



Crystal Lake Improvement Association

Annual Meeting | April 24, 2018



Welcome

Rick Bowles



Thank you for your continuing support

Helping to improve the quality of our beautiful lake!



65% of lake residents paid their \$50 annual CLIA membership dues
70% of all residents returned signed MN DNR algae permits



CLIA Mission

To improve the water quality, value and enjoyment of living on Crystal Lake by engaging the resources of our community and beyond in pursuit of responsible solutions to our members' stated concerns.

Your CLIA Board of Directors

Rick Bowles

President

Beth Breeden

Vice President

Pat Leitschuh

Secretary

Greg Cardinal

Treasurer

Mike Hughes

Chris Peterson

Jon Vinovich

John Currie

Kyle Bahr



Agenda

- Welcome – Rick Bowles, President
- State of the Lake Address
(What have we done since we last met?)
 - Algae/Weed Management Update
 - Grants
 - Fish Management
 - Communications
 - 2018 Planned Events and Activities
- Treasurer's Report – Greg Cardinal
- New Board Candidate Introductions and Voting
- City of Burnsville Update – Daryl Jacobson
- Voting Results
- Q & A



State of the Lake Address

Your CLIA Board Members

Our Work on your behalf...

Helping to make Crystal Lake as clean, useable and safe as possible

- Advocacy with other entities:
 - Black Dog Watershed Management Organization
 - Burnsville, Dakota County, Minnesota
 - Department of Natural Resources
- Algae Treatments
- Weed Management
- Grants
- Fish Management
- Communications
- 2018 Planned Events & Activities

Algae/Weed Management

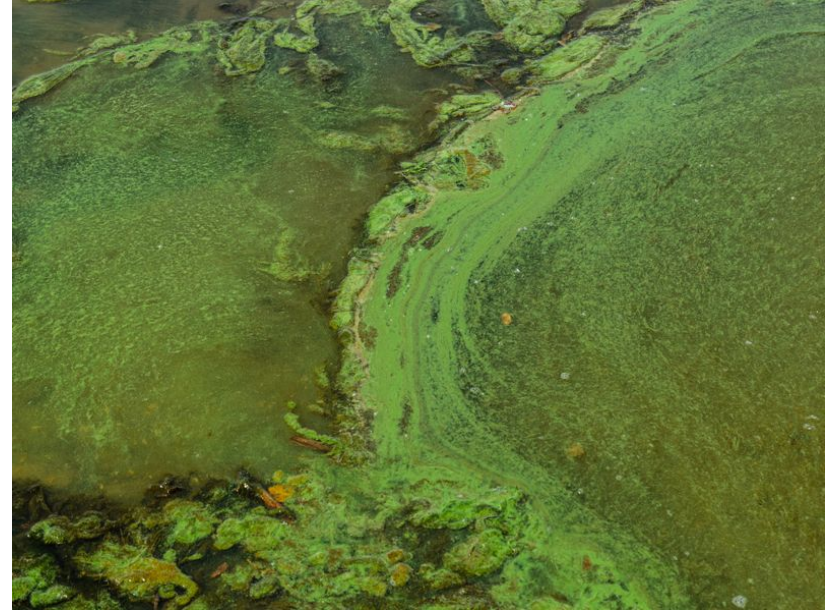
Chris Peterson, Jon Vinovich, & Pat Leitschuh

Algae Treatment Update

Crystal Lake deals with 2 main types of nuisance algae.



Filamentous



Planktonic

Algae treatments are currently planned for the 2018 season

Our Top Weed Issues

Crystal Lake deals with 3 main types of nuisance weeds.



Curly-Leaf Pondweed



Milfoil



Coontail

Weed Management

Rebate program to support residential shoreline weed control and supplement city weed harvesting efforts

- CLIA is reimbursing residents up to 50% of their cost (\$100 maximum)
- Send proof of purchase receipts for reimbursement by 11/1/2018; contact information to be provided.

