

Water Quality Data of Yan Chau Tong Marine Park from October to December 2012 (Forth Quarter)

	Yan Chau Tong		Lai Chi Wo		Kau Ma Shek	
No. of Sample	1		1		1	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.52		27.29		26.34	
Temperature (°C)	26.67	26.23	27.29	26.46	27.17	26.26
Salinity (‰)	28.14	27.97	32.54	32.43	32.52	32.44
Dissolved Oxygen (mg/L)	8.55	7.67	8.31	8.20	9.27	7.98
pH	8.00	7.97	8.01	8.00	8.02	8.04
Secchi Disc Depth (m)	1.7		2.2		1.9	
Turbidity (NTU)	1.70	8.10	1.10	18.70	2.80	6.70
Suspended Solids (mg/L)	4.60	6.20	5.20	6.20	4.40	9.00
5-Day Biochemical Oxygen Demand	0.30	0.00	0.40	1.00	0.20	0.60
Ammoniacal Nitrogen (mg/L)	0.027	0.018	0.002	0.028	0.008	0.022
Unionized Ammonia (mg/L)	0.002	0.001	0.000	0.002	0.001	0.001
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.12	0.11	0.03	0.03	<0.01	0.04
Total Inorganic Nitrogen (mg/L)	0.15	0.13	0.04	0.06	<0.01	0.06
Total Kjeldahl Nitrogen (mg/L)	0.30	0.14	0.22	0.46	0.24	0.25
Total Nitrogen (mg/L)	0.42	0.25	0.25	0.49	0.24	0.29
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorophyll-a (µg/L)	1.49	1.09	1.24	1.44	2.80	1.48
<i>E. coli</i> (cfu/100 mL)	<1	2	<1	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	<1	6	<1	<1	<1	<1