

Water Quality Data of The Brothers Marine Park from July to September 2017 (3rd Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	30.2		30.2	
Temperature (°C)	29.30	28.80	29.00	28.40
Salinity (‰)	20.00	21.90	21.00	23.60
Dissolved Oxygen (mg/L)	7.80	4.60	5.00	4.40
pH	7.70	7.60	7.70	7.60
Secchi Disc Depth (m)	1.5		1.5	
Turbidity (NTU)	3.00	2.50	2.50	2.50
Suspended Solids (mg/L)	6.00	6.50	5.50	7.50
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)	0.81	0.78	0.81	0.78
Nitrate Nitrogen (mg/L)	0.23	0.23	0.23	0.23
Total Inorganic Nitrogen (mg/L)	1.04	1.01	1.03	1.01
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.30	0.25
Total Nitrogen (mg/L)	1.35	1.25	1.30	1.25
Orthophosphate Phosphorus (mg/L)	0.05	0.04	0.04	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	1.05	1.05	1.00	0.90
<i>E. coli</i> (cfu/100 mL)	7	11	11	1
Faecal Coliforms (cfu/100 mL)	29	40	51	3