

SUNDAY LAKE

LOCATION:

Sunday Lake is located in the newly amalgamated Township of North Frontenac.

SIZE / DEPTH:

Area - 57.87 hectares

Perimeter - 6.64 kilometres

Maximum Depth - 15.8 metres

QUALITY:

In general the water quality in Sunday Lake is very good. The average clarity depth is 4.8 metres indicating Sunday Lake as a moderately enriched lake (some nutrients) or mesotrophic lake. Directly related to water clarity is the amount of nutrients, in particular phosphorus, entering the lake. The Provincial Water Quality Objective for Total Phosphorus for Sunday Lake is 20 micrograms per litre. The average calculated from the total phosphorus results for 2000 for the euphotic zone (penetration of light) was 10.8 micrograms per litre and the sample taken one metre off the bottom was 21.8 micrograms per litre, again indicating a moderately enriched lake. Chlorophyll a is a measure of the algal density in the lake. The average chlorophyll a densities for the 2000 was 0.78 micrograms per litre indicating a low algal density for Sunday Lake.

SURROUNDING LAND:

There are few residence/cottagers located on Sunday Lake.

ACCESS:

FISH:

Walleye (Yellow Pickerel)

Northern Pike

Smallmouth Bass

Largemouth Bass

Yellow Perch

Brown Bullhead

Rock Bass

Pumpkinseed (Sunfish)