



Public Health Laboratory - Orillia
750 Memorial Ave, Box 600
Orillia, ON L3V6K5

Bacteriological Analysis of Beach Water Multiple Sample Report for Official Agencies

Submitter: DIRECTOR OF ENVIRONMENTAL HEALTH
NORTH BAY PARRY SOUND DISTRICT HEALTH
UNIT
681 COMMERCIAL ST
North Bay, ON P1B4E7

Date & Time Collected*: 20-Jul-2016 2:20 pm
Date & Time Received*: 21-Jul-2016 11:15 am
Date Reported: 22-Jul-2016 11:26 am
Resample: No

*All time values are EST /EDT.

Associated Public Health Unit: North Bay Parry Sound District

Beach: CHECKERBOARD BEACH

Laboratory Results

Barcode ID	Date Analyzed	E. coli (CFU/100 mL)	Sample Comments
009175711	21-Jul-2016	<10	
009175874	21-Jul-2016	<10	
009175618	21-Jul-2016	<10	
009175747	21-Jul-2016	<10	
009175731	21-Jul-2016	<10	

Geometric Mean: 10

Authorized by (Position): Dr. Vanessa Gray Allen (Chief, Medical Microbiology)

All samples were received in good condition unless otherwise stated under comments.

The geometric mean was calculated using the formula in the Ministry of Health and Long-Term Care Beach Management Guidance Document:

$$\text{Geometric Mean} = ((X_1) \cdot (X_2) \cdot (X_3) \dots (X_n))^{\frac{1}{n}}$$

where $(X_1), (X_2),$ etc. are individual data points and n is the total number of data points used in the calculations.

A value of 10 is used in the calculation for results reported as <10 cfu/100mL and a value of 1000 is used in the calculation for results reported as >1.0E3 cfu/100mL. Cancelled samples will not be included in calculation of the geometric mean. If additional samples were submitted for this beach, the submitter must use another method to determine the correct geometric mean for that sampling session.

Exponential values are reported as "En" where "n" is the exponent (e.g. E3 is 10^3).

Test Method: Membrane filtration (modified from Standard Methods for the Examination of Water and Wastewater section 9213D, current edition). These results relate only to the sample(s) tested.

If the reported client information does not match the information you supplied on the form please contact the PHO Customer Service Centre. Telephone: 1-877-604-4567 or 416-235-6556 or E-mail: customerservicecentre@oahpp.ca. For operating hours, see our website: www.publichealthontario.ca/labs.

The contents of this document are confidential and intended only for the use of the individual named as the "Submitter". If you have received this information in error, please notify the PHO customer service centre by telephone at 1-877-604-4567 or 416-235-6556.

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Final

