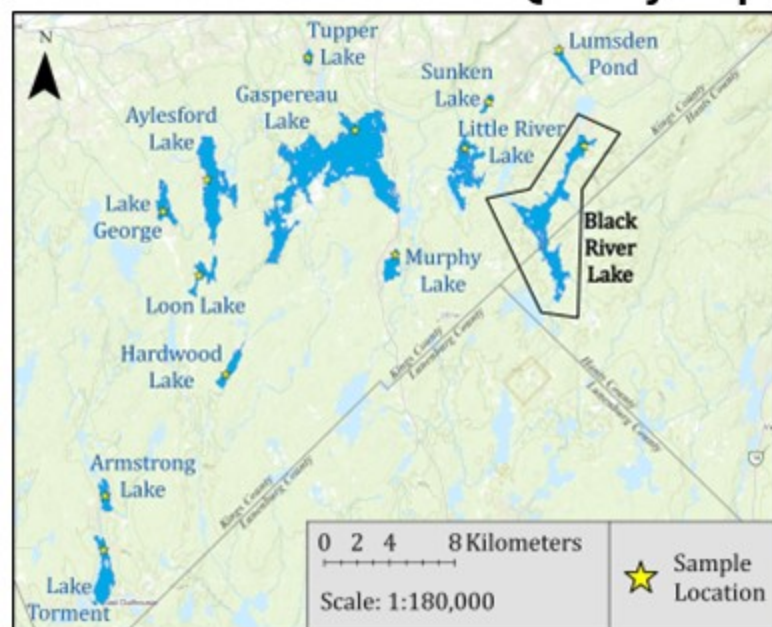


Lake Health Water Quality Report Card – Black River Lake



Lake Information

Drainage Order: 5

Lake Area: 668 ha

Max Depth: 15.0m

Elevation: 170 m

Year	WQI Score
2020	70.6
2021	78.1
2022	59.1
2023	79.2
2024	79.4

0-44	45-64	65-79	80-94	95-100
Poor	Marginal	Fair	Good	Excellent

Black River Lake	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	5.3 - 7.9	6.2 – 9.0	<2.50	>1.6	43.5 - 61.3	<1.30
2020 average	0.008	0.242	5.7	6.4	1.94	2.7	45.7	0.84
2021 average	0.010	0.237	6.6	6.4	2.84	2.4	47.4	0.66
2022 average	0.011	0.213	6.3	6.2	3.16	2.2	41.6	0.66
2023 average	0.008	0.258	8.1	6.4	0.86	1.9	65.6	0.86
2024 average	0.009	0.263	7.5	6.3	0.65	1.8	57.5	0.93
2020-2024 average	0.009	0.243	6.8	6.3	1.86	2.2	51.2	0.80
1997-2018 average	0.011	0.249	6.6	6.3	3.07	1.97	52.4	1.00

*Values in red are outside of the guideline range.

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