

# Maynard Lake

(Approximate maximum depth: 12.6 m)

DARTMOUTH, HALIFAX REGIONAL MUNICIPALITY, NOVA SCOTIA

Parameter	Spring 22	Summer 22	Spring 23	Summer 23	Spring 24	Summer 24
Team	Consultant	Consultant	Consultant	Volunteer	Volunteer	Volunteer
Date	April 26	August 16	April 18	August 23	April 21	August 5
Secchi Depth	4.0 m	3.5 m	2.2 m	4.3 m	3.2 m	5.5 m
Surface pH	7.95	8.10	6.99	7.06	7.18	7.30
Surface SpC	0.2444 ms/cm	0.3832 ms/cm	0.3851 ms/cm	0.3072 ms/cm	0.3380 ms/cm	0.3664 ms/cm
Surface Temp	10.0 °C	25.1 °C	9.8 °C	22.2 °C	10.3 °C	25.8 °C
Surface DO	9.63 mg/L	7.98 mg/L	11.41 mg/L	7.02 mg/L	11.27 mg/L	6.53 mg/L
Summer Stratified?		Yes		Yes		Yes
Thermocline Depth (from lake surface)		5 m		5 m		4 m
Anoxic Layer Thickness (from lakebed at deepest location)		5.1 m (40%)		5.6 m (44%)		4.6m (37%)
Strength of evidence for Internal Loading		Very Strong		Very Strong		Very Strong
Estimated Trophic Status (based on summer Chl- $\alpha$ )		Mesotrophic		Oligotrophic		Mesotrophic
Deepwater Chloride	91 mg/L	94 mg/L	87 mg/L	89 mg/L	88 mg/L	78 mg/L
E. coli Outlet/Surface (CFU/100ml)	ND / 1	62 / 66	4 / 2	ND / ND	Not Collected	22 / ND

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

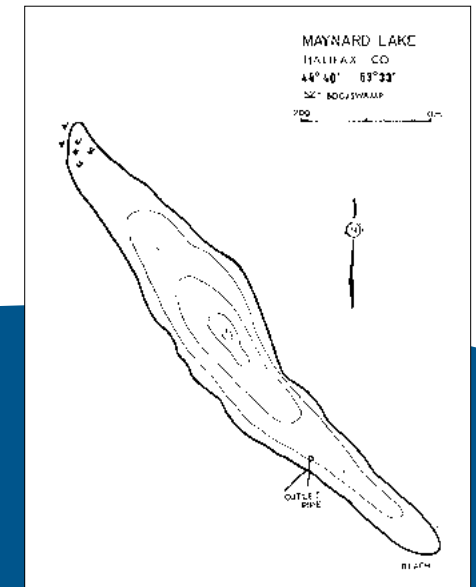
[halifax.ca/lakewatchers](http://halifax.ca/lakewatchers)

**HalifACT** Acting on  
Climate  
Together

**LakeWatchers**



Satellite Imagery Map of Maynard Lake w/ Sampling Locations



Bathymetry Map of Maynard Lake