Lake Restoration and Lake Management sent letters offering herbicide treatment of nuisance weeds

- Can sign up for one or two herbicide treatments
- Treatments are tentatively scheduled for late May/early June and mid-late July
- Harvesting will occur in early June

Grants

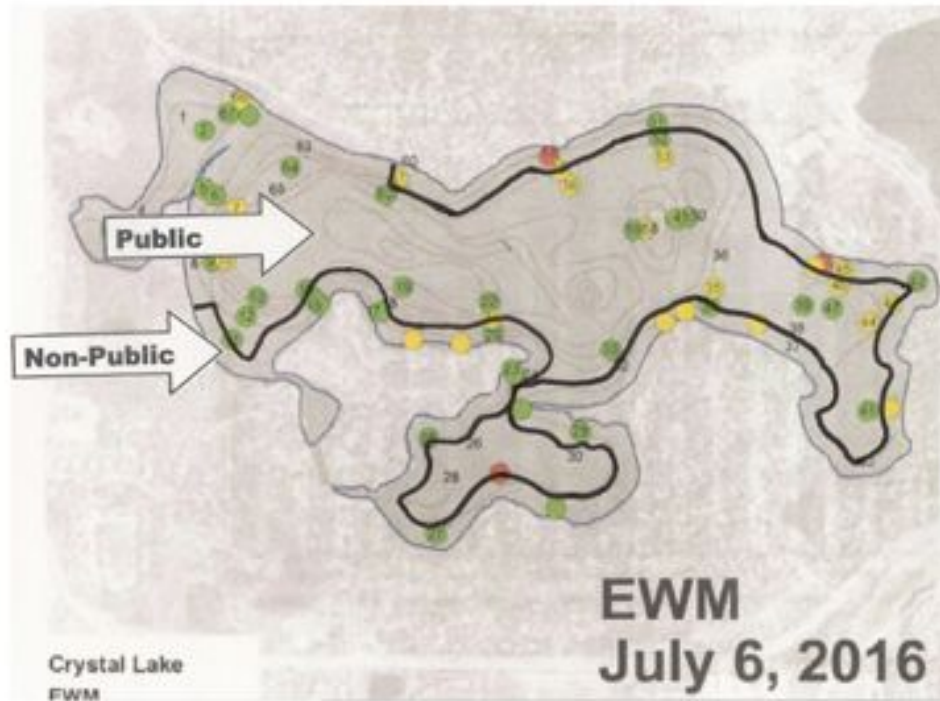
Michael Hughes



2018 Dakota County AIS Grant

Control Eurasian Milfoil (EWM) within 150 ft of shoreline

- June/July 2018 EWM study to find areas of EWM growth
- If increasing trend of EWM areas found, treat with herbicide*
 - Burnsville will pay for treatment in Public areas (>150 feet from shoreline).
 - CLIA will pay for treatment in Non-public areas (<150 feet from shoreline).
- Dakota County AIS grant will pay 50% of CLIA costs



CLIA was unable to complete 2017 EWM control project due to DNR permit deadline

- Plan to complete 2018 EWM study earlier
- Already collected signed DNR permits in March

CLIA will continue to apply for grants as opportunities appear

*Split application (12 hour) liquid 2,4-D 4 ppm
up to 6 foot average depth

Zebra Mussels

- Increased risk due to nearby Lake Marion Zebra Mussel infestation detected September 2017.
- Early detection is important. Small infestations in limited areas can be treated using pesticides.



