

Water Quality Data of Yan Chau Tong Marine Park from April to June 2014 (2nd Quarter)

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
	Surface	Bottom	Surface	Bottom	Surface	Bottom
Water Depth						
Air Temperature (°C)	24.6		24.6		24.6	
Temperature (°C)	23.60	22.70	23.30	22.70	23.50	22.60
Salinity (‰)	24.40	31.60	24.70	31.60	25.40	32.30
Dissolved Oxygen (mg/L)	7.05	6.12	6.38	5.98	6.95	5.90
pH	8.35	8.34	8.38	8.34	8.30	8.28
Secchi Disc Depth (m)	2.1		2.1		2.1	
Turbidity (NTU)	0.38	0.35	0.30	0.55	0.43	0.28
Suspended Solids (mg/L)	<2.5	2.90	3.30	<2.5	<2.5	2.55
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.120	0.117	0.090	0.086	0.110	0.115
Unionized Ammonia (mg/L)	0.01	0.01	<0.01	<0.01	0.01	0.01
Nitrite Nitrogen (mg/L)	0.02	0.01	0.02	0.01	0.02	0.01
Nitrate Nitrogen (mg/L)	0.11	0.09	0.10	0.11	0.13	0.10
Total Inorganic Nitrogen (mg/L)	0.23	0.22	0.21	0.21	0.25	0.23
Total Kjeldahl Nitrogen (mg/L)	<0.3	<0.3	<0.3	<0.3	0.36	<0.3
Total Nitrogen (mg/L)	0.37	0.34	<0.3	<0.3	0.46	<0.3
Orthophosphate Phosphorus (mg/L)	<0.01	0.02	<0.01	0.02	<0.01	<0.01
Total Phosphorus (mg/L)	0.02	0.05	<0.01	0.02	<0.01	<0.01
Chlorophyll-a (µg/L)	3.55	2.90	3.90	3.80	3.35	2.80
<i>E. coli</i> (cfu/100 mL)	0	1	2	1	1	3
Faecal Coliforms (cfu/100 mL)	4	6	8	6	6	8