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Date: May 26, 2016  
Release Date: For Immediate Release End Date: May 31, 2016  
Contact Person: Jim Henry  
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Genesee County Health Department  
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Re: E. coli Bacteria Results for Monitored County Lakes

Flint, MI – Genesee County Health Department would like to announce that all beaches monitored by the Health Department are in compliance with State guidelines for E. coli bacteria at bathing beaches. The Health Department provides surface water testing for any Genesee County public beach operator. If you have questions regarding this process, please contact the Health Department for more information.

Exposure to any recreational water can be a potential health risk. Gastrointestinal and dermatological illnesses have been associated with recreational water exposure. Rain and subsequent runoff can dramatically increase E. coli bacteria levels in lakes and other surface waters. Therefore, the Genesee County Health Department is advising that all beach patrons exercise due caution with total body contact in area surface waters after rain events.

Your Genesee County Health Department utilizes the following rules to interpret the E. coli test results. (By authority conferred on the director of public health by section 12544 of Act No. 368 of the Public Acts of 1978, as amended, being §333.12544 of the Michigan Compiled Laws):

R 325.2102 Sanitation and safety determinations. Rule 2. (1) Bacterial concentrations in water at a bathing beach, as determined by standard methods, shall contain not more than 130 Escherichia coli (E. coli) per 100 milliliters, as a 30-day geometric mean. Compliance shall be based on the geometric mean of all individual samples taken during 5 or more sampling events representatively spread over a 30-day period. Each sampling event shall consist of 3 or more samples taken at representative locations within a designated sampling area. Bathing beach waters shall not contain more than a maximum of 300 E. coli per 100 milliliters. Compliance shall be based on the geometric mean of 3 or more samples taken during the same sampling event at representative locations within a defined sampling area.

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**2016 Bacterial Concentrations of Escherichia coli per 100 milliliters**

<b>LOCATIONS:</b>	*Wk of 5/26	*Wk of 6/2	*Wk of 6/9	*Wk of 6/16	*Wk of 6/23	*Wk of 6/30	*Wk of 7/7	*Wk of 7/14	*Wk of 7/21	*Wk of 7/28	*Wk of 8/4	*Wk of 8/11	*Wk of 8/18	*Wk of 8/25	*Wk of 9/1	*Wk of 9/8	** 30 Day Mean
Byram Lake - Clover Beach	1																1
Hasler Lake Campground	2																2
Holloway-Buttercup Beach	1																1
Mott Lake - Bluebell Beach	1																1

\* Not to Exceed State guideline of 300 E. coli per 100 ml per sampling event

\*\* Not to Exceed State guideline of 130 E. coli per 100 ml as a 30 day geometric mean