

MALCOLM LAKE

LOCATION:

Malcolm Lake is located in the Township of North Frontenac, south of the town of Ardoch, and flows east to west into Ardoch Lake.

SIZE / DEPTH:

Width - 0.7 kilometres.

Maximum Depth - 4.6 metres

Length - 3.0 kilometres.

Shoreline - 2.7 kilometres.

Surface Area - 1.96 kilometres squared

QUALITY:

In general the water quality in Malcolm Lake remains very good. Malcolm Lake is rather unique when compared to other lakes in the area because of the littoral zone (the zone where sunlight can penetrate to the bottom) covers 100% of the lake. Shallow lakes are generally more productive than deeper lakes because of the large littoral zone. The maximum recorded depth is 4.6 meters. Water clarity has remained relatively the same since 1971. Measurements average 4.5 meters indicating a moderately enriched or an mesotrophic lake. Phosphorus concentration has changed very little since 1976, levels remain well below the Provincial Objective. Chlorophyll a is the green pigment found in algae, densities have declined slightly since 1976. Current results indicate that Malcolm Lake has a moderate algal density.

SURROUNDING LAND:

of Cottages - 33 (as of 1976)

Vacant Lots - 24 (as of 1976)

Patent Land - 100% (as of 1976)

A survey done in 1986 reveal the number of residents permanent and seasonal equal 41.

ACCESS:

Marine access point is available on Malcolm Lake at the inlet, where Ardoch Lake flows into Malcolm Lake, near the bridge.

FISH:

Walleye (Yellow Pickerel)

Yellow Perch

Northern Pike

White Sucker

Smallmouth Bass

Rock Bass

Largemouth Bass

Pumpkinseed (Sunfish)