

Town of Sharon Lake Management Committee
Minutes of 4/19/2022
Meeting Held via Zoom

Present: Colin Barbera, Debbie Tatro, Ken Hyman, Stan Rosen, Laura Russell, Other
Attendees: Gary Bluestein, Eric Hooper.

VOTES

Approve the minutes of 3/22/22 meeting: All Yes: Stan, Debbie, Ken, Colin, Laura

Debbie nominates Laura as Chair, Colin second. All Yes: Stan, Debbie, Ken, Colin, Laura. Laura thanked Colin for his months of service as Chairperson.

Laura nominates Debbie as Vice Chair, Ken second. All Yes: Stan, Debbie, Ken, Colin, Laura

Motion, Stan: Rotation for secretary, among those that can, Ken second. All Yes: Stan, Debbie, Ken, Colin, Laura

Laura update from Fred: LMSC can't approach organizations for donations, Select Board must do this. Gary comment: Rec gets donations all the time. Donator sends letter to Rec Advisory, Rec Advisory makes a recommendation to Select Board for approval. Rarely not approved. Colin comment: Help with lake was offered at a ConCom meeting, not really a solicitation. Laura will seek clarity on process when a need may match a potential donor priority for the future.

Motion, Stan: To have nomination and election of officers for one year terms, at March meeting each year, Laura second. All Yes: Stan, Debbie, Ken, Colin, Laura

Motion, Laura: Enter into MOU with NepRWA, Stan second. All Yes: Stan, Debbie, Ken, Colin, Laura

Motion, Stan: To approve ESS optional services \$3,905 for weed mapping, chlorophyll a, Cyanobacteria identification; Debbie second: All Yes: Stan, Debbie, Ken, Colin, Laura

Laura update: 2nd bid on DASH today from Pristine Waters, comparable to NEAS full bid of \$36K, but higher rate before quantity discount results in higher cost for budgeted level of service. Asked Eric if DPW pickup of bagged weeds preferable to dumpster w/o bags, Eric said yes. To schedule for late August/early Sept.

Motion, Laura, Stan second: Approve \$20,700 to NEAS for 9 days DASH team by Matt Vogt, with \$3,000 out of this years' FY 22 budget balance to supplement FY22 Reserve Fund of \$17,700. All Yes: Stan, Debbie, Ken, Colin, Laura

G&L: Under \$10K, so written contract not needed; BOH and Rec Dept bill separately and we can do the same. See price quote for phosphorus testing. Based on early and successive ESS test

results, we may add some additional water quality indicators or nutrients to G&L labs, or shift some of this to further ESS cyanobacteria testing.

Motion, Laura: Up to \$5895 to initiate testing for phosphorus with G&L Labs (\$45/sample), and potential to include other analytes, Debbie second. All Yes: Stan, Debbie, Ken, Colin, Laura

Motion, Laura, Colin second: Increase reimbursement to Debbie for website hosting and domain expenses from \$175 to \$283.40; she was able to add a second year at a discount.

Motion, Colin, Ken second: Chair can approve miscellaneous expenditures under \$200, and notify Finance Director re same.

DISCUSSION ITEMS

Comment, Debbie: Need to gather information from DPW in order to coordinate/help with storm water testing.

Comments, Eric: Not all outfalls shown on the map do discharge into the lake. Peter and Kevin understand better the situation than him. Some are tied into the pipe to the rotary. Some have been blocked off. Not necessarily all of them come into the discharge channel. Eric notes that the rules for storm drain wet water testing are very restrictive, so nearly impossible to meet requirement: so much time after the start of the rain, certain period of dry before it rains, etc. Since it is so difficult to meet wet water samples criteria seems it will be difficult for LMSC volunteers to help with this sampling. Laura noted MYC offered to assist with motor boat if needed at a time it is not in use and a qualified MYC boat operator is available to volunteer.

Eric reported the gauges have been installed at the entrance and exit of the Flume House. Inflows were never instrumented before. Could be done at Sucker Brook and lagoon. Relying on equations to calculate flow, so at best an estimate. True water balance study cost: \$100K+.

Pressure transducers, \$500-\$750 range. Last a long time. Battery replacement need to send back to factory, cost nearly as much as the pressure transducer. Measures pressure of the water over the cigar-sized transducer. U Mass Dartmouth Marine Science could do a study of the lake. They get paid but it's a classroom study. Laura noted Lake Boon used them to simulate impact of anoxic and temperature changes on lake sediment samples release of phosphorus.

Weather station- under \$1000: wind speed, rainfall, barometric pressure, temperature. Or Rainfall only- double sided spoon, teeter totter. Spiders clog up collection device. Eric can see if they still have it and it can be operational.

Frequent measurements at Flume House gauge, previously every six minutes = 10 per hour, too much data, overwhelming. Also, disk rewrites itself and data lost if not downloaded frequently. One advantage: catches sudden rain events. Ken: Hourly seems suitable, easier to analyze. Eric will contact Josh and plan instrumentation and collecting data.

Eric left to attend another meeting.

VOTES

Motion to accept changes to Warrant Article, Stan; Laura second. Laura said she reviewed name change and misc. additions with Peg, who will present to ConCom 4/21, and we will share with other boards and committees. Fred said printed marked copy will be handed out at ATM.

Throughout the warrant: Lake Management Advisory Committee changed to Lake Massapoag Advisory Committee. Benefit, Laura: easier to identify, documents automatically tagged for Lake Massapoag in search functions, etc. Comment, Stan: Does removing management from name takes away description of what we do? Laura: duties spelled out.

Other small additions to duties 1), 2) and 6), and a new final section, "Report to the Conservation Commission, Select Board, Planning Board, and Recreation Advisory Commission at least once or twice a year on findings, activities and plans of the Committee." Ken supports additions, good to be inclusive as it's been over 50 years since the Article was passed.

Laura checked her email and shared one just received from Fred, who added two suggestions from Town Counsel: 1) to specify staggered terms in the introduction, and 2) add a new section, "The Committee may, by majority vote, adopt rules and regulations not inconsistent with its duties, and post said rules and regulations on their website and file them with the Town Clerk." He also suggested specifying a starting date of June 1 or July 1.

Debbie and others noted this may be controversial with other boards and committees, should we recommend the adoption of rules and regulations instead? Stan advised to add it per recommendation of town counsel and see what the response is. Ken suggested omit the double negative, and change to "regulations consistent with."

Attached is the marked draft with all of the above additions, which Laura will submit to Fred for further review, and guidance on his question whether these should take effect June 1 or July 1. Stan left the meeting at 1:26 pm,

Comment, Laura: down the road need to consider: 1) Lake testing in Con Com staff job description, or 2) LMSC needs paid staff for testing. Gary: Odd that Sharon doesn't have lake testing (except *E. coli*) in any job description. Look at what other towns do.

Next Meeting: Those still present could attend the following dates, and will poll others re Tuesday May 10, noon or evening. Alternate date: Thursday May 12, noon or evening. Will ask which time is better for Josh Philibert, other town staff, and members not present to attend.

Meeting adjourned at 1:40 pm

Attachment: Edits to proposed Warrant Article.