

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2016

	N Lung Kwu Chau		Pak Chau		Sha Chau East	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	25.55		26.48		26.48	
Temperature (°C)	23.08	23.01	23.19	23.02	23.08	22.94
Salinity (‰)	22.35	25.45	21.43	25.58	21.55	25.63
Dissolved Oxygen (mg/L)	6.93	6.18	7.00	6.35	6.93	6.25
pH	7.78	7.81	7.78	7.85	7.75	7.80
Secchi Disc Depth (m)	1.2		1.3		1.8	
Turbidity (NTU)	4.25	8.63	3.50	12.13	3.25	7.50
Suspended Solids (mg/L)	6.63	14.13	6.88	22.63	6.75	16.13
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.16	0.15	0.16	0.14	0.16	0.14
Unionized Ammonia (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrite Nitrogen (mg/L)	0.15	0.14	0.15	0.13	0.16	0.13
Nitrate Nitrogen (mg/L)	0.66	0.63	0.76	0.58	0.76	0.59
Total Inorganic Nitrogen (mg/L)	0.96	0.91	1.06	0.85	1.08	0.85
Total Kjeldahl Nitrogen (mg/L)	0.51	0.53	0.53	0.53	0.56	0.50
Total Nitrogen (mg/L)	1.30	1.28	1.44	1.23	1.46	1.21
Orthophosphate Phosphorus (mg/L)	0.05	0.04	0.05	0.04	0.05	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	1.89	1.64	2.03	2.14	2.00	1.88
<i>E. coli</i> (cfu/100 mL)	110	187	104	127	150	126
Faecal Coliforms (cfu/100 mL)	184	308	172	185	261	208