

Water Quality Data of The Brothers Marine Park from October to December 2019 (4th Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.6		24.6	
Temperature (°C)	25.00	24.90	25.10	24.90
Salinity (‰)	31.54	31.85	31.56	32.08
Dissolved Oxygen (mg/L)	7.80	8.50	9.50	8.40
pH	8.13	8.11	8.15	8.09
Secchi Disc Depth (m)	1.5		1.5	
Turbidity (NTU)	2.00	2.00	1.50	1.00
Suspended Solids (mg/L)	8.00	8.50	3.50	5.50
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)	0.14	0.14	0.13	0.14
Nitrate Nitrogen (mg/L)	0.02	0.02	0.02	0.02
Total Inorganic Nitrogen (mg/L)	0.16	0.16	0.15	0.15
Total Kjeldahl Nitrogen (mg/L)	0.30	0.30	0.35	0.35
Total Nitrogen (mg/L)	0.45	0.50	0.50	0.50
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	7.30	7.05	7.60	6.85
<i>E. coli</i> (cfu/100 mL)	17	12	1	1
Faecal Coliforms (cfu/100 mL)	29	23	2	3