

Water quality of Yan Chau Tong Marine Park in Year 2017

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	25.78		25.85		25.93	
Temperature (°C)	26.07	25.30	26.02	25.45	26.09	25.47
Salinity (‰)	30.00	31.08	29.74	31.23	30.53	31.23
Dissolved Oxygen (mg/L)	6.96	5.30	6.48	5.24	6.08	5.14
pH	8.16	8.01	8.09	8.03	8.11	8.03
Secchi Disc Depth (m)	3.2		3.0		3.0	
Turbidity (NTU)	1.25	1.50	1.25	1.50	1.50	1.50
Suspended Solids (mg/L)	2.25	3.38	2.88	4.63	2.38	3.13
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.02	0.04	<0.01	0.03	0.02	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.01	0.03	0.03	0.06	0.02	0.05
Nitrate Nitrogen (mg/L)	0.04	0.07	0.05	0.07	0.05	0.06
Total Inorganic Nitrogen (mg/L)	0.06	0.13	0.09	0.14	0.09	0.12
Total Kjeldahl Nitrogen (mg/L)	0.35	0.34	0.34	0.30	0.29	0.26
Total Nitrogen (mg/L)	0.40	0.44	0.40	0.39	0.34	0.34
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)	3.86	1.64	3.55	1.46	3.33	1.28
<i>E. coli</i> (cfu/100 mL)	0	15	0	1	4	2
Faecal Coliforms (cfu/100 mL)	0	23	2	7	8	8