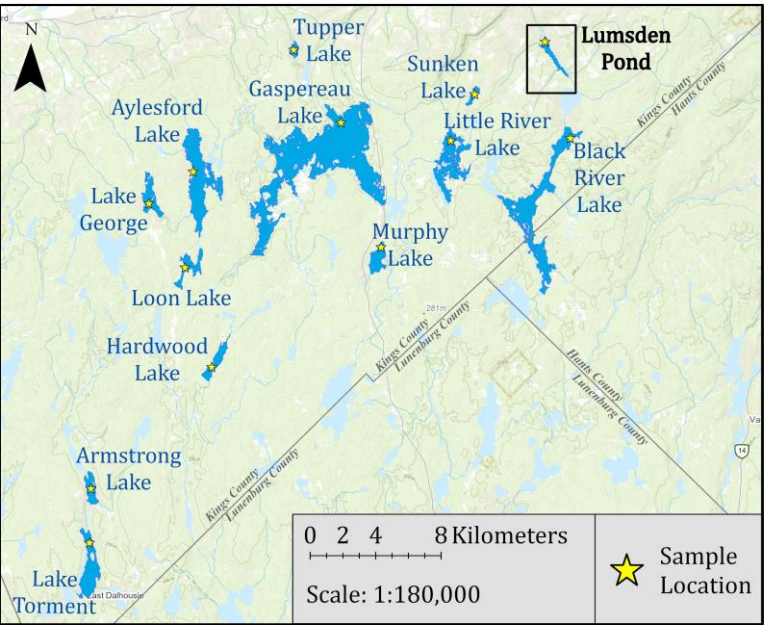


Lake Health Water Quality Report Card – Lumsden Pond



Lake Information

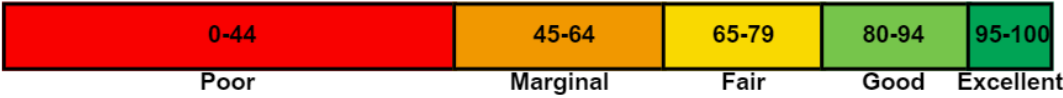
Drainage Order: 6

Lake Area: 88 ha

Max Depth: 19.0m

Elevation: 126 m

Year	WQI Score
2020	67.1
2021	68.0
2022	48.1
2023	69.6
2024	79.2



Lumsden Pond	Parameter							
	Total Phosphorous (mg/L)	Total Nitrogen (mg/L)	Total Organic Carbon (mg/L)	pH	Chlorophyll a (µg/L)	Secchi Depth (m)	Colour (TCU)	Turbidity (NTU)
Guideline	<0.020	<0.350	5.0 - 7.6	6.2 – 9.0	<2.50	>1.7	39.3 - 54.5	<1.30
2020 average	0.011	0.267	5.5	6.6	4.56	1.8	43.0	1.59
2021 average	0.010	0.290	7.1	6.5	2.74	2.1	48.1	0.88
2022 average	0.016	0.240	6.1	6.4	4.66	1.8	41.0	1.23
2023 average	0.010	0.294	7.5	6.6	1.34	1.7	56.7	1.06
2024 average	0.009	0.260	7.2	6.5	1.05	1.6	52.7	1.14
2020-2024 average	0.011	0.271	6.6	6.5	2.94	1.8	48.0	1.20
1997-2018 average	0.012	0.271	6.3	6.4	4.41	1.85	46.9	1.02

*Values in red are outside of the guideline range.

*Cells with 'N/A' have no data collected for that parameter for that year.