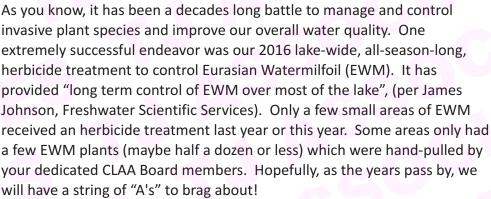




#### We Got an "A"!!!

by Gary Nereson, CLAA President

Check out the Coon Creek Watershed District (CCWD) article on page 3 in this newsletter! That article talks about our ranking in the top 10% of all Metro Area lakes, and states that we "have our best water clarity on record" in 2021! We were also front page of the November 12, 2021 **Anoka County Union Herald**, "Crooked Lake Makes the Grade".



Watch for future announcements about our annual Winter General Meeting on February 17, 2022, in person, at Legacy Christian Academy.

And, special thanks to our other partners without whom we would not have been able to accomplish all that we have:

Coon Creek Watershed District Anoka County City of Andover Anoka Conversation District MN DNR City of Coon Rapids

Note: See page 4's article on this year's drought and its effect on our lake level. As you will see in that article, we have endured similar low lake levels in 1989, 2000, 2009, and 2021. Let's hope for a return to "normal" in 2022.





For more information and to order please call Brian Graves at 612-282-8803 or bgraves@tjassociates.net

#### **INSIDE THIS ISSUE**

Is Your Well Water Safe?	. 2
Winter General Meeting	. 2
Lake Friendly Lawn Care	. 2
Water Quality Update	. 3
Lake Levels: Drought Edition	. 4
Membership Donations	. 4
Volunteers Make a Difference	. 5
Tips for Bee Friendly Yard	. 6
Christmas Light Contest	. 7
Boat Parade	. 7
Summer Picnic	. 8
Polar Plunge	. 8
2021 Ice Carousel	. 9
CLAA Rules and Regulations	. 9
Ice Out Contest	. 9
Our Lake's Point of View	10
Treasurer's Desk	12
Volunteer Appreciation	12



#### Is Your Well Water Safe?

#### By Gary Nereson, CLAA President

Well water sampling conducted by the Minnesota Pollution Control Agency, MPCA, near the closed landfill in Andover has detected high levels of a likely carcinogen, 1,4-dioxane. This is primarily in the Red Oaks neighborhood, where some residences are reviving bottled water.

The Minnesota Department of Health and the MPCA are continuing their water sample testing and have determined that Andover's *municipal* water supply is safe. They have also indicated that the contaminated aquafer is well away from the area around Crooked Lake.

For more information, review the November-December 2021 edition of the "Andover Today" newsletter, and/or visit www.pca.state.mn.us/andover. There, if you wish to have your own private well tested at your expense, you will find the names and contact information of four different laboratories that will do that.

(The State of Minnesota does not endorse or guarantee any specific laboratory or service any laboratory may provide.)

## Hope to see you at our Winter General Meeting

on

Thursday, February 17, 2022 6:30 pm

at Legacy Christian Academy 3037 Bunker Lake Blvd.



# Lake Friendly Lawn Care

#### Use nature's fertilizer first!

Don't bag short grass clippings Mulch leaves in fall

#### **Test your soil**

Before applying fertilizer, find out if you need it with a UMN soil test

#### Aerate with a core aerator

You need to aerate if a pencil can't easily go into your lawn; aerate around Labor Day

#### If needed, fertilize in fall

Use a fertilizer mix with 35-50% slow release fertilizers

Examples of slow release fertilizers are biosolids, soy meal, stabilized nitrogen, and coated urea products

Avoid fertilizers with phosphorus

#### **Keep turf 3 inches tall**

Always mow with a sharp blade Cut less than a third of grass height at a time

#### Water deeply once a week

Water 1.5"/week in sandy soils and 1"/week in other soils

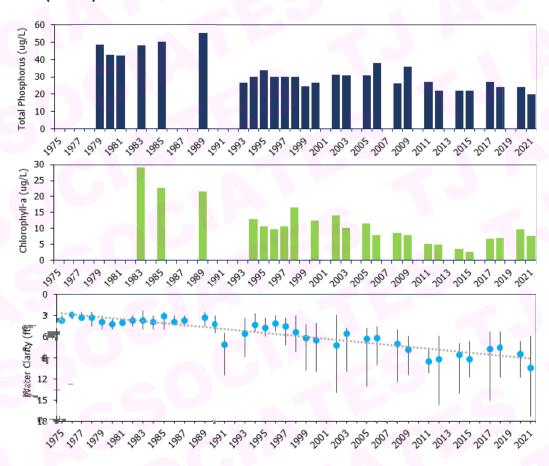
Don't water if it rained over an inch that week



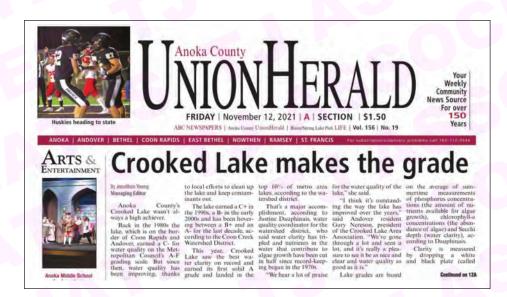
#### Water Quality Update: Crooked Lake Earns an "A" for the First Time!

