

Water quality data of Yan Chau Tong Marine Park from January to March 2010 (First Quarter)

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of Sample	1		1		1	
Depth (m)	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	21.3		20.5		20.5	
Temperature (°C)	17.89	16.21	17.65	15.97	18.01	16.13
Salinity (ppt)	32.51	33.34	32.49	33.02	32.44	32.73
DO (mg/L)	7.48	5.91	7.12	5.87	7.2	5.74
pH	8.23	8.08	8.16	8.04	8.21	8.07
Secchi depth (m)	5		5		5	
Turbidity (NTU)	0.2	3.4	0.4	4.1	0.3	0.7
Suspended solids (mg/L)	0.6	2.5	1.6	2.1	1.2	1.6
BOD ₅ (mg/L)	1.54	0.88	3.22	0.88	3.79	1.15
Ammoniacal nitrogen (mg/L)	0.02	0.05	0.14	0.05	0.04	0.18
Unionized ammonia (mg/L)	0.002	0.006	0.014	0.007	0.004	0.022
Nitrite nitrogen (mg/L)	ND	ND	ND	ND	ND	ND
Nitrate nitrogen (mg/L)	0.09	0.05	0.07	0.06	0.08	0.06
TIN (mg/L)	0.11	0.1	0.21	0.11	0.12	0.24
TKN (mg/L)	0.03	0.08	0.21	0.09	0.06	0.24
TN (mg/L)	0.12	0.13	0.28	0.15	0.14	0.3
Orthophosphate phosphorus (mg/L)	0.04	0.05	0.04	0.05	0.05	0.05
TP (mg/L)	0.04	0.08	0.08	0.07	0.12	0.08
Chlorophyll-a (µg/L)	2.75	0.68	13	0.85	15.66	1.63
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	2	1	4	0	2	0

ND: Not detectable