

Blueberry Lake

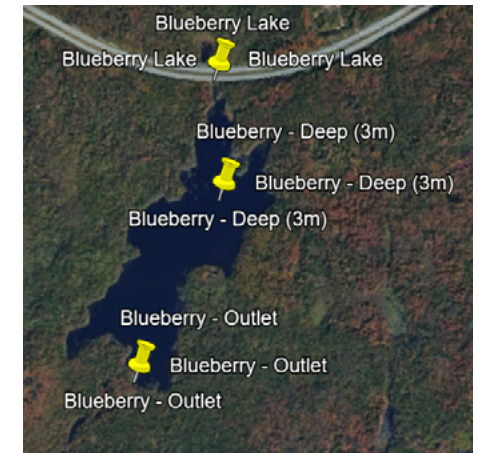
(Approximate maximum depth: 3.0 m)

BEECHVILLE, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

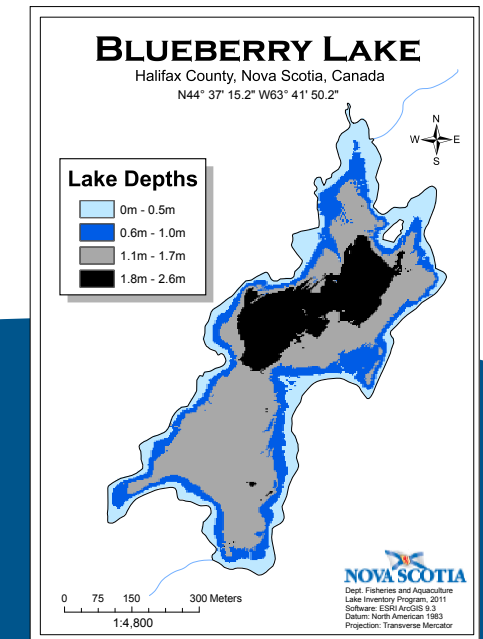
Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Consultant	Consultant
Date	May 25	August 25	April 26	August 23	May 2	August 27
Secchi Depth	1.0 m	0.9 m	1.3 m	0.5 m	1.2 m	0.8 m
Surface pH	5.17	5.37	5.37	5.02	5.01	5.38
Surface SpC	0.1134 ms/cm	0.0955 ms/cm	0.1142 ms/cm	0.0523 ms/cm	0.0870 ms/cm	0.0950 ms/cm
Surface Temp	16.9 °C	24.9 °C	12.2 °C	20.9 °C	11.9 °C	23.1 °C
Surface DO	9.59 mg/L	7.92 mg/L	10.26 mg/L	6.75 mg/L	10.47 mg/L	7.63 mg/L
Summer Stratified?		No		Yes		No
Thermocline Depth (from lake surface)		n/a		1.5 m		n/a
Anoxic Layer Thickness (from lakebed at deepest location)		n/a		n/a		n/a
Strength of evidence for Internal Loading		Moderate		None		None
Estimated Trophic Status (based on summer Chl- α)		Mesotrophic		Oligotrophic		Mesotrophic
Deepwater Chloride	30 mg/L	21 mg/L	29 mg/L	11 mg/L	21 mg/L	25 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / ND	ND / 6	ND / ND	10 / 4	Not Collected	2 / ND

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

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Satellite Imagery Map of Blueberry Lake w/ Sampling Locations



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Climate
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