

Lake William

(Approximate maximum depth: 27.2 m)

WAVERLEY, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Volunteer	Volunteer	Volunteer
Date	May 3	August 22	April 20	August 1	April 26	August 9
Secchi Depth	3.4 m	3.7 m	2.8 m	2.0 m	3.3 m	3.8 m
Surface pH	7.28	7.60	7.31	7.14	7.21	7.72
Surface SpC	0.1952 ms/cm	0.2205 ms/cm	0.2000 ms/cm	0.1790 ms/cm	0.1641 ms/cm	0.1948 ms/cm
Surface Temp	8.3 °C	24.1 °C	7.5 °C	24.4 °C	8.1 °C	24.5 °C
Surface DO	11.88 mg/L	8.85 mg/L	12.52 mg/L	6.62 mg/L	11.12 mg/L	7.71 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		7 m		5.5 m		5 m
Anoxic Layer Thickness (from lakebed at deepest location)		n/a		0.7 m (3%)		n/a
Strength of evidence for Internal Loading		None		Weak		None
Estimated Trophic Status (based on summer Chl- α)		Mesotrophic		Mesotrophic		Mesotrophic
Deepwater Chloride	44 mg/L	63 mg/L	49 mg/L	51 mg/L	37 mg/L	38 mg/L
E. coli -Outlet/Surface (CFU/100ml)	8 / ND	110 / ND	2 / ND	ND / ND	Not Collected	8 / 2

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

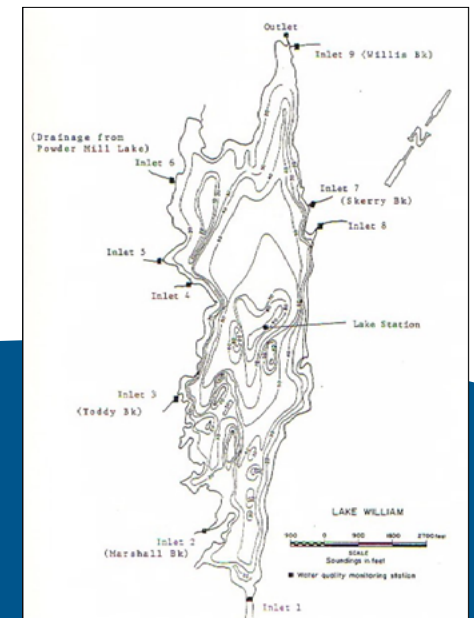
halifax.ca/lakewatchers

HalifACT Acting on
Climate
Together

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Satellite Imagery Map of Lake William w/ Sampling Locations



Bathymetry Map of Lake William, Waverley