

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2009 (Forth Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26		24.2	
Temperature (°C)	21.09	20.97	21.4	20.74
Salinity (ppt)	31.83	32.47	30.37	31.23
DO (mg/L)	7.56	7.36	7.27	6.92
pH	8.28	8.26	8.25	8.24
Secchi depth (m)	1		1	
Turbidity (NTU)	4	5.1	4.9	8.1
Suspended solids (mg/L)	5.2	8.2	6.1	12.1
BOD ₅ (mg/L)	1.14	0.74	1.35	0.82
Ammoniacal nitrogen (mg/L)	0.12	0.06	0.1	0.11
Unionized ammonia (mg/L)	0.009	0.005	0.008	0.011
Nitrite nitrogen (mg/L)	0.03	0.02	0.05	0.04
Nitrate nitrogen (mg/L)	0.2	0.18	0.3	0.28
TIN (mg/L)	0.35	0.26	0.45	0.43
TKN (mg/L)	0.21	0.24	0.23	0.24
TN (mg/L)	0.44	0.44	0.58	0.56
Orthophosphate phosphorus (mg/L)	0.08	0.08	0.06	0.08
TP (mg/L)	0.1	0.1	0.08	0.08
Chlorophyll-a (µg/L)	5.79	2.98	5.33	2.57
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Faecal coliforms (CFU/100 mL)	0	13	9	18

ND: Not detectable