**DRAFT**

**Minutes from the September 15, 2020**

**Wolfeboro Waters (WW) Meeting**

**COVID-19 Meeting – GoToMeeting**

**Members in virtual attendance:** Linda Murray, Kathy Barnard, Warren Muir, Rich Masse, Abigail Adams, Mike Turner, Paul O’Brien and Marie Durgan, Recording Secretary.

Member absent: Matt Sullivan, Mary DeVries, and Art Slocum.

1:00 p.m. Linda Murray called the meeting to order.

1. The August 10th minutes were approved with 2 corrections.
2. Warren discussed the Assessing Subcommittee. Sampling has continued at various sites. Abby is doing a great job. There is a variety of sampling including sediment & core sampling. There hasn’t been any cases of Cyanobacteria in Winter Harbor this summer. There have been mitigation measures such as the work on Partridge Drive. A number of locations in Lake Winnipesaukee have had Gloeotrichia outbreaks. The Gloeotrichia levels didn’t go higher. Warren said it has been very valuable working with Bigelow Labs. This summer there has been a noteworthy increase of significant biological growth. Warren wants to know about all this gunk and what’s driving it. It is not what we have had in the past. The range of cyanobacteria is important and the 4 most significant types are important to study. The characterization of these types should be done next year. Warren talked about a portable device to measure broad spector analysis of the water bodies. The price for this equipment is around $8,000 for the portable device and $3,000 for chemicals and minor supplies. Bigelow is specialized in cyanobacteria types which would include the 4 most important types that we would follow. He mentioned there may be a significant increase in price because of COVID work that would use this equipment if we wait until next year to get it.
3. Rich asked who will use it. Warren said 1-2 people initially. Warren wants to expand the Assessment Subcommittee. He would like himself and Andra trained. Rich asked Warren to elaborate on the use of the device in Town. Warren said it is to assess risk and share knowledge with the lakes associations.
4. Paul asked about rationally apportioning testing capabilities across our waterbodies. Warren said there would be type analysis in Winter Harbor this year and next year in the other lakes. Paul asked how many tests in Lake XYZ, and how many tests in Lake ABC. Other lakes will be a year behind Winter Harbor. Warren said there will be noteworthy bacteria and broad spectrum DNA analysis. Paul asked if Warren finds something nasty being cyanobacteria what is the flow of action. Warren said the State would issue an advisory. There are cyanobacteria observers. Sometimes there are no blooms for example with Picocyanobacteria. Paul asked what toxin should we be testing? Warren said there has been some toxin testing this year but no level of concern.
5. Abby mentioned caring about all the lakes. She asked what is the turnaround time? She talked about the phosphorus issue from the runoff of organic material also from blown leaves and grass cutting.
6. Rich talked about phosphorus and chlorophyll .He talked about bottom sampling. He mentioned Lake Wentworth participates in the Lakes Lay Monitoring Program with Bob   
   Craycraft. Rich asked how do we use the information we get? Is the intent to predict blooms, do preventative mitigation? Warren said the existence of a concentration over time would be known and we would be on the lookout for toxins associated with the concentrations. Warren asked what is it that drives the concentration of cyanobacteria of concern above 8 milliliters? Warren said the amount of soluble reactive phosphorus from the Partridge Drive area has been cut down. He is tracking progress from our mitigation. What is it we can easily measure and add to supplementary information?
7. Mike Turner (Second Wind) was wondering about the data collection. He asked if the State could help us. He doesn’t want us to reinvent the wheel. Warren mentioned

the topic of the international conference held at Lake Sunapee in June 2020 was to look at the sediment to see what’s going on. No cyanobacteria advisory in Sunapee has ever been issued yet. How localized is this? Sediment measurements going out from the shore how localized and different are they?

1. Kathy asked where is the equipment going? Warren mentioned he has the gopro camera the Town bought and some other small things. Warren said this would be a gopro camera on steroids. A list of the equipment will be submitted to the Town. Kathy asked who in the Town is going to be trained? Warren said members of the Assessment Subcommittee would be trained such as Abby, Andra and Linda and others that you folks are aware of. Town staff members could also be trained.
2. Paul talked about some people having a penchant to look for outcomes. The data informs directly. Warren mentioned traditional measures report that compared to 2 years ago there are double the nutrients going into Winter Harbor. What other measures have been added represent truly important issues of the health of our lakes.
3. Linda mentioned the criteria being used to measure cyanobacteria. This could better identify them.
4. Abby mentioned this could target where the mitigation should be. She mentioned the warming temperatures from her dock in Tuftonboro which is close to The Broads.
5. (Second Wind) Mike mentioned reagents.
6. Linda made a motion seconded by Kathy to use this years’ money for the equipment. $3,000 from the Assessing Subcommittee and $4,995 from the Communications Subcommittee. There were 5 yes votes. Rich and Paul abstained. The motion to buy the equipment, a portable device to measure broad spector analysis of the water bodies passed.
7. Paul talked about the Communications Subcommittee. They are an editorial board. Members have chosen water bodies to report on. The Communications Subcommittee is a repository for information. He talked about grabbing content from other people. He mentioned the Town has hired a savvy web person in Beverly Woods. Paul talked about Elissa Paquette writing an article for the Granite State News about Wolfeboro Waters. He mentioned a flyer, sign me up and the budget mechanism for next year. Events that have happened recently were the sewer pump station equipment failure on Elm Street and the mitigation effort. The results have been fine. The other event he mentioned was the equipment switch failure of the Sewall Road pump station which resulted in someone’s basement that had to be cleaned.
8. Kathy talked about the Mitigation Subcommittee. She and Rich have met with Matt Sullivan. The stormwater management regulations will have to be dealt with by the new planner. There will be a CIP supporting Port Wedeln stormwater issues for 2021. Dave Ford is doing the CIP sheet. Mike Turner & Kathy will be working on a publication for private property owners.
9. Linda mentioned that the funds for the Assessing, Communications and Mitigations

Subcommittees should come out of a line item in the operating budget under the Executive Budget like the funds for the Milfoil Committee. She also mentioned a CIP for matching funds for a 319 Grant.

1. Warren mentioned 3 or 4 more leaflets to stimulate private citizens. Mike Turner mentioned Lake Wentworth Association has brochures. He talked about leaflets with generalized things, simple things you can do as a private citizen. People can also be referred to NHlakes.com
2. Warren talked about pamphlets for shore owners, landscapers and boat folks. Warren proposed the Mitigation Subcommittee budget be increased. Linda said make it $2,000. Mike said it should be a higher amount than $1,000. Kathy agreed. She said they will work on one pamphlet this fall.
3. Linda said a line will be added to the Executive Budget of the operating budget for $18,650, as follows: Assessing Subcommittee $10,000, Communications Subcommittee $6,650, and Mitigation Subcommittee $2,000. Marie will send an e-mail to Amy with the figures.
4. Warren talked about finding an interested Town employee. Linda said she would ask Jim because he knows the job descriptions and the workloads of the Town employees.
5. Rich said he would ask Julie Brown for a name.
6. Warren said he would follow up with Art Slocum.
7. Linda said she would follow up with a staff person.
8. Warren said all the Assessing Subcommittee members will be trained on the equipment which includes Linda.
9. Linda asked if there was any other business. Warren mentioned getting Sargents Pond covered for 2021. He mentioned someone in a row boat could take a sample or two. Linda said maybe someone from water treatment.
10. Next meeting date will be Monday, October 19th at 1pm.
11. A motion was made to adjourn by Kathy and seconded by Rich. The meeting was adjourned at 2:30 pm.

Respectfully submitted,

Marie Durgan