

Water Quality Data of The Brothers Marine Park from July to September 2020 (3rd Quarter)

	West Brother		East Brother	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	27.0		27.0	
Water Temperature (°C)	28.10	27.90	28.40	28.10
Salinity (‰)	27.70	28.20	26.90	27.50
Dissolved Oxygen (mg/L)	7.80	5.30	5.60	5.50
pH	7.90	7.90	7.90	7.90
Secchi Disc Depth (m)	1.0		0.8	
Turbidity (NTU)	2.50	2.00	2.00	3.00
Suspended Solids (mg/L)	6.00	3.50	3.00	4.50
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.02	0.01	0.02	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.52	0.58	0.54	0.57
Nitrate Nitrogen (mg/L)	0.09	0.09	0.09	0.10
Total Inorganic Nitrogen (mg/L)	0.63	0.68	0.65	0.68
Total Kjeldahl Nitrogen (mg/L)	0.25	0.20	0.35	0.25
Total Nitrogen (mg/L)	0.85	0.90	1.00	0.95
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.01	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	5.40	5.70	4.90	5.25
<i>E. coli</i> (cfu/100 mL)	35	31	21	30
Faecal Coliforms (cfu/100 mL)	65	59	42	49