

Topsail Lake

(Approximate maximum depth: 7.4 m)

DARTMOUTH, 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 6	August 15	April 17	August 8	April 22	August 19
Secchi Depth	5.8 m	5.2 m	5.8 m	3.5 m	4.7 m	6.9 m
Surface pH	7.57	6.28	6.49	6.29	7.85	6.28
Surface SpC	0.0449 ms/cm	0.0728 ms/cm	0.0675 ms/cm	0.0611 ms/cm	0.0600 ms/cm	0.0660 ms/cm
Surface Temp	10.7 °C	24.5 °C	9.8 °C	23.0 °C	10.0 °C	24.1 °C
Surface DO	13.83 mg/L	8.10 mg/L	11.43 mg/L	7.70 mg/L	10.53 mg/L	8.03 mg/L
Summer Stratified?		No		No		No
Thermocline Depth (from lake surface)		n/a		n/a		n/a
Anoxic Layer Thickness (from lakebed at deepest location)		n/a		n/a		n/a
Strength of evidence for Internal Loading		None		None		None
Estimated Trophic Status (based on summer Chl- α)		Ultra-oligotrophic		Ultra-oligotrophic		Oligotrophic
Deepwater Chloride	14 mg/L	14 mg/L	13 mg/L	11 mg/L	12 mg/L	14 mg/L
E. coli Outlet/Surface (CFU/100ml)	2 / ND	6 / 20	ND / ND	ND / ND	Not Collected	10 / ND

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

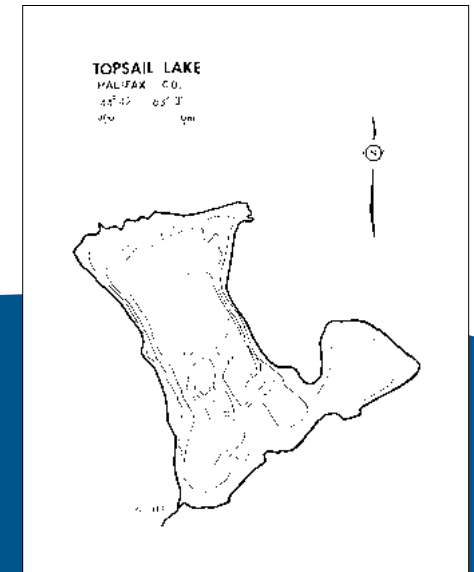
halifax.ca/lakewatchers

HalifACT Acting on
Climate
Together

LakeWatchers



Satellite Imagery Map of Topsail Lake w/ Sampling Locations



Bathymetry Map of Topsail Lake