

| Station | Date     | Time  | Weather | Sea Condition | Tide      | Ambient Temp | Samp No. | Depth m | Temp  | Salinity PPT | DO mg/l | DOS % | Turbidity NTU | pH Unit | SS mg/l |
|---------|----------|-------|---------|---------------|-----------|--------------|----------|---------|-------|--------------|---------|-------|---------------|---------|---------|
| M01A    | 2-Mar-11 | 10:54 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 7.00    | 16.20 | 30.10        | 5.74    | 71.70 | 2.80          | 7.86    | 7.20    |
| M01A    | 2-Mar-11 | 10:54 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 7.00    | 16.20 | 30.10        | 5.76    | 71.90 | 2.73          | 7.88    | 7.10    |
| M01A    | 2-Mar-11 | 10:54 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 7.00    | 16.20 | 30.10        | 5.75    | 71.80 | 2.77          | 7.87    | 7.15    |
| M04B    | 2-Mar-11 | 11:32 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 1        | 7.90    | 16.00 | 30.20        | 6.33    | 78.40 | 3.35          | 7.92    | 5.10    |
| M04B    | 2-Mar-11 | 11:32 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 2        | 7.90    | 16.00 | 30.20        | 6.35    | 78.70 | 3.63          | 7.94    | 5.30    |
| M04B    | 2-Mar-11 | 11:32 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | A        | 7.90    | 16.00 | 30.20        | 6.34    | 78.55 | 3.49          | 7.93    | 5.20    |
| Cul F   | 2-Mar-11 | 11:19 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 1        | 1.20    | 16.40 | 29.90        | 6.21    | 77.80 | 9.92          | 7.90    | 15.20   |
| Cul F   | 2-Mar-11 | 11:19 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 2        | 1.20    | 16.40 | 29.90        | 6.22    | 77.90 | 9.63          | 7.91    | 15.50   |
| Cul F   | 2-Mar-11 | 11:19 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | A        | 1.20    | 16.40 | 29.90        | 6.22    | 77.85 | 9.78          | 7.91    | 15.35   |
| Cul F   | 2-Mar-11 | 11:19 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | DA       | 0.00    | 16.40 | 29.90        | 6.22    | 77.85 | 9.78          | 7.91    | 15.35   |
| M01A    | 2-Mar-11 | 16:54 | FINE    | NORMAL        | MID-FLOOD | 20.0         | 1        | 7.00    | 16.60 | 29.90        | 5.70    | 71.20 | 3.35          | 7.93    | 6.40    |
| M01A    | 2-Mar-11 | 16:54 | FINE    | NORMAL        | MID-FLOOD | 20.0         | 2        | 7.00    | 16.60 | 30.00        | 5.68    | 71.10 | 3.43          | 7.94    | 6.50    |
| M01A    | 2-Mar-11 | 16:54 | FINE    | NORMAL        | MID-FLOOD | 20.0         | A        | 7.00    | 16.60 | 29.95        | 5.69    | 71.15 | 3.39          | 7.94    | 6.45    |
| M04B    | 2-Mar-11 | 16:24 | FINE    | NORMAL        | MID-FLOOD | 20.0         | 1        | 7.90    | 16.60 | 30.00        | 5.72    | 71.70 | 3.94          | 7.93    | 7.20    |
| M04B    | 2-Mar-11 | 16:24 | FINE    | NORMAL        | MID-FLOOD | 20.0         | 2        | 7.90    | 16.60 | 30.00        | 5.85    | 73.30 | 4.10          | 7.93    | 7.40    |
| M04B    | 2-Mar-11 | 16:24 | FINE    | NORMAL        | MID-FLOOD | 20.0         | A        | 7.90    | 16.60 | 30.00        | 5.79    | 72.50 | 4.02          | 7.93    | 7.30    |
| Cul F   | 2-Mar-11 | 16:11 | FINE    | NORMAL        | MID-FLOOD | 21.0         | 1        | 1.20    | 17.00 | 29.80        | 6.07    | 77.00 | 11.30         | 7.83    | 17.50   |
| Cul F   | 2-Mar-11 | 16:11 | FINE    | NORMAL        | MID-FLOOD | 21.0         | 2        | 1.20    | 16.90 | 29.80        | 6.14    | 77.70 | 11.00         | 7.85    | 17.20   |
