

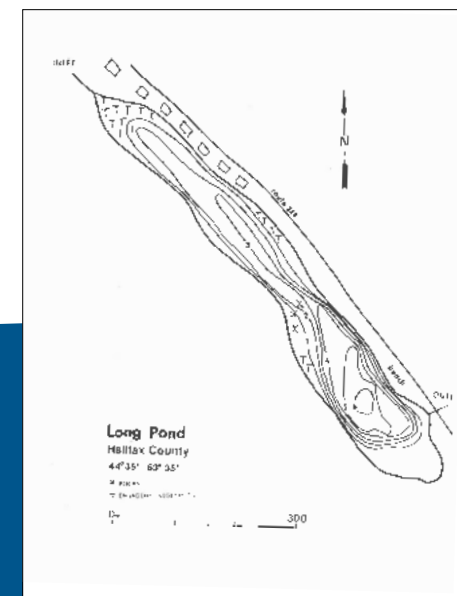
(Approximate maximum depth: 6.6 m)

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Consultant	Volunteer	Consultant
Date	May 3	August 18	April 19	August 9	May 8	August 22
Secchi Depth	1.1 m	0.8 m	1.4 m	0.8 m	1.1 m	1.5 m
Surface pH	5.77	5.96	6.55	5.26	5.81	5.97
Surface SpC	0.0651 ms/cm	0.0913 ms/cm	0.1203 ms/cm	0.0533 ms/cm	0.0865 ms/cm	0.1120 ms/cm
Surface Temp	10.3 °C	21.6 °C	9.9 °C	20.0 °C	16.6 °C	24.3 °C
Surface DO	13.99 mg/L	6.60 mg/L	11.12 mg/L	6.21 mg/L	9.34 mg/L	6.84 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		2.5 m		2 m		2 m
Anoxic Layer Thickness (from lakebed at deepest location)		3.6 m (55%)		3.6 m (55%)		3.6 m (55%)
Strength of evidence for Internal Loading		Very Strong		Strong		None
Estimated Trophic Status (based on summer Chl-a)		Mesotrophic		Ultraoligo-trophic		Oligotrophic
Deepwater Chloride	23 mg/L	25 mg/L	29 mg/L	19 mg/L	21 mg/L	22 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / ND	38 / 26	ND / ND	46 / 30	Not Collected	4 / 0

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Satellite Imagery Map of Long Pond w/
Sampling Locations



Bathymetry Map of Long Pond