

Water quality data of Yan Chau Tong Marine Park from October to December 2007 (Fourth 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		22		21.2	
Temperature (°C)	23.01	23.01	22.82	22.76	22.9	22.91
Salinity (ppt)	33.3	33.4	33.3	33.3	33.2	33.3
DO (mg/L)	7	7.15	6.97	7.11	6.99	7
pH	8.24	8.25	8.23	8.22	8.25	8.24
Secchi depth (m)	3		3		3	
Turbidity (NTU)	2.9	4.9	1.9	2.6	2.1	2.3
Suspended solids (mg/L)	1.98	2.85	0.23	0.56	0.39	5.56
BOD ₅ (mg/L)	1.23	0.73	0.97	0.88	1.07	0.46
Ammoniacal nitrogen (mg/L)	0.01	ND	0.01	0.02	0.01	ND
Unionized ammonia (mg/L)	0.001	ND	0.001	0.002	0.001	ND
Nitrite nitrogen (mg/L)	0.02	0.02	0.05	0.01	0.03	0.03
Nitrate nitrogen (mg/L)	0.28	0.26	0.26	0.27	0.27	0.29
TIN (mg/L)	0.31	0.28	0.32	0.3	0.31	0.33
TKN (mg/L)	0.43	0.2	0.58	0.53	0.32	0.49
TN (mg/L)	0.74	0.48	0.89	0.81	0.63	0.81
Orthophosphate phosphorus (mg/L)	0.06	0.07	0.05	0.07	0.05	0.05
TP (mg/L)	0.25	0.29	0.2	0.51	0.21	0.22
Chlorophyll-a (µg/L)	4.71	4.91	4.42	4.09	3.68	3.45
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	935	0	1430	0	6480

ND: Not detectable