

Water Quality Data of The Brothers Marine Park from April to June 2025 (2nd Quarter)

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	28.1		28.1	
Temperature (°C)	28.50	28.20	28.60	28.30
Salinity (‰)	12.45	22.85	13.80	21.20
Dissolved Oxygen (mg/L)	6.75	5.20	6.40	5.30
pH	7.90	7.90	7.90	7.90
Secchi Disc Depth (m)	1.2		1.1	
Turbidity (NTU)	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	4.00	4.00	4.00	4.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.15	0.16	0.16	0.17
Nitrate Nitrogen (mg/L)	1.17	1.20	1.17	1.17
Total Inorganic Nitrogen (mg/L)	1.32	1.36	1.33	1.33
Total Kjeldahl Nitrogen (mg/L)	0.30	0.35	0.35	0.35
Total Nitrogen (mg/L)	1.60	1.70	1.65	1.65
Orthophosphate Phosphorus (mg/L)	0.04	0.03	0.04	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	1.80	1.60	1.20	1.90
<i>E. coli</i> (cfu/100 mL)	0	0	0	0
Faecal Coliforms (cfu/100 mL)	0	0	0	0