

Cochran Lake Management District

Quarterly Meeting Minutes

March 3, 2021, 7PM

Conference call

Attendees: Rick Dittberner, Maggie Jungwirth, Rick Schwai, Jon Tornberg, Frank Sevcik, Rich Halfpap

The meeting was called to order at 7:05 pm

Old business - Minutes of last meeting approved.

Treasurers Report - Warren J. unable to attend, but sent this report.

Deposits -

Town of Fifield for our lake assessments in the amount of \$1,525.00.

Town of Fifield for collected late assessments in the amount of \$50.

Expenses- \$100 Wi Lakes Assn. dues, \$20 reimbursement to Maggie J. for bulk email software annual subscription.

Secretaries Report - Maggie J. reported that she has not worked on the member survey, it is on hold for now. The open rate for the meeting announcement email was 65%, about 15 people not opening it. She said she would like to get that rate higher. Rick S. suggested calling them and asking if there is a better email address, and he and Rick D. volunteered along with Maggie to do that.

Agenda Item #1 - Annual meeting preparation

What items to bring to a vote at the annual meeting were discussed. Walleye or bass stocking is again on the agenda, and Frank S. suggested asking a DNR representative to present a fisheries advisory. Frank will contact Jeff Scheirer, WIDNR Fisheries, to ask for a presentation, either in-person or sent. After his presentation, we will put species stocking to a vote.

Agenda Item #2 - Boat landing maintenance.

The pier was removed last fall in preparation for repairs and stain/sealing. The goal is to have it ready by mid-April. We need to have an inside workspace for staining temperature. Various locations were proposed. It was decided to call for volunteers and a garage workspace on the Google Group.

We also need a volunteer to arrange for the delivery of gravel fill, and someone to spread it. Maggie J. will follow-up with Sig K. and see if he's willing to coordinate that.

Agenda Item #3 - Wisconsin Water Week convention.

Rick S. attended in the past and encourages someone to attend. It is virtual this year, and the cost is \$20 per day for most sessions. The district will reimburse attendees, they need share their learnings. Rick D. said he was interested in attending.

New Business -

#1 Maggie shared an update from Don S. about the Cochran Lake website. The software code used on our site was incompatible after our host upgraded their PHP, causing our site to crash. He said he was supposed to get some more information in the next couple days. It was suggested sharing this update on the Google Group.

#2 Rick S. asked if we were legally obligated to put out a newsletter. Maggie J. will check if it is required. If it is optional, the consensus was to forgo the newsletter, at least this year. Much of the reports are repeated at the Annual Meeting.

Frank S. asked if all the new neighbors have gotten copies of the covenant. Maggie J. said that Sig and Mary K. volunteered to be the welcome contact. They can share if they have done that at some point.

Motion to adjourn by Rich H., seconded by Frank S. Meeting adjourned at 7:35pm.

Cochran Lake Management District

Annual Meeting Minutes

May 29, 2021

24 Attendees: Chuck Arndt, Jeff/Carlene Bauer, Mike Buckna, Rick/Doreen Dittberner, Rich/Ann Halfpap, Mark Hoppe, Alan/Maggie Jungwirth, Sig/Mary Kaminski, Jay/Jessica Knoke, Phil O'Rourke, Bonnie Salm, Rick/Pat Schwai, Dan/Debbie Scullen, Frank/Nancy Sevcik, Don Tornberg.

The meeting was called to order at 9:00 am

Old business - Minutes of last years annual meeting approved.

Board Reports

Maggie Jungwirth -

- No new neighbors or property transfers since last annual meeting, records are up to date.
- Reported on CLMD emails we have sent this year, highest open rates are around 70%. About one third of members are not opening our District emails. Any suggestions on how to improve district member engagement are welcome.
- It was decided at the last quarterly meeting not to have an annual newsletter. Reasoning was that all the info in the newsletter is repeated at the annual meeting and sent out in these minutes. Any feedback or suggestions for future communications from the district is welcome. Use of the Google group is encouraged, there has not been much activity on it.

