

Sandy Lake (Bedford)

(Approximate maximum depth: 21.0 m)

BEDFORD, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Volunteer	Volunteer	Volunteer	Volunteer	Volunteer
Date	May 4	August 22	April 21	August 14	April 15	August 24
Secchi Depth	2.6 m	2.5 m	2.0 m	1.5 m	1.3 m	2.2 m
Surface pH	7.75	Not collected	6.82	6.58	6.60	6.98
Surface SpC	0.2236 ms/cm	0.2108 ms/cm	0.1960 ms/cm	0.0935 ms/cm	0.1362 ms/cm	0.1775 ms/cm
Surface Temp	10.1 °C	24.7 °C	9.5 °C	22.6 °C	7.7 °C	24.3 °C
Surface DO	11.17 mg/L	8.08 mg/L	11.85 mg/L	8.62 mg/L	12.15 mg/L	8.34 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		4.5 m		4 m		5 m
Anoxic Layer Thickness (from lakebed at deepest location)		1 m (5%)		n/a		n/a
Strength of evidence for Internal Loading		Weak		None		Strong
Estimated Trophic Status (based on summer Chl- α)		Mesotrophic		Mesotrophic		Mesotrophic
Deepwater Chloride	57 mg/L	55 mg/L	44 mg/L	42 mg/L	37 mg/L	36 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / ND	4 / 2	250 / ND	8 / 8	Not Collected	4 / 2

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

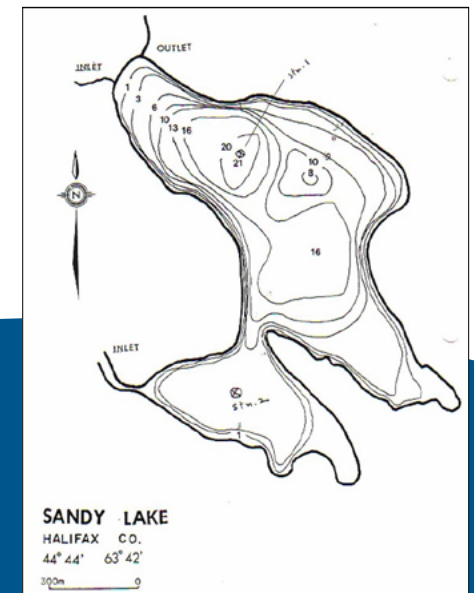
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Climate
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Satellite Imagery Map of Sandy Lake w/ Sampling Locations



Bathymetry Map of Sandy Lake