

*Natural. Valued. Protected.*

## Lake Fact Sheet – Parry Sound District South Branch Lake

### Location

Official Name:..... Unnamed    Local Names:.....South Branch Lake  
 County/District:..... Nipissing    Geographic Twp:.....Butt  
 Municipality:..... Town of Kearney    MNR Admin. Area:.....Bracebridge  
 Lat./Long:.....45.668 N 79.059 W    UTM (NAD83):..... 17 651157 5059029  
 Topographic Map (1:50,000):.....31E11    Drainage Basin:..... Magnetawan River

### Physical Features

Surface Area (ha):.....23    Maximum Depth (m):..... 10    Mean Depth (m):..... 4  
 Elevation (m asl):.....442    Perimeter (km):..... 4    Island Shoreline (km):..... 0  
 Volume (10<sup>4</sup> m<sup>3</sup>):.....91    Watershed (km<sup>2</sup>):.....    Water Clarity (m):..... 4.6  
 (excludes area of lake)

### Land Use and Development

Crown Land (%):.....100    Provincial Parks:.....none  
 Shoreline Development:..... none  
 Access:.....public; Crown land access trails from Forestry Tower Road, east of Kearney  
 Water Level Management:..... not regulated

### Fish Species

Major Fish Species:.....yellow perch, brook trout (R?)  
 Other Fish Species:..... white sucker, creek chub, common shiner, pearl dace, pumpkinseed  
 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> .....		no lake-specific exceptions
<i>Current Stocking:</i> .....		none
<i>Historic Stocking (last year stocked):</i> .....		brook trout (1947)
<i>Contaminants (species tested):</i> .....		no testing done
<i>Assessment:</i>	<i>Completed Projects:</i>	
	1974	lake survey
	1987	lake survey

### Synopsis

South Branch Lake in Butt Township was originally surveyed in 1974. The fish community at that time included brook trout (1), common white sucker, and yellow perch. Brook trout stocking was discontinued due to an established yellow perch population in the lake. No brook trout were sampled during a two-day inventory and assessment carried out in 1987. It was felt at this time that the brook trout population had been reduced to very low numbers, or possibly had been extirpated from the lake. The lake continues to be treated as a naturally reproducing brook trout lake with limited potential due to the presence of a well-established yellow perch population though the fishery would probably be more productive if an alternative species such as splake was stocked.

### 2017 Broad-scale Monitoring

South Branch Lake was sampled in 2017 as a “trend” lake for Cycle 2 of the provincial Broad-scale Monitoring program. Results will be reported through that program. Three species not previously documented in the lake were captured; Common Shiner, Pearl Dace and Pumpkinseed. Three Brook Trout were captured as well, indicating a remnant population still exists in the lake.

Updated: 2018

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

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