



PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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Rainy Lake (Shawanaga)

Created: November 03

Revised:

Location:

MNR District:..... Parry Sound
Geographic Township: Shawanaga
Municipal Township: Unincorporated
Watershed: Shebeshekong River
Angling Division: 15

Basin and Terrain Characteristics:

Lake Survey Year: 1974
Surface Area:..... 53.9 hectares
Maximum Depth: 4.9 meters
Mean Depth: 2.3 meters
Perimeter: 5.6 km
Island shoreline: 1.1 km
Littoral Zone: 100%
Thermal Regime: Cool
Shoreline Development: 1 Resort
Access Points: Road (Public)
Water Level: Not Regulated
Crown Land: 75% 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: 1.7 meters

Colour:

Dissolved Oxygen:**Alkalinity:** 13.7 – Level 3 Moderately Sensitive (MoE,1989)**pH:** 6.6**Total Phosphorus:****M.E.I.:** 15.1**“Guide to eating fish”:** No Information**Fisheries:****Game Fish Species:** Smallmouth Bass, Largemouth Bass (2003), Northern Pike(2003), Yellow Perch**Other species present:** White Sucker (2003), Golden Shiner, Brown Bullhead, Pumpkinseed**Exotic Species:**

Stocking Record: 1975 Largemouth Bass 5,000 fry
1972 Smallmouth Bass 5,000 fingerling
1971 Smallmouth Bass 1,000 fingerling
1964 Smallmouth Bass 2,000 fingerling
1958 Smallmouth Bass 1,000 fingerling
1957 Smallmouth Bass 1,000 fingerling
1957 Largemouth Bass 5,000 fry
1956 Smallmouth Bass 30 adult
1956 Smallmouth Bass 500 fingerling

Stress Type:**Use Type:** Recreation, Recreational Fishing, Tourism Based Industry**Summary of Fisheries Studies / Reports:**

Stantec 2003 **CPR Derailment**, mile 39.4 Parry Sound Division, Ontario. **Aquatic Impact Assessment** of Rainy Lake, 2003

- An impact assessment conducted due to a train derailment that spilled styrene and glycol into a wetland upstream of Rainy Lake. A small portion of the products escaped to Rainy Lake and a wetland area west of Shebeshekong Road.
- Styrene and Glycol levels in the exposure area of the lake never exceeded Provincial Water Quality Objectives
- Benthic invertebrate assessment showed no sign of impairment
- Fish sampled and tested showed no signs of health impairment nor was styrene detected in any of the samples
- Recommends no further assessment of aquatic communities is required
- The spill of styrene and glycol had no effect on fish, fish habitat or the beneficial uses of fisheries resource in Rainy Lake and further downstream

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Management Prescription: