

Water quality data of Yan Chau Tong Marine Park from Oct to Dec (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)	22.3		23.4		22.8	
Temperature (°C)	24.5	24.54	24.65	24.6	24.66	24.57
Salinity (ppt)	33.39	33.1	33.24	33.33	33.29	33.3
DO (mg/L)	6.66	4.78	5.99	5.16	6.65	5.41
pH	8.37	8.31	8.34	8.3	8.37	8.33
Secchi depth (m)	2.8		2.1		2	
Turbidity (NTU)	2.2	4.5	3.9	4.4	2.7	5.3
Suspended solids (mg/L)	1.55	7.18	4.1	5.48	2.61	4.94
BOD ₅ (mg/L)	1.24	0.91	1.3	1.16	1.96	1.06
Ammoniacal nitrogen (mg/L)	0.03	0.03	0.04	0.08	0.02	0.02
Unionized ammonia (mg/L)	0.002	0.002	0.003	0.006	0.001	0.002
Nitrite nitrogen (mg/L)	0.07	0.03	0.02	0.05	0.04	0.01
Nitrate nitrogen (mg/L)	0.07	0.1	0.06	0.06	0.08	0.1
TIN (mg/L)	0.17	0.16	0.12	0.19	0.14	0.13
TKN (mg/L)	0.36	0.36	0.39	0.43	0.44	0.46
TN (mg/L)	0.5	0.49	0.47	0.54	0.56	0.57
Orthophosphate phosphorus (mg/L)	0.14	0.13	0.07	0.09	0.13	0.13
TP (mg/L)	0.35	0.31	0.36	0.41	0.32	0.31
Chlorophyll-a (µg/L)	3.33	1.5	5.28	4.99	9.39	2
<i>E. coli</i> (CFU/100 mL)	0	10	0	5	0	5
Fecal coliforms (CFU/100 mL)	30	55	5	70	5	65