| 6/11/2009 | Water | Sampling | Temp (°C) | | Salinity (ppt) | | DO (mg/L) | | pH | | Turbidity (NTU) | | SS (mg/L) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Marine Station | depth (m) | depth (m) | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood |
| M_RO1 | 5.8 | surface | 24.7 | 26.0 | 24.3 | 26.8 | 6.5 | 6.3 | 8.1 | 8.4 | 1.7 | 2.0 | 3.0 | 2.0 |
| | | bottom | 24.7 | 26.1 | 24.4 | 27.0 | 6.5 | 6.2 | 8.1 | 8.3 | 2.3 | 1.5 | 3.0 | <2 |
| M_RO2 | 8.6 | surface | 25.1 | 26.2 | 25.2 | 27.6 | 6.6 | 6.2 | 8.1 | 8.4 | 1.3 | 1.7 | 3.0 | 2.0 |
| | | middle | 25.1 | 26.2 | 25.2 | 27.6 | 5.9 | 6.3 | 8.2 | 8.4 | 1.6 | 1.4 | 3.0 | 3.0 |
| | | bottom | 25.1 | 26.2 | 25.2 | 27.6 | 6.3 | 6.3 | 8.2 | 8.3 | 1.8 | 2.1 | 4.0 | 2.0 |
| KLW | 12.9 | surface | 24.9 | 26.2 | 26.2 | 26.9 | 6.4 | 6.1 | 8.1 | 8.4 | 1.8 | 1.4 | 3.0 | <2 |
| | | middle | 26.3 | 24.8 | 27.0 | 26.2 | 6.2 | 6.3 | 8.4 | 8.2 | 1.8 | 1.4 | 5.0 | <2 |
| | | bottom | 24.7 | 24.7 | 24.3 | 24.3 | 6.5 | 6.5 | 8.1 | 8.1 | 1.6 | 1.6 | 5.0 | 3.0 |
| M_A | 8.4 | surface | 24.8 | 25.2 | 22.1 | 24.2 | 6.4 | 6.2 | 8.2 | 8.4 | 1.9 | 2.2 | 4.0 | 3.0 |
| | | middle | 24.8 | 25.3 | 22.1 | 24.3 | 6.3 | 6.2 | 8.0 | 8.3 | 1.5 | 1.8 | 3.0 | 3.0 |
| | | bottom | 24.8 | 25.3 | 22.1 | 24.3 | 6.2 | 6.3 | 8.1 | 8.4 | 1.5 | 1.4 | 4.0 | 2.0 |
| M_Marsh | 8.1 | surface | 24.9 | 25.8 | 22.5 | 24.8 | 6.5 | 6.4 | 8.1 | 8.4 | 1.3 | 1.6 | 3.0 | 3.0 |
| | | middle | 25.0 | 25.7 | 22.5 | 24.8 | 6.3 | 6.2 | 8.1 | 8.4 | 1.8 | 1.8 | 3.0 | 2.0 |
| | | bottom | 25.0 | 25.7 | 22.5 | 24.8 | 6.1 | 5.9 | 8.1 | 8.4 | 2.1 | 1.9 | 3.0 | 2.0 |
| TTC | 9.8 | surface | 24.8 | 25.2 | 26.7 | 28.9 | 6.7 | 5.9 | 8.1 | 8.4 | 1.5 | 1.4 | 4.0 | 3.0 |
| | | middle | 24.8 | 25.2 | 26.7 | 28.9 | 6.5 | 6.4 | 8.1 | 8.4 | 1.8 | 1.7 | 3.0 | 3.0 |
| | | bottom | 24.8 | 25.2 | 26.8 | 28.9 | 6.3 | 6.4 | 8.1 | 8.4 | 1.3 | 1.7 | 4.0 | 3.0 |
| M_Coral | 8.6 | surface | 25.7 | 26.7 | 26.3 | 27.9 | 6.4 | 6.3 | 8.1 | 8.4 | 1.4 | 1.9 | <2 | 3.0 |
| | | middle | 25.8 | 26.7 | 26.3 | 27.9 | 6.3 | 6.4 | 8.0 | 8.4 | 1.1 | 1.9 | 3.0 | <2 |
| | | bottom | 25.7 | 26.7 | 26.4 | 28.0 | 6.2 | 6.3 | 8.1 | 8.4 | 1.8 | 1.9 | 2.0 | 3.0 |
| M_B | 16.8 | surface | 24.8 | 25.3 | 27.2 | 26.8 | 6.5 | 6.3 | 8.1 | 8.4 | 1.6 | 1.8 | 4.0 | 3.0 |
| | | middle | 24.7 | 25.1 | 27.2 | 26.8 | 6.4 | 6.4 | 8.1 | 8.4 | 1.6 | 1.4 | 3.0 | 2.0 |
| | | bottom | 24.6 | 25.0 | 27.2 | 26.7 | 6.3 | 6.4 | 8.1 | 8.4 | 1.3 | 1.6 | 3.0 | 2.0 |
| KS | 11.9 | surface | 25.0 | 26.7 | 24.6 | 25.9 | 6.3 | 6.3 | 8.1 | 8.4 | 1.6 | 1.0 | 3.0 | 2.0 |
| | | middle | 25.0 | 26.7 | 24.6 | 25.9 | 6.4 | 6.4 | 8.2 | 8.4 | 1.9 | 1.9 | 2.0 | 4.0 |
| | | bottom | 25.0 | 26.6 | 24.6 | 25.8 | 6.3 | 6.2 | 8.1 | 8.4 | 1.1 | 1.8 | 3.0 | 2.0 |