#### By Coon Creek Watershed District (CCWD)

The water quality of Crooked Lake has been monitored since the 1970s and has significantly improved over the past 50 years. According to the Metropolitan Council's Lake Grading System, Crooked Lake earned an "A" this year on the A-F grading scale, ranking in the top 10% of all metro lakes! For reference. Crooked Lake earned a Cin the 80s, C+ in the 90s, Bin the early 2000s, and has been hovering between B+/A- for the last decade. In 2021, Crooked Lake experienced the best water clarity on record, averaging over 10 ft!



Thank you watershed residents, the CLAA, and the cities of Andover and Coon Rapids for supporting several clean water initiatives over the years: implementing lake-friendly lawncare practices, controlling aquatic invasive species, adopting and stenciling storm drains, and targeted street sweeping to name a few. All behaviors, big and small, help keep this trend moving in the right direction!



Lake grades are based on average summertime measurements of:

- Phosphorus concentrations (amount of nutrients available)
- 2) Chlorophyll-a concentrations (abundance of algae)
- 3) Secchi depth (water clarity)

Contact Justine Dauphinais, jdauphinais@cooncreekwd.org for more information.

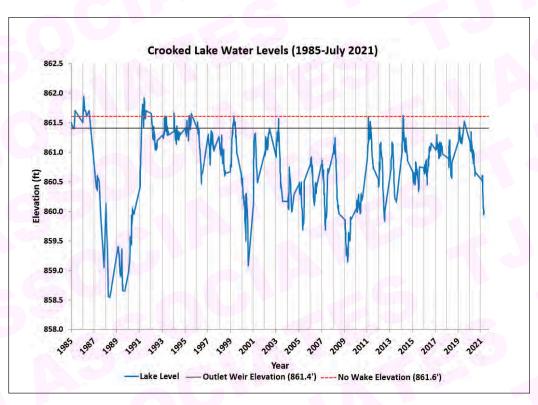
#### **Lake Levels: Drought Edition**

#### **By: Coon Creek Watershed District**

Crooked Lake's water level is controlled by inputs of groundwater, precipitation, and a concrete weir at the outlet set at an elevation of 861.4 feet above sea level. In most years, the lake stays below 861.4 feet and no water exits the lake except through evaporation. In wet years, the water overtops the concrete weir and slowly

drains through a culvert to Coon Creek. In dry years, when shallow groundwater levels are low, the lake level can drop roughly 2.5 feet below average. Currently, Crooked Lake is roughly a foot below average, but levels are well within the normal range observed since the 1980s (see graph). Water levels have not been this low since 2012, but will rebound as soon as we get adequate snow and rain!

A big thank you to lakeshore resident, Carol Buzzelli, for volunteering to monitor and report lake level data to the MN DNR each year!



## If you have already donated in calendar year 2021, THANK YOU!! If you have not, the following is why we still need your 2021 donation. by Grant Schmalzer, CLAA Treasurer

The membership suggested donation amount to the lake association is \$50 per year or \$35 if you live off the lake. You can donate anytime from January 1 – December 31st. We are a 501(c)3 corporation which means that all money donated by you is tax-deductible. If you have not sent in your donation for this year (since January 1, 2021), now is a great time to do so!

If you are not sure if you have made a donation for 2021 or are interested in making an online donation through PayPal, send Grant Schmalzer, CLAA Treasurer, an email at gs2175@gmail.com or call 612.965.4631.

Listed are some of the things your \$50 donation is used for:

- Invasive aquatic species control, specifically Curly-leaf Pondweed (CLP) and Eurasian Watermilfoil (EWM), as well as Hybridized EWM
- Aquatic plant surveys
- Long term Lake Vegetation Management Plan
- Lake Management Plan
- Meeting expense
- Newsletter publication and mailing and more...

There are no paid positions in our Lake Association - we are all volunteers.

#### Volunteers make a difference for Crooked Lake

#### By Coon Creek Watershed District

We want to thank our current zebra mussel spotters, storm drain adopters, and Citizen Salt Watch volunteers in the Crooked Lake area! Together, they are making a difference for Crooked Lake and other local waterbodies.

