

Water quality of Yan Chau Tong Marine Park in Year 2013

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	25.4		26.2		26.3	
Temperature (°C)	24.69	24.61	25.11	24.73	25.16	24.48
Salinity (‰)	31.30	31.85	31.02	31.18	30.93	31.77
Dissolved Oxygen (mg/L)	5.98	5.71	6.23	6.22	7.01	6.04
pH	8.17	8.14	8.17	8.16	8.18	8.12
Secchi Disc Depth (m)	3.3		2.9		3.2	
Turbidity (NTU)	7.14	2.58	2.50	3.33	35.98	3.76
Suspended Solids (mg/L)	7.14	7.61	6.49	9.23	6.80	9.36
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.03	0.03	0.02	0.02	0.02	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.03	0.03	0.03	0.03	0.03
Nitrate Nitrogen (mg/L)	0.07	<0.05	0.06	<0.05	<0.05	<0.05
Total Inorganic Nitrogen (mg/L)	0.13	0.11	0.12	0.11	0.11	<0.1
Total Kjeldahl Nitrogen (mg/L)	0.42	0.39	0.39	0.37	0.38	0.45
Total Nitrogen (mg/L)	0.49	0.46	0.45	0.39	0.39	0.47
Orthophosphate Phosphorus (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total Phosphorus (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorophyll-a (µg/L)	1.19	3.67	1.40	1.24	1.17	3.47
<i>E. coli</i> (cfu/100 mL)	1	1	0	2	1	1
Faecal Coliforms (cfu/100 mL)	6	6	6	10	12	10