

**Water Quality Data of The Brothers Marine Park from October to December 2025 (4th Quarter)**

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	15.6		15.6	
Temperature (°C)	23.20	23.50	22.60	23.50
Salinity (‰)	31.00	31.90	30.20	31.90
Dissolved Oxygen (mg/L)	7.40	7.10	7.60	7.00
pH	8.00	7.90	7.90	7.90
Secchi Disc Depth (m)	1.3		1.3	
Turbidity (NTU)	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	6.00	5.50	6.00	6.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.04	0.04	0.04	0.05
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.03	0.03	0.03	0.02
Nitrate Nitrogen (mg/L)	0.13	0.13	0.12	0.12
Total Inorganic Nitrogen (mg/L)	0.20	0.20	0.19	0.19
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.35	0.30
Total Nitrogen (mg/L)	0.50	0.45	0.50	0.50
Orthophosphate Phosphorus (mg/L)	<0.01	0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	7.25	6.20	6.55	6.10
<i>E. coli</i> (cfu/100 mL)	39	48	63	75
Faecal Coliforms (cfu/100 mL)	73	100	105	125