

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2008

	N Lung Kwu Chau		Pak Chau	
No. of Sample	4		4	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.20		28.95	
Temperature (°C)	25.41	24.48	25.18	24.27
Salinity (ppt)	23.10	27.90	24.60	28.78
Dissolved Oxygen (mg/L)	6.73	6.54	6.92	6.47
pH	7.97	8.01	8.01	8.03
Secchi Depth (m)	1.75		1.50	
Turbidity (NTU)	4.08	11.83	4.08	17.75
Suspended Solids (mg/L)	3.98	15.40	4.15	21.62
BOD (mg/L)	1.05	1.11	1.25	1.18
Ammoniacal Nitrogen (mg/L)	0.17	0.13	0.13	0.12
Unionized Ammonia (mg/L)	0.027	0.021	0.019	0.020
Nitrite Nitrogen (mg/L)	0.13	0.09	0.09	0.09
Nitrate Nitrogen (mg/L)	0.41	0.36	0.38	0.37
Total Inorganic Nitrogen (mg/L)	0.71	0.58	0.60	0.58
Total Kjeldahl Nitrogen (mg/L)	0.37	0.29	0.28	0.34
Total Nitrogen (mg/L)	0.90	0.74	0.74	0.81
Orthophosphate Phosphorus (mg/L)	0.15	0.11	0.13	0.12
Total Phosphorus (mg/L)	0.52	0.49	0.47	0.52
Chlorophyll-a (µg/L)	2.15	6.20	3.76	5.47
<i>E. coli</i> (CFU/100 mL)	0.00	0.00	0.00	0.00
Faecal Coliforms (CFU/100 mL)	572.50	543.75	281.25	91.25