

### Water Quality Data of Cape D'Aguilar Marine Reserve from April to June 2011 (Second Quarter)

|                                        | Hok Tusi Wan |        | Telegraph Bay |        |
|----------------------------------------|--------------|--------|---------------|--------|
| No. of Sample                          | 1            |        | 1             |        |
| Water Depth                            | Surface      | Bottom | Surface       | Bottom |
| Air Temperature (°C)                   | 21.52        |        | 21.30         |        |
| Temperature (°C)                       | 21.11        | 20.92  | 21.20         | 20.93  |
| Salinity (‰)                           | 34.53        | 34.57  | 34.53         | 34.55  |
| Dissolved Oxygen (mg/L)                | 8.13         | 7.97   | 7.98          | 7.96   |
| pH                                     | 7.89         | 7.72   | 8.09          | 8.06   |
| Secchi Disc Depth (m)                  | 3.1          |        | 2.9           |        |
| Turbidity (NTU)                        | 1.10         | 5.80   | 0.90          | 3.90   |
| Suspended Solids (mg/L)                | 15.20        | 36.40  | 15.20         | 15.20  |
| 5-Day Biochemical Oxygen Demand (mg/L) | 0.20         | 2.20   | 0.00          | 0.30   |
| Ammoniacal Nitrogen (mg/L)             | <0.01        | <0.01  | <0.01         | <0.01  |
| Unionized Ammonia (mg/L)               | <0.01        | <0.01  | <0.01         | <0.01  |
| Nitrite Nitrogen (mg/L)                | <0.01        | <0.01  | <0.01         | <0.01  |
| Nitrate Nitrogen (mg/L)                | <0.01        | 0.020  | <0.01         | <0.01  |
| Total Inorganic Nitrogen (mg/L)        | <0.01        | 0.020  | <0.01         | <0.01  |
| Total Kjeldahl Nitrogen (mg/L)         | 0.12         | 0.03   | 0.09          | 0.09   |
| Total Nitrogen (mg/L)                  | 0.12         | 0.08   | 0.09          | 0.09   |
| Orthophosphate Phosphorus (mg/L)       | 0.02         | 0.01   | <0.001        | <0.001 |
| Total Phosphorus (mg/L)                | 0.01         | 0.02   | 0.01          | 0.01   |
| Chlorophyll-a (µg/L)                   | 1.34         | 2.63   | 1.93          | 2.15   |
| <i>E. coli</i> (cfu/100 mL)            | <1           | <1     | <1            | <1     |
| Faecal Coliforms (cfu/100 mL)          | <1           | <1     | <1            | <1     |