

Water quality of Sha Chau and Lung Kwu Chau Marine Park in Year 2010

	N Lung Kwu Chau		Pak Chau	
No. of Sample	4		4	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.65		23.68	
Temperature (°C)	23.87	23.43	23.95	23.22
Salinity (‰)	26.44	29.22	26.31	29.57
Dissolved Oxygen (mg/L)	6.69	6.66	6.84	6.75
pH	7.86	7.86	7.82	7.82
Secchi Disc Depth (m)	1.38		1.28	
Turbidity (NTU)	10.00	56.60	7.75	49.80
Suspended Solids (mg/L)	46.06	68.38	50.41	62.14
5-Day Biochemical Oxygen Demand (mg/L)	1.68	1.79	1.35	1.56
Ammoniacal Nitrogen (mg/L)	0.17	0.19	0.25	0.18
Unionized Ammonia (mg/L)	0.006	0.013	0.006	0.005
Nitrite Nitrogen (mg/L)	0.08	0.07	0.09	0.07
Nitrate Nitrogen (mg/L)	0.22	0.18	0.20	0.13
Total Inorganic Nitrogen (mg/L)	0.47	0.44	0.54	0.38
Total Kjeldahl Nitrogen (mg/L)	0.34	0.25	0.41	0.34
Total Nitrogen (mg/L)	0.64	0.50	0.70	0.54
Orthophosphate Phosphorus (mg/L)	0.03	0.03	0.02	0.03
Total Phosphorus (mg/L)	0.05	0.05	0.06	0.06
Chlorophyll-a (µg/L)	1.63	1.54	2.60	1.47
<i>E. coli</i> (cfu/100 mL)	83.63	123.63	144.25	656.00
Faecal Coliforms (cfu/100 mL)	165.00	279.75	181.50	1643.25