

Water Quality Data of Cape D'Aguilar Marine Reserve from July to September 2012 (Third Quarter)

	Hok Tusi Wan		Telegraph Bay	
No. of Sample	1		1	
Water Depth	Surface	Bottom	Surface	Bottom
Air Temperature (°C)	28.23		27.91	
Temperature (°C)	28.52	24.70	28.52	25.04
Salinity (‰)	19.04	31.56	19.23	30.78
Dissolved Oxygen (mg/L)	9.20	2.92	9.54	3.10
pH	8.43	7.86	8.45	7.88
Secchi Disc Depth (m)	1.4		1.6	
Turbidity (NTU)	1.80	1.70	1.80	11.10
Suspended Solids (mg/L)	5.40	5.80	5.40	3.80
5-Day Biochemical Oxygen Demand	1.60	6.10	2.10	2.00
Ammoniacal Nitrogen (mg/L)	<0.001	<0.001	<0.001	<0.001
Unionized Ammonia (mg/L)	<0.001	<0.001	<0.001	<0.001
Nitrite Nitrogen (mg/L)	0.05	0.020	0.03	0.016
Nitrate Nitrogen (mg/L)	0.26	0.25	0.31	0.08
Total Inorganic Nitrogen (mg/L)	0.05	0.08	0.05	0.10
Total Kjeldahl Nitrogen (mg/L)	0.28	0.20	0.22	0.05
Total Nitrogen (mg/L)	0.59	0.46	0.56	0.15
Orthophosphate Phosphorus (mg/L)	<0.001	<0.001	<0.001	<0.001
Total Phosphorus (mg/L)	<0.01	<0.01	<0.01	<0.01
Chlorophyll-a (µg/L)	20.23	10.24	24.61	8.26
<i>E. coli</i> (cfu/100 mL)	6	<1	<1	<1
Faecal Coliforms (cfu/100 mL)	6	4	14	6