



## PARRY SOUND AREA LAKE SUMMARIES



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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](http://www.gordpollock.com) Email: [gord@gordpollock.com](mailto:gord@gordpollock.com)

### **Martin Lake**

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#### **Location:**

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

#### **Basin and Terrain Characteristics:**

Lake Survey Year: ..... 1976  
Surface Area:..... 109 hectares  
Maximum Depth: ..... 15.6 meters  
Mean Depth: ..... 4.7 meters  
Perimeter: ..... 10.5 km  
Island shoreline: ..... 2.9 km  
Littoral Zone: ..... 70%  
Thermal Regime: ..... Cool  
Shoreline Development: ..... 3 Cottages  
Access Points: ..... Road (Private)  
Water Level: ..... Regulated (by Parry Sound Power Generation)  
Crown Land: ..... 80% 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: 2.9 meters  
Colour: Yellow/Brown

**Dissolved Oxygen:** Low oxygen levels below 30' (MNR, 1976)  
**Alkalinity:** 6.8 Level 3 – Moderately Sensitive (MoE, 1989)  
**pH:** 7 (MNR, 1976)  
**Total Phosphorus:**  
**M.E.I.:** 4.3 (1985)

**“Guide to eating fish”:** No Information

### **Fisheries:**

**Game Fish Species:** Smallmouth Bass (1982), Largemouth Bass (1982), Yellow Perch (1982)

**Other species present:** Cisco, White Sucker (1982), Brown Bullhead (1982), Pumpkinseed (1982), Chub sp.

**Exotic Species:**

**Stocking Record:**

**Stress Type:** Water level manipulation

**Use Type:**

### **Summary of Fisheries Studies / Reports:**

MNR 1982 Raw Data on File: **Largemouth Bass Transfer**

- 45 largemouth bass trapped and transferred to Santa Lake (Christie Twp.)

MNR 1981 **General Assessment**

- 9 largemouth bass transferred to Fume Lake (Christie Twp.)
- 21 brown bullhead were removed

Thurston, L. 1978 **Comparison of Eight Bass Fisheries** In The Parry Sound Forest District

- Reproduction is excellent for largemouth bass.
- Older age classes are underrepresented suggesting overexploitation. The removal of adults for transfer would have contributed.
- Report indicates in 1976 a total of 219 adult largemouth bass were removed and transferred

MNR 1978 **General Assessment**

- A total of 251 adult largemouth bass transferred to district lakes.

### **Management Prescription:**

Manage as naturalized, self-sustaining smallmouth and largemouth bass fishery.