

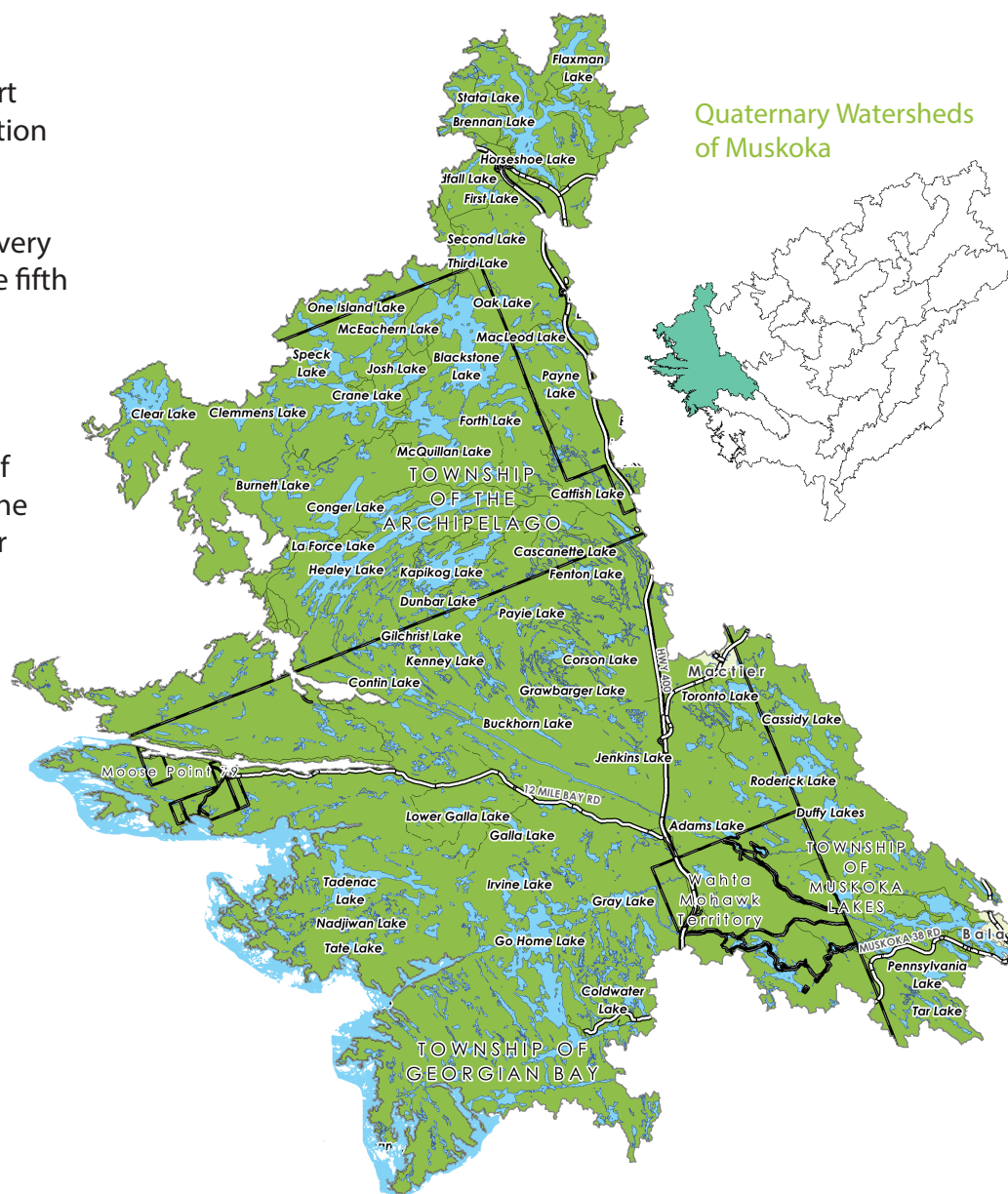


2018 Muskoka Watershed Report Card

Quaternary Watershed: MOON RIVER

The Muskoka Watershed Report Card is a science based evaluation of the health of Muskoka's watersheds. It is produced by Muskoka Watershed Council every four years, with 2018 being the fifth Report Card.

