

### Water quality of The Brothers Marine Park in Year 2019

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.95		23.93	
Temperature (°C)	25.05	25.00	25.08	25.05
Salinity (‰)	26.67	27.09	26.66	26.82
Dissolved Oxygen (mg/L)	7.68	6.73	7.03	6.78
pH	8.05	8.03	8.04	8.02
Secchi Disc Depth (m)	1.6		1.6	
Turbidity (NTU)	2.50	2.33	2.50	2.00
Suspended Solids (mg/L)	5.50	6.25	5.50	5.88
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.07	0.07	0.07	0.06
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.43	0.43	0.43	0.44
Nitrate Nitrogen (mg/L)	0.06	0.06	0.06	0.06
Total Inorganic Nitrogen (mg/L)	0.54	0.54	0.55	0.54
Total Kjeldahl Nitrogen (mg/L)	0.31	0.28	0.31	0.30
Total Nitrogen (mg/L)	0.78	0.76	0.80	0.79
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.03	0.03
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.61	2.53	2.74	2.41
<i>E. coli</i> (cfu/100 mL)	26	26	18	25
Faecal Coliforms (cfu/100 mL)	94	57	43	47