



## PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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### Otter (Little) Lake

*Created: November 03*

*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:**

