

**Water Quality Data of The Brothers Marine Park from January to March 2018 (1st Quarter)**

	West Brother		East Brother	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	20.1		20.1	
Temperature (°C)	17.10	17.10	17.10	17.10
Salinity (‰)	30.20	30.40	30.10	30.30
Dissolved Oxygen (mg/L)	8.50	8.60	8.60	8.60
pH	8.10	8.10	8.10	8.10
Secchi Disc Depth (m)	2.3		2.3	
Turbidity (NTU)	3.00	3.00	3.00	3.00
Suspended Solids (mg/L)	10.50	15.50	8.00	7.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.05	0.05	0.05	0.05
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.51	0.50	0.50	0.51
Nitrate Nitrogen (mg/L)	0.03	0.03	0.03	0.03
Total Inorganic Nitrogen (mg/L)	0.59	0.58	0.58	0.58
Total Kjeldahl Nitrogen (mg/L)	0.25	0.30	0.30	0.30
Total Nitrogen (mg/L)	0.80	0.80	0.80	0.80
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)	11.35	11.60	12.70	10.25
<i>E. coli</i> (cfu/100 mL)	51	42	52	38
Faecal Coliforms (cfu/100 mL)	93	120	93	101