

Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from April to June 2012 (Second Quarter)

	Lung Kwu Chau North		Pak Chau		Sha Chau East	
No. of Sample	1		1		1	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.55		26.55		26.37	
Temperature (°C)	26.32	24.21	26.41	25.11	26.15	24.27
Salinity (‰)	11.11	23.48	9.06	18.44	12.11	22.81
Dissolved Oxygen (mg/L)	7.55	5.96	7.67	6.48	8.12	7.98
pH	8.10	8.01	8.16	8.00	7.26	5.75
Secchi Disc Depth (m)	1.0		1.2		1.5	
Turbidity (NTU)	4.70	14.20	5.20	3.90	3.60	11.40
Suspended Solids (mg/L)	4.40	5.20	6.60	8.00	5.20	6.40
5-Day Biochemical Oxygen Demand	1.20	1.20	2.10	2.10	1.50	1.00
Ammoniacal Nitrogen (mg/L)	0.283	0.236	0.209	0.263	0.255	0.243
Unionized Ammonia (mg/L)	0.021	0.012	0.017	0.014	0.003	<0.001
Nitrite Nitrogen (mg/L)	0.19	0.09	0.18	0.17	0.19	0.08
Nitrate Nitrogen (mg/L)	1.78	1.16	1.80	1.36	1.76	1.13
Total Inorganic Nitrogen (mg/L)	2.25	1.49	2.19	1.79	2.21	1.45
Total Kjeldahl Nitrogen (mg/L)	0.21	0.12	0.23	0.46	0.17	0.06
Total Nitrogen (mg/L)	2.18	1.38	2.21	1.98	2.12	1.26
Orthophosphate Phosphorus (mg/L)	0.026	0.022	0.030	0.023	0.022	0.022
Total Phosphorus (mg/L)	0.02	0.02	0.02	0.02	0.01	0.02
Chlorophyll-a (µg/L)	8.18	0.95	15.39	4.50	7.42	0.81
<i>E. coli</i> (cfu/100 mL)	13	360	<1	14	29	281
Faecal Coliforms (cfu/100 mL)	29	681	<1	14	54	476