

May 3, 2024

To: Marc Citrin, Mayor
Board of Trustees Village of Tuxedo Park

Dear Marc,

My April Tuxedo Lake Report to you is as follows:

- 1) Water is crystal clear
- 2) PH is 7.0 and balanced
- 3) No evidence of the return of Eurasian Milfoil
- 4) Few Cormorants have been seen which strongly indicates a smaller herring population due to our trout
- 5) Healthy return of the lakes' crawfish and good population of black mussels

I use the crawfish like the miners use canary birds that will tell you of any problems with the water in our lake or air in a mine.

Simple fishing practices I have had in place for the past 20 years, many borrowed from the past:

- 1) 2 rods per boat, prefer one rod per person
- 2) 2 trout per day, per person
- 3) Bass season opens June 20. Before that date a catch and release policy applies.
- 4) Please release Chain Pickerel gently as they are important in controlling the Carp population
- 5) Be respectful on the number of fish taken out of the lake per day

Questions: My telephone number: (845) 502-6497.

Kind regards,



Peter Van Zandt

Commodore of the Tuxedo Lake

Summary of Helpful Facts about the Tuxedo Lake

- 1) "The Van Zandt letter of December 18, 2013" A History and Science Letter of Tuxedo Lake and a Public document at the Village Office.
- 2) Tuxedo Lake is 292 acres/2.5 billion gallons of water
- 3) Biomodification (trout stocking) began in 2013. I collected private donations to achieve this since 2013, we have had 12 years of unprecedented water clarity, balanced PH, few algae blooms
- 4) Algae blooms treated with 1,000 pounds CU sulfate treat half the lake at a time
- 5) 2022 Eurasian Milfoil was irradiated from the lake by use of Procellacor SC
- 6) Trout can survive a PH range of 6.5-8.0. Clear water lake generally has a PH of 7.0
- 7) Important Lake Reports:
 - a. Princeton Hydro Report of 1974
 - b. Tuxedo Club and Allied Biological Report 1997 (I have a lake report from 1913!)
- 8) Important to place spillway boards in the big dam of Tuxedo Lake every Fall so that the lake can RECOVER the water it lost during the summer season.
- 9) The death of the Julliard Pond Lillies during 2011 and 2012 is when I had to get directly involved with the continuing ten year deterioration of the lake's ecology with no remedies being introduced.

Kind regards,



Peter Van Zandt
Commodore of the Tuxedo Lake