

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2007 (Fourth Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23		22.7	
Temperature (°C)	22.89	22.88	22.66	22.65
Salinity (ppt)	32.5	32.4	32.3	32.4
DO (mg/L)	7.07	7.13	7.05	7.16
pH	8.15	8.14	8.14	8.15
Secchi depth (m)	1		0.8	
Turbidity (NTU)	7.4	16.1	14.8	21.3
Suspended solids (mg/L)	6.03	13.67	17.43	27.6
BOD ₅ (mg/L)	1.88	1.88	1.9	1.97
Ammoniacal nitrogen (mg/L)	ND	0.01	0.08	0.01
Unionized ammonia (mg/L)	ND	0.001	0.01	0.001
Nitrite nitrogen (mg/L)	0.02	0.02	0.02	0.02
Nitrate nitrogen (mg/L)	0.3	0.33	0.36	0.3
TIN (mg/L)	0.32	0.36	0.46	0.34
TKN (mg/L)	0.55	0.57	0.47	0.5
TN (mg/L)	0.87	0.92	0.85	0.82
Orthophosphate phosphorus (mg/L)	0.05	0.06	0.05	0.06
TP (mg/L)	0.25	0.22	0.26	0.25
Chlorophyll-a (µg/L)	14.3	12.49	12.12	12.56
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	20	10	20	20

ND: Not detectable