Warren Johnson - Annual financial summary

- 2020/21 Report; expenses \$369.87, income \$1,575.51, assets \$8,975.86
- 2021/22 Proposed budget; expenses \$470

Town of Fifield Rep. Bonnie Salm -

Bonnie said she was impressed the turnout for our meeting and said we were doing a great job. Rick S. asked Bonnie if we could have a town meeting at the Pike Lake Fire Station this year. Bonnie said we should request one, Rick S. said we will request it at the June meeting. Pat S. asked for clarification of the payment process for board salaries and expenses. Bonnie says if something is questionable they review it.

Committee Chair Reports

Water Quality - Rick Schwai

Rick S. thanked CLMN volunteers, and reported data on water quality for the past year. They take water samples 24 samples a year, and take weekly water temp, clarity and level readings. 2020 summer was warmer and longer than previous years, which was reflected in lake temps. This resulted in a blue green algae bloom around July 2nd. Lower secchi readings(fewer feet) were a result of the warmer temps, not based on our impact on the lake. The water quality remains above average. Data from the past 25 years has stayed consistent, which shows we have not impacted the water quality. Report is attached. Rich H. asked if the lake was always mesotrophic, Rick said that it was. Doreen D. asked if there were any overall warming trends in the 25 years of records, Rick said no. If there is a blue green algae bloom in the future, we will send out a notice on the Google group.

Adopt-a-Road - Mark LeGrand

Rick D. read a report submitted by Mark. He said the Spring cleanup was completed and thanked the volunteers by name; Sig/Mary Kaminski, Alan/Maggie Jungwirth, Don/John Tornberg, Rick/Doreen Dittberner, Rick/Pat Schwai, Jim/Nadine Filer, Mark/Myra LeGrand. Rick D. said the winner in his section was Miller beer cans. Rick S. said there were many water bottles in their section.

Website - Don Schmitz

Maggie J. read Don S. report which said the was not much to report. He is still working on the new site. Maggie thanked him for his efforts rebuilding the new site. Rick D. said that there is a lot of outdated info on the member directory, and encouraged people to update their info with Don S.

Fisheries - Frank Sevcik

Frank reports he's been catching bass and northern. He sees 10" bluegills off his pair. Sig K. has caught small crappies, thinks there is a large crop of crappies coming. Someone caught and released a 21" walleye. Shocking the lake and netting was discussed. Frank said bass are on their beds now, so avoid catching them. Sig said he thinks the bass population is down. Mike B. asked if we could get the DNR to change the bass daily limit on the lake. Frank S. says he's asked three times. Sig K. thinks you have to put it in writing, and it takes 3-4 years to change. Frank S. said he will submit a request to the DNR's Jeff Sherier.

Old Business -

Sig K. summarized the work done on the pier - taken out, power washed, stained and put back in. He got 1/2 yard of gravel and added it around the slabs in the water and around the pier. Sig and Mary K. paid for the cost of the stones. Rick D. commented on how well the pier has held up.

New Business - Vote items

- Assessments - Warren J. proposed keeping the lake lot assessments at \$25/yr. Mary K. made the motion, Pat S. seconded. Motion passed.
- Budget - Warren J. submitted the proposed budget. Mike B. made a the motion, Carleen B. seconded. Motion passed.
- Fish stocking proposals -

Walleye stocking - Pros and cons to walleye stocking were discussed again. Rick D. suggested the we get recommendations from the DNR. Rich H. said the DNR's advice was that walleyes would not be a self sustaining population. Warren J. asked if the offer by a neighbor pay for the fish was still good, Phil O'Rourke said that his offer still stood. His company would pay for the stocking 500/500yr. larger walleyes without any in kind requirements, they would not fish the lake. Rick S. said that he did not support it. Several people suggested putting perch in as well. Stocking would need to be DNR approved. Phil O. said that when asked last year, the DNR had approved it, but he would check again to see if it would be approved. A proposal was made for private funding to pay for stocking 500 medium sized WI walleyes the first year, and 500 perch the next year, including DNR fees, pending DNR approval, at no cost to the CLMD. Phil O. made the motion, Rich H. seconded. Motion passed by show of hands.

