

**Water Quality Data of The Brothers Marine Park from April to June 2022 (2nd Quarter)**

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.8		24.9	
Temperature (°C)	24.90	24.35	24.60	24.70
Salinity (‰)	21.40	28.85	21.45	24.60
Dissolved Oxygen (mg/L)	7.80	5.90	6.70	6.60
pH	8.10	8.10	8.10	8.10
Secchi Disc Depth (m)	0.9		0.7	
Turbidity (NTU)	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	4.00	2.50	3.50	2.50
5-Day Biochemical Oxygen Demand (mg/L)	2.00	2.00	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	0.08	0.08	0.08
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.76	0.76	0.77	0.77
Nitrate Nitrogen (mg/L)	0.05	0.04	0.04	0.04
Total Inorganic Nitrogen (mg/L)	0.89	0.88	0.88	0.89
Total Kjeldahl Nitrogen (mg/L)	0.50	0.50	0.50	0.50
Total Nitrogen (mg/L)	1.30	1.30	1.30	1.30
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-a (µg/L)	0.55	4.05	3.70	4.65
<i>E. coli</i> (cfu/100 mL)	7	5	19	12
Faecal Coliforms (cfu/100 mL)	34	23	33	20