

*Natural. Valued. Protected.*

Lake Fact Sheet – Parry Sound District

# Bell Lake

Location:	
<b>MNR District:</b> .....	Parry Sound
<b>Geographic Township:</b> .....	McDougall
<b>Municipal Township:</b> .....	McDougall
<b>Watershed:</b> .....	Seguin River
<b>Fisheries Mgmt Zone:</b> .....	15

Basin and Terrain Characteristics:	
<b>Lake Survey Year:</b> .....	1976
<b>Surface Area:</b> .....	57.6 hectares
<b>Maximum Depth:</b> .....	8.2 meters
<b>Mean Depth:</b> .....	4.2 meters
<b>Perimeter:</b> .....	6.0 km
<b>Island shoreline:</b> .....	0.2 km
<b>Littoral Zone:</b> .....	65%
<b>Shoreline Development:</b> .....	27 Cottages, 1 Resort (at time of 1976 survey)
<b>Access Points:</b> .....	Road
<b>Water Level:</b> .....	Unregulated (i.e. no dam)
<b>Crown Land:</b> .....	35% Shoreline

Water Quality:	
<b>Secchi reading:</b>	2.9 meters
<b>Colour:</b>	Yellow/Brown
<b>Alkalinity:</b>	21 mg/l - Level 3 – Moderately Sensitive (MOE, 1989)
<b>pH:</b>	7.5
<b>M.E.I.:</b>	8.2
<p><b>“Guide to eating fish”:</b> Fish in watersheds draining into Georgian Bay generally have high levels of mercury. This is due to natural, high background levels of mercury present in the watershed – not man-made contamination. A precautionary approach to fish consumption is recommended. We recommend you search the guide for an alternate large lake in your watershed (i.e. Mill Lake) and apply those consumption guidelines to Bell Lake. Extra caution should be exercised by women of child-bearing age and for children.</p> <p>The <i>Guide to Eating Ontario Sport Fish</i> is available electronically at: <a href="http://www.ene.gov.on.ca">www.ene.gov.on.ca</a>.</p>	

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### Fisheries:

**Game Fish Species:** Smallmouth Bass, Largemouth Bass, Yellow Perch, Northern Pike (introduced some time after 1976), Black Crappie (introduced prior to 2002). Walleye planted in 1946 but introduction appears to have been unsuccessful.

**Other species present:** Cisco, Pumpkinseed, Common White Sucker, Rock Bass, Common Shiner, Trout, Perch, Creek Chub

**Introduced Species:** It is presumed that walleye (1946) and early smallmouth bass plantings were intended to create self-sustaining fisheries. If so, it was successful for bass but not walleye. A recent (1999) rainbow trout planting was intended to create artificial angling opportunities with no expectation of reproduction.

**Stocking Record:** The lake is not currently being stocked.

1999 Rainbow Trout 800 - 8 to 10 inch  
1961 Smallmouth Bass 1,000 fingerlings  
1959 Smallmouth Bass 500 fingerlings  
1957 Smallmouth Bass 300 fingerlings  
1955 Smallmouth Bass 100 fingerlings  
1953 Smallmouth Bass 250 fingerlings  
1952 Smallmouth Bass 300 fingerlings  
1951 Smallmouth Bass 250 fingerlings  
1950 Smallmouth Bass 400 fingerling  
1946 Walleye 75,000 eggs  
1945 Smallmouth Bass 500 fingerlings

### Summary of Fisheries Studies / Reports:

None present.

### Management Prescription:

- Manage as a natural, self-sustaining smallmouth bass, largemouth bass, northern pike and black crappie fishery.
- Generic Fishing Regulations for Division 15 apply.

*Created: June 2003 (CD)*

*Revised: March 2005, Nov. 2005 (EM)*

Updated: January 2010

Refer to Lake Fact Sheet Interpretation document for explanation of content.

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