Small mouth bass stocking - Rick D. read Jason Probst's report earlier in the fisheries discussion. Jason P. got a quote of \$2.30 each for 3-5" fish, available in the fall from Dodgeville, WI. We would need about 1,000. Recommended to commit to 3 years in a row of stocking and add fathead minnows, \$1,000 for feed. Total price approx. \$3,300/yr. for bass and minnows. Would need DNR approval, Jason P. would apply for.

Tiger musky stocking would not add value over the presence of northern pike in the lake. Would not help reduce bluegill population.

Warren J. asked for a motion to stock small mouth bass. No motion was made, so no vote on the item. No interest at this time.

It was reiterated that we will work with the DNR to try to get a revised recommended daily bass limit, Frank S. will submit paperwork. CLMD has no authority to decide or enforce catch limits. If violations are seen, we should report it to the DNR tip line.

The lock on the boat landing gate was unlocked that day. Dates of locking were thought to be Memorial Day to Labor Day. Reminder to keep the gate locked.

Election of board member

Warren Johnson's three year term is up at this meeting. Rick D. asked for any nominations. Hearing none, Warren volunteered to serve another term. A proposal was made to elect Warren J. to another term. Frank S. made the motion, Mike B. seconded. Motion passed.

Other business - None.

Motion to adjourn was made by Ann H., Don T. Meeting adjourned at 10:07.

Submitted 6/3/21 by Maggie Jungwirth, CLMD Board Member

2020 WATER QUALITY REPORT

In 2020 we participated in the Citizen Lake Monitoring Network, CLMN, program for the fourth straight year. This program combines Secchi readings, Temperature readings and water samples gathered by us with Phosphorus and Chlorophyll analysis performed by the State Labs in Madison, WI. The following is a summary of this program.

2020 Results

Compared to 2019, the summer of 2020 was much warmer and longer. During Q2 and Q3, there were 11 weeks with temperatures above normal compared to 5 weeks in 2019. Lake water temperature readings reflected the warmer air temperatures. The highest recorded water temperature in 2019 was 80.4 degrees compared to a 2020 high of 82 degrees. In fact, on July 2 the lake experienced a Blue Green Algae bloom after 8 consecutive days with temperatures far above normal and very calm winds. During this period the lake temperature rose 9 degrees followed by the Blue Green Algae bloom. The lake water also stayed warmer longer. At the end of August the 2020 readings were 2.5 degrees warmer than 2019.

In 2019-2020 the lake had 165 days of ice over. In 2020-2021 the lake had 129 days of ice over. In fact the Ice Out date of 03/30/2021 was only the fifth time in 25 years that Ice Out occurred in March.

Secchi readings tend to vary inversely to water temperature. Therefore, the warmer the water the smaller the Secchi readings. In 2019 the lowest Secchi reading was 9.25 feet while in 2020 the lowest Secchi reading was 8.0 feet. Therefore, you should have noticed that the water was less clear but warmer in 2020. Overall, the Secchi readings were consistent with past years.

The Phosphorus Readings and Chlorophyll readings in 2020 continued to be in the standard range for our type of lake and better than the average for lakes in the Northeast Georegion of Wisconsin.

CLMN Official Results

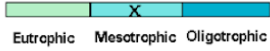
The CLMN official results were as follows:

Cochran Lake - Deep Hole was sampled 24 different days during the 2020 season. Parameters sampled included:

- water clarity
- temperature
- dissolved oxygen
- total phosphorus
- chlorophyll

The overall Trophic State Index (based on the chlorophyll) for Cochran Lake - Deep Hole was 43. The TSI suggests that Cochran Lake - Deep Hole was mesotrophic. Mesotrophic lakes are characterized by moderately clear water, but have an increasing chance of low dissolved oxygen in deep water during the summer.

