

UPDATE

E. coli notice for residents of Palmer Lake August 30, 2021

Thursday, August 26th, PLM (Professional Lake and Land Management Corp) collected E. coli water samples from four locations in the channel connecting Palmer Lake & Long Lake and one on Little Swan Creek at Decker Bridge. Results are as follows:

North Channel Palmer Lake	16 CFU/100mL (8/23/21 <u>104</u> < 88) Water meets bacteriological standards for safe swimming
Mid Channel Palmer Lake	124 CFU/100mL (8/23/21 <u>184</u> < 60) Water meets bacteriological standards for safe swimming
South Channel West of Swan Creek Inlet	132 CFU/100mL (8/23/21 <u>320</u> < 188) Safety of the water for swimming questionable
Long Lake Bridge	16 CFU/100mL Water meets bacteriological standards for safe swimming
Decker Bridge	136 CFU/100 mL (8/23/21 <u>252</u> < 116) Safety of the water for swimming questionable

PLM will retest all three-channel areas, Little Swan Creek at Decker Bridge & one further up stream on Little Swan Creek after Labor Day. Residents will be notified of testing results on the lake board website. www.colontownshiplakeboard.com

0 – 130 CFU/100mL	Water meets bacteriological standards for safe swimming
130 – 300 CFU/100mL	Safety of the water for swimming questionable
300 – 500 CFU/100mL	Water UNSAFE for swimming

Water Quality Measurements: “Fecal Indicator Bacteria (E. coli) measurements count the number of live fecal indicator bacteria in the sample. These are considered reliable indicators of fecal contamination-when they are found in a pond or lake, it is very likely that the water is being contaminated by animal feces. Contamination can potentially be derived from a number of sources, including failed septic systems, agricultural runoff, or waterfowl or wildlife droppings.”

Attachments:

Prein & Newhof Analytical Report 8/30/2021