

Water Quality Data of The Brothers Marine Park from April to June 2021 (2nd Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	27.6		27.7	
Temperature (°C)	28.70	26.70	28.70	28.30
Salinity (‰)	19.60	27.80	19.35	21.65
Dissolved Oxygen (mg/L)	7.80	4.20	5.20	4.90
pH	7.90	7.90	7.90	7.90
Secchi Disc Depth (m)	0.4		0.5	
Turbidity (NTU)	8.00	7.50	7.00	6.00
Suspended Solids (mg/L)	10.50	11.50	9.50	8.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	1.01	1.04	1.07	1.07
Nitrate Nitrogen (mg/L)	0.11	0.11	0.12	0.11
Total Inorganic Nitrogen (mg/L)	1.12	1.16	1.18	1.18
Total Kjeldahl Nitrogen (mg/L)	0.35	0.50	0.50	0.35
Total Nitrogen (mg/L)	1.45	1.60	1.70	1.55
Orthophosphate Phosphorus (mg/L)	0.03	0.02	0.01	0.03
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.65	2.75	2.60	2.65
<i>E. coli</i> (cfu/100 mL)	6	3	2	4
Faecal Coliforms (cfu/100 mL)	15	12	9	13