

June 19, 2023

Meeting #1 with Sauk River watershed

Present : John R., Ed, Tyler, Dave Vic, Charlie, Harry, Debbie

items talked about:

Watershed is contributing 25% in the phosphorus

Internally in the lake is 35%

Algae problem- plant that grows and releases phosphorus which then in return causes a severe algae bloom, also water temp warms and when curly leaf dies off in the end of June/July decays and release phosphorus

Shallow water

there is a updated 2023 TMDL (Total Maximum Daily Load) copy coming

Focus in the lake/shoreline needs to be addressed 1st

local soil and water are working on contacts with land owners on nutrient loading

Lake shore

stable buffers, no mow zones, shoreline restorations, encourage 10 feet of native grass, roots grown deep and have wash off

Sediment pond that would help filter into the lake would be an option to discuss

Pearl Lake needs to obtain data and provide all of the data to the watershed to keep on file to see records of need or improvement.

LID could be developed however the watershed could achieve the same outcome and help with a lot of the paperwork and researching along the way. The govt is also not open to county levels for developing LIDS at this time. You also need a local government of representation for the LID.

Water quality recordings

-Secchi dish recordings

-transparency tables

alum treatment would be highly recommended if every parcel had a filtered yard because it only helps 25%. estimated cost is about \$2000. per acre and last roughly 5-10 years.

create a 5 year plan

research water oxygen levels

Will consult with watershed monitoring specialist.. Specialist will keep records, submit water samples to watersheds lab. Approx fee \$1200-2000.