

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from July to September 2008 (Third Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	31.8		32.2	
Temperature (°C)	29.67	27.58	29.33	26.63
Salinity (ppt)	12.2	20.7	12	24.4
DO (mg/L)	6.72	5.91	6.83	4.87
pH	7.87	7.84	7.89	7.82
Secchi depth (m)	1.5		1.5	
Turbidity (NTU)	4.5	3.6	4.7	13.8
Suspended solids (mg/L)	2.88	2.44	3.09	11.31
BOD ₅ (mg/L)	1.28	1.21	1.58	1.35
Ammoniacal nitrogen (mg/L)	0.12	0.13	0.03	0.18
Unionized ammonia (mg/L)	0.023	0.032	0.006	0.042
Nitrite nitrogen (mg/L)	0.1	0.06	0.05	0.1
Nitrate nitrogen (mg/L)	0.49	0.59	0.47	0.62
TIN (mg/L)	0.7	0.79	0.55	0.89
TKN (mg/L)	0.84	0.72	0.59	0.73
TN (mg/L)	1.42	1.38	1.11	1.45
Orthophosphate phosphorus (mg/L)	0.17	0.05	0.11	0.12
TP (mg/L)	0.19	0.15	0.19	0.21
Chlorophyll-a (µg/L)	1.67	8.67	1.94	4.87
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	30	95	300	40