

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from April to June 2008 (Second Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	29.2		28.9	
Temperature (°C)	25.33	24.85	25.1	24.93
Salinity (ppt)	26.8	30	30	31.2
DO (mg/L)	5.53	5.78	6.04	6.06
pH	8.02	8.09	8.14	8.18
Secchi depth (m)	1.5		1.5	
Turbidity (NTU)	5.3	12.4	4.7	18.4
Suspended solids (mg/L)	5.87	12.52	3.66	28.09
BOD ₅ (mg/L)	0.94	1.05	1.24	0.89
Ammoniacal nitrogen (mg/L)	0.18	0.09	0.09	0.08
Unionized ammonia (mg/L)	0.027	0.011	0.011	0.008
Nitrite nitrogen (mg/L)	0.08	0.07	0.06	0.03
Nitrate nitrogen (mg/L)	0.27	0.3	0.25	0.3
TIN (mg/L)	0.52	0.46	0.4	0.41
TKN (mg/L)	0.29	0.09	0.11	0.19
TN (mg/L)	0.64	0.46	0.42	0.53
Orthophosphate phosphorus (mg/L)	0.21	0.13	0.12	0.11
TP (mg/L)	0.68	0.61	0.62	0.65
Chlorophyll-a (µg/L)	0.99	0.96	1.97	1.72
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	1290	945	585	305