

Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from April to June 2011 (Second Quarter)

	Pak Chau		North Lung Kwu Chau		Sha Chau East	
No. of Sample	1		1		1	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	24.95		22.75		25.24	
Temperature (°C)	23.06	22.54	23.10	22.59	23.25	22.56
Salinity (‰)	28.41	31.23	27.34	30.23	27.15	30.69
Dissolved Oxygen (mg/L)	7.79	7.64	7.48	7.92	7.84	7.32
pH	8.13	8.13	8.11	8.11	8.10	8.07
Secchi Disc Depth (m)	0.8		0.8		1.0	
Turbidity (NTU)	9.00	79.20	10.90	26.90	5.40	296.80
Suspended Solids (mg/L)	26.40	34.40	29.20	44.00	21.60	94.00
5-Day Biochemical Oxygen Demand (mg/L)	1.00	1.60	0.80	1.10	1.40	1.80
Ammoniacal Nitrogen (mg/L)	0.16	0.08	0.19	0.17	0.27	0.05
Unionized Ammonia (mg/L)	0.010	0.005	0.011	0.010	0.016	0.003
Nitrite Nitrogen (mg/L)	0.06	0.15	0.08	0.08	0.10	0.03
Nitrate Nitrogen (mg/L)	0.50	0.25	0.62	0.46	0.55	0.19
Total Inorganic Nitrogen (mg/L)	0.73	0.48	0.89	0.71	0.91	0.27
Total Kjeldahl Nitrogen (mg/L)	0.11	0.19	0.15	0.13	0.27	0.10
Total Nitrogen (mg/L)	0.68	0.58	0.85	0.67	0.92	0.31
Orthophosphate Phosphorus (mg/L)	0.02	0.02	0.02	0.02	0.03	0.05
Total Phosphorus (mg/L)	0.02	0.03	0.02	0.06	0.02	0.06
Chlorophyll-a (µg/L)	4.99	2.71	3.83	2.86	7.21	2.63
<i>E. coli</i> (cfu/100 mL)	<1	5	38	59	1	1
Faecal Coliforms (cfu/100 mL)	1	16	59	77	4	2