

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2006

	N Lung Kwu Chau		Pak Chau	
No. of Sample	4		4	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.88		22.43	
Temperature (°C)	23.67	23.69	23.90	23.74
Salinity (ppt)	24.08	29.52	28.49	29.84
Dissolved Oxygen (mg/L)	6.08	4.53	5.85	3.94
pH	7.96	7.93	8.00	7.88
Secchi Depth (m)	1.23		1.03	
Turbidity (NTU)	8.55	24.03	7.65	18.53
Suspended Solids (mg/L)	7.54	25.07	7.94	21.73
BOD (mg/L)	1.25	0.88	1.19	1.05
Ammoniacal Nitrogen (mg/L)	0.27	0.38	0.24	0.13
Unionized Ammonia (mg/L)	0.07	0.07	0.06	0.03
Nitrite Nitrogen (mg/L)	0.10	0.11	0.09	0.11
Nitrate Nitrogen (mg/L)	0.20	0.26	0.18	0.18
Total Inorganic Nitrogen (mg/L)	0.56	0.75	0.52	0.41
Total Kjeldahl Nitrogen (mg/L)	0.74	0.83	0.71	0.50
Total Nitrogen (mg/L)	1.03	1.19	0.98	0.78
Orthophosphate Phosphorus (mg/L)	0.13	0.13	0.12	0.10
Total Phosphorus (mg/L)	0.32	0.35	0.35	0.34
Chlorophyll-a (µg/L)	4.71	4.12	4.32	4.66
<i>E. coli</i> (CFU/100 mL)	38.75	27.50	58.75	76.25
Faecal Coliforms (CFU/100 mL)	277.50	421.25	400.00	656.25