Zebra Mussel Detector



Zebra Mussel Larvae
on Detector



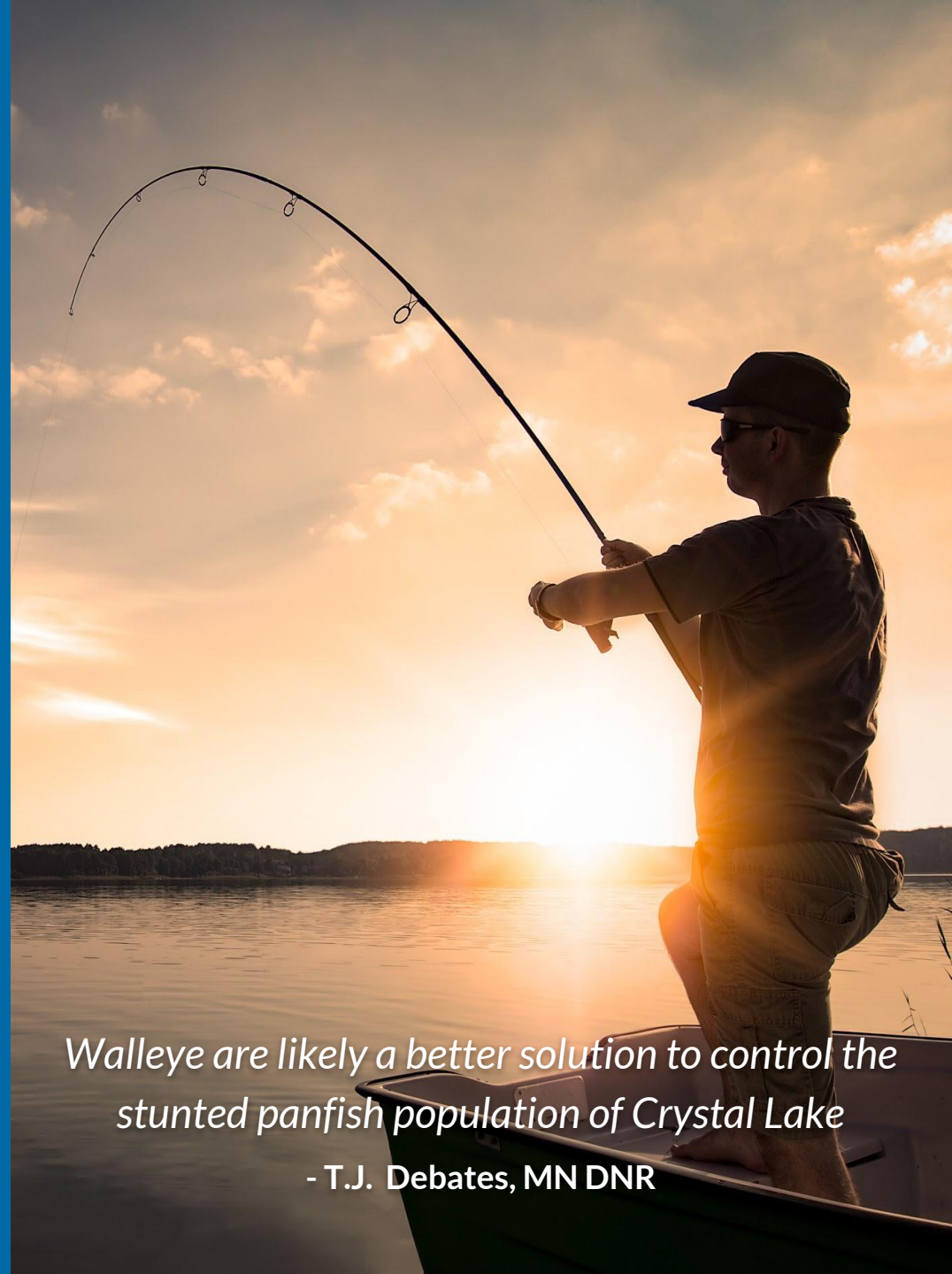
Zebra Mussel
attachment threads

Fish Management

Kyle Bahr & Pat Leitschuh



- Increased Communication with DNR Fisheries Team
- Increased Tiger Muskie Stocking
- Black Crappie Stocking
- Walleye Stocking
- Crystal Lake added to DNR surplus walleye list
- Additional DNR Fishery Surveys
- Ongoing fish management



Walleye are likely a better solution to control the stunted panfish population of Crystal Lake

- T.J. Debates, MN DNR

Tiger Muskie stocking increase by 50% by the DNR

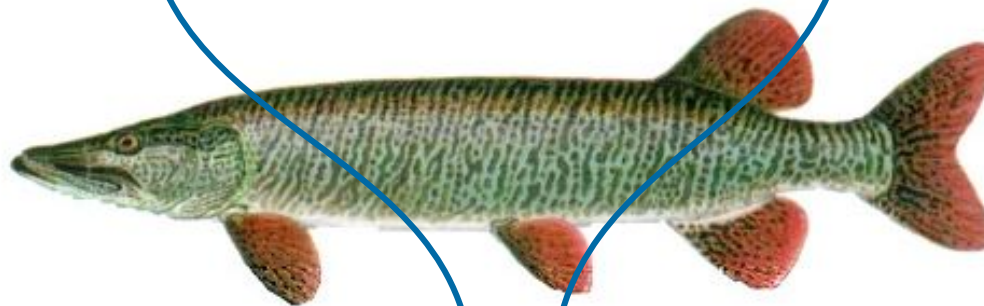
From 1 fish per surface acre (280) to 1.5 fish (420) starting spring 2018



Northern Pike



Muskie



Tiger Muskie

Tiger muskie are used to control panfish populations and cannot reproduce

Tiger muskie grow faster than pure-strain Muskie and are larger than Northern Pike

Black Crappie

- Amount: 1200 fish
- Size: 4-6"
- Date: Spring 2018
- CLIA Cost: \$1020 (\$.85/fish)
- Provider: West Central Fisheries

Improve fishing experience on Crystal Lake for anglers of all ages.



