

Water Quality Data of Yan Chau Tong Marine Park from January to March 2014 (First Quarter)

	1 Yan Chau Tong		2 Lai Chi Wo		3 Kau Ma Shek	
No. of Sample	1		1		1	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.9		23.9		23.9	
Temperature (°C)	16.60	15.70	17.70	16.70	16.60	16.10
Salinity (‰)	34.40	34.60	34.20	34.30	34.40	34.50
Dissolved Oxygen (mg/L)	8.50	8.12	8.43	8.36	8.42	8.32
pH	8.33	8.37	8.39	8.46	8.33	8.39
Secchi Disc Depth (m)	3.2		2.3		2.2	
Turbidity (NTU)	1.03	0.95	1.25	1.90	1.55	1.85
Suspended Solids (mg/L)	6.40	7.25	5.40	5.90	5.45	4.70
5-Day Biochemical Oxygen Demand	2.05	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.100	0.084	0.107	0.098	0.067	0.075
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	0.01	0.01	0.02	0.01
Nitrate Nitrogen (mg/L)	0.13	0.15	0.13	0.13	0.15	0.17
Total Inorganic Nitrogen (mg/L)	0.25	0.25	0.26	0.24	0.23	0.25
Total Kjeldahl Nitrogen (mg/L)	0.42	0.48	<0.3	<0.3	0.36	<0.3
Total Nitrogen (mg/L)	0.56	0.64	0.35	0.41	0.50	0.44
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)	2.25	1.10	0.77	1.55	1.20	1.30
<i>E. coli</i> (cfu/100 mL)	0	0	1	0	2	1
Faecal Coliforms (cfu/100 mL)	3	6	3	4	4	8