

**Water Quality Data of The Brothers Marine Park from April to June 2017 (2nd Quarter)**

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.0		28.0	
Temperature (°C)	29.20	27.90	29.00	28.50
Salinity (‰)	19.00	25.60	18.60	24.50
Dissolved Oxygen (mg/L)	7.80	5.50	6.20	6.20
pH	7.90	8.00	8.00	7.90
Secchi Disc Depth (m)	1.6		1.8	
Turbidity (NTU)	2.00	2.00	2.00	2.00
Suspended Solids (mg/L)	6.00	8.00	6.00	6.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.02	0.01	0.01	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	1.07	1.05	1.06	1.05
Nitrate Nitrogen (mg/L)	0.07	0.07	0.07	0.07
Total Inorganic Nitrogen (mg/L)	1.15	1.13	1.13	1.14
Total Kjeldahl Nitrogen (mg/L)	0.35	0.40	0.40	0.40
Total Nitrogen (mg/L)	1.50	1.50	1.50	1.50
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)	5.60	5.15	6.50	5.55
<i>E. coli</i> (cfu/100 mL)	5950	145	750	5750
Faecal Coliforms (cfu/100 mL)	8700	690	790	9450