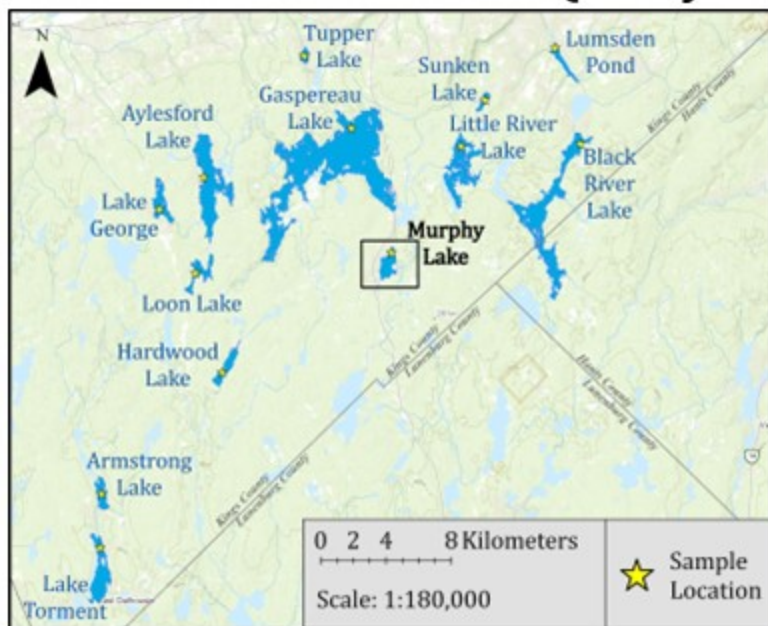


Lake Health Water Quality Report Card – Murphy Lake



Lake Information

Drainage Order: 3

Lake Area: 121 ha

Max Depth: 6.8 m

Elevation: 207 m

Year	WQI Score
2020	89.8
2021	78.4
2022	70.4
2023	78.6
2024	88.8

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

Murphy 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	5.0 - 7.4	6.2 – 9.0	<2.50	>1.7	24.8 - 42.7	<1.30
2020 average	0.009	0.238	5.0	6.9	1.28	2.3	25.3	0.61
2021 average	0.010	0.268	6.7	6.8	1.93	1.9	30.7	0.88
2022 average	0.009	0.223	5.6	6.7	1.81	2.3	25.9	0.98
2023 average	0.011	0.270	8.3	6.8	0.70	1.7	49.0	1.33
2024 average	0.013	0.272	7.5	6.9	0.33	1.9	44.0	0.76
2020-2024 average	0.010	0.253	6.4	6.8	1.24	2.0	33.0	0.88
1997-2018 average	0.012	0.239	6.2	6.7	2.30	1.97	33.8	1.37

*Values in red are outside of the guideline range.

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