

*Natural. Valued. Protected.*

Lake Fact Sheet – Parry Sound District

# Big Deep Bay Lake

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

Basin and Terrain Characteristics:	
<b>Lake Survey Year:</b> .....	1981
<b>Surface Area:</b> .....	120.5 hectares
<b>Maximum Depth:</b> .....	41 meters
<b>Mean Depth:</b> .....	9.9 meters
<b>Perimeter:</b> .....	15.4 km
<b>Island shoreline:</b> .....	0.5 km
<b>Littoral Zone:</b> .....	
<b>Shoreline Development:</b> .....	7 Cottages (at time of 1981 survey)
<b>Access Points:</b> .....	Public (River Access)
<b>Water Level:</b> .....	Not Regulated
<b>Crown Land:</b> .....	95% Shoreline

Water Quality:	
<b>Secchi reading:</b>	4.2 meters
<b>Colour:</b>	
<b>Dissolved Oxygen:</b>	
<b>Alkalinity:</b>	10.3 mg/l - Level 3 Moderately Sensitive (MOE, 1989)
<b>pH:</b>	7.0
<b>Total Phosphorus:</b>	
<b>M.E.I.:</b>	2.8
<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 and apply those consumption guidelines to your lake of interest. Extra caution should be exercised by women of child-bearing age and for children.</p> <p>The Guide to Eating Ontario Sport Fish 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:** Northern Pike, Rock Bass, Walleye, Smallmouth Bass, Largemouth Bass, Yellow Perch

**Other species present:** Cisco, Mimic Shiner, White Sucker, Bluntnose Minnow, Pumpkinseed, Iowa Darter, Brown Bullhead

**Exotic Species:**

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

## Summary of Fisheries Studies / Reports:

None present.

## Management Prescription:

This lake is being managed as a natural, self-sustaining pike, bass and walleye fishery. Generic sport fishing regulations for FMZ-15 apply; there are no exception regulations.

*Created: June 2003*

Updated: January 2010

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

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