

Lake Rosalind/Marl Lake Water Quality Committee Meeting

January 18th, 2022

Called to order at 7:15 by Ken Coleman (Chair)

Question: What do we want to accomplish in 2022?

Follow up on Drinking Water Source Protection expansion plans

Lake water use data from Marl Lake and Lake Rosalind sent to Carl Seider

In an email response, Carl suggested that “a new Intake Protection Zone around the Lakes is not likely the preferred approach to protecting the lakes given the anticipated difficulty in completing the technical work and approvals associated with multiple private intake locations.”

Good news: the Ministry recently updated the Director’s Technical Rules which will allow us to review the vulnerability scores within the current Wellhead Protection Area-E surrounding the lakes which may result in elevating septic systems as a significant threat for this area.

Carl is meeting with Brockton staff on Friday, January 21st to discuss this rule change along with potential impacts/workload considerations for the municipality if we are to proceed with this change to the Source Protection Plan.

Diana emailed Carl to ask if two members (Diana and John) could attend this meeting along with Carl. A response has not yet been received.

Biochar Bags

Rick reviewed his map of biochar bag placement for summer 2021 noting the significant positive impact on Marl Lake.

Marl Lake engaged in a resident participation program with 22 bags – 3 times the number placed in Lake Rosalind.

Discussion followed with focus on sustainability if 90 bags were purchased yearly (cost of close to \$10,000).

John McDougal will look into cost of individual bags from current source and will research alternate source. This information will come forward at the next meeting.

No final decision on purchase was determined as request would need to go through the Lake Rosalind Board of Directors.

Water Sampling

Last year total costs: \$2115 covered by Brockton Municipality. Brockton has agreed to cover this in the yearly budget.

Diana will follow up with Pat Hartman regarding invoice for Marl Lake water testing.

Rick suggested that we follow up with the Lake Partner Program to determine if we could get a second site (6 additional samples). Currently Lake Rosalind only has one site through this program.

Ken Coleman will follow up and bring information to next meeting.

Seagulls and Geese

Large amounts of seagulls and geese are of concern in both lakes. There is a direct correlation between these large amounts of birds and swimmer's itch which seems to be on the increase in our lakes.

It will be necessary to commit to oiling the geese eggs again this year. John Stadlander assisted with this last year and will be approached again this year.

Jeff Spong will connect with his daughter who is completing a Master's program and may offer some guidance on possible steps to decrease the geese/seagull population.

Discussion resulted in looking into the possibility of erecting a large pole on the island to entice eagle, owl, falcon nesting.

John McDougall will connect with Steve Adams to find out where things sit with the dump and seagull control. This is an ongoing discussion with little result.

Zebra Mussel Control

Question: Could we look at stacking the lake with possible predators?

More research and discussion is needed.

Communications

Reminder to CC all Committee members on all communications.

Next Meeting: Tuesday, February 15th 7 p.m. Details to follow