

Water Quality Data of The Brothers Marine Park from April to June 2020 (2nd Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	27.0		27.0	
Temperature (°C)	26.90	25.40	26.85	25.50
Salinity (‰)	23.10	24.80	23.45	24.45
Dissolved Oxygen (mg/L)	7.80	4.80	5.30	5.00
pH	7.70	7.80	7.70	7.80
Secchi Disc Depth (m)	1.0		1.0	
Turbidity (NTU)	4.50	5.50	4.50	4.00
Suspended Solids (mg/L)	7.50	8.00	7.00	6.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.08	0.08	0.08	0.08
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.76	0.77	0.83	0.82
Nitrate Nitrogen (mg/L)	0.08	0.08	0.08	0.08
Total Inorganic Nitrogen (mg/L)	0.92	0.92	0.99	0.98
Total Kjeldahl Nitrogen (mg/L)	0.40	0.30	0.40	0.40
Total Nitrogen (mg/L)	1.20	1.20	1.30	1.30
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)	1.95	1.90	1.75	1.75
<i>E. coli</i> (cfu/100 mL)	61	61	71	60
Faecal Coliforms (cfu/100 mL)	130	120	150	120