

Water Quality Data of The Brothers Marine Park from January to March 2026 (1st Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	15.6		15.6	
Temperature (°C)	20.70	20.50	20.90	20.40
Salinity (‰)	30.90	31.30	30.90	31.60
Dissolved Oxygen (mg/L)	6.90	6.70	7.10	6.70
pH	8.00	8.00	8.10	8.10
Secchi Disc Depth (m)	1.2		1.2	
Turbidity (NTU)	1.00	1.50	1.00	1.00
Suspended Solids (mg/L)	2.00	2.00	<2	<2
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.13	0.12	0.11	0.11
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	0.02
Nitrate Nitrogen (mg/L)	0.33	0.33	0.34	0.33
Total Inorganic Nitrogen (mg/L)	0.46	0.45	0.45	0.46
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.40	0.30
Total Nitrogen (mg/L)	0.60	0.65	0.70	0.70
Orthophosphate Phosphorus (mg/L)	0.01	0.02	0.01	0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.00	2.00	2.30	3.00
<i>E. coli</i> (cfu/100 mL)	24	29	1	2
Faecal Coliforms (cfu/100 mL)	38	45	1	3