

### Water quality data of Cape d'Aguilar Marine Reserve from April to June 2008 (Second Quarter)

|                                  | Hok Tusi Wan |        | Telegraph Bay |        |
|----------------------------------|--------------|--------|---------------|--------|
| No. of Sample                    | 1            |        | 1             |        |
| Depth (m)                        | Surface      | Bottom | Surface       | Bottom |
| Air Temperature (°C)             | 30.5         |        | 30.8          |        |
| Temperature (°C)                 | 25.99        | 25.55  | 26.66         | 25.58  |
| Salinity (ppt)                   | 31.8         | 32.6   | 31.6          | 32.5   |
| DO (mg/L)                        | 5.55         | 5.18   | 5.78          | 5.35   |
| pH                               | 8.24         | 8.19   | 8.24          | 8.17   |
| Secchi depth (m)                 | 6            |        | 5.5           |        |
| Turbidity (NTU)                  | 1.3          | 2.6    | 0.8           | 3.3    |
| Suspended solids (mg/L)          | 0.81         | 3.33   | 0.69          | 2.66   |
| BOD <sub>5</sub> (mg/L)          | 0.92         | 0.78   | 0.87          | 0.77   |
| Ammoniacal nitrogen (mg/L)       | 0.05         | 0.04   | 0.03          | 0.04   |
| Unionized ammonia (mg/L)         | 0.005        | 0.004  | 0.003         | 0.004  |
| Nitrite nitrogen (mg/L)          | 0.04         | 0.02   | 0.03          | 0.04   |
| Nitrate nitrogen (mg/L)          | 0.06         | 0.04   | 0.04          | 0.04   |
| TIN (mg/L)                       | 0.15         | 0.1    | 0.09          | 0.11   |
| TKN (mg/L)                       | 0.09         | 0.08   | 0.11          | 0.24   |
| TN (mg/L)                        | 0.18         | 0.15   | 0.18          | 0.31   |
| Orthophosphate phosphorus (mg/L) | 0.07         | 0.07   | 0.07          | 0.07   |
| TP (mg/L)                        | 0.48         | 0.53   | 0.57          | 0.53   |
| Chlorophyll-a (µg/L)             | 0.69         | 0.78   | 0.45          | 0.7    |
| <i>E. coli</i> (CFU/100 mL)      | 0            | 0      | 0             | 0      |
| Fecal coliforms (CFU/100 mL)     | 15           | 0      | 0             | 0      |