

DATE: Sat, Nov 20, 2021

TIME: 8:40 AM

LOCATION: Corrina Town Hall



MEETING MINUTES

Call to Order

- **Directors Names:**

- Stan Tekiela Secretary, Doug Lawman Vice Chair, Amy Young, Steve Huesman Treasure, Swenson Chair, Kathleen Poate,
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- **Directors Not Present:** Dan Saurer,

- **Visitor:**

Meeting called to order at 8:40 by Greg.

Approval of Previous Minutes

Meeting minutes from Oct meeting. No changes or questions. Motion to approve by Doug and second by Steve and was passed by all.

Treasures Reports

Beginning balance Oct 1st \$12,057.24

3 expenditures in the month of Oct \$108.70

Balance of \$11,948.54

Kathleen reports that we received a \$1,000 for spraying of CLPW from Wright County Soil and Water.

Motion to approve by Doug and second by Kathleen all approved.

Unfinished Business

Dan from LimnoPro reports. 2022 lake management proposal

Survey, treatment, summer treatment, sonar survey, nutrient budget.

Point intercept survey should be one every three years.

Native Plant transplanting, carp management.

History of water level over time. DNR does lake level monitoring.

Dan recommends that we get a water level logger that costs only about \$300. He will send link for us to purchase this.

LVMP (variance from treating more than 15% of the lake surface area). Need budget to support asking for this variance.

Management goals

Improve water quality by reducing phosphorus incoming into the lake

Reduce curly leaf pondweed

Reduce nuisance native plants

Increase low growing native plants

Maintain or improve fishery

Dan explains that treating CLPW will only take care of the problem for the year that it was treated and that it doesn't help for a year-to-year control. So, if we didn't spray as much we won't be losing ground in the fight against CLPW. He compares the chemical treatment as a chemical lawn mower. It doesn't kill off the entire plant.

CLPW germinates in the fall. He is part of a study on another lake that is treating in the fall to see if it helps in the spring to control the plants or kill the plants. Using a contact herbicide to kill the plant. He will report back to us on the results of this experiment on another lake.

Since 1990 the phosphorus levels have been significantly above the levels of what a impaired lake level.

The high levels of phosphorus leads to increased chlorophyll which clouds the water clarity which is measured by secchi measurement. All of this is indicating that we are on the impaired water list. The problem is that Mink Lake is considered a deep-water lake when clearly it is NOT.

As we increase the phosphorus in the lake the clarity goes down.

Phosphorus is stored in the sediment in the bottom of the lake and also comes into the lake via streams and runoff and also comes in via home owners with lawn clippings, fertilizer and run off.

Mink and Somers have a relatively small watershed district.

Plan would be to identify the pour points that come into the lake. At each of these spots the water incoming needs to be tests to find out how much phosphorus is coming into the lake.

The lake management plan identifies all these pour points that will need to be tested.

The nutrient load testing is the backbone to the Lake Management Plan.

Dan identified 4 major point sources coming into Mink lake. Non for Sommers. One of these is the limestone filter.

Dan estimates 3 to 5 years to gather data, apply for special project grants and then take action. We need to set our expectations based on this timeline.

Its important to understand that spraying for CLPW is just maintenance and won't fix anything.

Clear direction was given to Dan to move forward with the nutrient budgeting plan and also for spraying for CLPW next spring.

New Business

Will need to update the platform for the web page. The web page was updated but we will need to address the platform issue in the next couple years.

Will we have a meeting in Dec? Only Kathleen is unable to attend. Dec 18th.

Old shed on Tim Crimmons

11 x 12 storage room at \$89 per month. 4 aerators and all four worked. The storage unit is at KO storage halfway between Maple Lake and Annandale.

Kathleen is thinking about storage of paper docs that need protection from fire. We are talking about scanning all doc and storing on google docs. We have other papers showing the history and everyone feels strong that it needs to be stored in metal cabinet to protect from fire in addition to scanning.

Adjournment

Motion to adjourn by Amy and second by Doug at 11:13am. All approve.

SECRETARY APPROVAL:
(Signature & Date)
