

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2009

	N Lung Kwu Chau		Pak Chau	
No. of Sample	4		4	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.53		28.10	
Temperature (°C)	24.75	24.24	24.80	24.40
Salinity (ppt)	21.22	27.06	21.27	26.50
Dissolved Oxygen (mg/L)	6.40	5.65	6.30	5.97
pH	8.01	7.99	7.99	8.02
Secchi Depth (m)	1.38		1.63	
Turbidity (NTU)	4.68	12.23	4.08	11.98
Suspended Solids (mg/L)	5.16	16.06	3.61	12.94
BOD (mg/L)	1.11	1.09	1.00	0.97
Ammoniacal Nitrogen (mg/L)	0.11	0.13	0.08	0.12
Unionized Ammonia (mg/L)	0.018	0.021	0.010	0.018
Nitrite Nitrogen (mg/L)	0.07	0.05	0.07	0.07
Nitrate Nitrogen (mg/L)	0.38	0.31	0.45	0.36
Total Inorganic Nitrogen (mg/L)	0.55	0.48	0.60	0.54
Total Kjeldahl Nitrogen (mg/L)	0.11	0.12	0.12	0.12
Total Nitrogen (mg/L)	0.55	0.47	0.64	0.55
Orthophosphate Phosphorus (mg/L)	0.05	0.05	0.04	0.03
Total Phosphorus (mg/L)	0.11	0.08	0.08	0.08
Chlorophyll-a (µg/L)	3.24	2.50	2.55	1.92
<i>E. coli</i> (CFU/100 mL)	0.00	0.00	0.00	0.00
Faecal Coliforms (CFU/100 mL)	116.00	225.75	36.25	93.25