WHITE LAKE

LOCATION:

White Lake is located off of Highway # 7, west of Sharbot Lake in the newly amalgamated Township of Central Frontenac.

SIZE / DEPTH:

Maximum Depth - 29.6 metres Length - 3.25 kilometres Width - 0.8 kilometres Perimetre - 8.1 kilometre

QUALITY:

In general the water quality in White Lake is good. The average Secchi Disk reading observed was 4.1 metres indicating a moderately enriched (some nutrients) or mesotrophic lake. Directly related to water clarity is the amount o nutrients, in particular phosphorus, entering the lake. The Provincial Water Quality Objective for Total Phosphorus for White Lake is 20 micrograms per litre. The average for the euphotic zone (penetration of light) for 2001 was 6.3 micrograms per litre indicating a unenriched (few nutrients) or oligotrophic lake. The average for the sample taken one metre off the bottom was higher at 25.9 micrograms per litre, indicating a enriched (too many nutrients) or an euphotic lake. Chlorophyll <u>a</u> is a measure of the algal density in the lake. The average chlorophyll <u>a</u> densities for the sampling station in 2001 was 2.60 micrograms per litre indicating a moderate algal density for White Lake in 2001.

SURROUNDING LAND:

of Cottages - 14 (as of 1972)

ACCESS:

No public access is available for White Lake.

FISH:

Smallmouth Bass Walleye (Yellow Pickerel)

Largemouth Bass Yellow Perch

Northern Pike

White Lake is also designated as a Fish Sanctuary and hosts the Ministry of Natural Resources Fish Hatchery.

INVADING SPECIES:

Zebra Mussels (as of 2001)