

**Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from January to March 2011 (First 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)	10.85		11.08		13.26	
Temperature (°C)	15.68	15.50	15.55	15.58	15.70	15.68
Salinity (‰)	32.97	33.23	32.63	32.68	32.94	32.94
Dissolved Oxygen (mg/L)	7.96	8.08	7.94	7.78	8.03	8.02
pH	7.97	7.95	7.98	7.96	7.87	7.79
Secchi Disc Depth (m)	0.7		0.7		0.7	
Turbidity (NTU)	17.30	88.80	15.50	20.50	11.50	35.20
Suspended Solids (mg/L)	60.68	71.24	52.64	63.48	56.44	64.68
5-Day Biochemical Oxygen Demand	1.77	2.01	2.49	2.65	2.2	1.74
Ammoniacal Nitrogen (mg/L)	0.07	0.09	0.09	0.10	0.11	0.09
Unionized Ammonia (mg/L)	0.002	0.002	0.002	0.002	0.002	0.002
Nitrite Nitrogen (mg/L)	0.04	0.05	0.05	0.05	0.05	0.06
Nitrate Nitrogen (mg/L)	0.11	0.15	0.19	0.22	0.09	0.03
Total Inorganic Nitrogen (mg/L)	0.23	0.29	0.28	0.29	0.25	0.18
Total Kjeldahl Nitrogen (mg/L)	0.36	0.24	0.43	0.38	0.42	0.36
Total Nitrogen (mg/L)	0.51	0.44	0.63	0.57	0.57	0.45
Orthophosphate Phosphorus (mg/L)	0.16	0.23	0.13	0.15	0.12	0.23
Total Phosphorus (mg/L)	0.17	0.24	0.13	0.17	0.15	0.23
Chlorophyll-a (µg/L)	2.19	0.20	2.42	1.52	2.72	1.33
<i>E. coli</i> (cfu/100 mL)	330	430	160	340	150	490
Faecal Coliforms (cfu/100 mL)	410	610	120	440	180	620