



Public Health Laboratory - Sudbury
 1300 Paris St., Suite 2
 Sudbury, ON P3E6H3

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*: 22-Aug-2016 10:40 am Date & Time Received*: 23-Aug-2016 9:14 am Date Reported: 24-Aug-2016 9:06 am Resample: No <small>*All time values are EST /EDT.</small>
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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
009175339	23-Aug-2016	10	
009175873	23-Aug-2016	<10	
009175301	23-Aug-2016	<10	
009175628	23-Aug-2016	10	
009175330	23-Aug-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 10³).

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.

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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*: 22-Aug-2016 9:20 am
Date & Time Received*: 23-Aug-2016 9:16 am
Date Reported: 24-Aug-2016 9:13 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
009175948	23-Aug-2016	30	
009175989	23-Aug-2016	30	
009175936	23-Aug-2016	130	
009175901	23-Aug-2016	100	
009175883	23-Aug-2016	60	

Geometric Mean: 59

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:

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

where (X₁), (X₂), etc. are individual data points and n is the total number of data points used in the calculations.

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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*: 22-Aug-2016 11:10 am Date & Time Received*: 23-Aug-2016 9:26 am Date Reported: 24-Aug-2016 9:19 am Resample: No *All time values are EST /EDT.
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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
009175941	23-Aug-2016	30	
009175347	23-Aug-2016	<10	
009175428	23-Aug-2016	20	
009175954	23-Aug-2016	10	
009175886	23-Aug-2016	20	

Geometric Mean: 16

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:

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 North Bay, ON P1B4E7

Date & Time Collected*: 22-Aug-2016 9:40 am
Date & Time Received*: 23-Aug-2016 9:29 am
Date Reported: 24-Aug-2016 12:51 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
009175608	23-Aug-2016	<10	
009175576	23-Aug-2016	40	
009175915	23-Aug-2016	20	
009175847	23-Aug-2016	10	
009175684	23-Aug-2016	30	

Geometric Mean: 19

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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