



PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

Gord Pollock, Broker

Century 21 Granite Properties Ltd Brokerage
33 James Street, Parry Sound, Ontario P2A 1T6

Business: 705-746-2158 , Fax: 705-746-4746

Residence: 705-746-4816 , Cell: 705-774-0955

Website: www.gordpollock.com Email: gord@gordpollock.com

Otter (Little) Lake

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Revised:

Location:

MNR District:..... Parry Sound
Geographic Township: Foley
Municipal Township: Seguin
Watershed: Boyne River
Angling Division: 15

Basin and Terrain Characteristics:

Lake Survey Year: 1971
Surface Area:..... 68.1 hectares
Maximum Depth: 5.2 meters
Mean Depth: 2.7 meters
Perimeter: 6.4 km
Island shoreline: 0.0 km
Littoral Zone: 100%
Thermal Regime: Cool
Shoreline Development: 17 Cottages, 3 Resorts
Access Points: Road (Public)
Water Level: Regulated
Crown Land: 0% Shoreline

Water Quality:

(Parameters pertain to fisheries habitat only. For information on potability of water or contaminants, contact Min. of Health and Min. of Environment.)

Secchi reading: 1.3 meters
Colour: Blue/Green

Dissolved Oxygen:**Alkalinity:** 46.8 mg/l**pH:** 8.0**Total Phosphorus:** 5.5 ug/l (1989)**M.E.I.:** 14.2**“Guide to eating fish”:** No Information**Fisheries:****Game Fish Species:** Northern Pike, Smallmouth Bass, Largemouth Bass**Other species present:** Rainbow Smelt, White Sucker, Rock Bass, Pumpkinseed, Long Ear Sunfish**Exotic Species:****Stocking Record:****Stress Type:** Contaminants, Point Source Pollution**Use Type:** Snowmobile Trail, Recreation, Recreational Fishing, Tourism Based Industry**Summary of Fisheries Studies / Reports:**Keller & Conroy 1975 A Report on the **Quality of Selected Waters** in the Township of Foley

- Chlorophyll “a” ranged from 0.9 to 3.5 with a mean of 2.2 ug/l
- pH ranged from 6.2 – 6.4
- Alkalinity ranged from 8 – 12 mg/l
- Total Phosphorous ranged from 10 – 27 ug/l

Michalski & Conroy 1971 The **Oligotrophication of Little Otter Lake**, Parry Sound District

- during July and August 1971, 265 kg of phosphorous was discharged into lake
- the lake showed signs of accelerating eutrophication
- phosphorous discharge was discontinued in 1971 and in 1972 the lake showed signs of reverting back towards a more oligotrophic state

Management Prescription:

