Lake Fact Sheet – Parry Sound District

Arbuckle Lake

Location

Official Name:	Arbuckle Lake	*Local Names:*	
County/District:	Haliburton	*Geographic Twp:*	McClintock
Municipality:	Township of Algonquin Highlands	*MNR Admin. Area:*	Bracebridge
Lat./Long:	45.372 N 78.819 W	*UTM (NAD83):*	17 670745 5026614
Topographic Map (1:50,000):	31E07	*Drainage Basin:*	Oxtongue River

Physical Features

Surface Area (ha):	22	*Maximum Depth (m):*	7	*Mean Depth (m):*	3
Elevation (m asl):	412	*Perimeter (km):*	3	*Island Shoreline (km):*	0
Volume (10^4 $m^{3:}$):	60	*Watershed (km^2):* (excludes area of lake)		*Water Clarity (m):*	3

Land Use and Development

Crown Land (%):	100	*Provincial Parks:*	none
Shoreline Development:	low; recreation camp		
Access:	public; Troutspawn Lake road to Crown land trail		
Water Level Management:	not regulated		

Fish Species

Major Fish Species:	brook trout (R)
Other Fish Species:	white sucker, creek chub, lake chub, fathead minnow, common shiner, Pearl Dace, northern redbelly dace
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 (1962)

Contaminants (species tested): ..... no testing done

Assessment: Completed Projects:

1985	lake survey
2007	Brook Trout Index Netting

Synopsis

A lake survey was completed on Arbuckle Lake in 1972 with relatively successful catches of brook trout. At this time it was under the assumption that brook trout were reproducing in the lake, as previous stocking efforts had ceased in 1962. In accordance to this a brook trout index netting survey took place in 2007. This survey, although of short duration, did not catch any brook trout and concluded that brook trout were either extirpated from the lake or were present in a lower density than originally believed.

2017 – Broadscale Monitoring

Arbuckle 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. One species not previously documented was captured; pearl dace. Two Brook trout were documented indicating the species continues to persist. It is thought that pearl dace are native to the lake.

Updated: 2018

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

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