

**Water quality of Yan Chau Tong Marine Park in Year 2015**

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.9		28.9		28.9	
Temperature (°C)	25.40	23.04	25.30	23.24	25.25	23.44
Salinity (‰)	31.18	32.88	31.18	32.80	31.30	31.90
Dissolved Oxygen (mg/L)	7.54	5.50	7.73	5.40	7.61	5.45
pH	8.21	8.10	8.23	8.11	8.19	8.11
Secchi Disc Depth (m)	2.8		2.5		2.4	
Turbidity (NTU)	0.99	1.39	1.26	1.58	1.37	1.61
Suspended Solids (mg/L)	2.69	3.05	4.04	4.39	2.68	3.55
5-Day Biochemical Oxygen Demand (mg/L)	0.75	0.00	1.63	1.50	1.50	1.00
Ammoniacal Nitrogen (mg/L)	0.03	0.04	0.04	0.05	0.03	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.00	0.01	0.01	0.01	0.00	0.01
Nitrate Nitrogen (mg/L)	0.04	0.04	0.04	0.05	0.02	0.03
Total Inorganic Nitrogen (mg/L)	0.07	0.08	0.08	0.10	0.06	0.07
Total Kjeldahl Nitrogen (mg/L)	0.29	0.36	0.30	0.51	0.48	0.53
Total Nitrogen (mg/L)	0.30	0.38	0.41	0.55	0.53	0.60
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)	7.15	4.81	8.46	4.29	7.07	4.20
<i>E. coli</i> (cfu/100 mL)	0	0	0	1	0	0
Faecal Coliforms (cfu/100 mL)	1	4	3	8	12	2