| Cul F   | 2-Mar-11 | 16:11 | FINE    | NORMAL        | MID-FLOOD | 21.0         | A        | 1.20    | 16.95 | 29.80        | 6.11    | 77.35 | 11.15         | 7.84    | 17.35   |
| Cul F   | 2-Mar-11 | 16:11 | FINE    | NORMAL        | MID-FLOOD | 21.0         | DA       | 0.00    | 16.95 | 29.80        | 6.11    | 77.35 | 11.15         | 7.84    | 17.35   |
| M01A    | 4-Mar-11 | 11:35 | SUNNY   | NORMAL        | MID-EBB   | 18.0         | 1        | 7.00    | 16.30 | 30.10        | 5.58    | 69.40 | 3.02          | 7.88    | 6.90    |
| M01A    | 4-Mar-11 | 11:35 | SUNNY   | NORMAL        | MID-EBB   | 18.0         | 2        | 7.00    | 16.40 | 30.10        | 5.60    | 69.50 | 3.19          | 7.90    | 7.60    |
| M01A    | 4-Mar-11 | 11:35 | SUNNY   | NORMAL        | MID-EBB   | 18.0         | A        | 7.00    | 16.35 | 30.10        | 5.59    | 69.45 | 3.11          | 7.89    | 7.25    |
| M04B    | 4-Mar-11 | 12:06 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | 1        | 7.90    | 16.20 | 30.10        | 6.16    | 75.90 | 2.77          | 7.96    | 5.50    |
| M04B    | 4-Mar-11 | 12:06 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | 2        | 7.90    | 16.20 | 30.10        | 6.26    | 77.30 | 2.90          | 7.96    | 5.80    |
| M04B    | 4-Mar-11 | 12:06 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | A        | 7.90    | 16.20 | 30.10        | 6.21    | 76.60 | 2.84          | 7.96    | 5.65    |
| Cul F   | 4-Mar-11 | 11:53 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | 1        | 1.20    | 16.50 | 30.00        | 6.50    | 81.00 | 3.30          | 7.95    | 7.00    |
| Cul F   | 4-Mar-11 | 11:53 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | 2        | 1.20    | 16.50 | 30.00        | 6.55    | 81.30 | 3.56          | 7.96    | 6.70    |
| Cul F   | 4-Mar-11 | 11:53 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | A        | 1.20    | 16.50 | 30.00        | 6.53    | 81.15 | 3.43          | 7.96    | 6.85    |
| Cul F   | 4-Mar-11 | 11:53 | SUNNY   | NORMAL        | MID-EBB   | 19.0         | DA       | 0.00    | 16.50 | 30.00        | 6.53    | 81.15 | 3.43          | 7.96    | 6.85    |
| M01A    | 4-Mar-11 | 16:21 | FINE    | NORMAL        | MID-FLOOD | 19.0         | 1        | 7.00    | 16.80 | 29.90        | 5.49    | 68.70 | 3.69          | 7.86    | 8.80    |
| M01A    | 4-Mar-11 | 16:21 | FINE    | NORMAL        | MID-FLOOD | 19.0         | 2        | 7.00    | 16.80 | 29.90        | 5.52    | 69.10 | 3.76          | 7.89    | 9.00    |
| M01A    | 4-Mar-11 | 16:21 | FINE    | NORMAL        | MID-FLOOD | 19.0         | A        | 7.00    | 16.80 | 29.90        | 5.51    | 68.90 | 3.73          | 7.88    | 8.90    |
| M04B    | 4-Mar-11 | 17:02 | FINE    | NORMAL        | MID-FLOOD | 17.0         | 1        | 7.90    | 16.70 | 29.90        | 5.99    | 74.40 | 4.49          | 7.86    | 7.60    |
| M04B    | 4-Mar-11 | 17:02 | FINE    | NORMAL        | MID-FLOOD | 17.0         | 2        | 7.90    | 16.70 | 30.00        | 5.94    | 74.10 | 4.68          | 7.85    | 7.90    |
| M04B    | 4-Mar-11 | 17:02 | FINE    | NORMAL        | MID-FLOOD | 17.0         | A        | 7.90    | 16.70 | 29.95        | 5.97    | 74.25 | 4.59          | 7.86    | 7.75    |
| Cul F   | 4-Mar-11 | 16:45 | FINE    | NORMAL        | MID-FLOOD | 18.0         | 1        | 1.10    | 17.00 | 29.90        | 5.95    | 74.60 | 5.66          | 7.91    | 9.10    |
