

Albert Bridge Lake

(Approximate maximum depth: 11.7 m)

SEABRIGHT, HALIFAX COUNTY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Consultant	Consultant
Date	May 12	August 22	April 21	August 23	May 2	August 22
Secchi Depth	1.6 m	1.4 m	1.6 m	0.5 m	1.2 m	0.9 m
Surface pH	6.19	6.24	5.57	4.96	5.06	5.57
Surface SpC	0.0430 ms/cm	0.0496 ms/cm	0.0457 ms/cm	0.0419 ms/cm	0.0440 ms/cm	0.0440 ms/cm
Surface Temp	18.0°C	26.4°C	11.1°C	20.7°C	11.4°C	23.4°C
Surface DO	9.52 mg/L	8.19 mg/L	10.36 mg/L	7.80 mg/L	10.49 mg/L	7.59 mg/L
Summer Stratified?		Yes		No		Yes
Thermocline Depth (from lake surface)		2.0 m		n/a		3.0 m
Anoxic Layer Thickness (from lakebed at deepest location)		5.2 m (44%)		n/a		7.7 m (66%)
Strength of evidence for Internal Loading		Very Strong		Weak		Strong
Estimated Trophic Status (based on summer Chl- α)		Mesotrophic		Oligotrophic		Mesoeutrophic
Deepwater Chloride	8.7 mg/L	9.8 mg/L	8.7 mg/L	8.2 mg/L	8.8 mg/L	9.2 mg/L
E. coli Outlet/Surface (CFU/100ml)	2 / ND	2 / ND	ND / ND	6 / 10	Not Collected	2 / ND

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



Satellite Imagery Map of Albert Bridge Lake w/ Sampling Locations



Bathymetry Map of Albert Bridge Lake

halifax.ca/lakewatchers