

Natural. Valued. Protected.

Lake Fact Sheet – Parry Sound District Bay Lake

Location	
Official Name:	Bay Lake Local Names: Bucktooth Lake
County/District:	Parry Sound Geographic Twp:..... Perry
Municipality:.....	Township of Perry MNR Admin. Area:Bracebridge
Lat./Long:.....	45.506 N -79.208 W UTM (NAD83): 17 639984 5040676
Topographic Map (1:50,000):.....	31E11 Drainage Basin:Little East River

Physical Features		
Surface Area (ha):	136 Maximum Depth (m):.....	31 Mean Depth (m):..... 9
Elevation (m asl):.....	366 Perimeter (km):.....	9.0 Island Shoreline (km): 1.0
Volume (10 ⁴ m ³):.....	1224 Watershed (km ²):.....	10.4 Water Clarity (m): 4.9
(excludes area of lake)		

Land Use and Development	
Crown Land (%):.....	0 Provincial Parks:
none	
Shoreline Development:	high; shoreline residential
Access:	public; launch at west end of lake
Water Level Management:	not regulated

Fish Species
Major Fish Species: . lake trout (S), brook trout (R), walleye (I), rainbow smelt (I), burbot, smallmouth bass (I), lake whitefish
Other Fish Species:brown bullhead, pumpkinseed, creek chub, white sucker, yellow perch
Other Species:

Notes: E: extirpated, I: introduced – intentional or accidental, O: occasional, R: remnant, S: currently stocked, ?: status uncertain, 2009: year of first record or introduction if known, blank: presumed native

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Fisheries Management

<i>Fisheries Management Zone:</i>	15
<i>Designation for Lake Trout Management:</i>	designated; put-grow-take; at development capacity
<i>Fishing Regulation Exceptions:</i>	lake trout open all year (2009)
<i>Current Stocking:</i> ... lake trout; put-grow-take, no natural reproduction expected, stocked every two years with yearlings	
<i>Historic Stocking (last year stocked):</i>	brook trout (1961), walleye (2000)
<i>Contaminants (species tested):</i>	walleye, smallmouth bass
<i>Assessment:</i>	Completed Projects:
	1971 lake survey
	1980 lake trout assessment program
	2001 summer trap netting
	Dissolved oxygen profiles are collected on a regular basis

Synopsis

Based on lake morphometry and water chemistry, Bay Lake provides a small amount of lake trout habitat. Despite an MNR lake survey report from 1955 indicating that Bay Lake was a good trout lake, there is currently limited summer habitat, because of anoxia in bottom waters, to sustain a strong lake trout population. Bay Lake is currently managed as a put-grow-take lake; stocked with 1000 yearlings every second year.

Based on a 2000 trap net study, Bay Lake supports a healthy introduced walleye population.

Updated: February 2010

Refer to Lake Fact Background Information document for explanation of content.

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