Ten drains around Crooked Lake are officially adopted with great names such as "Sir Drains A Lot" and "Bee Clean". These adopters reported removing 16 pounds of debris from their storm drains. There are still many drains waiting to be adopted! If you want to become an adopter, go to www.mn.adopt-a-drain.org.



Last winter, three Citizen Salt Watch volunteers measured the levels of chlorides in street runoff in the Crooked Lake area. This data helps us find out where there are chloride hot spots we can target for salt use optimization projects. We'd love to have more volunteers around Crooked Lake this winter. Please contact Britta Dornfeld at bdornfeld@cooncreekwd.org or 763-258-7305 if you're interested in participating. Citizen Salt Watch is a project of the Izaak Walton League of America.



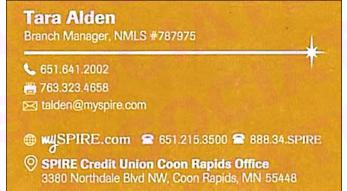












#### Tips for a Bee-Friendly Yard and a Cleaner Crooked Lake!

#### By Emily Johnson (Anoka Conservation District)

Pollinators are keystone species that depend on connected habitats, clean water, and food sources free of pesticides to survive. Unfortunately, our state bee, the rusty patched bumblebee, and other pollinators are at risk.

Pollinators, including butterflies, moths, beetles, hummingbirds, flies, and Minnesota's 450 native bee species, play a key role in pollinating many food crops and native plants. However, populations have significantly declined worldwide in recent years due to environmental stressors such as habitat loss and fragmentation, loss of food sources, pesticides, climate change, diseases, and parasites.

Residents throughout Minnesota, including around Crooked Lake, can help save our state bee and provide safe food sources and habitat for all pollinators by adding pollinator-friendly plants to their yards and eliminating the use of insecticides. In addition, native plants are critical for maintaining a clean and healthy lake! Native shoreline vegetation acts as a buffer, filtering polluted runoff and trapping excess nutrients before they enter Crooked Lake



and cause unwanted algae growth. Their roots also hold the soil in place and prevent erosion and property loss.

Luckily, there are a lot of resources and funding available to help residents create habitat for pollinators in their yards. Lawns to Legumes is a statewide program created to provide funding and technical assistance to create pollinator habitat on residential properties in support of the rusty patched bumblebee and other at-risk pollinators.

Since the launch of the Lawns to Legumes program, Minnesotans have planted over 725 trees that serve as important early-season forage for many pollinator species and created more than 550,000 square feet of new pollinator habitat! There are many ways to get involved:

- Find Resources Visit the Board of Water and Soil Resources website to learn more and download free resources: bwsr.state.mn.us/L2L
- 2. Attend a Workshop Sign up for a Lawns to Legumes Workshop near you: bluethumb.org/events
- 3. **Apply for Individual Support** All Minnesota residents are eligible to apply for individual mini-grant funding up to \$300. Apply here: bluethumb.org/lawns-to-legumes
- 4. **Map your Completed Project** Share a photo of your pollinator friendly yard and add it to the statewide map here: bluethumb.org/lawns-to-legumes/map-your-completed-project

You have the power to make a difference for pollinators and keep Crooked Lake clean! Planting pollinator friendly plants is a great way to improve lake water quality and attract beautiful nature to your yard, which will have a positive impact on your property value, recreation on the lake, fisheries, and more!

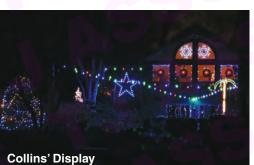
#### **Christmas Light Contest**

## Congratulations to Doug and Catherine Collins and the Prom Family for winning the Great CLAA Christmas Lighting Contest this year! That's right, we had our first tie! Oh my!



Winnings were a gift card to Kendall's, CLAA t-shirt, homemade wood-burned "gold medal" that doubles as an ornament, and possession of the traveling trophy!! Fortunately, they are next door neighbors, whew, and can display their shared award on their shared lot line! Honorable mention went to the Sullivan's...it was so close... We are looking forward to your light displays again this year! Committee will be judging December 14, 2021!

Facebook Likes winner was the Schillinger's, who also received a Kendall's gift card and "gold medal".











#### **Boat Parade**

### We love our Annual Crooked Lake Fourth of July Boat Parade!!













#### **Summer Picnic**

The CLAA Summer General Membership Picnic was held at the Crooked Lake Park shelter near the beach. This year we happily enjoyed picnic food once again, thanks to our gracious sponsors and "the pandemic that must not be named" subsiding a bit. There was plenty of sun and fun for all, including metallic tattoos, bird feeder







building, scavenger hunt and update from our phenomenal CLAA President. Check out some of whom partook below ©!







