

Water Quality Data of The Brothers Marine Park from October to December 2017 (4th Quarter)

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	25.3		25.3	
Temperature (°C)	26.40	26.30	26.30	26.20
Salinity (‰)	31.50	31.80	27.75	30.90
Dissolved Oxygen (mg/L)	7.80	6.30	6.30	6.10
pH	8.10	8.10	8.00	8.10
Secchi Disc Depth (m)	2.2		2.0	
Turbidity (NTU)	2.50	2.00	1.50	2.00
Suspended Solids (mg/L)	5.50	6.00	3.50	4.50
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)	0.21	0.19	0.20	0.18
Nitrate Nitrogen (mg/L)	0.10	0.10	0.09	0.09
Total Inorganic Nitrogen (mg/L)	0.31	0.29	0.29	0.27
Total Kjeldahl Nitrogen (mg/L)	0.20	0.20	0.20	0.20
Total Nitrogen (mg/L)	0.50	0.50	0.50	0.40
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)	1.65	1.80	1.65	1.80
<i>E. coli</i> (cfu/100 mL)	1	2	2	1
Faecal Coliforms (cfu/100 mL)	1	5	2	1