

## **Lakes Manager - NEAR**

We visited Tuxedo Lake on October 27 to conduct the routine monthly water quality sampling. At Station 1 (the deep spot), water clarity was good with 4.1 m (13.5 ft) visibility. This was better than last year's October clarity at the deep spot of 2.9 m (9.5 ft). The surface temperature was 14.6°C (58.3°F). Oxygen conditions were poor at the bottom of the lake, with no oxygen (anoxia) starting at 10 m (32.8 ft) and going to the bottom at 19m (62.3 ft) at the deep spot. This indicated a significant portion of the lake was anoxic. We did not see any algae blooms while we were there.

We also conducted full-lake aquatic plant surveys of Wee Wah, Pond 3, and Tuxedo in September. I am happy to report that we did not find any Eurasian milfoil in any of the three water bodies.

Please be advised the summary report produced over winter 2022/2023 will go into more detail from this year's monitoring and comparisons to past year's data.

As a heads up, we plan on coming to Tuxedo Lake to conduct the November water quality sampling on Monday 11/21, weather pending as always. I will confirm with you either way prior to our visit.