#### 11th Annual Polar Plunge for Special Olympics!

SATURDAY, FEBRUARY 26, 2022 Plunge Begins at 12:00 pm

Crooked Lake Park
13180 Crooked Lake Blvd NW



Jump into freezing cold water and bask in your generous glory!

The Anoka County Plunge has raised over \$1,677,962 for Special Olympics in its 10 year history!

Thank you CLAA Sponsors!







Cub







#### **2021 World Famous Crooked Lake Ice Carousel**

The perfect COVID-19 escape, compliments of Dan Anderson and team!



# Crooked Lake Rules and Regulations Reminders:

- 1 Pilot boats counterclockwise around the lake for safety.
- 2 Bass fishing is catch and release only.
- 3 Jet skis off the lake 30 minutes before sunset.



#### **Our Lake's Point of View**

Let's have a listen to what our lake has to say. Pictures speak a thousand words!

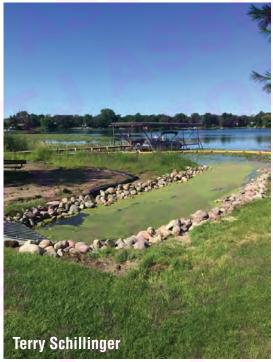
Compliments of your lake neighbors.











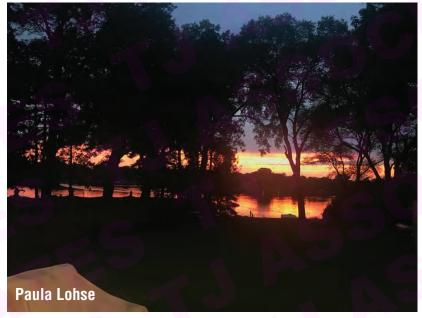














#### CROOKED LAKE

area association

Grant Schmalzer 130 Kerry Street Coon Rapids, MN 55448

Phone: 612-965-4631 gs2175@gmail.com



#### WINTER GENERAL MEETING

Hope you can join us on

#### Thursday, February 17, 2022

Legacy Christian Academy 6:30 pm Social. 7:00 pm Meeting.



The mission of the Crooked Lake Area Association is to act as an advocate of the lake and to establish and promote a strong sense of community among the residents on and around Crooked Lake.

#### CLAA volunteer terms up for re-election

\*\*\*\*\*\*\*\*\*\*\*\*

- President and Vice President
- Quadrant Leaders NE and SW
- Andover City Council Watchdog

They will be elected on 2/17/22

\*\*\*\*\*\*\*

#### From the Treasurer's Desk by Grant Schmalzer

The membership suggested donation amount to the lake association is \$50 per year or \$35 if you live off the lake. You can donate anytime from January 1- December 31st. We are a \$501(c)3 corporation which means that all money donated by you is tax



deductible. If you have **not** sent in your donation for this year (since January 1st, 2021), now is a great time to do so!

If you are not sure if you have made a donation for 2021 or are interested in making an **online donation through PayPal**, send me an email **gs2175@gmail.com** or call **612-965-4631**.

#### **Volunteer Appreciation**

Thank you to the volunteers who take care of Crooked Lake! CLAA appreciates the efforts of our voluteer team. Unfortunately, the traditional dinner will not take place this year. In place of dinner, thank you gifts are being delivered to our volunteers. This lake would not be rated A without your hard work. *Thank you.* 

#### **List of Officers and Phone Numbers:**

<b>Gary Nereson</b>		612-961-0358	President
	Dan Jared	612-280-7054	Vice-President
	<b>Grant Schmalzer</b>	612-965-4631	Treasurer
	Julie Jared	763-229-7457	Secretary
	Melissa Sandeen	763-670-6457	Quadrant Leader - SW
	Katie Grandell	612-702-5127	Quadrant Leader - NE
	Brian Graves	612-282-8803	Quadrant Leader - SE
	Joe Mantel	612-419-7857	Quadrant Leader - NW
	Joel Friday	612-868-6287	<b>Coon Rapids Watchdog</b>
Dan Anderson		763-427-0964	Andover Watchdog

ANNUAL	MEMBERSH	IIP/DONAT	ION FORM
	<b>2</b> 021	<b>2022</b>	

Name:	
Address	
City/Zip:	
Phone:	

#### E-mail address:

 $\ \square$  I'm GREEN...please email me the newsletter next year.

Please include your

Lake Owner Annual donation of \$50.00 or Lake Watershed Annual Membership donation of \$35.00

Coon Rapids, MN 55448

Make check payable to: **CLAA**Send to: **Grant Schmalzer 13021 Kerry Street**