



Bacteria Sampling Report

Waterbody:

Palmer Long Association

Palmer

Date Sampled:

8/3/2021

Location	<i>E. coli</i>	Total Coliforms	Interpretation
Beach	112		● Water meets bacteriological standards for safe swimming.
Channel	120		● Water meets bacteriological standards for safe swimming.
DNR Access	144		● Safety of the water for swimming is questionable. Retest <i>E. coli</i> soon!
North	4		● Water meets bacteriological standards for safe swimming.
South	<4		● Water meets bacteriological standards for safe swimming.
Trailer Park	<4		● 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 09-Aug-21
Mrs. Jaimee Conroy, Technical Services Manager



PLM Lake & Land Management Corp
P.O. Box 132
Caledonia MI 49316-
Phone: (616) 891-1294



Bacteria Sampling Report

Waterbody:

Palmer Long Association

Palmer

Date Sampled:

8/13/2021

Location	<i>E. coli</i>	Total Coliforms	Interpretation
Access	48		● Water meets bacteriological standards for safe swimming.
Beach	32		● Water meets bacteriological standards for safe swimming.
Channel	500		● Water is UNSAFE for swimming! RETEST <i>E. coli</i> BEFORE 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 17-Aug-21
Mrs. Jaimee Conroy, Technical Services Manager



PLM Lake & Land Management Corp
P.O. Box 132
Caledonia MI 49316-
Phone: (616) 891-1294