

Water quality data of Yan Chau Tong Marine Park from January to March 2006 (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)	21.1		22.3		21.1	
Temperature (°C)	17.58	17.06	17.53	17.52	17.52	17.43
Salinity (ppt)	32.14	32.41	32.49	32.43	32.48	32.42
DO (mg/L)	9.04	8.07	8.76	8.62	9.05	8.74
pH	8.21	8.06	8.21	8.19	8.2	8.18
Secchi depth (m)	5.7		5.1		5.1	
Turbidity (NTU)	1.4	7.1	0	2.1	6.4	1.2
Suspended solids (mg/L)	1.26	4.46	0.95	2.26	1.49	1.72
BOD ₅ (mg/L)	1.29	1.19	1.52	1.48	1.71	0.99
Ammoniacal nitrogen (mg/L)	0.05	0.06	0.03	0.07	0.04	0.03
Unionized ammonia (mg/L)	ND	0.01	ND	0.01	ND	ND
Nitrite nitrogen (mg/L)	0.05	0.06	0.05	0.06	0.05	0.05
Nitrate nitrogen (mg/L)	0.37	0.4	0.46	0.49	0.5	0.63
TIN (mg/L)	0.46	0.52	0.54	0.62	0.59	0.72
TKN (mg/L)	0.39	0.46	0.53	0.51	0.37	0.9
TN (mg/L)	0.81	0.92	1.04	1.06	0.92	1.59
Orthophosphate phosphorus (mg/L)	0.05	0.04	0.04	0.02	0.04	0.01
TP (mg/L)	0.11	0.11	0.04	0.02	0.1	0.02
Chlorophyll-a (µg/L)	2.24	1.6	1.86	1.84	3.27	2.28
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	10	2165	25	405	15	780

ND: Not detectable