Lake Fact Sheet – Parry Sound District

Armstrong Lake

Location

Official Name:	Armstrong Lake	*Local Names:*	
County/District:	Parry Sound	*Geographic Twp:*	McKellar
Municipality:	Township of McKellar	*MNR Admin. Area:*	Parry Sound
Lat./Long:	45.512 N 79.915 W	*UTM (NAD83):*	17 584720 5040430
Topographic Map (1:50,000):	31E12	*Drainage Basin:*	Seguin River

Physical Features

Surface Area (ha):	21	*Maximum Depth (m):*	13	*Mean Depth (m):*	6
Elevation (m asl):	244	*Perimeter (km):*	2.7	*Island Shoreline (km):*	0.2
Volume (10^4 m^3):	132	*Watershed (km^2):* (excludes area of lake)	1.2	*Water Clarity (m):*	3

Land Use and Development

Crown Land (%):	0	*Provincial Parks:*	none
Shoreline Development:	low; shoreline residential, commercial, municipal park		
Access:	public: parking and access available at Township of McKellar Municipal Office		
Water Level Management:	not regulated		

Fish Species

Major Fish Species:	Northern Pike (I 2016), Walleye (I?), Smallmouth Bass (I?), Largemouth Bass (I 2016)
Other Fish Species:	Yellow Perch, White Sucker, Pumpkinseed, Rock Bass, (I 2016), Golden 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:..... Walleye; being stocked on a trial basis as a put-grow-take fishery; stocked biennially with fingerlings

Historic Stocking (last year stocked):.....Brook Trout (1967-1968, 2015), Smallmouth Bass (1940-1961)

Contaminants (species tested): .....Northern Pike, Smallmouth Bass, Walleye

Synopsis

The 1973 lake inventory captured smallmouth bass, walleye and yellow perch.

In the winter of 2015 adult brook trout, retired brood stock from MNR's North Bay Fish Culture Station were stocked to create a short term fishery. They are not expected to reproduce and regular stocking is not planned.

A survey was conducted in 2016 using the Broad-scale Monitoring netting protocol. Five new species were documented: Golden Shiner and Creek Chub which may be native, and Northern Pike, Largemouth Bass and Rock Bass which were illegally introduced. The Walleye population is low abundance and marginally able to support a fishery. Put-grow-take stocking could be considered but success would have to be monitored as it is uncertain how successful it would be given the available habitat and diversity of competing species. Alternatively, the lake appears to be a good candidate for a Black Crappie introduction.

Put-grow-take stocking began in 2018. The first cohort of stocked fish should be reaching catchable size in 3-4 years. It is too early to determine if this stocking will be successful and continued.

Updated: 2022

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

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