| Cul F   | 4-Mar-11 | 16:45 | FINE    | NORMAL        | MID-FLOOD | 18.0         | 2        | 1.10    | 17.00 | 29.90        | 5.98    | 74.80 | 5.43          | 7.93    | 9.30    |
| Cul F   | 4-Mar-11 | 16:45 | FINE    | NORMAL        | MID-FLOOD | 18.0         | A        | 1.10    | 17.00 | 29.90        | 5.97    | 74.70 | 5.55          | 7.92    | 9.20    |
| Cul F   | 4-Mar-11 | 16:45 | FINE    | NORMAL        | MID-FLOOD | 18.0         | DA       | 0.00    | 17.00 | 29.90        | 5.97    | 74.70 | 5.55          | 7.92    | 9.20    |
| M01A    | 7-Mar-11 | 14:51 | SUNNY   | NORMAL        | MID-EBB   | 23.0         | 1        | 7.00    | 16.90 | 30.00        | 6.36    | 80.10 | 3.06          | 7.90    | 6.10    |
| M01A    | 7-Mar-11 | 14:51 | SUNNY   | NORMAL        | MID-EBB   | 23.0         | 2        | 7.00    | 17.00 | 30.00        | 6.27    | 78.90 | 3.02          | 7.93    | 5.90    |
| M01A    | 7-Mar-11 | 14:51 | SUNNY   | NORMAL        | MID-EBB   | 23.0         | A        | 7.00    | 16.95 | 30.00        | 6.32    | 79.50 | 3.04          | 7.92    | 6.00    |
| M04B    | 7-Mar-11 | 14:08 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | 1        | 7.90    | 17.00 | 29.80        | 6.22    | 78.30 | 3.19          | 7.92    | 6.50    |
| M04B    | 7-Mar-11 | 14:08 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | 2        | 7.90    | 17.00 | 29.90        | 6.19    | 78.10 | 3.34          | 7.91    | 6.20    |
| M04B    | 7-Mar-11 | 14:08 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | A        | 7.90    | 17.00 | 29.85        | 6.21    | 78.20 | 3.27          | 7.92    | 6.35    |
| Cul F   | 7-Mar-11 | 14:23 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | 1        | 1.10    | 17.30 | 29.80        | 6.75    | 85.10 | 6.96          | 7.96    | 12.10   |
| Cul F   | 7-Mar-11 | 14:23 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | 2        | 1.10    | 17.30 | 29.70        | 6.79    | 85.90 | 6.28          | 7.95    | 11.40   |
| Cul F   | 7-Mar-11 | 14:23 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | A        | 1.10    | 17.30 | 29.75        | 6.77    | 85.50 | 6.62          | 7.96    | 11.75   |
| Cul F   | 7-Mar-11 | 14:23 | SUNNY   | NORMAL        | MID-EBB   | 22.0         | DA       | 0.00    | 17.30 | 29.75        | 6.77    | 85.50 | 6.62          | 7.96    | 11.75   |
| M01A    | 7-Mar-11 | 08:07 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 1        | 7.00    | 16.70 | 29.80        | 6.32    | 78.70 | 4.66          | 7.83    | 7.60    |
| M01A    | 7-Mar-11 | 08:07 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 2        | 7.00    | 16.70 | 29.90        | 6.31    | 78.50 | 3.93          | 7.84    | 7.50    |
| M01A    | 7-Mar-11 | 08:07 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | A        | 7.00    | 16.70 | 29.85        | 6.32    | 78.60 | 4.30          | 7.84    | 7.55    |
| M04B    | 7-Mar-11 | 08:43 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 1        | 7.90    | 16.70 | 29.90        | 5.96    | 74.30 | 4.20          | 7.89    | 6.40    |
| M04B    | 7-Mar-11 | 08:43 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 2        | 7.90    | 16.70 | 29.90        | 6.03    | 75.00 | 3.81          | 7.89    | 6.70    |
| M04B    | 7-Mar-11 | 08:43 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | A        | 7.90    | 16.70 | 29.90        | 6.00    | 74.65 | 4.01          | 7.89    | 6.55    |
