

Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2010 (Forth Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	18.11		18.60	
Temperature (°C)	24.97	25.08	25.06	25.07
Salinity (‰)	30.03	30.12	30.31	30.29
Dissolved Oxygen (mg/L)	6.37	6.27	6.37	6.42
pH	8.01	8.00	7.97	7.94
Secchi Disc Depth (m)	0.8		0.6	
Turbidity (NTU)	15.40	32.10	15.90	21.00
Suspended Solids (mg/L)	73.64	69.88	78.08	69.12
5-Day Biochemical Oxygen Demand (mg/L)	2.19	2.35	1.75	1.67
Ammoniacal Nitrogen (mg/L)	0.05	0.10	0.09	0.10
Unionized Ammonia (mg/L)	0.003	0.005	0.004	0.005
Nitrite Nitrogen (mg/L)	0.10	0.08	0.07	0.08
Nitrate Nitrogen (mg/L)	0.04	0.06	0.07	0.07
Total Inorganic Nitrogen (mg/L)	0.19	0.24	0.23	0.25
Total Kjeldahl Nitrogen (mg/L)	0.43	0.41	0.39	0.40
Total Nitrogen (mg/L)	0.57	0.55	0.53	0.55
Orthophosphate Phosphorus (mg/L)	0.00	0.00	0.00	0.00
Total Phosphorus (mg/L)	0.02	0.02	0.05	0.02
Chlorophyll-a (µg/L)	2.20	1.96	2.37	2.31
<i>E. coli</i> (cfu/100 mL)	255	400	518	218
Faecal Coliforms (cfu/100 mL)	309	491	636	691

ND: Not detectable