

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from January to March 2010 (First Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	26.2		26.3	
Temperature (°C)	20.72	20.62	20.96	20.11
Salinity (ppt)	28.34	28.41	27.67	30.03
DO (mg/L)	6.06	6.15	5.87	6.03
pH	7.92	7.92	7.92	7.97
Secchi depth (m)	1.5		2	
Turbidity (NTU)	8.8	35.1	2.4	46.2
Suspended solids (mg/L)	6.7	46.2	4.2	39.6
BOD ₅ (mg/L)	2.18	2.44	2.21	2.23
Ammoniacal nitrogen (mg/L)	0.02	0.18	0.02	0.03
Unionized ammonia (mg/L)	0.004	0.033	0.004	0.004
Nitrite nitrogen (mg/L)	0.08	0.1	0.12	0.08
Nitrate nitrogen (mg/L)	0.28	0.27	0.31	0.21
TIN (mg/L)	0.38	0.55	0.45	0.32
TKN (mg/L)	0.02	0.21	0.04	0.04
TN (mg/L)	0.38	0.58	0.47	0.33
Orthophosphate phosphorus (mg/L)	0.04	0.04	0.03	0.05
TP (mg/L)	0.05	0.05	0.05	0.07
Chlorophyll-a (µg/L)	1.51	1.67	1.48	1.04
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	46	255	23	1876

ND: Not detectable