

Water quality of Tung Ping Chau Marine Park in Year 2019

	Ma Kok Tsui		Cheung Sha Wan	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	25.68		25.83	
Temperature (°C)	25.48	24.96	25.56	24.78
Salinity (‰)	32.34	32.50	32.34	32.82
Dissolved Oxygen (mg/L)	7.19	7.04	7.18	6.27
pH	8.11	8.14	8.06	8.14
Secchi Disc Depth (m)	1.9		3.1	
Turbidity (NTU)	<1	<1	1.13	<1
Suspended Solids (mg/L)	2.75	3.13	3.13	3.38
5-Day Biochemical Oxygen Demand (mg/L)	2.38	2.50	2.13	3.38
Ammoniacal Nitrogen (mg/L)	0.02	0.02	0.02	0.02
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	<0.01	<0.01	<0.01	<0.01
Nitrate Nitrogen (mg/L)	0.06	0.06	0.06	0.06
Total Inorganic Nitrogen (mg/L)	0.08	0.07	0.07	0.07
Total Kjeldahl Nitrogen (mg/L)	0.48	0.45	0.44	0.59
Total Nitrogen (mg/L)	0.54	0.50	0.49	0.65
Orthophosphate Phosphorus (mg/L)	0.01	0.01	0.01	0.01
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	0.66	0.59	0.84	0.86
<i>E. coli</i> (cfu/100 mL)	1	0	0	0
Faecal Coliforms (cfu/100 mL)	21	34	7	3