

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2015

	N Lung Kwu Chau		Pak Chau		Sha Chau East	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	25.2		25.2		25.2	
Temperature (°C)	24.30	23.80	24.75	23.81	24.61	24.01
Salinity (‰)	19.60	23.58	19.45	24.75	21.23	26.85
Dissolved Oxygen (mg/L)	6.27	5.38	7.32	6.68	7.27	6.64
pH	8.02	8.03	7.36	6.91	7.34	7.75
Secchi Disc Depth (m)	1.1		1.2		1.3	
Turbidity (NTU)	9.60	6.23	7.30	6.63	4.23	6.49
Suspended Solids (mg/L)	7.64	5.70	5.88	5.39	4.55	4.36
5-Day Biochemical Oxygen Demand (mg/L)	<2	<2	<2	<2	<2	<2
Ammoniacal Nitrogen (mg/L)	0.18	0.18	0.16	0.19	0.15	0.15
Unionized Ammonia (mg/L)	0.01	0.01	0.01	0.02	0.01	0.01
Nitrite Nitrogen (mg/L)	0.19	0.18	0.19	0.18	0.17	0.16
Nitrate Nitrogen (mg/L)	0.92	0.95	0.87	0.93	0.86	0.80
Total Inorganic Nitrogen (mg/L)	1.28	1.31	1.22	1.29	1.16	1.10
Total Kjeldahl Nitrogen (mg/L)	0.86	0.64	0.62	0.39	0.52	0.47
Total Nitrogen (mg/L)	1.98	1.74	1.67	1.52	1.55	1.43
Orthophosphate Phosphorus (mg/L)	0.04	0.04	0.04	0.04	0.04	0.04
Total Phosphorus (mg/L)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlorophyll-a (µg/L)	2.31	2.25	2.83	2.59	2.65	2.01
<i>E. coli</i> (cfu/100 mL)	413	559	480	494	667	296
Faecal Coliforms (cfu/100 mL)	1590	1525	1529	1280	1456	607