

Water quality of Yan Chau Tong Marine Park in Year 2014

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	25.2		25.2		25.2	
Temperature (°C)	22.58	20.86	23.65	21.80	23.34	21.58
Salinity (‰)	30.81	33.23	30.74	33.17	30.91	33.48
Dissolved Oxygen (mg/L)	7.26	6.10	7.01	5.99	7.06	6.02
pH	8.34	8.30	8.36	8.29	8.31	8.29
Secchi Disc Depth (m)	3.5		3.2		3.2	
Turbidity (NTU)	0.71	0.80	0.82	0.99	0.83	0.92
Suspended Solids (mg/L)	3.36	4.41	4.26	3.50	3.16	4.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.10	0.09	0.08	0.08	0.07	0.08
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)	0.09	0.09	0.08	0.09	0.09	0.09
Total Inorganic Nitrogen (mg/L)	0.19	0.17	0.17	0.17	0.17	0.17
Total Kjeldahl Nitrogen (mg/L)	0.36	0.51	0.41	0.50	0.38	0.34
Total Nitrogen (mg/L)	0.46	0.59	0.45	0.57	0.47	0.40
Orthophosphate Phosphorus (mg/L)	0.06	0.02	0.02	0.02	0.02	0.02
Total Phosphorus (mg/L)	0.03	0.04	0.02	0.02	0.02	0.02
Chlorophyll-a (µg/L)	2.15	3.85	1.84	2.59	1.85	2.05
<i>E. coli</i> (cfu/100 mL)	0	0	1	0	1	1
Faecal Coliforms (cfu/100 mL)	3	4	4	4	4	5