

**Water quality of The Brothers Marine Park in Year 2017**

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.33		24.48	
Temperature (°C)	25.63	25.15	25.45	25.15
Salinity (‰)	25.00	27.20	24.24	27.15
Dissolved Oxygen (mg/L)	7.80	6.01	6.33	6.09
pH	7.90	7.90	7.90	7.88
Secchi Disc Depth (m)	1.6		1.6	
Turbidity (NTU)	3.38	3.38	3.25	4.75
Suspended Solids (mg/L)	6.50	8.25	6.75	10.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.04	0.03	0.04
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	0.59	0.60	0.59
Nitrate Nitrogen (mg/L)	0.11	0.11	0.11	0.11
Total Inorganic Nitrogen (mg/L)	0.74	0.73	0.73	0.72
Total Kjeldahl Nitrogen (mg/L)	0.33	0.33	0.31	0.30
Total Nitrogen (mg/L)	1.04	0.99	1.00	0.98
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)	2.26	2.19	2.50	2.31
<i>E. coli</i> (cfu/100 mL)	1553	112	251	1489
Faecal Coliforms (cfu/100 mL)	2316	341	321	2461