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FOR IMMEDIATE RELEASE

September 1, 2016

Weekly Grand Traverse Bay Beach Report (Wednesday Sampling)

Samples Collected August 31, 2016, Reported September 1, 2016

<u>Beach</u>	<u>This weeks sample results E. coli count per 100ml</u>	<u>30 day Geometric Mean</u>	<u>Water Quality Index</u>
West End	33	12	1
Clinch Park	36	21	1
Bryant Park	99	21	1
East Bay Park	22	20	1
Traverse City State Park	147	12	1
Acme Bayside Park	35	19	1
Sayler Park	0	4	1
Sunset Park	73	26	1
TC Senior Center	13	7	1
TC Volleyball Beach*	280	15	1

<u>Water Quality Index</u>	<u>Body Contact Limits</u>	<u>E.coli/100ml (Single Event)</u>	<u>E.coli/100ml (30 day geo- mean)</u>
Level 1	E. coli levels meet MDEQ swimming standards for full body contact.	0-300	0-130
Level 2	E. coli levels meet MDEQ standards for wading, fishing, and boating. Contact above the waist not advised.	301-1000	131-1000
Level 3	E. coli levels exceed MDEQ standards, no body contact advised.	>1000	>1000
Level 4	Health Alert. E. coli levels and/or known gross contamination of beach waters. Avoid contact with beach waters.		

Note: Beach samples are routinely collected once a week. Therefore E. coli levels may not meet the Michigan Department of Environmental Quality (MDEQ) standards between sampling days. E. coli levels are more likely to increase after a storm.

*E.coli levels for Volley Ball Beach are calculated utilizing the geometric mean of three (3) individual samples. All other beaches utilize a composite of three (3) samples. Both sampling methods are approved by the MDEQ.

Note: For those beaches utilizing the geometric mean of three individual samples, if beach samples contain more than 130 E.coli/100ml, as a 30-day geometric mean, a notice for that beach will be set at the water quality index of 2 and will remain until the 30-day geometric mean is below 130 E.coli per 100ml.