

Water Quality Data of The Brothers Marine Park from July to September 2021 (3rd Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	27.5		27.5	
Water Temperature (°C)	27.20	25.10	26.30	25.25
Salinity (‰)	24.20	28.50	25.70	28.15
Dissolved Oxygen (mg/L)	7.80	3.90	4.40	3.80
pH	7.90	7.90	7.90	7.90
Secchi Disc Depth (m)	0.7		0.6	
Turbidity (NTU)	3.50	4.00	2.00	3.50
Suspended Solids (mg/L)	6.00	9.50	6.50	7.00
5-Day Biochemical Oxygen Demand (mg/L)	2.50	5.50	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.04	0.01	0.04
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.71	0.67	0.76	0.74
Nitrate Nitrogen (mg/L)	0.11	0.10	0.11	0.12
Total Inorganic Nitrogen (mg/L)	0.85	0.82	0.88	0.89
Total Kjeldahl Nitrogen (mg/L)	0.35	0.40	0.25	0.35
Total Nitrogen (mg/L)	1.15	1.20	1.15	1.15
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.90	1.90	2.60	1.85
<i>E. coli</i> (cfu/100 mL)	13	11	9	9
Faecal Coliforms (cfu/100 mL)	22	24	18	17