

CLEMONS POND WATER QUALITY REPORT

May 28, 2017

I am pleased to report that the water monitoring season of 2016 held no surprises for us or revealed any alarming unfavorable trends based on review of our data and comparisons to previous years. Unfortunately Maine DEP for the second or third straight year has not crunched all the data for monitored lakes in the state so we don't have the summary report comparing us to other lakes that has been so useful in past years. I suspect it comes down to manpower and budget issues at the state level.

Our average water clarity (SECCHI depth) for last year was 5.37 meters which was slightly less than the historic average. 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 2017 was stable compared to the previous year at 7 parts per billion.

Testing so far this spring shows improving water clarity over the first two testing events, encouraging given recent rains and heavy pollen. Surface water temperature yesterday was a chilly 62.6 degrees F.

We continue to participate in a long term climate change study with Dr. Dan Buckley at 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