



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*: 18-Jul-2016 11:35 am
Date & Time Received*: 19-Jul-2016 12:25 pm
Date Reported: 20-Jul-2016 2:35 pm
Resample: No
*All time values are EST /EDT.

Associated Public Health Unit: North Bay Parry Sound District

Beach: SUNNY RIDGE BEACH

Laboratory Results

Barcode ID	Date Analyzed	E. coli (CFU/100 mL)	Sample Comments
009175924	19-Jul-2016	<10	
009175959	19-Jul-2016	<10	
009175344	19-Jul-2016	<10	
009174983	19-Jul-2016	<10	
009176064	19-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 $X 10^3$).

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.

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Public Health Laboratory - Orillia
750 Memorial Ave, Box 600
Orillia, ON L3V 6K5
705-325-7449

Final





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750 Memorial Ave, Box 600
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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*: 18-Jul-2016 10:15 am
Date & Time Received*: 19-Jul-2016 12:22 pm
Date Reported: 20-Jul-2016 12:15 pm
Resample: No

*All time values are EST /EDT.

Associated Public Health Unit: North Bay Parry Sound District

Beach: UNION STREET BEACH

Laboratory Results

Barcode ID	Date Analyzed	E. coli (CFU/100 mL)	Sample Comments
009175882	19-Jul-2016	40	
009175879	19-Jul-2016	70	
009175903	19-Jul-2016	40	
009175919	19-Jul-2016	10	
009175907	19-Jul-2016	<10	

Geometric Mean: 26

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:

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

where (X₁), (X₂), 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/100 mL 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.

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

Date & Time Collected*: 18-Jul-2016 12:05 pm
Date & Time Received*: 19-Jul-2016 12:19 pm
Date Reported: 20-Jul-2016 10:30 am
Resample: No

*All time values are EST /EDT.

Associated Public Health Unit: North Bay Parry Sound District

Beach: SOUTH LAKE BERNARD BEACH

Laboratory Results

Barcode ID	Date Analyzed	E. coli (CFU/100 mL)	Sample Comments
009175946	19-Jul-2016	<10	
009176016	19-Jul-2016	30	
009176003	19-Jul-2016	80	
009175147	19-Jul-2016	10	
009176068	19-Jul-2016	10	

Geometric Mean: 19

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

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

$$\text{Geometric Mean} = ((X_1), (X_2), (X_3)...(X_n))^{1/n}$$

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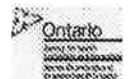
Exponential values are reported as "En" where "n" is the exponent (e.g. E3 is X 10³).

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 681 COMMERCIAL ST
 North Bay, ON P1B4E7

Date & Time Collected*: 18-Jul-2016 9:50 am
Date & Time Received*: 19-Jul-2016 12:13 pm
Date Reported: 20-Jul-2016 12:11 pm
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
009175477	19-Jul-2016	160	
009175635	19-Jul-2016	160	
009175642	19-Jul-2016	200	
009175606	19-Jul-2016	160	
009175594	19-Jul-2016	170	

Geometric Mean: 169

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

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

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