



Bacteria Sampling Report

Waterbody:
Missaukee Lake

Missaukee Lake

Date Sampled:
7/2/2024

Location	<i>E. coli</i>	Total Coliforms	Interpretation
1	1		● Water meets bacteriological standards for safe swimming.
2	1		● Water meets bacteriological standards for safe swimming.
3	<1		● Water meets bacteriological standards for safe swimming.
4	1		● Water meets bacteriological standards for safe swimming.
5	1		● Water meets bacteriological standards for safe swimming.

Bacterial counts are expressed as the number of Colony Forming Units per 100 milliliters (CFU/100mL).

For full body contact recreation (including swimming) counts of *E. coli* should not exceed 130 (CFU/100mL) as a monthly geometric mean of at least five samples per the State of Michigan standard, or single samples should not exceed 298 (CFU/100mL) [235 CFU/100mL in a designated bathing beach area] per Federal (EPA) guidelines.

Current recreational water quality standards do not rely on Total Coliform counts.

Approved by _____ Date 31-Jul-24
Mrs. Jaimee Desjardins, Technical Services Manager



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