

Water quality data of Yan Chau Tong Marine Park from January to March 2009 (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)	19.9		20.7		20.4	
Temperature (°C)	19.55	18.35	20.23	19.09	19.76	18.99
Salinity (ppt)	33.1	33.2	32.6	33.2	32.9	33.2
DO (mg/L)	6.98	5.95	6.67	6.5	7.11	6.48
pH	8.35	8.34	8.29	8.37	8.34	8.34
Secchi depth (m)	9		5.5		6	
Turbidity (NTU)	0.2	0.4	0.2	0.3	0.4	0.3
Suspended solids (mg/L)	0.25	0.29	1.11	0.44	0.5	0.92
BOD ₅ (mg/L)	1.06	0.45	2	0.66	1.43	0.53
Ammoniacal nitrogen (mg/L)	ND	ND	0.03	0.01	0.01	0.01
Unionized ammonia (mg/L)	ND	ND	0.002	0.001	0.001	0.001
Nitrite nitrogen (mg/L)	ND	0.02	ND	0.02	0.01	0.01
Nitrate nitrogen (mg/L)	0.05	0.05	0.04	0.04	0.03	0.04
TIN (mg/L)	0.05	0.07	0.07	0.08	0.05	0.06
TKN (mg/L)	0.03	0.04	0.05	0.08	0.07	0.06
TN (mg/L)	0.08	0.1	0.1	0.14	0.11	0.11
Orthophosphate phosphorus (mg/L)	ND	ND	0.04	ND	0.01	0.01
TP (mg/L)	0.14	0.13	0.09	0.09	0.11	0.1
Chlorophyll-a (µg/L)	2.51	0.39	6.83	1.64	1.79	0.31
<i>E. coli</i> (CFU/100 mL)	0	0	0	0	0	0
Fecal coliforms (CFU/100 mL)	0	0	10	0	15	0

ND: Not detectable