The Report Card provides a snapshot of watershed health by evaluating 8 indicators, 4 of which measure the health of the watershed, and 4 that consider potential threats.



Moon River Watershed Stats:

Total Area (hectares)	Largest Lake	# of Lakes (over 8 hectares)	% Crown Land
71,588	Healey Lake (760 ha)	37	49
# of Dams	% Wetland	% Protected Area (provincial parks, crown nature reserves, local land trusts)	
5	11	17	



Total Phosphorous

Not Stressed



24/24 sampled lakes in the Moon River Watershed have steady phosphorous concentrations.

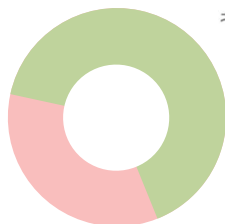
Benthic Macroinvertebrates

Typical

of Lakes Sampled: 3

66% Typical

33% Extremely Atypical

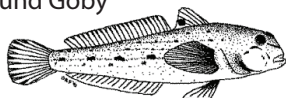


Invasive Species

Vulnerable

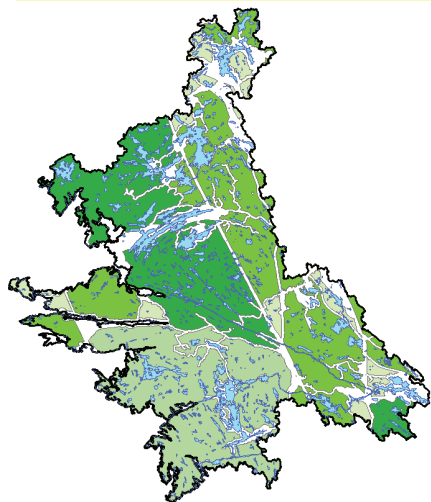
Invasive species reported in this watershed:

- Phragmites
- Purple Loosestrife
- Japanese Knotweed
- Rainbow Smelt
- Rusty Cray Fish
- Spiny Waterflea
- Eurasian Water Milfoil
- Giant Hogweed
- Round Goby



Fragmentation

Vulnerable



Size of Patches:

200 - 499 ha

500 - 4,999 ha

5,000 - 9,999 ha

10,000+ ha

78% OF LAND
IS NATURAL AREA

22% OF LAND
IS FRAGMENTED

Calcium

Not Stressed

13 Lakes

NOT STRESSED
(>2.0 mg/L)

3 Lakes

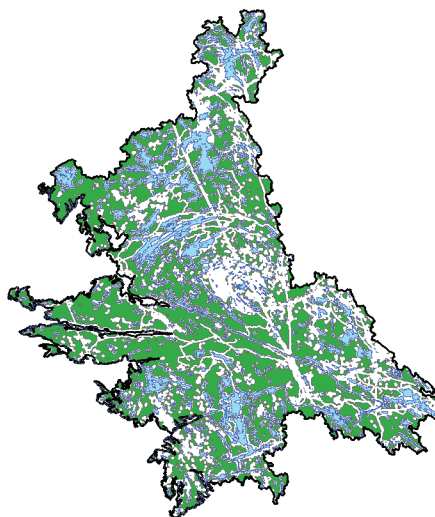
VULNERABLE
($1.5-2$ mg/L)

1 Lake

STRESSED
(<1.5 mg/L)

Interior Forest

Vulnerable



42% OF LAND
IS INTERIOR FOREST

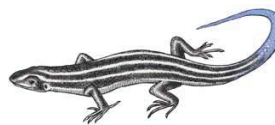
29,778

HECTARES OF INTERIOR FOREST

Species At Risk

Not Graded

There are 46 species at risk in the Muskoka Watershed and the **Common Five-lined Skink** is one of them!



Climate Change

Vulnerable

Lakes in Muskoka today have approximately **3 weeks** less winter ice cover than in 1975.

Summer water temperatures in Muskoka's lakes are **0.5°C** warmer on average than in 1980.

