

Water Quality Data of Tung Ping Chau Marine Park from January to March 2012 (First Quarter)

	Ma Kok Tsui		Cheung Sha Wan	
No. of Sample	1		1	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	15.90		16.13	
Temperature (°C)	16.28	16.28	16.31	16.26
Salinity (‰)	31.26	31.26	31.23	31.23
Dissolved Oxygen (mg/L)	8.10	8.27	8.47	8.56
pH	8.34	8.33	8.29	8.28
Secchi Disc Depth (m)	2.4		3.1	
Turbidity (NTU)	0.60	1.00	0.50	2.50
Suspended Solids (mg/L)	5.60	6.00	5.00	5.40
5-Day Biochemical Oxygen Demand	0.7	0.4	0.8	0.2
Ammoniacal Nitrogen (mg/L)	<0.001	<0.001	<0.001	<0.001
Unionized Ammonia (mg/L)	<0.001	<0.001	<0.001	<0.001
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.11	0.15	0.06	0.02
Total Inorganic Nitrogen (mg/L)	0.11	0.15	0.06	0.02
Total Kjeldahl Nitrogen (mg/L)	0.10	0.06	0.14	0.19
Total Nitrogen (mg/L)	0.22	0.20	0.19	0.21
Orthophosphate Phosphorus (mg/L)	<0.001	0.013	<0.001	<0.001
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01
Chlorophyll-a (µg/L)	2.12	2.99	3.93	3.45
<i>E. coli</i> (cfu/100 mL)	<1	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	<1	<1	<1	<1