

Water Quality Data of The Brothers Marine Park from July to September 2018 (3rd Quarter)

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	30.4		30.5	
Temperature (°C)	30.75	30.80	30.60	30.35
Salinity (‰)	18.40	18.30	19.30	19.50
Dissolved Oxygen (mg/L)	7.80	6.60	6.30	6.20
pH	8.10	7.90	8.10	8.10
Secchi Disc Depth (m)	1.6		1.6	
Turbidity (NTU)	5.00	4.00	2.00	2.00
Suspended Solids (mg/L)	9.00	9.00	7.50	10.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	2.00	<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	0.84	0.87	0.88
Nitrate Nitrogen (mg/L)	0.15	0.17	0.17	0.17
Total Inorganic Nitrogen (mg/L)	0.97	1.00	1.04	1.05
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	1.20	1.20	1.20	1.30
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- <i>a</i> (µg/L)	7.30	6.45	6.85	6.30
<i>E. coli</i> (cfu/100 mL)	1	3	10	5
Faecal Coliforms (cfu/100 mL)	12	11	21	10