



# GRAND TRAVERSE COUNTY HEALTH DEPARTMENT

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## FOR IMMEDIATE RELEASE

July 21, 2017

### Weekly Grand Traverse Bay Beach Report (Update)

Samples Collected July 20, 2017, Reported July 21, 2017

<u>Beach</u>	<u>sample results</u> <u>E. coli count per 100ml</u>	<u>30 day Geometric</u> <u>Mean</u>	<u>Water Quality Index</u>
West End			1
Clinch Park			1
Bryant Park			1
East Bay Park			1
Traverse City State Park			1
<b>Acme Bayside Park</b>	<b>1112</b>	<b>50</b>	<b>3</b>
Sayler Park			1
<b>Sunset Park</b>	<b>363</b>	<b>111</b>	<b>2</b>
TC Senior Center			1
TC Volleyball Beach			1
Dock Rd*			1

<u>Water Quality Index</u>	<u>Body Contact Limits</u>	<u>E.coli/100ml</u> <u>(Single Event)</u>	<u>E.coli/100ml</u> <u>(30 day geo-mean)</u>
<b>Level 1</b>	E. coli levels meet MDEQ swimming standards for full body contact.	<b>0-300</b>	<b>0-130</b>
<b>Level 2</b>	E. coli levels meet MDEQ standards for wading, fishing, and boating. Contact above the waist not advised.	<b>301-1000</b>	<b>131-1000</b>
<b>Level 3</b>	E. coli levels exceed MDEQ standards, no body contact advised.	<b>&gt;1000</b>	<b>&gt;1000</b>
<b>Level 4</b>	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 Dock Rd 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.