



LRML Joint Water Quality Committee

October 2019 Communication

It is hard to believe that summer has come and gone and we are now enjoying the lovely colours and weather that the fall brings. It is so nice to see so many residents taking in the gorgeous scenery as they enjoy a stroll or bike ride around the lake. We are happy to note that our lakes have returned to the beautiful clarity and sparkle that we experienced throughout the spring and early summer.

Our Committee continues to engage in water quality testing and is pleased that the Municipality of Brockton provides financial assistance for this important effort. The dedicated team of “water testers” should be recognized for their efforts which amounted to \$2042.00 in funding commitment during the 2019 year.

On Tues, October 15th samples were taken from 2 lakes in Rosalind and 2 in Marl for toxin testing. The results indicate that all lakes in the chain are below the Drinking Water Standard of 1.5 µg/L for the toxin.

Following the flow of water from north to south through the lakes the results are as follows for toxin:

Lake Rosalind Lake 2..... 0.87 µg/L

Lake Rosalind Lake 1 0.69 µg/L

Marl Lake Lake 1 0.50 µg/L

Marl Lake Lake 2 0.35 µg/L

There was also an Algae ID done at the same time for the lakes but no results have been released yet.

The test results that we are sharing here indicating a return to safe drinking water standards is for the Microcystin Toxin levels only and does not include the full Drinking Water Analysis. We would not want residents to automatically assume that it is safe to drink lake water.

Surface water should never be consumed unless you are absolutely certain the water has been properly **filtered** and **disinfected** and water testing has demonstrated that the water is safe to drink. What is filtration and disinfection? Chlorine and ultraviolet (UV) light are two common disinfectants.

The LRML Joint Water Quality Committee would like to once again thank each one of you for your part in keeping our lakes clean and healthy. We recognize that we may sound like a broken record; however, we want to continue to stress best practices such as eliminating fertilizer, pesticides, herbicides and making certain that your grass cuttings do not go in the lake. Please remember to empty your hot tubs safely without spilling into the waters' edge. Also, this is a great time of year to have your septic system inspected to ensure it is in good working order. All of these practices add up to lakes that we can all enjoy.

In short, we must all recognize that our lakes are vulnerable and in order to make them thrive, residents, both individually and collectively, must assume responsibility for their care.

In our past communications, our committee encouraged residents to consider how they could engage in shoreline restoration projects in order to return their shoreline to a more natural state. We are encouraged by those who have taken this challenge to heart and have engaged in shoreline projects ranging from small plantings of a few feet to full restorations. Every step in this direction is a positive one. Think about how you can be creative!

In a previous communication, it was mentioned that "Veed Cutters" have been purchased to assist in keeping invasive weeds from spreading further in our lakes. Now that the lake is so clear, it would be a good time to

inspect your shoreline for any weeds that have potential to spread. Two such species are the Sago Pondweed and Milfoil, both of which have found their way into our lakes. You can google these to see pictures. These weeds have produced disastrous conditions resulting in lakes where swimming, kayaking, boating and other recreational opportunities are no longer possible. It is important that these are removed in order to keep our lakes enjoyable. If you attempt to remove these, please be certain to pick up any floating cuttings as these can encourage spreading if not contained.

Please contact Diana Goodwin or Scott Miller on Lake Rosalind if you wish to borrow the Weed Cutter (519-636-3476, 519-616-1037). Rick Kalte (519-364-2894) can be contacted for Marl Lake residents. Again, individual management of these invasive species will benefit all.

As noted in other communications, the LRML Joint Water Quality Committee recognizes that there is no easy answer or quick fix to a consistent high standard of water quality; however, we are dedicated and passionate about our lake communities. We deeply thank you for your efforts in joining in a shared voice and vision and for demonstrating your understanding of how our individual actions affect the long term health of our lakes.

Please feel free to contact any of our members:

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