

Water quality data of Yan Chau Tong Marine Park from October to December 2008 (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)	23.8		24		24.2	
Temperature (°C)	27.19	27.22	27.1	27.12	27.16	27.18
Salinity (ppt)	33.9	33.9	33.8	33.7	33.8	33.8
DO (mg/L)	6.27	6.23	6.37	6.54	6.18	6.19
pH	8.17	8.16	8.15	8.15	8.15	8.14
Secchi depth (m)	4		3		3.5	
Turbidity (NTU)	1.2	1.9	1.8	1.6	1.4	1.3
Suspended solids (mg/L)	1.67	1.7	3.22	4.09	2.37	1.9
BOD ₅ (mg/L)	0.76	0.75	1.01	1.02	0.7	0.95
Ammoniacal nitrogen (mg/L)	0.01	0.02	0.01	0.02	0.02	0.01
Unionized ammonia (mg/L)	0.001	0.002	0.001	0.002	0.002	0.001
Nitrite nitrogen (mg/L)	ND	ND	ND	ND	ND	ND
Nitrate nitrogen (mg/L)	0.04	0.05	0.06	0.04	0.08	0.07
TIN (mg/L)	0.05	0.07	0.07	0.05	0.1	0.08
TKN (mg/L)	0.18	0.17	0.18	0.17	0.18	0.16
TN (mg/L)	0.21	0.22	0.24	0.2	0.26	0.23
Orthophosphate phosphorus (mg/L)	0.03	0.03	0.02	0.07	0.02	0.01
TP (mg/L)	0.24	0.22	0.25	0.24	0.29	0.31
Chlorophyll-a (µg/L)	2.39	2.45	3.82	3.16	2.57	2.39
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	20	5	20	0	60

ND: Not detectable