Walleye

- Amount: 164 lbs. of fish
- Size: 4-8"
- Date: Spring 2018
- CLIA Cost: \$3,120 (\$19/lb.)
- Provider: West Central Fisheries

Improve fishing experience on Crystal Lake and help control panfish population.

2017

- Standard Fisheries Survey Completed

2018

- Black Crappie Stocking (*April-May*)
- Walleye Stocking (*April-May*)

2019

- Walleye Stocking (*Under Review*)

2020

- Walleye Stocking (*Under Review*)
- Gill Net Sampling to gauge effectiveness

2023

- Standard Fisheries Survey



Communications

Beth Breeden, John Currie, & Kyle Bahr



Email and Communications

Easier to follow and more frequent communications.



LAKEFRONT NEWS
from the Crystal Lake Improvement Association
March 9, 2018



THE CLIA ANNUAL MEETING:

Tuesday, April 24, 2018, from 6:00-8:00 PM
Dakota County Library, Burnhaven Branch
1101 Cty. Rd. 42 W., Burnsville, MN 55306

We've got news & views to share with you; Share yours, too!

ELECTION OF THREE NEW BOARD MEMBERS

This is your chance to speak up, get involved and help preserve our wonderful lake. 2 hours a month = 12 months of "ahhhhhh..."

EURASIAN MILFOIL & ALGAE TREATMENT PERMIT APPLICATIONS were sent out the first week of March. If you didn't receive yours, please email us TODAY: crystallakemn@gmail.com. Completed applications must be received by **March 15**

The Invasive Eurasian Milfoil treatment is **FREE** to you and **PAID** by the CLIA; all you need do is submit your permit application

Most **Individual contracts & permits** with privately contracted lake treatment services also need to be submitted in early March. If you've hired or need one, connect with them. Quickly...

Crystal Lake Improvement Association | crystallakemn.org | crystallakemn@gmail.com



Come visit with your lake neighbors!

Enjoy a fabulous potluck picnic!

CLIA Fall Family Potluck Picnic Social & Info Meeting



Sunday, September 25th, 2016

from 4:00pm-7:00pm at the
Crystal Lake Park Shelters

(1101 Crystal Lake Road East, Burnsville, MN)



4:00-6:00pm ~ Family Potluck Picnic Social

(The CLIA will provide bottled water, small Jimmy John's sandwiches, along with picnic plates, plastic silverware and napkins)

Families please bring your own beverages, blankets or chairs, and a dish to share:

A-G: Appetizers, Chips or Snacks H-N: Sides, Salads, Fruit or Veggies O-Z: Desserts



LAKEFRONT NEWS
from the Crystal Lake Improvement Association
March 28, 2018



IF YOU MISS THE APRIL 1ST DEADLINE TO PARTICIPATE IN AQUATIC PLANT HARVESTING

AFTER THAT, IT'S ANYBODY'S GUESS HOW YOU'LL DEAL WITH THOSE NASTY FLOATING WEEDS

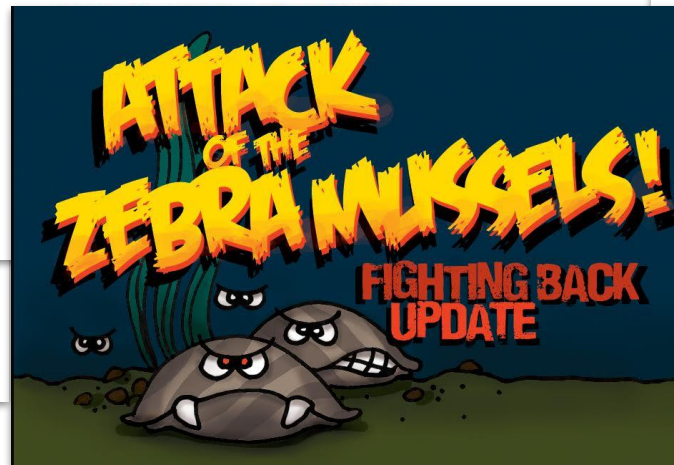
If you have misplaced your letter from the city with information about how to participate, please TODAY contact Liz Forbes, Senior Natural Resources & Forestry Technician with the City of Burnsville.