Cochran Lake - Deep Hole 2020 Results



Cochran Lake - Deep Hole was sampled 24 different days during the 2020 season. Parameters sampled included:

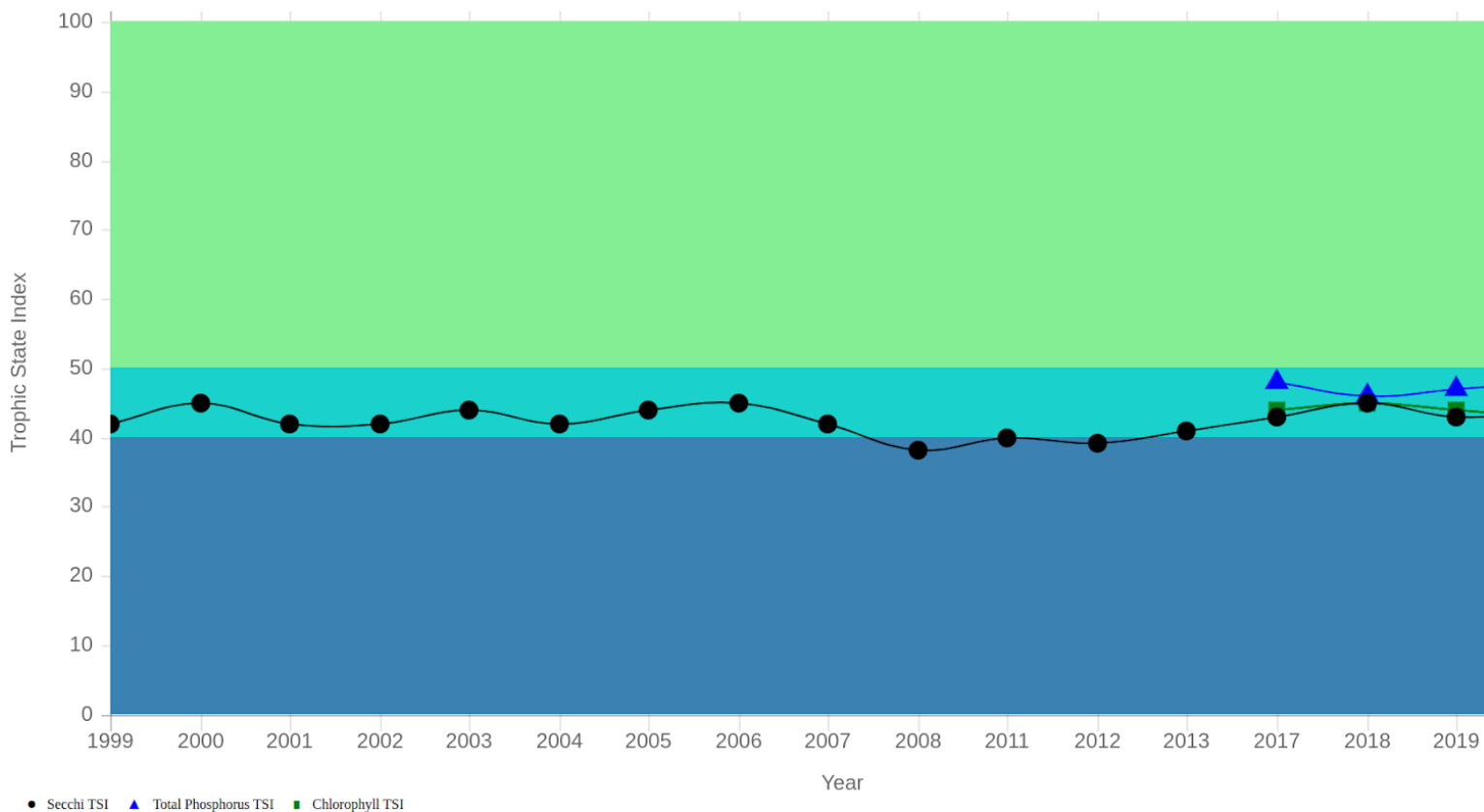
- water clarity
- temperature
- total phosphorus
- chlorophyll

