

Beach Water Monitoring Report 2009



HURON
C O U N T Y

HEALTH UNIT

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Huron County Health Unit

2009 Seasonal Beach Water Monitoring Program



Safe to Swim



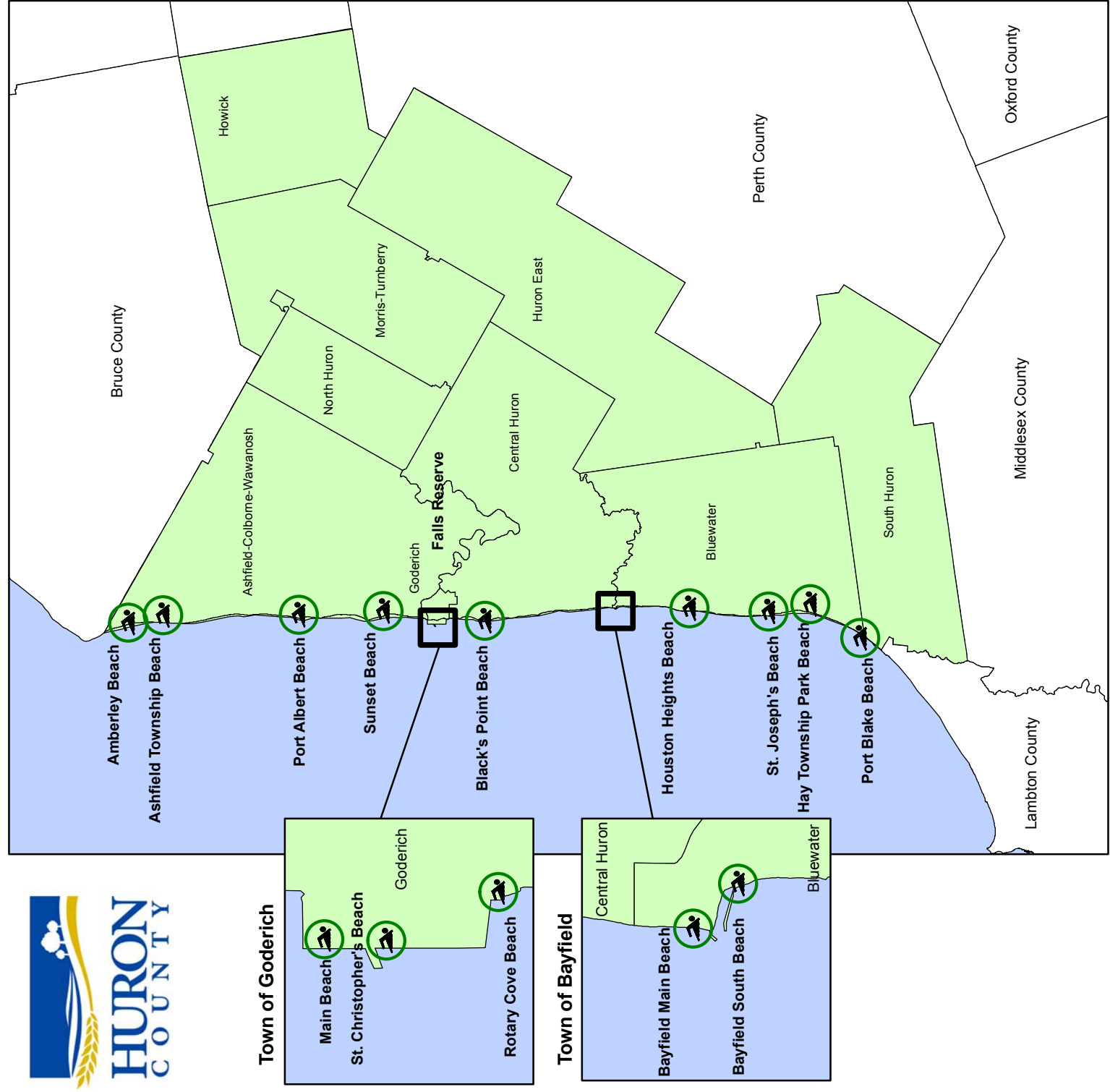
Unsafe to Swim

Look for these Signs:



For Additional Information:

HURON COUNTY HEALTH UNIT
Beach Water Quality Infoline :
 432-5119 or toll free 1-877-837-6143 Ext. 2501
 Website : www.huroncounty.ca/healthunit



Bruce County

Howick

North Huron

Morris-Turnberry

Huron East

Perth County

Oxford County

Middlesex County

Lambton County

Town of Goderich

Town of Bayfield

Goderich

Central Huron

Bluewater

INTRODUCTION



Beach water sampling began on June 2, 2009 and continued until August 27, 2009. This was done by the Huron County Health Unit's Beach Water Monitoring students.

Different forms of sampling were conducted in the 2009 season. On Tuesdays all of the shoreline locations were sampled, and on Thursdays the shoreline locations with adverse results from Tuesday, along with beaches with public washrooms, were re-sampled. The London Public Health Lab was responsible for all lakeshore water sample testing for the entire summer. Lakeshore and Inland locations were posted on signs either red (unsafe for swimming) or blue (safe for swimming) based on a historical five year geometric means. These signs remained the same for the entire 2009 swimming season.

The 2009 Beach Water Quality Report includes the following information:

- Posted lakeshore and inland swimming location map
- 1-3-5 year lakeshore swimming location geometric mean beach water result summaries;
- Beach Water Monitoring Program promotional materials;
- 2005-2009 (5 year shoreline E.coli Geometric Mean) chart;
- Number of days swimming locations sampled in 2009;
- Individual swimming location sampling data; and
- Seasonal 10 year E.coli geometric mean trend.

Note: the provincial recreational beach water standard for E.coli is 100 C.F.U./100mL (C.F.U. equals Colony Forming Units).

Based on a 5 year geometric mean average there are no lakeshore locations that will be posted as being unsafe for the 2010 swimming season;

The sampling schedule and locations for the 2010 summer season will be the same as the 2009 summer season.

If you have any questions please contact Acting Public Health Manager – Safe Water, Bob Worsell directly at 519-482-5119 Ext. 2328 or toll-free at 1-877-6143 Ext. 2328.

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2009 GEOMETRIC MEAN

Beach Water Result Summaries



Lakeshore Public Beach Locations	5 Year 2005 to 2009 <i>E. coli</i> GM	3 Year 2007 to 2009 <i>E. coli</i> GM	1 Year 2009 <i>E. coli</i> GM
Amberley Beach	48	40	70
Ashfield Township Park Beach	54	57	63
Bayfield Main Beach	35	32	29
Bayfield South Beach	37	39	47
Black's Point Beach	57	60	47
Goderich - Main Beach	73	68	79
Goderich - Rotary Cove Beach	56	48	70
Goderich - St. Christopher's Beach	57*	60	57
Hay Township Park Beach	53	52	69
Houston Heights Beach	38	39	32
Port Albert Beach	55	59	55
Port Blake Beach	37	31	29
St. Joseph's Beach	54*	59	46
Sunset Beach	24	25	29

Notes:

* Site included at least one annual geometric mean greater than 100 *E. coli* per 100 mL water in the last 5 years

5 Year *E. coli* Geometric Mean of 81 or greater

5 Year *E. coli* Geometric Mean between 61 and 80

5 Year *E. coli* Geometric Mean of 60 or lower