She can email a copy of the application to you directly or you can make an appointment to stop by her Burnsville City office to pick up a paper copy. She will need your address, as a different letter was mailed to residents who live along Mystic Bay (there's a different target plant species, and therefore a different DNR permit process for the Mystic Bay harvest).

DON'T WAIT! CONTACT LIZ FORBES TODAY!

952-895-4518 (office) | 952-895-4531 (fax) | www.burnsville.org

Crystal Lake Improvement Association | March 2018 | crystallakemn@gmail.com





DO YOU WANT AN ICE CREAM SOCIAL OR WHAT?

WE'RE LOOKING FOR A FEW GOOD NEIGHBORS TO HELP OUT WITH OUR ANNUAL CRYSTAL LAKE IMPROVEMENT ASSOC. ICE CREAM SOCIALPALOOZA. NO HELPEE, NO PAR-TEE.

JULY 4, AROUND 6-9 PM, AT THE XX BEACH. WALK, DRIVE OR BOAT IN: IT'S OUR ANNUAL SUMMER GET-TOGETHER AND WE CAN'T DO IT WITHOUT SOME HELP CONTACT US TODAY @ crystallakemn@gmail.com AND COME HELP SERVE ICE CREAM, MAKE SOME ROOT BEER FLOATS, AND SHOW YOUR KIDS WHAT STAND-UP FOLKS YOU ARE.

Brought to you by the Crystal Lake Improvement Assoc. Board, because we want to drip ice cream on our tummies with you



LAKEFRONT NEWS
from the Crystal Lake Improvement Association
April 16, 2018

COME TO THE SPRING CLIA MEETING



LOTS OF FREE PARKING AVAILABLE

SO DON'T MISS OUR ANNUAL MEMBER SEASON KICK-OFF MEETING!!!

Tuesday, April 24, 2018, from 6:00-8:00 PM
Dakota County Library, Burnhaven Branch, 1101 Cty. Rd. 42 W., Burnsville 55306

COME HEAR OUR PLANS FOR ANOTHER GREAT YEAR ON CRYSTAL LAKE!
We'll update you in President Rick Bowles' State of The Lake Address. **HEAR** the plans for the algae & invasive species treatment programs! **THRILL** to the **EXCITING** budget report! **GASP** about the results of the effort to raise the boat speed limits! **TINGLE** about this year's lake events! **PERUSE** the new CLIA website! And **EXCITE US** with your feedback & ideas!

BUT WAIT!!!! IT'S ALSO TIME TO ELECT 3 NEW BOARD MEMBERS!
Come throw your hat in the ring or nominate another member and help us continue to build an ever-better life on our beautiful lake. To add your name to the ballot, please contact Rick Bowles at 952.484.5056 or email him at the address below.

SEE YOU ON APRIL 24th!

Crystal Lake Improvement Association | April 2018 | crystallakemn@gmail.com

CrystalLakeMN.org



[Home](#) [About Us](#) [CLIA Board](#) [Resources](#) [Photos](#) [Contact Us](#)

External Links:

[Crystal Lake Beach Amenities](#)

[MN Boating and Water Recreation Regulations](#)

[Black Dog Watershed Management Organization](#)

[Burnsville Natural Resources](#)

[Lakeville Natural Resources](#)

[Apple Valley Natural Resources](#)

[Dakota County Minnesota](#)

[Dakota County Soil and Water Conservation District](#)

[Click for weather forecast!](#)

13048

Number of Visitors



Crystal Lake Improvement Association

"Improving water quality and life on Crystal Lake since 1962."

Crystal Lake is located in the southern Twin Cities metro area, 1/2 mile from the intersection of County Road 46 and Interstate Highway 35 in the cities of Burnsville and Lakeville MN. It is directly across Highway 35 from Buck Hill ski resort.

