

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2007

	N Lung Kwu Chau		Pak Chau	
No. of Sample	4		4	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	27.45		27.50	
Temperature (°C)	24.62	24.16	24.65	23.88
Salinity (ppt)	23.73	25.71	23.92	28.84
Dissolved Oxygen (mg/L)	6.84	6.72	7.12	6.58
pH	7.99	7.98	8.06	8.08
Secchi Depth (m)	1.43		1.75	
Turbidity (NTU)	5.55	10.75	6.35	11.23
Suspended Solids (mg/L)	4.80	10.14	6.90	13.00
BOD (mg/L)	0.91	0.82	1.14	0.98
Ammoniacal Nitrogen (mg/L)	0.13	0.10	0.15	0.10
Unionized Ammonia (mg/L)	0.020	0.017	0.023	0.013
Nitrite Nitrogen (mg/L)	0.03	0.05	0.02	0.03
Nitrate Nitrogen (mg/L)	0.33	0.33	0.33	0.26
Total Inorganic Nitrogen (mg/L)	0.50	0.48	0.50	0.39
Total Kjeldahl Nitrogen (mg/L)	1.17	1.26	1.21	1.21
Total Nitrogen (mg/L)	1.54	1.65	1.56	1.50
Orthophosphate Phosphorus (mg/L)	0.06	0.06	0.07	0.06
Total Phosphorus (mg/L)	0.36	0.32	0.35	0.30
Chlorophyll-a (µg/L)	5.75	5.66	5.70	6.94
<i>E. coli</i> (CFU/100 mL)	15.00	22.50	18.75	13.75
Faecal Coliforms (CFU/100 mL)	641.25	636.25	342.50	496.25