

**Water Quality Data of The Brothers Marine Park from July to September 2023 (3rd Quarter)**

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	31.00		31.20	
Water Temperature (°C)	28.40	25.80	27.90	26.00
Salinity (‰)	24.00	28.80	25.00	28.50
Dissolved Oxygen (mg/L)	7.80	3.80	5.15	4.10
pH	7.90	8.10	8.00	8.10
Secchi Disc Depth (m)	0.5		0.6	
Turbidity (NTU)	1.00	1.00	2.00	2.00
Suspended Solids (mg/L)	4.50	<2	3.00	<2
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	0.04	0.04
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.72	0.73	0.71	0.72
Nitrate Nitrogen (mg/L)	0.10	0.10	0.10	0.10
Total Inorganic Nitrogen (mg/L)	0.86	0.86	0.84	0.85
Total Kjeldahl Nitrogen (mg/L)	0.20	0.15	0.20	0.25
Total Nitrogen (mg/L)	1.00	1.00	1.00	1.05
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.03	0.03
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	1.80	1.90	2.20	2.20
<i>E. coli</i> (cfu/100 mL)	1	0	0	0
Faecal Coliforms (cfu/100 mL)	2	3	0	0