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## Lake Fact Sheet – Parry Sound District Crosson Lake

### Location

Official Name:.....Crosson Lake    Local Names:.....North Lake  
 County/District:.....Muskoka    Geographic Twp:.....Oakley  
 Municipality:.....Town of Bracebridge    MNR Admin. Area:.....Bracebridge  
 Lat./Long:.....45.083 N 79.035 W    UTM (NAD83):.....17 654604 4994055  
 Topographic Map (1:50,000):.....31E03    Drainage Basin:.....Black River

### Physical Features

Surface Area (ha):.....59    Maximum Depth (m):.....24    Mean Depth (m):.....8  
 Elevation (m asl):.....335    Perimeter (km):.....4    Island Shoreline (km):.....0  
 Volume (10<sup>4</sup> m<sup>3</sup>):.....476    Watershed (km<sup>2</sup>):.....4.4    Water Clarity (m):.....3.4  
 (excludes area of lake)

### Land Use and Development

Crown Land (%):.....100    Provincial Parks:.....Bigwind Lake Provincial Park  
 Shoreline Development:.....none  
 Access:.....public; Crown land trail from Black River Road  
 Water Level Management:.....not regulated

### Fish Species

Major Fish Species:.....brook trout (E), lake trout (R), largemouth bass (I), smallmouth bass (I 2014)  
 Other Fish Species:.....brown bullhead, longnose sucker (?), white sucker, pumpkinseed, golden shiner,  
 .....northern redbelly dace, creek chub, blacknose shiner, yellow perch  
 Other Species:.....virile crayfish

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> .....	not designated
<i>Fishing Regulation Exceptions</i> .....	no lake-specific exceptions
<i>Current Stocking:</i> .....	none
<i>Historic Stocking (last year stocked):</i> .....	walleye (1942), lake trout (1972), brook trout (1983), rainbow trout (2011)
<i>Contaminants (species tested):</i> .....	lake trout, largemouth bass
<i>Assessment:</i>	<b>Completed Projects:</b>
	1928 lake summary
	1953 biological survey report
	1967 lake survey
	1971 lake survey
	1975 lake survey
	1979 contaminant sampling
	2005 Nordic fish community netting
	2009 Nordic fish community netting
	2014 Nordic fish community netting

### Synopsis

According to the 1928 summary brook trout were native to the lake and were caught by lumbermen working in the area, though the quality of the fishery seemed to be limited. Walleye were stocked for a few years from 1939-1942, but failed to establish a population, not surprisingly, as habitat for the species is limited. Brook, lake and rainbow trout have all been stocked, with rainbow being stocked most recently. Habitat is somewhat limited for lake trout, although two were caught in the 2005 assessment; presumably remnant stocked fish. The establishment of largemouth bass, through an unauthorized introduction would result poor survival of brook trout.

The 1967 survey lists longnose sucker as being present. This is probably an error as none have been documented since that time.

Crosson Lake is located entirely within Bigwind Lake Provincial Park (non-operating). An MNR Junior Ranger camp was once located on the south shore of the lake; remnants of some of the buildings can still be seen.

Crosson Lake is studied intensively by the MOE Dorset Environmental Science Centre. It is one of about 8 lakes in the Muskoka area where water quality information has been collected continuously for over thirty years, providing high quality data for monitoring long term changes caused by stresses such as acid rain, contaminants and climate change.

Rainbow trout stocking was discontinued after 2011 due to a combination of deteriorating road conditions, which hampered access by hatchery truck and by request of the park manager as rainbow trout are a non-native species.

In 2014, a smallmouth bass was caught incidentally by MOE while collecting crayfish.

Updated: 2015

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

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