

**Water Quality Data of The Brothers Marine Park from July to September 2025 (3rd Quarter)**

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	30.5		30.5	
Temperature (°C)	27.10	26.90	26.60	26.40
Salinity (‰)	20.90	21.70	23.05	24.10
Dissolved Oxygen (mg/L)	5.25	4.90	5.10	4.70
pH	7.90	7.90	7.90	7.90
Secchi Disc Depth (m)	2.7		2.5	
Turbidity (NTU)	2.00	6.00	3.00	3.00
Suspended Solids (mg/L)	2.00	9.50	5.00	4.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	0.02	0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.11	0.08	0.08	0.09
Nitrate Nitrogen (mg/L)	0.76	0.69	0.59	0.47
Total Inorganic Nitrogen (mg/L)	0.87	0.78	0.68	0.57
Total Kjeldahl Nitrogen (mg/L)	0.35	0.30	0.35	0.45
Total Nitrogen (mg/L)	1.20	1.05	1.05	1.05
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.01	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll- <i>a</i> (µg/L)	3.25	3.20	3.75	4.15
<i>E. coli</i> (cfu/100 mL)	42	145	180	500
Faecal Coliforms (cfu/100 mL)	79	250	275	1050