The average summer (July-Aug) secchi disk reading for Cochran Lake - Deep Hole (Price County, WBIC: 2264000) was 9.88 feet. The average for the Northwest Georegion was 8.9 feet. Typically the summer (July-Aug) water clarity was reported as **CLEAR** and **GREEN**. The green normally suggests a lake impacted by algae. However, since recent summer chlorophyll readings average less than 9 µg/l, this lake may have been impacted by another factor such as suspended marl. An example of this is Clark Lake in Door County.

Chemistry data was collected on Cochran Lake - Deep Hole. The average summer Chlorophyll was 2.9 µg/l (compared to a Northwest Georegion summer average of 15.5 µg/l). The summer Total Phosphorus average was 1.2 µg/l. Lakes that have more than 20 µg/l and impoundments that have more than 30 µg/l of total phosphorus may experience noticeable algae blooms.

The overall Trophic State Index (based on chlorophyll) for Cochran Lake - Deep Hole was 43. The TSI suggests that Cochran Lake - Deep Hole was **mesotrophic**. Mesotrophic lakes are characterized by moderately clear water but have an increasing chance of low dissolved oxygen in deep water during the summer.

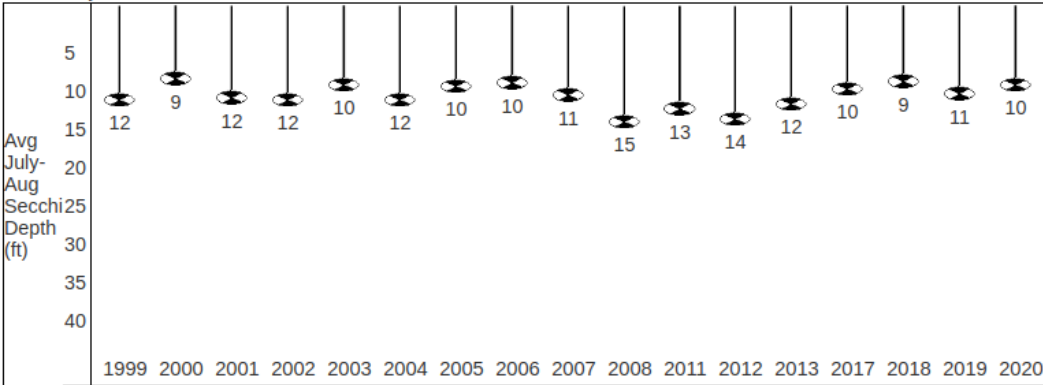
Trophic State Index Graph Cochran Lake Deep Hole



● Secchi TSI ▲ Total Phosphorus TSI ■ Chlorophyll TSI

Cochran Lake
 Price County
 Waterbody Number: 2264000

Lake Type: S
 DNR Region:
 GEO Region:



Past secchi averages in feet (July and August only).

Year	Secchi Mean	Secchi Min	Secchi Max	Secchi Count
1999	11.7	9.5	13	5
2000	9	7.5	12.5	4
2001	11.67	11	12	3
2002	11.75	11.5	12	2
2003	9.83	9	10.5	3
2004	11.75	11	12.5	2
2005	10	9	11	2
2006	9.5	8	11.5	3
2007	11.25	10	12.5	2
2008	14.75	14.5	15	2
2011	13	11	15	2
2012	14.33	14	15	3
2013	12.33	10	14	3
2017	10.41	7.5	13	8
2018	9.46	7.75	11.25	6
2019	11.03	9.25	13.5	8
2020	9.88	8	11.25	8

Cochran Lake Management District

Quarterly Meeting Minutes

September 1, 2021

Conference call

Attendees: Rick Dittberner, Maggie Jungwirth, Warren Johnson, Rick Schwai, Jon Tornberg, Sig & Mary Kaminski, Rich Halfpap, Jeff & Carlene Bauer, Don Schmitz, Phil O'Rourke

The meeting was called to order at 7:03 pm

Old business - Minutes of last meeting approved.

