



HURON COUNTY HEALTH UNIT



BEACH WATER MONITORING REPORT 2008

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Huron County Health Unit 2008 Seasonal Beach Water Monitoring Program



Safe to Swim



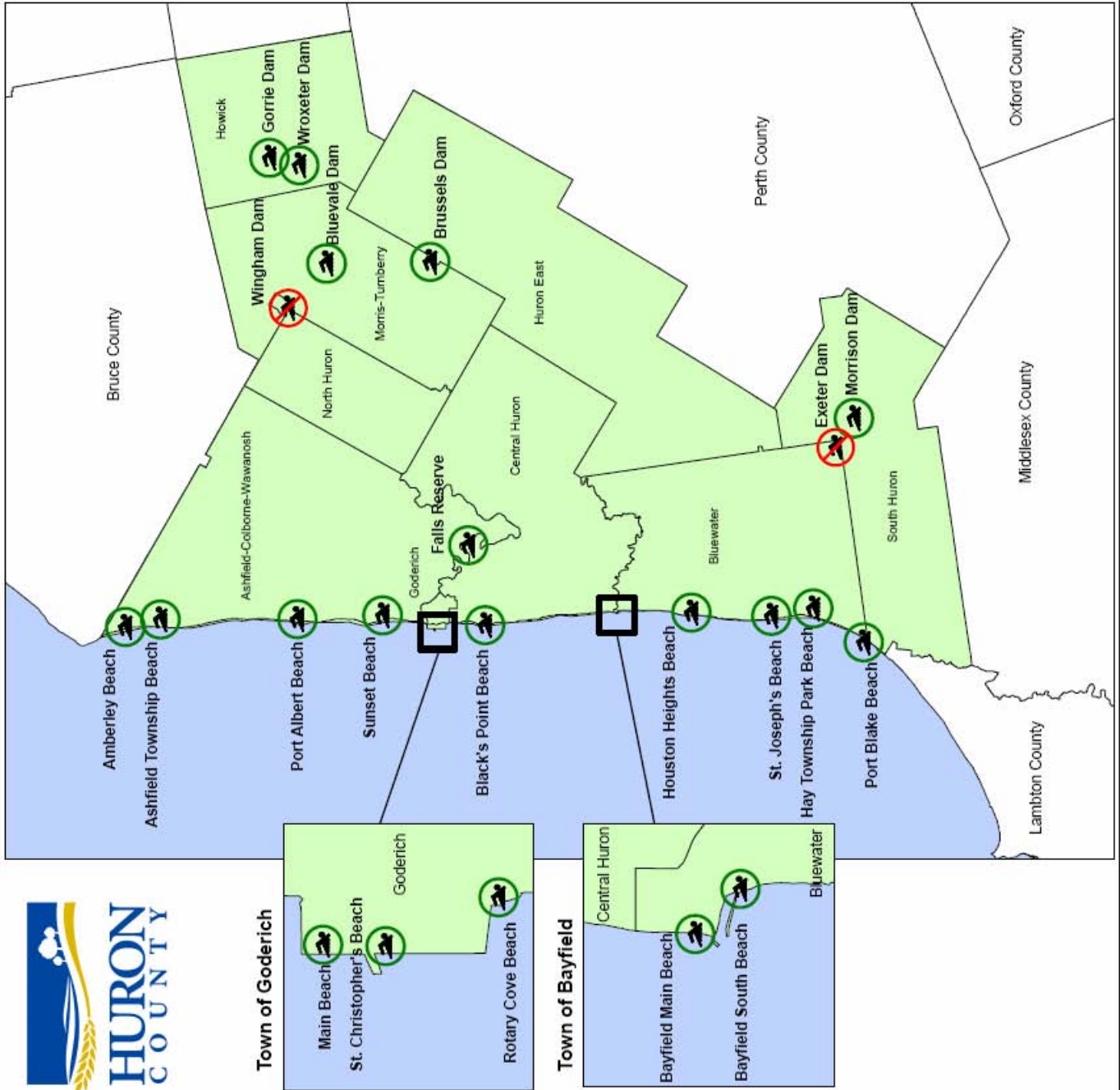
Unsafe to Swim

Look for these Signs:



For Additional Information:

HURON COUNTY HEALTH UNIT
Beach Water Quality Infoline :
482-5119 or toll free 1-877-837-6143 Ext. 2501
Website : www.huroncounty.ca/healthunit



Huron County Health Unit *Beach Water Quality Report 2008*

Introduction:

Beach water and inland sampling began on June 3, 2008 and continued until August 28, 2008. The Huron County Health Unit's Beach Water Monitoring students sampled the beaches.

Different forms of sampling were conducted in the 2008 season. On Tuesdays 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 inland dams were sampled once a month. Bayfield Main Beach and Goderich Rotary Cove Beach were sampled everyday (Monday-Friday). The London Public Health Lab was responsible for all inland and lakeshore samples for the entire summer.

Lakeshore and inland locations were posted either red (unsafe for swimming) or blue (safe for swimming) sign based on historical five year geometric means. These signs remained the same for the entire 2008 swimming season.

The 2008 Beach Water Quality Report includes the following information:

- Posted lakeshore and inland swimming location map
- 1-3-5 year lakeshore and inland swimming location geometric mean beach water result summaries;
- Beach Water Monitoring Program promotional materials;
- 2004-2008 (5 year shoreline *E.coli* Geometric Mean) chart;
- 2004-2008 (5 year inland *E.coli* Geometric Mean) chart;
- Number of days swimming locations sampled in 2008;
- 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.

Based on a 5 year geometric mean average the following locations will be posted as being unsafe for the 2009 swimming season:

Lakeshore: no posted beaches

Inland: Exeter and Wingham Dams

The sampling schedule for the 2009 summer season will include sampling the lakeshore locations on Tuesdays, with second samples being taken on Thursday at those locations which have public washrooms or an *E.coli* count greater than 100 C.F.U./100mL from Tuesday's samples. The inland dam locations will not be tested this summer, but the usual blue and white or red and white signs will still be posted for the summer.

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.

2008 Lakeshore and Inland Geometric Mean (GM) Beach Water Result Summaries

Lakeshore Public Beach Locations	5 Year 2004 to 2008 <i>E. coli</i> GM	3 Year 2006 to 2008 <i>E.</i> <i>coli</i> GM	1 Year 2008 <i>E. coli</i> GM
Amberley Beach	52	40	50
Ashfield Township Park Beach	62*	49	83
Bayfield Main Beach	40	37	49
Bayfield South Beach	38	37	59
Black's Point Beach	60	59	96
Goderich - Main Beach	74	68	75
Goderich - Rotary Cove Beach	53	45	77
Goderich - St. Christopher's Beach	58	61	100
Hay Township Park Beach	53	46	55
Houston Heights Beach	44	44	75
Port Albert Beach	58	59	70
Port Blake Beach	41	33	37
St. Joseph's Beach	57*	60	103
Sunset Beach	26	24	37

Inland Public Dam Locations	5 Year 2004 to 2008 <i>E. coli</i> GM	3 Year 2006 to 2008 <i>E.</i> <i>coli</i> GM	1 Year 2008 <i>E. coli</i> GM
Bluevale Dam	63*	57	40
Brussels Dam	60*	50	69
Exeter Dam	85*	86	109
Falls Reserve	75*	63	53
Gorrie Dam	65*	57	53
Morrison Dam	24	30	38
Wingham Dam	156*	145	170
Wroxeter Dam	73	63	96

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

