

Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2011 (Fourth 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)	25.73		25.82		25.21	
Temperature (°C)	26.28	25.87	26.21	25.82	25.97	25.81
Salinity (‰)	27.28	29.81	28.61	30.58	27.96	30.92
Dissolved Oxygen (mg/L)	5.10	4.81	5.09	4.99	5.26	5.17
pH	8.05	7.98	7.99	7.89	7.84	7.68
Secchi Disc Depth (m)	1.7		1.5		2.0	
Turbidity (NTU)	0.90	15.30	3.10	11.70	1.30	16.00
Suspended Solids (mg/L)	5.26	13.10	6.40	15.50	6.52	15.44
5-Day Biochemical Oxygen Demand	1.50	1.70	1.20	1.70	1.20	1.80
Ammoniacal Nitrogen (mg/L)	<0.001	0.004	<0.001	0.005	0.001	<0.001
Unionized Ammonia (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nitrite Nitrogen (mg/L)	0.16	0.10	0.14	0.07	0.14	0.06
Nitrate Nitrogen (mg/L)	0.80	0.63	0.85	0.35	0.72	0.18
Total Inorganic Nitrogen (mg/L)	0.95	0.74	0.99	0.43	0.85	0.23
Total Kjeldahl Nitrogen (mg/L)	0.03	0.06	<0.01	0.18	0.06	0.26
Total Nitrogen (mg/L)	0.99	0.79	0.99	0.61	0.91	0.50
Orthophosphate Phosphorus (mg/L)	0.018	0.037	0.009	0.041	0.015	0.044
Total Phosphorus (mg/L)	0.019	0.026	0.016	0.029	0.017	0.027
Chlorophyll-a (µg/L)	7.39	16.21	10.34	17.31	11.99	16.22
<i>E. coli</i> (cfu/100 mL)	13	45	2	13	2	14
Faecal Coliforms (cfu/100 mL)	59	200	32	95	25	121