

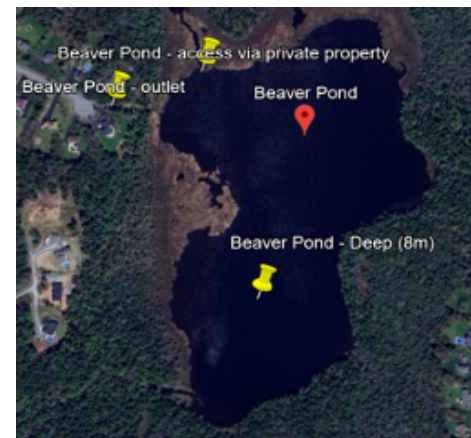
Beaver Pond

(Approximate maximum depth: 8.2 m)

WINDSOR JUNCTION, 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 9	August 26	April 26	August 16	April 30	August 21
Secchi Depth	2.2 m	2.3 m	1.9 m	1.0 m	1.8 m	1.6 m
Surface pH	8.34	7.07	6.63	6.78	6.38	7.03
Surface SpC	0.2080 ms/cm	0.2132 ms/cm	0.2057 ms/cm	0.0752 ms/cm	0.1070 ms/cm	0.1300 ms/cm
Surface Temp	12.5 °C	24.9 °C	13.9 °C	22.2 °C	11.0 °C	24.4 °C
Surface DO	9.93 mg/L	8.14 mg/L	11.26 mg/L	8.78 mg/L	10.52 mg/L	7.77 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		2.5 m		1 m		3 m
Fish Exclusion		5.7 m (70%)		n/a		n/a
(less than 6.0 mg/L DO)		5.7 m (70%)		6.7 m (82%)		5.2 m (63%)
Anoxic Layer Thickness (from lakebed at deepest location)		4.7 m (57%)		6.2 m (76%)		4.2 m (51%)
Strength of evi-dence for Internal Loading		Moderate		None		Moderate
Estimated Trophic Status (based on summer Chl-a)		Mesotrophic		Mesoeutrophic		Mesotrophic
Deepwater Chloride	44 mg/L	46 mg/L	46 mg/L	8.8 mg/L	20 mg/L	22 mg/L
E. coli -Outlet/Surface (CFU/100ml)	2 / ND	ND / 2	ND / ND	14 / 4	Not Collected	4 / ND

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



Satellite Imagery Map of Beaver Pond w/ Sampling Locations



Bathymetry Map of Beaver Pond

halifax.ca/lakewatchers

HalifACT Acting on Climate Together

LakeWatchers