

**Water Quality Data of The Brothers Marine Park from July to September 2019 (3rd Quarter)**

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	29.1		29.1	
Water Temperature (°C)	29.30	29.10	29.30	29.20
Salinity (‰)	25.15	26.50	25.20	25.40
Dissolved Oxygen (mg/L)	7.80	4.70	4.70	4.90
pH	8.00	8.00	8.00	8.00
Secchi Disc Depth (m)	1.5		1.5	
Turbidity (NTU)	2.50	2.00	3.00	2.00
Suspended Solids (mg/L)	6.00	10.00	7.50	8.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.04	0.04	0.04	0.05
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.48	0.48	0.48	0.51
Nitrate Nitrogen (mg/L)	0.11	0.12	0.12	0.09
Total Inorganic Nitrogen (mg/L)	0.64	0.63	0.63	0.64
Total Kjeldahl Nitrogen (mg/L)	0.30	0.25	0.25	0.30
Total Nitrogen (mg/L)	0.90	0.80	0.85	0.90
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.02	0.03
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	1.05	1.30	1.15	1.15
<i>E. coli</i> (cfu/100 mL)	1	29	26	56
Faecal Coliforms (cfu/100 mL)	7	60	50	79