

Water Quality Data of Sha Chau & Lung Kwu Chau Marine Park from October to December 2014 (4th Quarter)

	Lung Kwu Chau North		Pak Chau		Sha Chau East	
Water Depth	Surface	Bottom	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	23.2		23.2		23.2	
Temperature (°C)	23.54	23.61	23.71	23.66	23.73	23.67
Salinity (‰)	32.92	33.05	32.89	32.86	32.91	32.88
Dissolved Oxygen (mg/L)	9.35	9.22	8.98	9.04	8.95	9.01
pH	8.48	8.50	8.50	8.51	8.47	8.50
Secchi Disc Depth (m)	1.4		1.6		1.5	
Turbidity (NTU)	3.90	3.60	2.70	3.45	2.15	3.20
Suspended Solids (mg/L)	5.45	5.70	4.05	8.25	4.85	4.10
5-Day Biochemical Oxygen Demand (mg/L)	<2	2.00	<2	<2	2.55	2.70
Ammoniacal Nitrogen (mg/L)	0.11	0.10	0.12	0.06	0.10	0.10
Unionized Ammonia (mg/L)	0.01	0.01	0.02	0.02	0.01	0.01
Nitrite Nitrogen (mg/L)	0.02	0.02	0.02	0.02	0.01	0.01
Nitrate Nitrogen (mg/L)	0.03	0.03	0.03	0.03	<0.01	<0.01
Total Inorganic Nitrogen (mg/L)	0.15	0.15	0.16	0.13	0.10	0.11
Total Kjeldahl Nitrogen (mg/L)	0.90	0.75	0.75	0.75	0.60	1.00
Total Nitrogen (mg/L)	0.94	0.80	0.80	0.80	0.61	1.10
Orthophosphate Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Phosphorus (mg/L)	0.02	0.05	0.04	0.02	0.02	<0.01
Chlorophyll-a (µg/L)	13.00	11.00	12.00	15.50	12.50	14.50
<i>E. coli</i> (cfu/100 mL)	200	180	145	170	11	195
Faecal Coliforms (cfu/100 mL)	335	315	250	310	16	335