



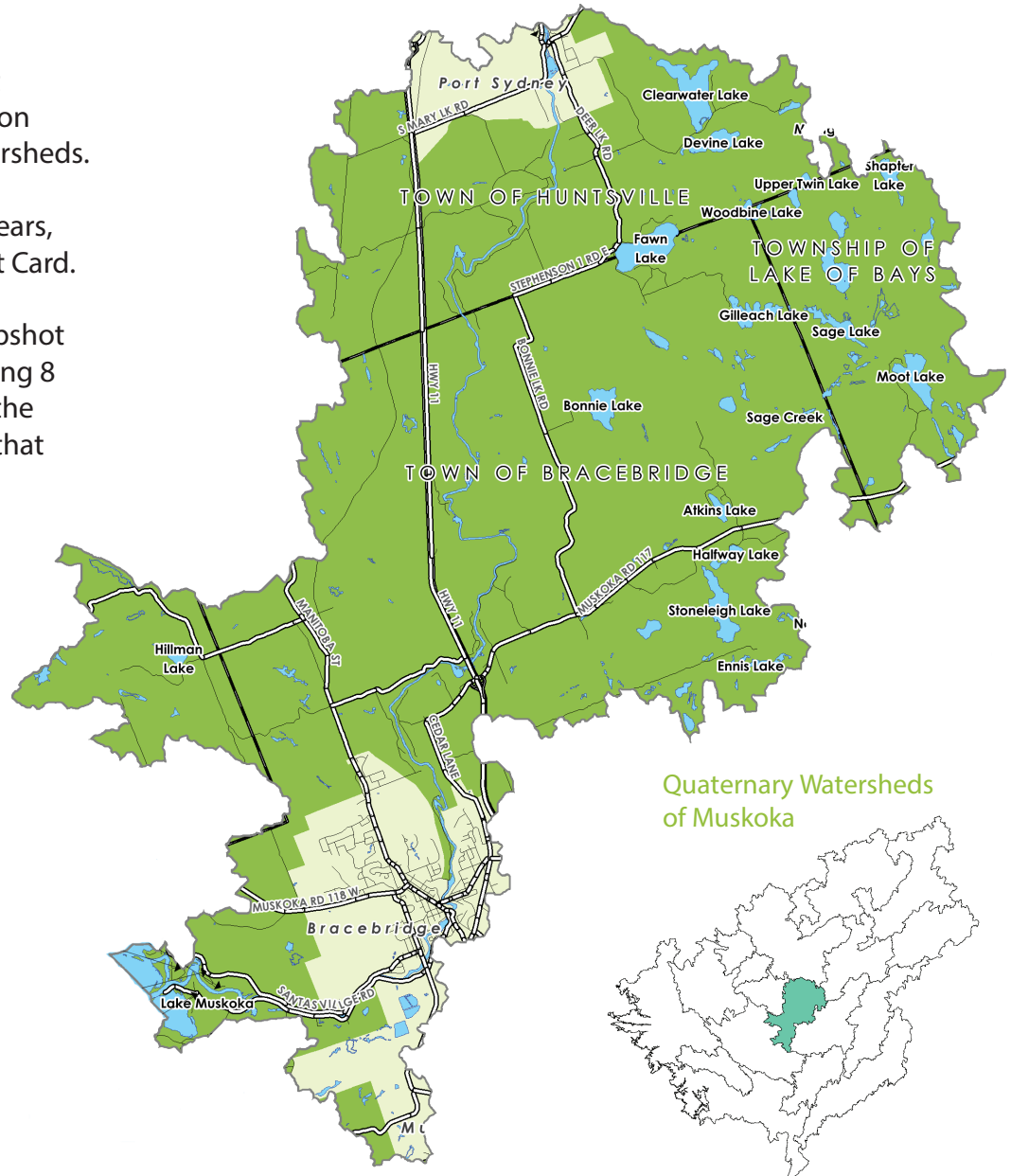
2018 Muskoka Watershed Report Card

Quaternary Watershed:

NORTH MUSKOKA 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.



