

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2008 (Fourth Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	30.2		29.8	
Temperature (°C)	27.67	27.34	27.59	27.31
Salinity (ppt)	25.4	31	27.4	29.3
DO (mg/L)	7.73	7.3	7.49	7.34
pH	8.08	8.12	8.07	8.1
Secchi depth (m)	2		1.5	
Turbidity (NTU)	2.4	15.5	4.2	25.2
Suspended solids (mg/L)	3.45	27.12	7.67	30.56
BOD ₅ (mg/L)	1.38	1.41	1.57	1.47
Ammoniacal nitrogen (mg/L)	0.02	0.03	0.04	0.02
Unionized ammonia (mg/L)	0.002	0.004	0.005	0.003
Nitrite nitrogen (mg/L)	0.11	0.02	0.1	0.05
Nitrate nitrogen (mg/L)	0.59	0.34	0.51	0.39
TIN (mg/L)	0.72	0.4	0.65	0.46
TKN (mg/L)	0.11	0.14	0.15	0.17
TN (mg/L)	0.81	0.51	0.75	0.61
Orthophosphate phosphorus (mg/L)	0.04	0.03	0.03	0.04
TP (mg/L)	0.22	0.26	0.25	0.32
Chlorophyll-a (µg/L)	4.56	11.77	9.92	12.28
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	10	1070	240	20