

Water Quality Data of Tung Ping Chau Marine Park from July to September 2019 (3rd Quarter)

	Ma Kok Tsui		Cheung Sha Wan	
	Surface	Bottom	Surface	Bottom
Water Depth				
Air Temperature (°C)	32.10		32.20	
Water Temperature (°C)	29.90	28.15	30.10	27.30
Salinity (‰)	31.20	31.90	31.20	32.90
Dissolved Oxygen (mg/L)	6.80	6.20	6.80	3.80
pH	8.00	8.10	7.90	8.20
Secchi Disc Depth (m)	1.0		2.6	
Turbidity (NTU)	<1	<1	<1	<1
Suspended Solids (mg/L)	2.50	2.50	2.00	2.00
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	<0.01	0.02	0.04	0.04
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)	<0.01	0.01	<0.01	<0.01
Total Inorganic Nitrogen (mg/L)	<0.02	0.03	0.04	0.04
Total Kjeldahl Nitrogen (mg/L)	0.30	0.35	0.40	0.45
Total Nitrogen (mg/L)	0.30	0.35	0.40	0.45
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)	1.45	1.25	1.20	1.40
<i>E. coli</i> (cfu/100 mL)	4	0	0	0
Faecal Coliforms (cfu/100 mL)	85	135	27	13