

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from January to March 2008 (First Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	21.6		24.9	
Temperature (°C)	18.96	18.13	18.7	18.2
Salinity (ppt)	28	29.9	29	30.2
DO (mg/L)	6.92	7.16	7.32	7.59
pH	7.91	8	7.95	8.02
Secchi depth (m)	2		1.5	
Turbidity (NTU)	4.1	15.8	2.7	13.6
Suspended solids (mg/L)	3.72	19.51	2.17	16.53
BOD ₅ (mg/L)	0.6	0.77	0.62	1
Ammoniacal nitrogen (mg/L)	0.37	0.25	0.36	0.19
Unionized ammonia (mg/L)	0.056	0.037	0.054	0.028
Nitrite nitrogen (mg/L)	0.21	0.19	0.16	0.17
Nitrate nitrogen (mg/L)	0.3	0.22	0.27	0.18
TIN (mg/L)	0.88	0.65	0.78	0.54
TKN (mg/L)	0.22	0.22	0.27	0.28
TN (mg/L)	0.73	0.62	0.69	0.63
Orthophosphate phosphorus (mg/L)	0.18	0.21	0.26	0.21
TP (mg/L)	0.97	0.94	0.81	0.88
Chlorophyll-a (µg/L)	1.36	3.41	1.2	3.01
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	960	65	0	0