The Crystal Lake Improvement Association is a non-profit, volunteer organization. Since our foundation in 1962, our primary goal is to improve our lake quality.

Crystal Lake is part of the Black Dog Watershed Management Organization, and covers 262 acres with a maximum depth of 37 feet. Crystal Lake has one public boat landing, one public fishing dock, and two public beaches (one on both the east and west sides of the lake).

[CLIA Welcome Brochure](#)



Your Curb Is Also Your Shoreline!

Anything that enters the storm drain can enter Crystal Lake. Grass clippings and leaves contain nitrogen and phosphorous which can in turn cause uncontrolled growth of algae and aquatic weeds. Help keep our water quality high and our algae treatment costs low by keeping our curbs free of debris.

Additional info on things that affect the Lake quality:

[Water Quality](#)
[Lawn Care](#)
[Pet Waste](#)

Latest News



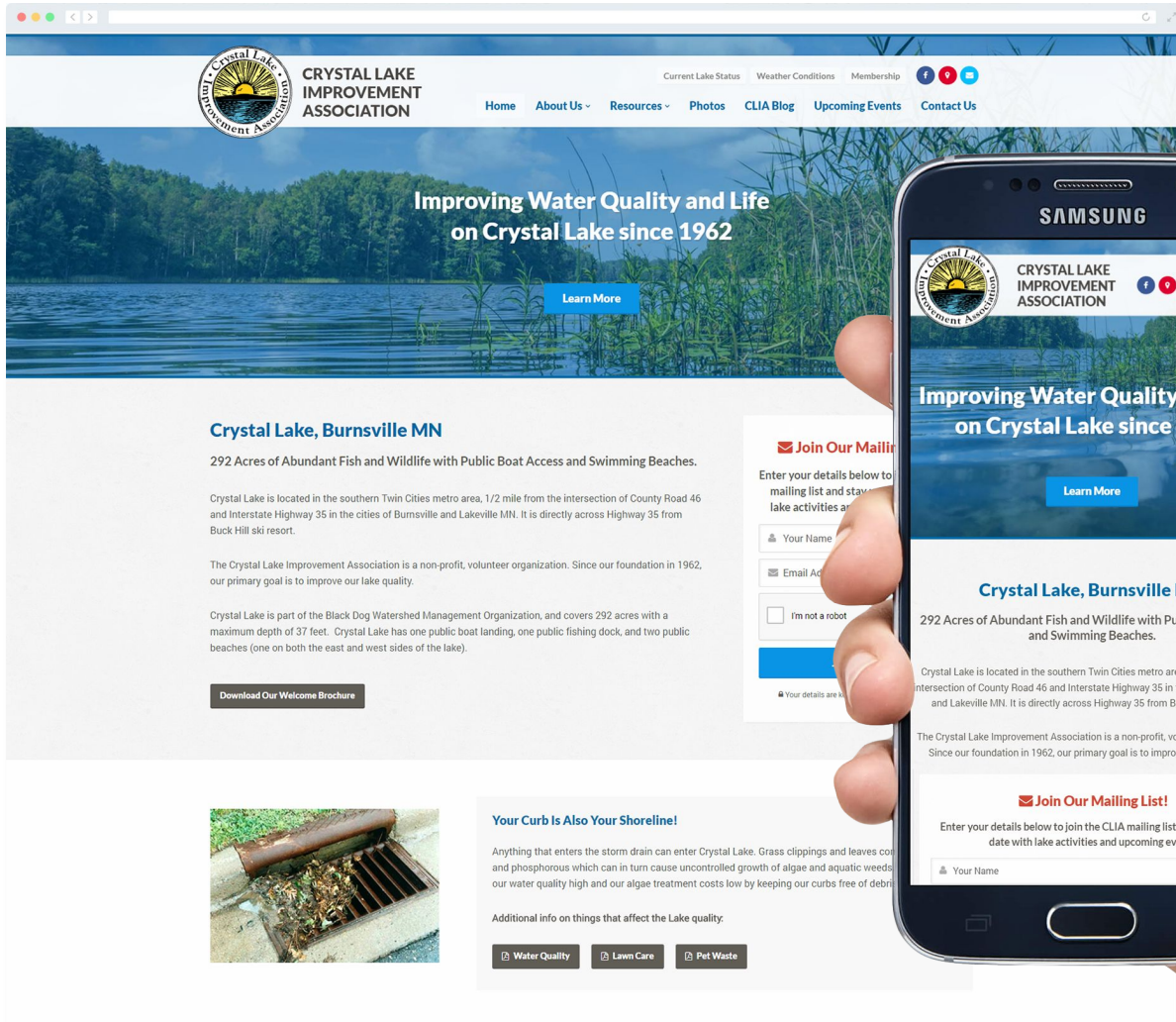
Upcoming Events



A special thanks to
Corey Marthaler
for creating and
maintaining the
previous CLIA website.

CrystalLakeMN.org

A new mobile-friendly website now live!



Updated Design

Mobile Friendly,
Easy to Use and
Updated Monthly

Upcoming Events

Stay up-to-date with
upcoming CLIA and
lake related events

CLIA News Blog

Easily access lake
related news posted
by board members

Upcoming Events

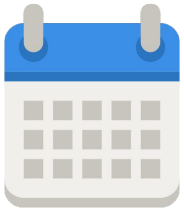
Check CrystalLakeMN.org to learn more about upcoming events.



Spring Clean-up and Picnic

May

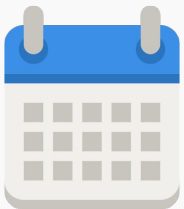
