

2009 Beach Reporting History

Township of Lake of Bays

About this report:

This report summarizes the sampling results and posting history of each beach that was monitored by the health unit in this municipality.

Included in this report are:

1. All individual sample results for each beach.
2. A summary of postings and closures issued (if any).

Report notes:

- All sample results are reported by the lab in *cfu* (colony forming units).
- *Geometric mean* is a type of average that minimizes the effect of very high or very low numbers.
- The Ministry of Health and Long-Term Care (MOHLTC) advises that when a geometric mean of 100 *cfu* or greater of *E. coli* is reported, the Medical Officer of Health may consider issuing an advisory.
- A review of recorded data on beach water conditions is used to help predict improvements or deterioration of water quality.
- The duration of beach posting takes into account any available evidence and historical data that illustrates the behaviour of the beach
- A blank posting history section means no posting for this season.

Background:

Beach water quality monitoring usually begins mid June and continues to the end of August.

An **advisory** is a warning to swimmers but it is not a beach **closure**. During an **advisory**, a beach is posted with warning signs when the water contains levels of bacteria that indicate there may be an increased risk of developing minor skin, eye, ear, nose and throat infections and stomach disorders. If you choose to swim during an **advisory** it may be prudent to avoid ducking your head or swallowing the water.

A beach **closure** is issued when a catastrophic event occurs or an immediate risk to health is present. Sewage spills or toxic chemical releases are examples. Beach **closures** are rare.

During the sampling season, advisories and closures are posted on the health unit's website (www.simcoemuskokahealth.org).

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DWIGHT BEACH

Date	# samples	Individual Sample Results					GMean
29-Jun-09	5	1	1	10	1	1	1.58
6-Jul-09	5	1	20	1	1	40	3.81
13-Jul-09	5	1	1	1	1	10	1.58
20-Jul-09	5	50	20	1	20	10	11.49
27-Jul-09	5	60	40	40	80	60	54.04
4-Aug-09	5	1	20	50	30	20	14.31
10-Aug-09	5	20	1	10	1	1	2.89
24-Aug-09	5	140	40	60	70	50	65.18

Type of Posting	Date Posted	Date Lifted

HILLSIDE BEACH

Date	# samples	Individual Sample Results					GMean
29-Jun-09	5	10	20	1	10	10	7.25
13-Jul-09	5	1	1	1	1	10	1.58
27-Jul-09	5	20	1	10	20	1	5.25
11-Aug-09	5	1	1	20	20	20	6.03
24-Aug-09	5	1	1	1	1	10	1.58

Type of Posting	Date Posted	Date Lifted
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