

McCabe Lake

(Approximate maximum depth: 17.2 m)

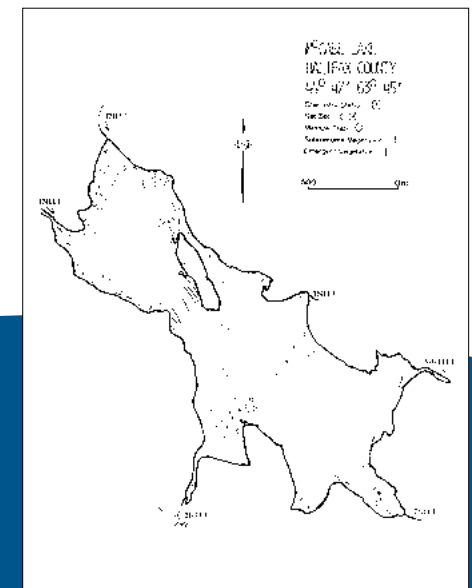
GLEN ARBOUR, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Consultant	Volunteer
Date	May 10	August 18	April 17	August 8	April 29	August 27
Secchi Depth	2.3 m	1.5 m	2.6 m	1.0 m	1.7 m	2.5 m
Surface pH	7.09	7.04	6.70	5.95	6.17	7.16
Surface SpC	0.0668 ms/cm	0.0687 ms/cm	0.0794 ms/cm	0.0431 ms/cm	0.0521 ms/cm	0.0663 ms/cm
Surface Temp	11.7 °C	22.6 °C	9.0 °C	22.6 °C	10.8 °C	22.9 °C
Surface DO	10.15 mg/L	7.61 mg/L	11.44 mg/L	6.97 mg/L	10.77 mg/L	7.68 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		5 m		4 m		5 m
Anoxic Layer Thickness (from lakebed at deepest location)		10.7 m (62%)		4.2 m (24%)		11.2 m (65%)
Strength of evidence for Internal Loading		Moderate		Weak		Moderate
Estimated Trophic Status (based on summer Chl- α)		Mesotrophic		Mesotrophic		Mesotrophic
Deepwater Chloride	15 mg/L	14 mg/L	15 mg/L	9.2 mg/L	9.8 mg/L	12 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / ND	4 / 2	ND / ND	10 / 4	Not Collected	ND / ND

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



Satellite Imagery Map of McCabe Lake w/ Sampling Locations



Bathymetry Map of McCabe Lake

halifax.ca/lakewatchers

HalifACT Acting on Climate Together

LakeWatchers