

New Durham Community Room 6:30pm

Present: Mike Hudon, Maureen Knepp, Bill Meyer, Keith Barnard, Casey Buell, Mike Gelinas

Absent: Fred Quimby, Penny Meyer

Maureen opened the meeting at 6:35pm

Minutes: The Minutes of the Meeting held May 17, 2023 were reviewed. Bill moved and Keith seconded a motion to accept the minutes as written. The vote was unanimous.

Old Buisness:

1. Select Board Minutes of June 13, 2023 read: B. Nomination for Appointment – Michael Hudon
New Durham Water Quality Commission Town Administrator Zoltko confirmed the Water Quality Commission supports the nomination for Mr. Hudon to the committee. MOTION: To nominate Michael Hudon for appointment to the New Durham Water Quality Commission. Motion by Chair Swenson. Second by Selectman DeCoff. Motion passed 3-0-0.
2. Water testing schedule & equipment & results:
 - a. Keith had forgotten to bring DO meter to Fred, Fred supplied a Mixer to the tub of equipment. The Van Domer hoses were replaced last year and usually last several years before being replaced. The outside hose of the horizontal sampler is dry rotted and needs replacement. Mike G will look into this.
 - b. Mike G noted that the DO % got down to 1 in Marsh and 12 in Jones Pond this week. He also notes the Sechi Disc decreased in Jones.
 - c. Bob Craycraft emailed: I reviewed the data sheets and everybody seems to be collecting the meter readings accurately and the measurements make sense. Each lake included the surface water measurements (0-3 meters) that are part of the standard sampling through the year. There were bottom samples from Downing Pond and Marsh Pond as well that provide insight into the difference between the surface and bottom depths. A couple of years ago we consistently collected both surface and bottom water samples on each sampling date and those data are useful. However, when the lakes are not stratified, it is not as important to collect the bottom samples which could save a bit of money (@12/sample) in analytical cost for the total phosphorus analysis. Last year, we collected bottom samples from all ponds in August but restricted the bottom sampling to Jones, Marsh, Shaws and possibly Marsh Ponds other times, when the lakes were stratified. from a budget standpoint, and practical standpoint (when the lakes are not thermally stratified the surface and bottom results are generally similar) the bottom samples may not always be needed.
 - d. In terms of labeling, most samples were well labeled with the lake, site, date and depth but it would be useful to make sure all samples include the sampling depth.
 - e. **Action:** Agreed that unless the DO is <30% near the bottom a sample is not indicated. We will all test all lakes in the month of August a bottom sample. No need to do bottom samples unless anoxic.

- f. Fred was gracious enough to look microscopically at samples. Marsh Pond deep 940 Planktothrix cells per mL; Jones Pond deep -no cyanobacteria seen. Should there be a positive >70,000. Bill volunteers to bring the sample to DES in Concord.
3. Milfoil: Due to poor weather wind/rain Mike G has not gotten out to paddle Club Pond. – pending. DES seen mapping on Downing Pond
4. S319 Project: No action till decision is made on Dam reconstruction? August +/- 1 year.
Action: tabled till decision is made.
5. Fish Hatchery Update: Fred sent 75 page “Hatchery Modernization Development & Effluent treatment Alternatives Evaluate dated 2/28/2023. It proposes:
Alternative 1 – Reuse of existing rearing units with aquaculture upgrades

Alternative 3 – Addition of a new circular rearing tank building with 95% water recirculation and aquaculture upgrades

Additional Considerations – Re - purposed approach to meeting statewide production and stocking goals.

Decision maybe in August, 2023. No public meeting has been called for as yet.

6. Budget – Keith to meet with Nicole and/or Fred- pending

New Business

1. Beaver Activity on Foxy Johnny stream blocking culvert to Downing Pond. Fred contacted Alan Hanscom of NHDOT and he had the manager check it out NH F&G tore the dam apart.
2. Septic System Workshop attended by Casey, Maureen and Mike G was very helpful. Building /Health Inspector was to present new Health ordinance but canceled at 10am this morning. Also changed date of presenting to the public from June 24 to July 15, 2023 do to conflict in community room schedule. Merrymeeting lake is still in process of being surveyed. Maureen presented the grafts of results of Shaws, Chalk, March, Merrymeeting river N-S, and Club Pond and Ela River after going through town files and DES one stop web site. Casey and Maureen have worked at least 4 hours a week for last 6 months on this project. Many unknowns.

Adjournment was called for at 7:27pm with next meeting scheduled for July 12, 2023.

Respectfully submitted,

Maureen Knepp Co-chair