

**Town of Chesterfield  
Watershed Sub-Committee  
Meeting Minutes  
February 3, 2022**

Present – Bayard Tracy, Ron Coburn, Charlie Paquette, Brad Roscoe and Dan Syvertsen

Absent – Kelli Hanzalik

Brad called the meeting to order at 9:32 AM

Charlie moved to approved minutes, Ron seconded. Minutes accepted as written, passed unanimously.

**Testing Program**

Bayard provided a special thank you to Chris Oot for all the work he and Peter Holton have done to provide the committee with data, plans and being the primary communicator between the committee and all the parties involved in testing.

Chris Oot reviewed minor revisions from last meeting and we are still waiting on feedback for the VLAP testing program.

Samples were taken in January for chloride and conductivity on 5 of the 6 proposed sites. Route 63 #3 was frozen and unable to get a sample.

Chris discussed a new contract to rerun the model to look at the phosphorous loading using data from 2018 until now. Up to \$3200 to rerun the model with the new data.

Cost estimate for 2022 testing has been provided and it includes winter testing, all new sites and times as determined by the committee. Total cost estimate is \$7,600. This does not include the price for testing phytoplankten. Bayard discussed the possibility of the SLA having the ability to cover the cost of testing in 2022.

FB Environmental recommends testing for total carbon and total nitrogen at all locations. It is expensive so SLA has only been testing these at the deep spot. Chris has asked FB why they suggest doing this at all sites and we are awaiting an answer This could increase the cost estimate.

All historical data has been entered into an Excel spreadsheet and with the use of pivot tables it gives a fully accessible database. Bayard discussed the importance of having this data and it can be used to lead our decisions now.

Current plan, pending town approval of the budget, is for the SLA to take the lead on the testing program with costs being covered by both the Town and the SLA.

### **FB Modeling Contract**

Brad reviewed a contract from FB Environmental for work up to \$3200 to update the model with the data collected since the model was last run in 2017.

It is broken into two parts – part 1 costs \$1,600 to review the needs to create the model. The second \$1,600 is to run the model with new water quality data.

The purpose of this model is to calibrate it so it mirrors what actually facts we have right now. Then the model is used to give a predictive tool of what could happen if development continues to happen around the Lake. This can help with future decisions and recommendations.

The SLA will take the lead with the contract.

### **Chanel Road**

Brad mentioned that the road is present on the plot maps of the lots being sold. The committee does not see a concern of the road being disturbed when the lots are sold, therefore the committee doesn't see a need to pursue any more discussion or recommendations around the road.

### **Land Regulation**

Discussion ensued around residential building ordinances and the lack of attention to protecting water quality and shoreline protection.

Enforcement includes what is local planning and zoning ordinances along with state building ordinances.

Discussion ensued about what good next steps might be for the committee to take. It was recommended we move forward in two phases. The first phase would look at the possibility of adding current state regulations to building ordinances for enforcement purposes and the second phase would look at additional ordinances that may help protect the water quality from future development. Committee members will spend time researching on their own and coming to the next meeting with ideas and recommendations for discussion.

### **Water Softening**

Ron did some research – 40-60lbs/month of salt is used in a typical home. Water treatment of hard water is prevalent around the Lake possibly leading to increased salt deposits into the water.

Charlie did an inquiry to learn about systems that do not use salt. Has not heard back.

Bayard made a motion to end the meeting and Ron seconded. Passed unanimously.

Signature

 2/17/2024

Brad Roscoe  
Chairman