



## PARRY SOUND AREA LAKE SUMMARIES



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### Mill Lake

*Created: October 03*

*Revised:*

#### **Location:**

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

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

**Lake Survey Year:** ..... 1970  
**Surface Area:**..... 619.2 hectares  
**Maximum Depth:** ..... 40.9 meters  
**Mean Depth:** ..... 16.9 meters  
**Perimeter:** ..... 29.3 km  
**Island shoreline:** ..... 1.9 km  
**Littoral Zone:** ..... 34%  
**Thermal Regime:** ..... Cool  
**Shoreline Development:** ..... 100 Cottages, 1 Resort & adjacent 50 residence sub-division  
(1988)  
**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:** 2.0 meters

**Colour:****Dissolved Oxygen:****Alkalinity:** 6.55 – Level 3 Moderately Sensitive (MoE, 1989)**pH:** 6.1 (1989)**Total Phosphorus:****M.E.I.:** 1.4

**“Guide to eating fish”:** Restrictions for Smallmouth bass and Walleye refer to the current “Guide to Eating Ontario Sport Fish”

**Fisheries:**

**Game Fish Species:** Northern Pike (1990), Walleye (1990), Splake (1983), Black Crappie (1990), Smallmouth Bass (1990), Lake Trout (1987)

**Other species present:** Lake Whitefish (1987), Cisco (1987), White Sucker (1990), Pumpkinseed (1990), Rock Bass (1990), Brown Bullhead (1990), Carp (1966, Origin?)

**Exotic Species:**

**Stocking Record:** 1985 Splake 3,300 yearling  
1983 Splake 1,800 17 month  
1975 Lake Trout 2,000 2 years  
1974 Lake Trout 3,000 15 months  
1968 Lake Trout 3,000 yearling  
1966 Lake Trout 2,000 yearling  
1964 Lake Trout 2,000 yearling  
1961 Lake Trout 2,000 17 weeks  
1960 Lake Trout 2,000 yearling  
1956 Smallmouth Bass 300 fingerling  
1954 Lake Trout 2,000 yearling  
1954 Walleye 200,000 eyed eggs  
1953 Walleye 300,000 eyed eggs  
1953 Smallmouth Bass 300 fingerling  
1952 Smallmouth Bass 300 fingerling  
1940 Smallmouth Bass 5,000 fry  
1940 Walleye 200,000 fry

**Stress Type:**

**Use Type:** Recreation, Recreational Fishing, Tourism Based Industry

**Summary of Fisheries Studies / Reports:**

Thurston, L. 1991 Summary of the 1990 **Trap Net Survey** on Mill Lake

- Walleye has moderate abundance but low recruitment
- Smallmouth Bass has high abundance and good recruitment
- Northern Pike has low abundance
- Black Crappie netted for the first time this year.

McIntyre, E. 1988 Mill Lake – F1 **Splake Stocking Report**

- No Splake were caught
- Recommends discontinuing splake planting due to poor survival

Thurston, L. 1977 Summary of Two Years (1976-77) of **Lake Trout Assessment Work**, Parry Sound District

- Report recommends that managing for Lake Trout be discontinued.

MNR 1973 & 1978 **Intensive Creel Survey**

- 1978 - 3 checks for 23.25 man hours yielded 2 walleye and 1 lake trout; walleye sought
- 1973 - 1 check for 0.25 man hours yielded no fish; walleye sought

**Management Prescription:**