

Water quality of the Sha Chau and Lung Kwu Chau Marine Park in Year 2003

	N Lung Kwu Chau		Pak Chau	
No. of sample	4		4	
Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.57		27.35	
Temperature (°C)	25.02	24.46	24.39	24.43
Salinity (ppt)	20.20	25.62	22.37	28.25
Dissolved Oxygen (mg/L)	6.08	6.84	7.25	6.33
pH	7.96	8.00	8.04	8.06
Secchi Depth (m)	0.63		0.68	
Turbidity (NTU)	7.30	32.75	8.48	83.05
Suspended Solids (mg/L)	8.36	39.41	12.51	78.36
BOD (mg/L)	1.04	1.23	1.04	1.11
Ammoniacal Nitrogen (mg/L)	0.142	0.116	0.140	0.143
Unionized Ammonia (mg/L)	0.016	0.013	0.017	0.018
Nitrite Nitrogen (mg/L)	0.089	0.069	0.067	0.070
Nitrate Nitrogen (mg/L)	0.318	0.143	0.174	0.258
Total Inorganic Nitrogen (mg/L)	0.549	0.330	0.383	0.472
Total Kjeldahl Nitrogen (mg/L)	3.674	4.014	4.039	3.949
Total Nitrogen (mg/L)	4.080	4.228	4.281	4.280
Orthophosphate Phosphorus (mg/L)	0.019	0.017	0.017	0.078
Total Phosphorus (mg/L)	2.846	1.287	0.594	1.161
Chlorophyll-a (µg/L)	2.442	1.994	2.430	1.173
<i>E. coli</i> (CFU/100 mL)	121	184	313	184
Faecal Coliforms (CFU/100 mL)	221	348	385	553