

Water Quality Data of The Brothers Marine Park from October to December 2018 (4th Quarter)

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	24.6		24.6	
Temperature (°C)	25.00	25.00	25.00	25.00
Salinity (‰)	31.10	31.10	30.10	30.10
Dissolved Oxygen (mg/L)	7.80	7.40	7.40	7.40
pH	8.20	8.20	8.20	8.20
Secchi Disc Depth (m)	1.8		1.8	
Turbidity (NTU)	6.00	7.00	10.00	10.50
Suspended Solids (mg/L)	13.00	14.00	23.00	21.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	<0.01	<0.01	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.15	0.14	0.16	0.16
Nitrate Nitrogen (mg/L)	0.02	0.03	0.03	0.03
Total Inorganic Nitrogen (mg/L)	0.17	0.16	0.18	0.20
Total Kjeldahl Nitrogen (mg/L)	0.30	0.25	0.30	0.25
Total Nitrogen (mg/L)	0.40	0.40	0.45	0.40
Orthophosphate Phosphorus (mg/L)	<0.01	0.02	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	8.05	8.90	7.85	7.95
<i>E. coli</i> (cfu/100 mL)	28	22	34	37
Faecal Coliforms (cfu/100 mL)	56	42	69	69