

Whites Lake

(Approximate maximum depth: 11.3 m)

WHITES LAKE, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Volunteer	Volunteer
Date	May 11	September 1	May 2	August 16	April 29	August 15
Secchi Depth	1.5 m	1.2 m	1.3 m	0.7 m	1.3 m	1.6 m
Surface pH	6.39	5.91	5.37	5.70	5.27	5.76
Surface SpC	0.0670 ms/cm	0.0656 ms/cm	0.0635 ms/cm	0.0451 ms/cm	0.0512 ms/cm	0.0658 ms/cm
Surface Temp	12.5 °C	24.4 °C	11.2 °C	22.7 °C	12.0 °C	22.8 °C
Surface DO	9.92 mg/L	7.94 mg/L	10.62 mg/L	7.35 mg/L	10.69 mg/L	7.56 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		4 m		4 m		5 m
Anoxic Layer Thickness (from lakebed at deepest location)		6.3 m (56%)		5.8 m (51%)		5.3 m (47%)
Strength of evidence for Internal Loading		Moderate		Moderate		Weak
Estimated Trophic Status (based on summer Chl- α)		Mesotrophic		Mesotrophic		Mesoeutrophic
Deepwater Chloride	13 mg/L	13 mg/L	14 mg/L	12 mg/L	12 mg/L	14 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / ND	28 / 4	4 / 2	4 / 4	Not Collected	ND / 2

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

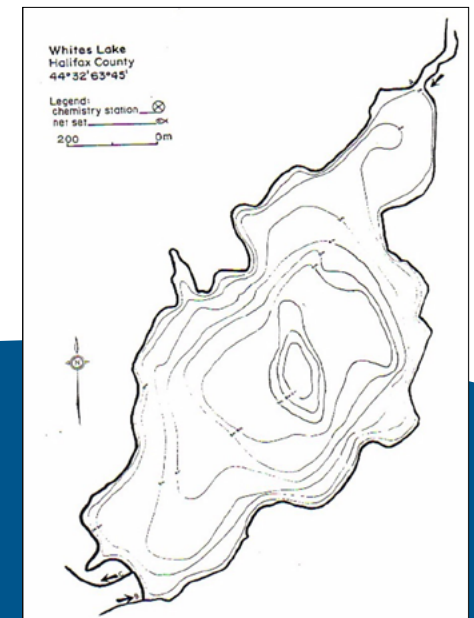
halifax.ca/lakewatchers

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Climate
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Satellite Imagery Map of Whites Lake w/ Sampling Locations



Bathymetry Map of Whites Lake