

**Water Quality Data of The Brothers Marine Park from April to June 2019 (2nd Quarter)**

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.6		26.5	
Temperature (°C)	26.90	27.00	27.00	27.10
Salinity (‰)	16.60	16.60	16.50	16.40
Dissolved Oxygen (mg/L)	7.80	6.50	6.40	6.50
pH	7.95	7.90	7.90	7.90
Secchi Disc Depth (m)	1.7		1.7	
Turbidity (NTU)	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	3.00	4.00	4.00	4.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.11	0.12	0.11	0.11
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	1.00	1.00	1.02	1.01
Nitrate Nitrogen (mg/L)	0.10	0.10	0.10	0.10
Total Inorganic Nitrogen (mg/L)	1.20	1.21	1.23	1.22
Total Kjeldahl Nitrogen (mg/L)	0.40	0.35	0.35	0.35
Total Nitrogen (mg/L)	1.40	1.45	1.45	1.45
Orthophosphate Phosphorus (mg/L)	0.04	0.04	0.04	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.90	0.95	1.40	0.90
<i>E. coli</i> (cfu/100 mL)	84	56	44	40
Faecal Coliforms (cfu/100 mL)	335	135	119	103