

*Natural. Valued. Protected.*

Lake Fact Sheet – Parry Sound District

# McGuire Lake

Location	
Official Name:..... Unnamed	Local Names:..... McGuire Lake
County/District:..... Nipissing	Geographic Twp:..... Butt
Municipality:..... Town of Kearney	MNR Admin. Area:..... Bracebridge
Lat./Long:..... 45.728 N 79.077 W	UTM (NAD83):..... 17 649588 5065723
Topographic Map (1:50,000):..... 31E11	Drainage Basin:..... North Magnetawan River

Physical Features		
Surface Area (ha):..... 4	Maximum Depth (m):..... 8	Mean Depth (m):..... 3
Elevation (m asl):..... 442	Perimeter (km):..... 1	Island Shoreline (km):..... 0
Volume (10 <sup>4</sup> m <sup>3</sup> ):..... 12	Watershed (km <sup>2</sup> ):..... (excludes area of lake)	Water Clarity (m):..... 2

Land Use and Development	
Crown Land (%):..... 100	Provincial Parks:..... none
Shoreline Development:.....	open pit graphite mine directly across road
Access:.....	public; Forestry Tower Road
Water Level Management:.....	not regulated

Fish Species	
Major Fish Species:.....	brook trout
Other Fish Species:.....	brown bullhead, white sucker, lake chub, northern redbelly dace, creek chub, fathead minnow
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> .....	not designated
<i>Fishing Regulation Exceptions</i> .....	live fish may not be used as bait or possessed for use as bait
<i>Current Stocking:</i> .....	none
<i>Historic Stocking (last year stocked):</i> .....	none
<i>Contaminants (species tested):</i> .....	no testing done
<i>Assessment:</i>	<i>Completed Projects:</i>
	1977 lake survey
	1987 lake survey
	1992 Fish Habitat Evaluation

## Synopsis

McGuire Lake is located adjacent to Graphite Lake in Butt Township. An open pit graphite mine is directly beside the lake with only a narrow rock pillar separating the lake from the pit. The mine has not been in operation since 1994, however, it is in the process of possibly reopening. A considerable amount of fisheries assessment work has been completed on the lake in response to concerns over the impact of changes to water quality caused by run-off from the adjacent graphite mine.

Currently, a small, self sustaining brook trout population inhabits McGuire Lake. According to locals the lake has been moderately fished over the years. There is currently a ban on live bait fish in the lake to protect the lake, and the natural brook trout population, from invasive species.

Updated: 2012

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

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