

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2014

	N Lung Kwu Chau		Pak Chau		Sha Chau East	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.3		26.3		26.3	
Temperature (°C)	23.63	22.96	23.71	23.43	23.63	23.17
Salinity (‰)	23.58	27.18	24.39	26.13	24.73	26.77
Dissolved Oxygen (mg/L)	7.08	6.39	6.93	6.58	6.97	6.40
pH	8.09	8.13	8.08	8.13	8.14	8.16
Secchi Disc Depth (m)	1.5		1.4		1.5	
Turbidity (NTU)	5.61	10.23	5.19	6.76	5.03	6.68
Suspended Solids (mg/L)	7.74	10.71	6.85	7.84	5.68	27.86
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.28	0.32	0.27	0.22	0.25	0.23
Unionized Ammonia (mg/L)	0.02	0.02	0.02	0.02	0.02	0.02
Nitrite Nitrogen (mg/L)	0.08	0.07	0.07	0.07	0.07	0.06
Nitrate Nitrogen (mg/L)	0.59	0.53	0.55	0.52	0.50	0.36
Total Inorganic Nitrogen (mg/L)	0.93	0.91	0.88	0.81	0.80	0.71
Total Kjeldahl Nitrogen (mg/L)	0.53	0.57	0.49	0.54	0.51	0.58
Total Nitrogen (mg/L)	1.17	1.12	2.59	1.09	1.04	1.07
Orthophosphate Phosphorus (mg/L)	0.04	0.04	0.03	0.03	0.03	0.03
Total Phosphorus (mg/L)	0.06	0.07	0.06	0.05	0.05	0.07
Chlorophyll-a (µg/L)	4.11	3.53	3.84	4.81	4.22	4.48
<i>E. coli</i> (cfu/100 mL)	73	71	48	50	21	72
Faecal Coliforms (cfu/100 mL)	142	137	87	104	46	132