

Water quality of Yan Chau Tong Marine Park in Year 2019

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	25.65		25.70		25.53	
Temperature (°C)	25.59	24.51	25.68	24.40	25.43	24.51
Salinity (‰)	32.11	32.53	30.85	32.47	32.26	32.50
Dissolved Oxygen (mg/L)	7.66	6.17	7.49	6.03	7.50	5.96
pH	8.14	8.19	8.14	8.16	8.21	8.20
Secchi Disc Depth (m)	2.8		2.5		2.5	
Turbidity (NTU)	<1	<1	1.00	1.00	1.25	1.25
Suspended Solids (mg/L)	3.00	3.00	3.50	2.75	3.25	3.00
5-Day Biochemical Oxygen Demand (mg/L)	2.63	3.25	2.75	2.25	2.13	2.25
Ammoniacal Nitrogen (mg/L)	0.03	0.02	0.02	0.02	0.01	0.02
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)	0.03	0.03	0.03	0.03	0.03	0.03
Total Inorganic Nitrogen (mg/L)	0.05	0.04	0.05	0.05	0.05	0.05
Total Kjeldahl Nitrogen (mg/L)	0.45	0.56	0.34	0.29	0.61	0.36
Total Nitrogen (mg/L)	0.46	0.58	0.51	0.41	0.63	0.39
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	0.01	0.01	0.02
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	3.21	2.34	2.08	2.33	2.09	2.13
<i>E. coli</i> (cfu/100 mL)	7	5	0	22	0	16
Faecal Coliforms (cfu/100 mL)	60	26	7	29	11	27