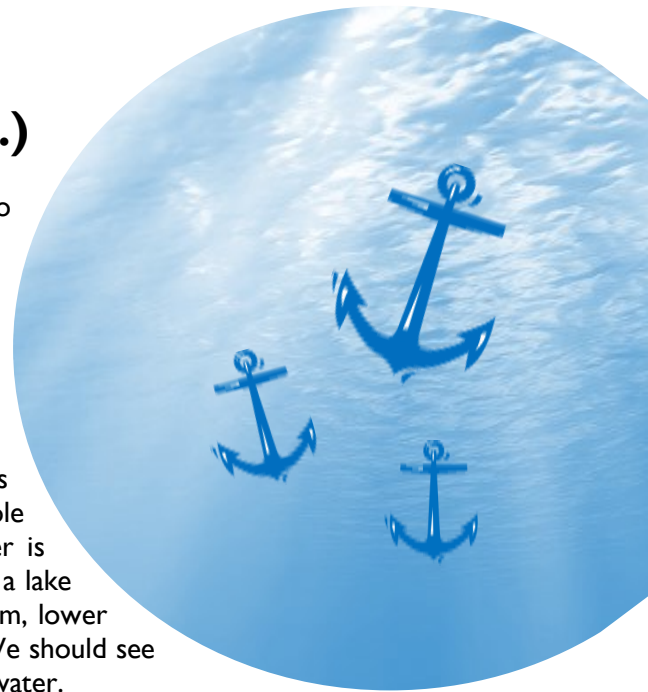


Proposed site of Clear Lake north tributary iron-sand enhanced filter



# The Tale of Two Ends of Clear Lake (cont.)

Below is a sample of lake water from the north sub-watershed tributary to Clear Lake taken on March 20, 2022 that is flowing through the above weir and culvert system under 375<sup>th</sup> street on the north side and directly into Clear Lake. The notation "CLN" stands for Clear Lake North as a water sampling point, and this water sample contains in excess of 4 parts per million (ppm) of total soluble phosphates. This is well over 4X higher than that we would want for the high end of total phosphates coming into Clear Lake. It is also a primary source for this pollutant and algae/aquatic nutrient that is responsible for turning Clear Lake into a green algae mess and often blue-green algae toxic aquatic environment, sometimes multiple times in the summer. In addition, the total nitrate content of this water is nearly 2 ppm, also much higher than we would like for water coming into a lake environment. The dissolved oxygen (DO) content of this water is 0.8 ppm, lower than that for which most fish can survive and meet their oxygen needs. We should see the DO content in this water at least 5-8 PPM, especially in spring run-off water.



The addition of an ISEF system on the main north tributary to Clear Lake will significantly assist in the positive treatment of this incoming lake water and over time make Clear Lake more befitting of its name!

Article by: Bruce Hall

## Annual Spring Meeting April 16, 2022

Please join your neighbors and CLPO Board of directors for our annual spring membership meeting on Saturday, April 16, 2022, at 11 am at the Watkins Village Hall.

Topics will include:

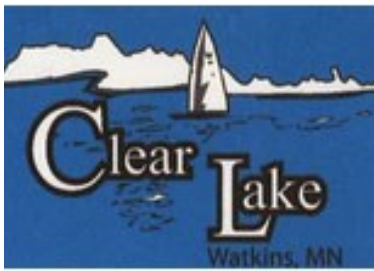
- North End Project
- SCSU Core Sampling Presentation
- Shore Area Treatment Project
- Meeker County SWCD 2022 Pollinator program
- AIS Harvesting

We look forward to seeing all of you this Saturday!

### 2022 Membership Dues

2022 membership dues are now being accepted. We invite your annual \$25 payment which is tax deductible as a charitable-educational donation. Please send dues to:

CLPO, Inc.  
PO Box 244  
Watkins, MN 55389-6058



**CLEAR LAKE PROPERTY OWNERS, INC.**

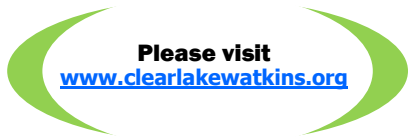
PO Box 244  
Watkins, MN 55389-6058

Mission Statement:

Working toward making Clear Lake  
once again worthy of its name.

Vision:

“Clarifying our Waters”



Please visit

[www.clearlakewatkins.org](http://www.clearlakewatkins.org)



**CLPO Spring Meeting  
April 16**

*First Class Mail*

## 2022 CLPO Board

- President — Denise DeJuliannie  
(612-919-1650)  
[dejuliannie@aol.com](mailto:dejuliannie@aol.com)
- Vice-President — Rick Thoman  
(651) 485-7499  
[rickthoman@comcast.net](mailto:rickthoman@comcast.net)
- Secretary — Amy Ertl  
(320) 249-3077  
[amyandtom5@juno.com](mailto:amyandtom5@juno.com)
- Treasurer — Rob Swanson  
(320) 764-2765  
[diaswanson@meltel.net](mailto:diaswanson@meltel.net)
- Board Members

Joe Kuechle  
(320) 980-2999  
[joek@meltel.net](mailto:joek@meltel.net)

Jim Wirz  
(320) 493-0841  
[jameslwirz@gmail.com](mailto:jameslwirz@gmail.com)

Open Position

## Calendar of Upcoming Events

Mark your calendars for the following CLPO events:

- Spring Membership Meeting - Saturday, April 16, 2022 at 11am
- July 4th Parade of Boats - Saturday, July 2<sup>nd</sup> at 1pm
- Annual Membership Luncheon Meeting - Saturday, August 20<sup>th</sup> at 12pm

Visit our website at [clearlakewatkins.org](http://clearlakewatkins.org) to learn more!



**Questions?  
Comments...**  
The Board invites  
your calls.

## New to the Lake?

Do you have new neighbors?

We would love to add them to our mailing list.

Visit us online: [www.clearlakewatkins.org](http://www.clearlakewatkins.org)

Or contact Denise DeJuliannie at  
[clpoinc@gmail.com](mailto:clpoinc@gmail.com) with new owners name,  
lake address, email and phone number.