

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from July to September 2006 (Third Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.2		26.9	
Temperature (°C)	27.55	27.12	27.73	26.96
Salinity (ppt)	29.76	26.77	29.44	23.02
DO (mg/L)	7.42	3.1	7.99	2.7
pH	8.26	8.02	8.2	7.85
Secchi depth (m)	1.1		1	
Turbidity (NTU)	9.8	37.3	5.7	27.3
Suspended solids (mg/L)	9.36	33.44	5.69	38.62
BOD ₅ (mg/L)	1.69	1.72	2.02	1.47
Ammoniacal nitrogen (mg/L)	0.1	0.11	0.08	0.09
Unionized ammonia (mg/L)	0.008	0.017	0.008	0.016
Nitrite nitrogen (mg/L)	0.11	0.1	0.06	0.09
Nitrate nitrogen (mg/L)	0.16	0.29	0.17	0.15
TIN (mg/L)	0.37	0.5	0.31	0.33
TKN (mg/L)	0.55	0.63	0.72	0.62
TN (mg/L)	0.82	1.01	0.95	0.86
Orthophosphate phosphorus (mg/L)	0.05	0.05	0.05	0.03
TP (mg/L)	0.37	0.36	0.35	0.37
Chlorophyll-a (µg/L)	11.71	11.31	11.01	13.57
<i>E. coli</i> (CFU/100 mL)	25	0	0	0
Fecal coliforms (CFU/100 mL)	75	165	5	0