

Water quality data of Sha Chau & Lung Kwu Chau Marine Park from January to March 2009 (First Quarter)

	Lung Kwu Chau North		Pak Chau	
No. of Sample	1		1	
Depth (m)	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	22.4		20.6	
Temperature (°C)	21	20.94	20.94	20.88
Salinity (ppt)	28.8	30.3	29.7	30.5
DO (mg/L)	5.22	5.1	5.23	5.14
pH	7.88	7.9	7.95	7.97
Secchi depth (m)	1.5		2	
Turbidity (NTU)	5.9	30.6	4.4	25.3
Suspended solids (mg/L)	8.31	41.9	4.22	30.04
BOD ₅ (mg/L)	0.2	0.32	0.24	0.45
Ammoniacal nitrogen (mg/L)	0.25	0.16	0.15	0.13
Unionized ammonia (mg/L)	0.045	0.03	0.023	0.019
Nitrite nitrogen (mg/L)	0.01	ND	ND	0.02
Nitrate nitrogen (mg/L)	0.28	0.17	0.19	0.14
TIN (mg/L)	0.53	0.33	0.35	0.29
TKN (mg/L)	0.03	0.05	0.05	0.02
TN (mg/L)	0.32	0.21	0.25	0.18
Orthophosphate phosphorus (mg/L)	0.01	0.01	0.02	0.01
TP (mg/L)	0.17	0.12	0.12	0.12
Chlorophyll-a (µg/L)	0.72	0.31	0.87	0.46
<i>E. coli</i> (CFU/100 mL)	0	0	0	0
Fecal coliforms (CFU/100 mL)	455	840	140	170

ND: Not detectable