



PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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Pearceley Lake

Created: October 03

Revised:

Location:

MNR District:..... Parry Sound

Geographic Township: Chapman

Municipal Township: Magnetawan

Watershed:

Angling Division: 15

Basin and Terrain Characteristics:

Lake Survey Year: 1972

Surface Area:..... 44.1 hectares

Maximum Depth: 9.2 meters

Mean Depth: 4.2 meters

Perimeter: 3.1 km

Island shoreline: 0.3 km

Littoral Zone: 68%

Thermal Regime: Cold

Shoreline Development: 2 Cottages

Access Points: Road (Private)

Water Level: Not Regulated

Crown Land: 60%

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: 5.8 meters

Colour: Colourless

Dissolved Oxygen:**Alkalinity:** 0.09 – Level 1 Acidic (MoE, 1989)**pH:** 5.22 (1989)**Total Phosphorus:** 4.5 ug/l (1985)**M.E.I.:** 4.1 (1985)**“Guide to eating fish”:** No Information**Fisheries:****Game Fish Species:** Splake (1968), Brook Trout (1990), Rainbow Trout (1971)**Other species present:** White Sucker (1968), Creek Chub (?), Pearl Dace (1990), Northern Redbelly Dace (1990), Brown Bullhead (1990), Brook Stickleback (1990), Golden Shiner (1990)**Exotic Species:**

Stocking Record: 2002 Splake 500 yearling
1999 Splake 1,000 yearling
1997 Splake 2,000 yearling
1995 Splake 2,000 yearling
1993 Splake 1,700 yearling
1991 Splake 4,000 yearling
1989 Splake 3,000 yearling
1983 Brook Trout 1,500 yearling
1981 Brook Trout 1,500 yearling
1971 Rainbow Trout 100 yearling
1968 Brook Trout 2,000 yearling
1966 Brook Trout 1,000 yearling
1964 Brook Trout 1,000 yearling
1962 Brook Trout 1,000 yearling
1961 Brook Trout 500 yearling
1960 Brook Trout 500 yearling
1959 Brook Trout 500 yearling
1958 Brook Trout 1,000 yearling
1957 Brook Trout 2,000 yearling
1956 Brook Trout 1,000 yearling

Stress Type: Acidification**Use Type:** Recreational Fishing, Canoe Route**Summary of Fisheries Studies / Reports:**

McMurty, M. 1986 **Fisheries Assessment** program in Little Whetstone, Pearceley and Windfall Lakes

- Does not stratify completely
- No white sucker were captured, they possibly have disappeared due to acidic conditions.

- There are symptoms of acidification stress in the fish community
- Brook Trout spawning habitat exists but few native fish were caught.

Management Prescription: