

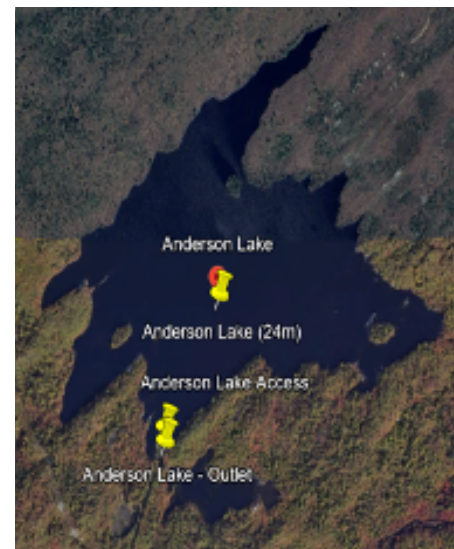
# Anderson Lake

(Approximate maximum depth 24.7 m)

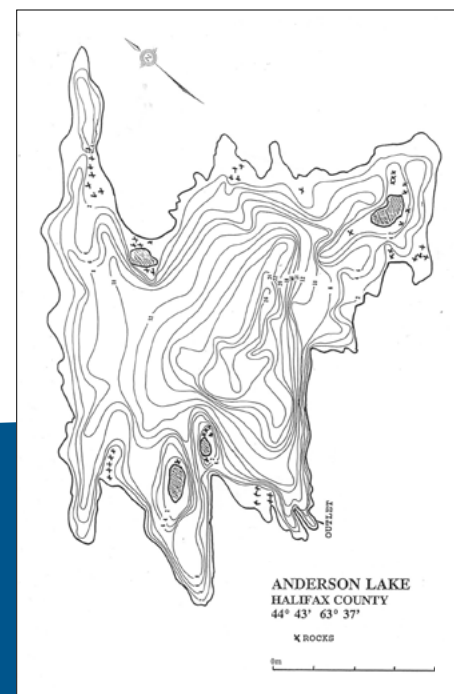
BURNSIDE, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Consultant	Consultant
Date	May 12	August 16	April 24	August 10	May 2	August 15
Secchi Depth	4.4 m	2.3 m	3.9 m	1.7 m	1.8 m	3.4 m
Surface pH	5.81	8.05	6.36	6.48	6.60	6.44
Surface SpC	0.0431 ms/cm	0.0652 ms/cm	0.0670 ms/cm	0.0579 ms/cm	0.0620 ms/cm	0.0680 ms/cm
Surface Temp	14.4°C	23.9°C	10.8°C	22.5°C	10.1°C	24.0°C
Surface DO	10.43 mg/L	8.66 mg/L	11.66 mg/L	7.73 mg/L	11.21 mg/L	8.42 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)		n/a		0.2 m		n/a
Strength of evidence for Internal Loading		None		Weak		Very Strong
Estimated Trophic Status (based on summer Chl- $\alpha$ )		Mesotrophic		Mesoeutrophic		Mesotrophic
Deepwater Chloride	9.7 mg/L	11 mg/L	11 mg/L	11 mg/L	10 mg/L	9.9 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / ND	6 / 2	ND / ND	18 / 16	Not Collected	36 / 2

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



Satellite Imagery Map of Anderson Lake w/ Sampling Locations



Bathymetry Map of Anderson Lake

[halifax.ca/lakewatchers](http://halifax.ca/lakewatchers)

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Climate  
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