

Water quality of Tung Ping Chau Marine Park in Year 2013

	Ma Kok Tsui		Cheung Sha Wan	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	24.9		26.1	
Temperature (°C)	24.75	24.00	24.55	23.79
Salinity (‰)	31.10	31.88	31.19	32.31
Dissolved Oxygen (mg/L)	6.88	6.02	7.10	6.13
pH	8.13	8.12	8.20	8.12
Secchi Disc Depth (m)	4.9		4.4	
Turbidity (NTU)	2.34	4.10	1.90	3.81
Suspended Solids (mg/L)	6.96	11.07	3.79	6.41
5-Day Biochemical Oxygen Demand (mg/L)	<2	2.51	<2	<2
Ammoniacal Nitrogen (mg/L)	0.02	0.05	<0.01	0.03
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	0.02	0.02
Nitrate Nitrogen (mg/L)	0.09	0.08	0.08	0.10
Total Inorganic Nitrogen (mg/L)	0.13	0.15	0.12	0.14
Total Kjeldahl Nitrogen (mg/L)	0.35	0.36	0.43	0.37
Total Nitrogen (mg/L)	0.43	0.42	0.51	0.45
Orthophosphate Phosphorus (mg/L)	<0.05	<0.05	<0.05	<0.05
Total Phosphorus (mg/L)	<0.05	<0.05	<0.05	<0.05
Chlorophyll-a (µg/L)	1.07	1.59	1.29	1.37
<i>E. coli</i> (cfu/100 mL)	2	8	1	3
Faecal Coliforms (cfu/100 mL)	15	15	3	8