Secretaries Report - Maggie J. reported that she will renew/update the government units survey for the U.S. Census Bureau.

Treasurers Report - Warren J. reported our balance is \$8,855.40. This quarter expenses were \$149.87 for web hosting, which has been paid for, and the cost of the stain for the boat landing pier - \$50, reimbursement for Rick D.

Agenda Item #1 - Proposal for ad hoc committee to investigate lake weeds
Rick S. noted that there are an excessive amount of weeds this year, and suggested the formation of a group to study the situation and report findings. Several people commented that they agreed the weeds were excessive, and speculated on possible causes. Warren J. said Sandy from the DNR said we would either have weeds or algae, one or the other eats the available food. Types of weeds we are seeing was discussed. It was suggested to use WI Lakes Partnership as a resource. The question came back to approval of forming a committee to try to learn possible causes and if anything can be done to prevent/reduce the amount of weeds. The committee was approved. Sig K. and Rick D. volunteered to be on it. Rick S. will provide the water quality data. Mary K. suggested contacting Stan K. for images and weed survey info.

Agenda Item #2 - Fall road clean-up

Mark L. reported that the fall road clean-up email will be sent out mid to late September. He thanks everyone in advance for their help.

Agenda Item #3 - Update on walleye stocking

Phil O. reported on his efforts to contact suppliers for stocking. Fisheries have gone out of business or not returned calls. The DNR application is ready to go, except for the name of the fishery. It was suggested putting minnows in the lake for food, but the point was made there was enough small fish for food. Phil said Jeff from the DNR suggested splitting the walleye stocking into two years instead of one to stagger growth years. Instead of walleye the first year and perch the second, as approved at

the annual meeting, we will split the stocking as recommended - half walleye and perch the first year, half walleye and perch the second year. Phil O. said he will follow through and make this happen. Contact Phil if you have any leads on a hatchery supplier.

Authorized weed killing chemicals were discussed again. Rich H. said the bulk of the weeds are Illinois pond weed and large-leaf/cabbage weeds.

New Business -

#1 - Maggie J. made a pitch to use non-lead sinkers, and encouraged asking retailers to stock more of them.

#2 - Warren J. reported getting a letter from WI Lakes requesting donations beyond annual dues. Pros and cons were discussed, the board approved giving them \$50.

Motion to adjourn by Sig K., seconded by Rich H. Meeting adjourned at 7:37pm.

Submitted by Maggie Jungwirth, 9/4/21

Cochran Lake Management District

Quarterly Meeting Minutes

December 2, 2021

Conference call

Attendees: Rick Dittberner, Maggie Jungwirth, Warren Johnson, Jon Tornberg, Don Tornberg

The meeting was called to order at 7:05 pm

Old business - Minutes of last meeting approved.

Board Reports -

Maggie J. reported that the WI Lakes convention is in April, 2022. The board agreed that CLMD will pay for attendance for anyone who wishes to attend.

Warren J. reported our balance is \$8,755.49 as of 10/31. This quarter's expenses included the \$50 donation to WI Lakes Assn.

Agenda Item #1 - Walleye stocking update

No new updates from Phil O'Rourke.

Agenda Item #2 - Preliminary report from weed committee

No report yet.

New Business -

No new business.

Motion to adjourn by Rick D., seconded by Warren J. Meeting adjourned at 7:15pm.

Submitted by Maggie Jungwirth, 12/4/21