

Water Quality Data of Yan Chau Tong Marine Park from January to March 2013 (First 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)	18.49		18.53		18.53	
Temperature (°C)	17.25	18.64	18.45	17.60	18.53	17.43
Salinity (‰)	33.20	33.01	32.97	32.90	32.90	32.98
Dissolved Oxygen (mg/L)	7.04	8.05	8.29	8.09	10.41	9.87
pH	8.13	8.15	8.15	8.14	8.19	8.08
Secchi Disc Depth (m)	2.0		2.5		2.2	
Turbidity (NTU)	21.60	1.80	2.50	2.60	134.50	1.50
Suspended Solids (mg/L)	17.60	16.20	14.60	23.40	15.60	16.00
5-Day Biochemical Oxygen Demand	1.20	1.00	0.60	0.90	1.20	1.70
Ammoniacal Nitrogen (mg/L)	0.007	0.010	<0.001	0.010	<0.001	0.000
Unionized Ammonia (mg/L)	0.000	0.001	<0.001	0.000	<0.001	0.000
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.11	0.04	0.05	<0.01	<0.01	<0.01
Total Inorganic Nitrogen (mg/L)	0.12	0.05	0.05	0.01	<0.01	<0.01
Total Kjeldahl Nitrogen (mg/L)	0.17	0.18	0.21	0.22	0.24	0.21
Total Nitrogen (mg/L)	0.29	0.21	0.26	0.22	0.24	0.21
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Phosphorus (mg/L)	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
Chlorophyll-a (µg/L)	1.28	1.45	1.19	0.68	0.58	0.98
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	6	<1	<1
Faecal Coliforms (cfu/100 mL)	10	24	6	34	4	<1