10am-12:30pm



Fourth of July Boat Parade

July 4th

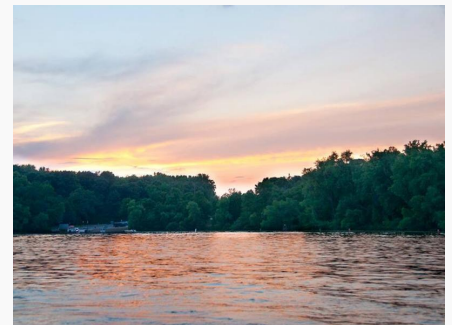
4pm - dusk



Fall Potluck Picnic Social

Mid September

4pm - 6pm



Treasurer's Report

Greg Cardinal



Treasurer's Report

	2016 Actual	2017 Actual	Increase / (Decrease)	2018 YTD	2018 Projected
Starting Cash Balance	\$ 48,665	\$ 58,789		\$ 55,465	
Deposits					
Membership dues	\$ 6,500	\$ 6,800	\$ 300	\$ 6,050	\$ -
Interest income	\$ 228	\$ 236	\$ 8	\$ 71	\$ 220
Bay algae dues	\$ 5,300	\$ -	\$ (5,300)	\$ -	\$ -
Directory ad sales	\$ 750	\$ -	\$ (750)	\$ -	\$ -
Total	<u>\$ 12,778</u>	<u>\$ 7,036</u>	<u>\$ (5,742)</u>	<u>\$ 6,121</u>	<u>\$ 220</u>
Expenses					
Algae treatment	\$ -	\$ 1,387	\$ 1,387	\$ -	\$ 3,000
DNR inspection	\$ 300	\$ 360	\$ 60	\$ -	\$ -
Weed Rebate	\$ -	\$ 6,331	\$ 6,331	\$ -	\$ 6,500
Fish management	\$ -	\$ -	\$ -	\$ -	\$ 4,100
Miscellaneous	\$ 2,354	\$ 2,282	\$ (72)	\$ 20	\$ 2,300
Total Expenses	<u>\$ 2,654</u>	<u>\$ 10,360</u>	<u>\$ 7,706</u>	<u>\$ 20</u>	<u>\$ 15,900</u>
Ending Cash Balance	<u>\$ 58,789</u>	<u>\$ 55,465</u>	<u>\$ (3,324)</u>	<u>\$ 61,566</u>	<u>\$ 45,886</u>

Other News

Rick Bowles



Boat Landing for Crystal Lake Beach

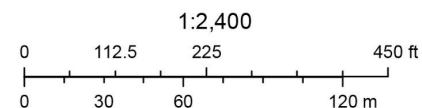
The CLIA Board requested a change in the Motorized Boat Buoys on Crystal Lake Beach to allow boats to dock on the Northern shore of the beach.

The following graphic illustrates the proposed changes.

This change will require a final vote from the Parks and Natural Resources Commission.



