

CLEMONS POND WATER QUALITY REPORT

May 27, 2018

I am pleased to report that the water monitoring season of 2017 held no surprises for us or revealed any alarming unfavorable trends based on review of our data and comparisons to previous years.

Our average water clarity (SECCHI depth) for last year was 5.30 meters which was slightly less than the historic average. The range of SECCHI depth readings was from 4.3 to 6.2 meters over the course of the season with highest clarity achieved in October. Oxygen levels in the pond followed their usual pattern over the course of the season with late summer desaturation noted which was typical. Phosphorus testing done in August 2018 was stable compared to the previous year at 5 parts per billion.

Testing so far this spring shows good early season water clarity over the first two testing events of 5.87 and 5.78 meters. Surface water temperature yesterday was 68 degrees F, which is significantly warmer than 2 weeks previous when it was 62.6 degrees

We continue to participate in a long-term climate change study with U. Maine Farmington with data loggers to monitor and record air and water temperature through the summer months.

Thanks again to Nancy Serrell for her continued assistance.

Victor Lerish