Quaternary Watersheds of Muskoka

North Muskoka River Watershed Stats:

Total Area (hectares)	Largest Lake	# of Lakes (over 8 hectares)	% Crown Land
24,890	Clearwater Lake (85 ha)	21	8
% Protected Area (provincial parks, crown nature reserves, local land trusts)			
# of Dams	% Wetland		
5	9	0	



Muskoka
WATERSHED COUNCIL

Dive deeper into the story map at www.muskokawatershed.org/reportcard-story-map

Total Phosphorous

Not Stressed



9/9 sampled lakes in the North Muskoka River Watershed have steady phosphorous concentrations.

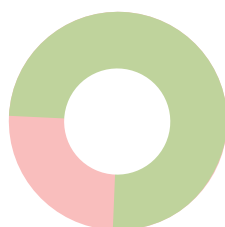
Benthic Macroinvertebrates

Typical

of Lakes Sampled: 3

66% Typical

33% Extremely Atypical



Invasive Species

Not Stressed

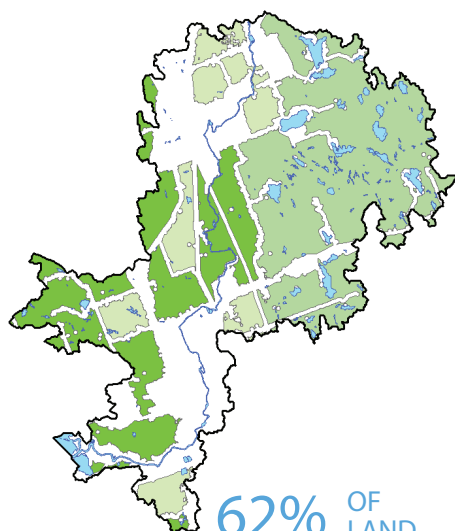
Invasive species reported in this watershed:

- Phragmites
- Purple Loosestrife
- Japanese Knotweed
- Rusty Cray Fish
- Spiny Waterflea
- Giant Hogweed
- Round Goby



Fragmentation

Vulnerable



Size of Patches:

200 - 499 ha

500 - 4,999 ha

5,000 - 9,999 ha

10,000+ ha

62% OF LAND
IS NATURAL AREA

38% OF LAND
IS FRAGMENTED

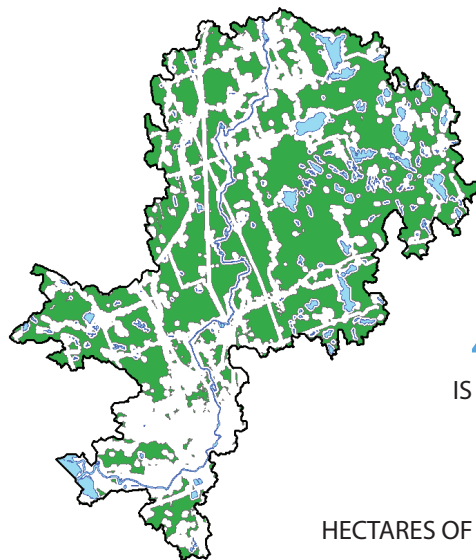
Calcium

Vulnerable

4 Lakes NOT STRESSED (>2.0 mg/L) 2 Lakes VULNERABLE (1.5-2 mg/L) 3 Lakes STRESSED (<1.5 mg/L)

Interior Forest

Vulnerable



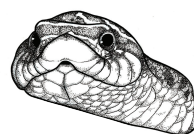
46% OF LAND
IS INTERIOR FOREST

11,505
HECTARES OF INTERIOR FOREST

Species At Risk

Not Graded

There are 46 species at risk in the Muskoka Watershed and the **Eastern Hog-nosed Snake** 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.