April 23, 2018



Crystal Lake Sea Base

Crystal Lake is a registered
Seaplane Base (MN09)

Starting this season, you
may see incoming and
outgoing traffic from local
residents operating
seaplanes.

The CLIA is working with
seaplane owners to ensure
all residents are aware of
safe operation while
sharing the lake with
seaplanes.



Opportunities

Join or assist the CLIA



Opportunities to Get Involved

- Governance, Finance and Compliance
 - Rick Bowles, Greg Cardinal
- Communications, Website & Member Relations
 - Beth Breeden, John Currie, Kyle Bahr
- External Relations
 - Mike Hughes, Jon Vinovich
- Algae & Weed Management
 - Chris Peterson, Jon Vinovich, Pat Leitschuh
- Fish Management
 - Kyle Bahr, Pat Leitschuh

Seeking New Board Candidates

- Traits
 - Work well with others in self organized project teams
 - Respect and follow CLIA bylaws and lake rules
- Responsibilities
 - Officers (President, Vice President, Treasurer, Secretary)
 - Available on average 2-4 hours per month
- Three open positions
 - Three year term ending May 2021 – No term limits
 - Regularly scheduled monthly meetings

Rob Lambert

351 Maple Island Road

Thank you for considering me for a CLIA board position.

I have moved from Boston back to Minnesota last summer with my wife Megan and our two daughters.

I grew up on Maple Island and am excited to again call Crystal Lake home.

Rob is a senior manager with a medical device company, here in Minneapolis, and Megan is a pediatric pulmonologist.



David Smith

445 Crystal Lake Road East

I am interested in running for a seat on the CLIA board for several reasons. Here are three:

- I have the time.
- I have lived on the lake for 10 years and I think it is time for some civic responsibility.
- I want to meet more of my lake neighbors.



Connie and I grew up and were educated in Ohio. We lived in Michigan and Chicago until we landed in the south Metro in 1988. The move was designed to be a 3 - 5 year gig that resulted in permanent roots.

Before moving to Crystal Lake in 2009, we lived on Lac Lavon Lake in Apple Valley for 20 years. I started my indefinite sabbatical in 2014. Prior to that, I sold specialty paper for a Dutch company for 27 years. Our son, daughter-in-law, parents and grandson live in Lakeville.

Kate Wells

Bluebill Bay Road

My husband, Chris Huset, and I moved onto Bluebill Bay from Lowertown St. Paul last month and we're excited to start enjoying lake life. When I'm not on the lake, I'm an attorney practicing in estate planning, business, and real estate matters.



Having assisted family members with their common interest communities in the past, I understand the value that an association can provide neighbors as well as the challenges and commitment that board membership involves. I'm looking for an opportunity to serve our community and consider myself pretty approachable and open to considering members' concerns. I'm also not being afraid to get my hands dirty to understand the details involving finances, environmental regulations, and other neighborhood impacts that are expected of the board.

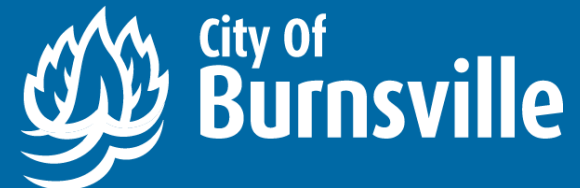
Thanks for considering me and see you on the lake!

Vote for New Board Candidates

- Three board member positions are open
- Candidates
 - Rob Lambert
 - David Smith
 - Kate Wells
 - Other Nominees
- Vote for three on the ballot
 - Write in names of new candidates
 - Write-In nominations are accepted

Daryl Jacobson

Natural Resources Manager
City of Burnsville



City of Burnsville

Daryl Jacobson, Natural Resources Manager

- The Keller Lake water improvement project
- City weed pick-up after harvesting
- Upcoming key initiatives
- Noteworthy Lake/Boating Rule Changes
- Plans to treat EWM in the public areas
- Plans for boat inspections at public boat launch
- Additional thoughts or news



Voting Results

Your new CLIA Board Members



Hats off to...



Rick Bowles



Beth Breeden



Pat Leitschuh

**Thanks for your leadership,
support, and dedication to the CLIA!**

Q&A

With your CLIA Board Members





Thank you for joining us!

Crystal Lake Improvement Association