Lake Fact Sheet – Parry Sound District

Bacon Lake

Location

Official Name:	Bacon Lake	*Local Names:*	
County/District:	Parry Sound	*Geographic Twp:*	Laurier
Municipality:	Unorganized	*MNR Admin. Area:*	Bracebridge
Lat./Long:	45.881 N 79.349 W	*UTM (NAD83):*	17 628057 5082193
Topographic Map (1:50,000):	31E14	*Drainage Basin:*	South River

Physical Features

Surface Area (ha):	43	*Maximum Depth (m):*	14	*Mean Depth (m):*	6
Elevation (m asl):	366	*Perimeter (km):*	4	*Island Shoreline (km):*	0
Volume (10^4 m^3):	265	*Watershed (km^2):* (excludes area of lake)	2.8	*Water Clarity (m):*	8

Land Use and Development

Crown Land (%):	20	*Provincial Parks:*	Louck Lake Wetland Conservation Reserve
Shoreline Development:	low; shoreline residential		
Access:	unknown		
Water Level Management:	not regulated		

Fish Species

Major Fish Species:	yellow perch, brook trout (R), lake trout (?)
Other Fish Species:	brown bullhead, white sucker, lake chub, brook stickleback, pumpkinseed burbot, pearl dace, golden shiner, spottail shiner, creek chub
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

Fisheries Management Zone: 15

Designation for Lake Trout Management: ..... not designated

Fishing Regulation Exceptions ..... no lake-specific exceptions

Current Stocking: ..... none

Historic Stocking (last year stocked): ..... brook trout (1966), lake trout (1982)

Contaminants (species tested): ..... lake trout

Assessment: Completed Projects:

1952	lake survey
1971	lake survey
1984	lake trout population assessment

Synopsis

Bacon Lake, with a mean depth of 6 meters and a maximum depth of 14 meters does not have sufficient depth to sustain a productive lake trout population. A temperature-oxygen profile from August 22, 1984, shows no optimal lake trout habitat (<10oC, >6ppm O2) and approximately two meters of useable habitat (<15oC, >4ppm O2). Despite restricted public access in the summer and legal but difficult winter access, the lake was stocked regularly with brook trout and lake trout from 1942 to 1982. The original lake survey in 1952 suggests that lake trout and brook trout were the original species of game fish present. The presence of lake trout in Bacon Lake prior to stocking (1942) has not been confirmed.

Bacon Lake is not formally designated for lake trout management, though a small population may still persist.

No brook trout were caught in the 1984 assessment. The presence of perch usually results in a marginal brook trout population due to predation by perch on small trout.

Given the long amount of time that has passed since the last assessment, it is possible that additional species, such as bass which are widely stocked illegally, are now present in the lake.

Updated: 2020

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

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