

Water quality of The Brothers Marine Park in Year 2020

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	21.45		21.45	
Temperature (°C)	24.08	23.68	24.11	23.70
Salinity (‰)	28.45	29.00	28.34	28.74
Dissolved Oxygen (mg/L)	7.73	6.11	6.30	6.25
pH	7.90	7.93	7.90	7.93
Secchi Disc Depth (m)	1.0		1.0	
Turbidity (NTU)	4.00	4.25	4.25	4.38
Suspended Solids (mg/L)	7.63	7.25	6.50	7.75
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.07	0.07	0.08	0.07
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.05	0.05	0.05	0.06
Nitrate Nitrogen (mg/L)	0.40	0.42	0.43	0.43
Total Inorganic Nitrogen (mg/L)	0.52	0.53	0.55	0.55
Total Kjeldahl Nitrogen (mg/L)	0.33	0.30	0.35	0.33
Total Nitrogen (mg/L)	0.76	0.79	0.84	0.81
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)	3.56	3.60	3.85	3.58
<i>E. coli</i> (cfu/100 mL)	56	70	54	56
Faecal Coliforms (cfu/100 mL)	103	131	104	94