



Bacteria Sampling Report

Waterbody: Three Mile Lake
 Three Mile Lake
 Date Sampled: 7/7/2010
 Joyce Beedie
 PO Box 482
 Paw Paw MI 49079

Location	E. coli	Total Coliforms	Interpretation
East	16	820	● Water meets bacteriological standards for safe swimming.
Ramp	8.0	1700	● Water meets bacteriological standards for safe swimming.
West	4.0	120	● 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, but the incidence of swimming-related gastrointestinal illness has been shown to increase at Total Coliform concentrations of 2,300 (CFU/100mL) and above.

Approved by Jaimie Conroy Date 11-Oct-10
 Mrs. Jaimie Conroy, Technical Services Manager



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