| Cul F   | 7-Mar-11 | 08:29 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 1        | 1.30    | 16.70 | 29.80        | 6.25    | 77.90 | 4.81          | 7.89    | 8.50    |
| Cul F   | 7-Mar-11 | 08:29 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 2        | 1.30    | 16.80 | 29.80        | 6.28    | 78.20 | 4.69          | 7.91    | 8.20    |
| Cul F   | 7-Mar-11 | 08:29 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | A        | 1.30    | 16.75 | 29.80        | 6.27    | 78.05 | 4.75          | 7.90    | 8.35    |
| Cul F   | 7-Mar-11 | 08:29 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | DA       | 0.00    | 16.75 | 29.80        | 6.27    | 78.05 | 4.75          | 7.90    | 8.35    |
| M01A    | 9-Mar-11 | 15:23 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 7.00    | 16.60 | 30.20        | 6.10    | 75.10 | 3.57          | 7.93    | 7.90    |
| M01A    | 9-Mar-11 | 15:23 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 7.00    | 16.60 | 30.20        | 5.98    | 74.10 | 3.99          | 7.92    | 7.60    |
| M01A    | 9-Mar-11 | 15:23 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 7.00    | 16.60 | 30.20        | 6.04    | 74.60 | 3.78          | 7.93    | 7.75    |
| M04B    | 9-Mar-11 | 14:54 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 7.90    | 16.60 | 30.30        | 6.04    | 74.50 | 3.16          | 7.94    | 7.20    |
| M04B    | 9-Mar-11 | 14:54 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 7.90    | 16.60 | 30.30        | 6.06    | 74.70 | 3.62          | 7.94    | 7.00    |
| M04B    | 9-Mar-11 | 14:54 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 7.90    | 16.60 | 30.30        | 6.05    | 74.60 | 3.39          | 7.94    | 7.10    |
| Cul F   | 9-Mar-11 | 14:40 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 1.20    | 16.80 | 30.20        | 6.44    | 79.90 | 4.48          | 7.92    | 9.10    |
| Cul F   | 9-Mar-11 | 14:40 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 1.20    | 16.80 | 30.10        | 6.43    | 79.60 | 5.15          | 7.96    | 8.80    |
| Cul F   | 9-Mar-11 | 14:40 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 1.20    | 16.80 | 30.15        | 6.44    | 79.75 | 4.82          | 7.94    | 8.95    |
| Cul F   | 9-Mar-11 | 14:40 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | DA       | 0.00    | 16.80 | 30.15        | 6.44    | 79.75 | 4.82          | 7.94    | 8.95    |
| M01A    | 9-Mar-11 | 08:19 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 1        | 7.00    | 16.60 | 30.10        | 5.86    | 72.40 | 3.42          | 7.86    | 7.20    |
| M01A    | 9-Mar-11 | 08:19 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 2        | 7.00    | 16.60 | 30.10        | 5.83    | 72.00 | 3.22          | 7.87    | 7.30    |
| M01A    | 9-Mar-11 | 08:19 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | A        | 7.00    | 16.60 | 30.10        | 5.85    | 72.20 | 3.32          | 7.87    | 7.25    |
| M04B    | 9-Mar-11 | 08:56 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 1        | 7.90    | 16.60 | 30.20        | 5.64    | 69.60 | 3.52          | 7.89    | 7.50    |
| M04B    | 9-Mar-11 | 08:56 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 2        | 7.90    | 16.60 | 30.20        | 5.69    | 70.10 | 3.13          | 7.90    | 7.50    |
| M04B    | 9-Mar-11 | 08:56 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | A        | 7.90    | 16.60 | 30.20        | 5.67    | 69.85 | 3.33          | 7.90    | 7.50    |
