

Water Quality Report

Canaan Street Lake

2019 report

Most parameters remain similar to last year and are generally acceptable. We do see an increase in chloride and conductivity which are both above the state lake averages. The numbers are not harmful, but the trend could eventually present problems. Both chloride and conductivity come from road salt and septic systems, with road salt being the major contributor. Phosphorous numbers crept up slightly, but not dramatically. Phosphorous causes weeds, algae, and cyanobacteria to flourish, and that phosphorous comes from stormwater, certain fertilizers, and septic systems. The beach was tested for E. coli on several occasions, with samples taken from the left and right sides of the beach. Only the June 19, 2019 right side sample failed. That failure was 167, which exceeded the limit of 156. Feces from wildlife and pets is the typical source of E. coli. Please don't feed the waterfowl and pick up pet waste. The previous failure was in 2012. There were no cyanobacteria blooms this year. Please maintain your septic systems, use zero phosphorous lawn fertilizer, and use no fertilizer within 25 feet of the lake.

Sincerely,

John Bergeron