

Water quality of Yan Chau Tong Marine Park in Year 2018

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	25.13		25.15		25.15	
Temperature (°C)	25.23	23.34	25.08	23.61	25.23	23.64
Salinity (‰)	32.28	32.94	30.94	32.90	32.19	32.96
Dissolved Oxygen (mg/L)	8.44	6.94	8.46	7.59	8.43	7.61
pH	8.28	8.13	8.28	8.19	8.28	8.15
Secchi Disc Depth (m)	3.2		3.0		3.1	
Turbidity (NTU)	0.50	0.63	0.56	0.63	0.75	0.63
Suspended Solids (mg/L)	4.75	4.63	5.13	4.50	4.13	3.75
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	1.38	1.00	<2	<2
Ammoniacal Nitrogen (mg/L)	0.01	0.01	<0.01	<0.01	<0.01	<0.01
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.01	0.01	0.01	0.01	0.01	0.01
Total Inorganic Nitrogen (mg/L)	0.01	0.01	0.02	0.01	0.01	0.01
Total Kjeldahl Nitrogen (mg/L)	0.26	0.21	0.30	0.33	0.25	0.25
Total Nitrogen (mg/L)	0.26	0.23	0.30	0.34	0.25	0.25
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	3.38	3.15	4.08	3.91	3.28	4.16
<i>E. coli</i> (cfu/100 mL)	0	0	2	1	0	0
Faecal Coliforms (cfu/100 mL)	1	3	7	3	4	2