

# Beaver Bank Lake

(Approximate maximum depth: 8.8 m)

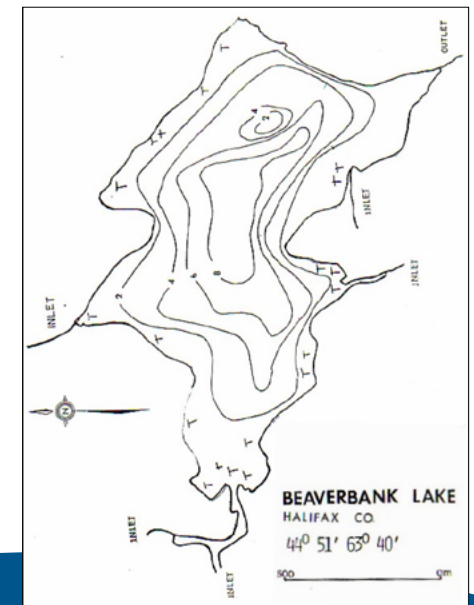
BEAVER BANK, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Consultant	Consultant
Date	May 9	August 24	April 25	August 16	May 7	August 21
Secchi Depth	1.9 m	2.0 m	2.2 m	1.3 m	2.5 m	1.9 m
Surface pH	7.26	7.42	6.80	6.34	6.61	6.85
Surface SpC	0.0472 ms/cm	0.0540 ms/cm	0.0517 ms/cm	0.0418 ms/cm	0.0420 ms/cm	0.0510 ms/cm
Surface Temp	12.1 °C	24.5 °C	12.7 °C	22.8 °C	12.1 °C	26.0 °C
Surface DO	9.98 mg/L	8.71 mg/L	10.87 mg/L	8.09 mg/L	10.54 mg/L	8.24 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		3 m		4.5 m		4 m
Anoxic Layer Thickness (from lakebed at deepest location)		4.3 m (49%)		4.3 m (49%)		3.8 m (43%)
Strength of evidence for Internal Loading		Strong		Moderate		Weak
Estimated Trophic Status (based on summer Chl- $\alpha$ )		Mesotrophic		Mesotrophic		Mesotrophic
Deepwater Chloride	8.2 mg/L	8.5 mg/L	9.0 mg/L	5.2 mg/L	7.1 mg/L	8.3 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / 2	12 / 2	ND / ND	4 / 2	Not Collected	ND / 6

\*ND = 'non-detect' for E.coli, indicating less than 2 CFU / 100 ml



Satellite Imagery Map of Beaver Bank Lake w/ Sampling Locations



Bathymetry Map of Beaver Bank Lake

[halifax.ca/lakewatchers](http://halifax.ca/lakewatchers)