

Water Quality Data of The Brothers Marine Park from January to March 2020 (1st Quarter)

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	14.6		14.6	
Temperature (°C)	19.00	19.10	19.00	19.10
Salinity (‰)	31.90	31.90	31.90	31.90
Dissolved Oxygen (mg/L)	7.50	7.50	7.40	7.40
pH	7.90	7.90	7.90	7.90
Secchi Disc Depth (m)	1.4		1.5	
Turbidity (NTU)	3.00	3.00	4.00	4.00
Suspended Solids (mg/L)	7.00	5.50	6.50	6.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.06	0.06	0.08	0.06
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.14	0.15	0.14	0.13
Nitrate Nitrogen (mg/L)	0.01	<0.01	0.01	0.02
Total Inorganic Nitrogen (mg/L)	0.20	0.20	0.22	0.20
Total Kjeldahl Nitrogen (mg/L)	0.25	0.30	0.30	0.25
Total Nitrogen (mg/L)	0.40	0.45	0.45	0.40
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)	4.80	4.70	6.95	5.05
<i>E. coli</i> (cfu/100 mL)	105	155	89	107
Faecal Coliforms (cfu/100 mL)	175	290	155	155