

**Water Quality Data of The Brothers Marine Park from October to December 2023 (4th Quarter)**

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.9		24.9	
Temperature (°C)	23.70	23.80	23.70	23.80
Salinity (‰)	27.50	27.50	27.30	27.30
Dissolved Oxygen (mg/L)	6.00	5.90	6.10	6.00
pH	8.10	8.10	8.20	8.20
Secchi Disc Depth (m)	1.5		2.8	
Turbidity (NTU)	6.00	4.50	3.00	4.00
Suspended Solids (mg/L)	9.50	8.50	6.00	5.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.06	0.06	0.06	0.05
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.05	0.06	0.05	0.05
Nitrate Nitrogen (mg/L)	0.19	0.20	0.22	0.22
Total Inorganic Nitrogen (mg/L)	0.31	0.31	0.33	0.32
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.20	0.25
Total Nitrogen (mg/L)	0.50	0.50	0.50	0.50
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- <i>a</i> (µg/L)	0.75	0.70	0.75	0.60
<i>E. coli</i> (cfu/100 mL)	6	6	1	3
Faecal Coliforms (cfu/100 mL)	7	7	1	3