

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from Jan to Mar 2007 (First Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	25.5		24	
Temperature (°C)	20.03	19.64	20.06	19.72
Salinity (ppt)	29.4	27.42	29.69	30.84
DO (mg/L)	7.37	7.46	7.66	7.26
pH	8.06	7.88	8.13	8.14
Secchi depth (m)	1.5		2.5	
Turbidity (NTU)	5.9	8.9	5.3	7
Suspended solids (mg/L)	6.11	8.85	4.81	7.05
BOD ₅ (mg/L)	0.25	0.19	0.5	0.27
Ammoniacal nitrogen (mg/L)	0.29	0.21	0.27	0.2
Unionized ammonia (mg/L)	0.034	0.038	0.032	0.024
Nitrite nitrogen (mg/L)	0.02	0.01	0.04	0.09
Nitrate nitrogen (mg/L)	0.32	0.37	0.33	0.3
TIN (mg/L)	0.63	0.58	0.63	0.58
TKN (mg/L)	1.11	0.96	1.1	0.97
TN (mg/L)	1.45	1.34	1.47	1.36
Orthophosphate phosphorus (mg/L)	0.07	0.08	0.1	0.07
TP (mg/L)	1.02	0.89	0.97	0.77
Chlorophyll-a (µg/L)	1.76	0.73	2.27	1.09
<i>E. coli</i> (CFU/100 mL)	60	90	75	55
Fecal coliforms (CFU/100 mL)	500	700	110	150