| Fresh water station | Conductivity | Temp (°C) | Salinity (ppt) | DO (mg/L) | pH | Turbidity (NTU) | Suspended solid (mg/L) |
|---|---|---|---|---|---|---|---|
| F_Filter | - | 25.8 | <0.1 | 7.2 | 6.9 | 1.5 | 2.0 |
| Lake 1D | 489 | 25.8 | 0.2 | 6.8 | 7.0 | 2.8 | 3.0 |
| FD_A | - | 25.4 | <0.1 | 8.3 | 7.3 | 2.0 | 2.0 |
| FD_B | - | 26.1 | <0.1 | 8.5 | 7.3 | 1.5 | 2.0 |
| FD_C | - | 26.5 | <0.1 | 8.3 | 7.3 | 2.6 | 2.0 |
| F_Inland_M | - | 25.8 | <0.1 | 8.2 | 7.2 | 2.5 | 3.0 |

| 6/11/2009 | Water depth (m) | Sampling depth (m) | Suspended solid (mg/L) | | $NH_3$-N (mg/L) | | $NO_3$-N (mg/L) | | $NO_2$-N (mg/L) | | TIN (mg/L) | | Ortho P (mg/L) | | Chlorophyll a (ug/L) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Marine Station | | | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood | mid-ebb | mid-flood |
| M_RO1 | 5.8 | surface | 3.0 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 3.0 | <2 | - | - | - | - | - | - | - | - | - | - | - | - |
| KLW | 12.9 | surface | 3.0 | <2 | - | - | - | - | - | - | - | - | - | - | - | - |
| | | middle | 5.0 | <2 | - | - | - | - | - | - | - | - | - | - | - | - |
| | | bottom | 5.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - |
| M_A | 8.4 | surface | 4.0 | 3.0 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 0.04 | <0.01 | <0.01 | 1.7 | 1.8 |
| | | middle | 3.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.7 | 1.7 |
| | | bottom | 4.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.7 | 1.6 |
| M_Marsh | 8.1 | surface | 3.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.5 | 1.9 |
| | | middle | 3.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.5 | 1.7 |
| | | bottom | 3.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 2.0 | 1.9 |
| TTC | 9.8 | surface | 4.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.8 | 1.7 |
| | | middle | 3.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.9 | 1.8 |
| | | bottom | 4.0 | 3.0 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.6 | 1.7 |
| M_Coral | 8.6 | surface | <2 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.8 | 1.8 |
| | | middle | 3.0 | <2 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.8 | 1.9 |
| | | bottom | 2.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.8 | 1.8 |
| M_B | 16.8 | surface | 4.0 | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.8 | 1.8 |
| | | middle | 3.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.7 | 1.6 |
| | | bottom | 3.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.9 | 1.6 |
| KS | 11.9 | surface | 3.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.8 | 1.7 |
| | | middle | 2.0 | 4.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 2.1 | 1.7 |
| | | bottom | 3.0 | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 1.7 | 1.4 |

| Fresh water station | TKN | TP | Suspended solid (mg/L) | NH3-N (mg/L) | NO3-N (mg/L) | NO2-N (mg/L) | TIN (mg/L) | Ortho P (mg/L) | Chlorophyll a (ug/L) |
|---|---|---|---|---|---|---|---|---|---|
| F_Filter | - | - | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.5 |
| Lake 1D | 0.3 | 0.30 | 3.0 | 0.05 | 0.06 | 0.06 | 0.17 | 0.30 | 1.9 |
| FD_A | - | - | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.5 |
| FD_B | - | - | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.5 |
| FD_C | - | - | 2.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.5 |
| F_Inland_M | - | - | 3.0 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.5 |