

Water Quality Data of The Brothers Marine Park from April to June 2018 (2nd Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	25.5		25.6	
Temperature (°C)	26.90	26.30	26.80	26.20
Salinity (‰)	19.80	23.70	19.30	24.25
Dissolved Oxygen (mg/L)	7.80	6.50	6.60	5.90
pH	7.90	7.80	7.80	7.70
Secchi Disc Depth (m)	1.9		2.0	
Turbidity (NTU)	2.50	3.00	3.00	2.50
Suspended Solids (mg/L)	4.00	4.50	5.00	4.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.10	0.09	0.09	0.09
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	1.34	1.28	1.35	1.27
Nitrate Nitrogen (mg/L)	0.11	0.11	0.11	0.11
Total Inorganic Nitrogen (mg/L)	1.55	1.48	1.55	1.47
Total Kjeldahl Nitrogen (mg/L)	0.45	0.55	0.45	0.45
Total Nitrogen (mg/L)	1.90	1.95	1.95	1.85
Orthophosphate Phosphorus (mg/L)	0.03	0.02	0.02	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	8.40	9.05	5.45	5.60
<i>E. coli</i> (cfu/100 mL)	27	25	51	43
Faecal Coliforms (cfu/100 mL)	27	25	51	43