

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from January to March 2006 (First Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	13.1		12.1	
Temperature (°C)	18.65	18.82	18.74	18.8
Salinity (ppt)	28.09	38.69	39.9	39.7
DO (mg/L)	7.59	6.49	7.76	6.49
pH	7.83	7.81	7.83	7.81
Secchi depth (m)	1.3		1.2	
Turbidity (NTU)	12	13.4	8.8	12
Suspended solids (mg/L)	12.21	9.92	10.28	12.87
BOD ₅ (mg/L)	1.7	0.52	1.67	1.53
Ammoniacal nitrogen (mg/L)	0.41	0.45	0.28	0.24
Unionized ammonia (mg/L)	0.09	0.1	0.07	0.06
Nitrite nitrogen (mg/L)	0.1	0.09	0.13	0.14
Nitrate nitrogen (mg/L)	0.24	0.28	0.24	0.23
TIN (mg/L)	0.74	0.82	0.65	0.61
TKN (mg/L)	0.88	0.96	0.81	0.65
TN (mg/L)	1.22	1.33	1.18	1.02
Orthophosphate phosphorus (mg/L)	0.01	0.04	0.04	ND
TP (mg/L)	0.06	0.08	0.06	0.05
Chlorophyll-a (µg/L)	1.7	1.52	2.41	2.03
<i>E. coli</i> (CFU/100 mL)	125	10	145	105
Fecal coliforms (CFU/100 mL)	220	385	910	1230