| Cul F   | 9-Mar-11 | 08:40 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 1        | 1.30    | 16.60 | 30.10        | 5.88    | 72.70 | 4.60          | 7.93    | 7.80    |

| Station | Date      | Time  | Weather | Sea Condition | Tide      | Ambient Temp | Samp No. | Depth m | Temp  | Salinity PPT | DO mg/l | DOS % | Turbidity NTU | pH Unit | SS mg/l |
|---------|-----------|-------|---------|---------------|-----------|--------------|----------|---------|-------|--------------|---------|-------|---------------|---------|---------|
| Cul F   | 9-Mar-11  | 08:40 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 2        | 1.30    | 16.60 | 30.10        | 5.93    | 73.10 | 5.16          | 7.93    | 8.00    |
| Cul F   | 9-Mar-11  | 08:40 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | A        | 1.30    | 16.60 | 30.10        | 5.91    | 72.90 | 4.88          | 7.93    | 7.90    |
| Cul F   | 9-Mar-11  | 08:40 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | DA       | 0.00    | 16.60 | 30.10        | 5.91    | 72.90 | 4.88          | 7.93    | 7.90    |
| M01A    | 11-Mar-11 | 09:06 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 7.00    | 16.60 | 30.30        | 5.48    | 67.90 | 3.66          | 7.83    | 6.30    |
| M01A    | 11-Mar-11 | 09:06 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 7.00    | 16.60 | 30.30        | 5.50    | 68.20 | 3.82          | 7.86    | 6.20    |
| M01A    | 11-Mar-11 | 09:06 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 7.00    | 16.60 | 30.30        | 5.49    | 68.05 | 3.74          | 7.85    | 6.25    |
| M04B    | 11-Mar-11 | 09:46 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 7.90    | 16.60 | 30.40        | 5.69    | 70.70 | 3.71          | 7.93    | 7.10    |
| M04B    | 11-Mar-11 | 09:46 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 7.90    | 16.60 | 30.40        | 5.74    | 71.40 | 3.04          | 7.92    | 6.90    |
| M04B    | 11-Mar-11 | 09:46 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 7.90    | 16.60 | 30.40        | 5.72    | 71.05 | 3.38          | 7.93    | 7.00    |
| Cul F   | 11-Mar-11 | 09:31 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 1.40    | 16.70 | 30.10        | 6.32    | 78.60 | 5.12          | 7.93    | 9.40    |
| Cul F   | 11-Mar-11 | 09:31 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 1.40    | 16.70 | 30.10        | 6.29    | 78.30 | 5.06          | 7.93    | 9.60    |
| Cul F   | 11-Mar-11 | 09:31 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 1.40    | 16.70 | 30.10        | 6.31    | 78.45 | 5.09          | 7.93    | 9.50    |
| Cul F   | 11-Mar-11 | 09:31 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | DA       | 0.00    | 16.70 | 30.10        | 6.31    | 78.45 | 5.09          | 7.93    | 9.50    |
| M01A    | 11-Mar-11 | 13:16 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 1        | 7.00    | 16.70 | 30.40        | 5.40    | 66.80 | 2.64          | 7.92    | 7.00    |
| M01A    | 11-Mar-11 | 13:16 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 2        | 7.00    | 16.70 | 30.30        | 5.44    | 67.30 | 2.87          | 7.92    | 6.90    |
| M01A    | 11-Mar-11 | 13:16 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | A        | 7.00    | 16.70 | 30.35        | 5.42    | 67.05 | 2.76          | 7.92    | 6.95    |
| M04B    | 11-Mar-11 | 12:37 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 1        | 7.90    | 16.70 | 30.50        | 5.71    | 70.90 | 3.77          | 7.96    | 8.70    |
| M04B    | 11-Mar-11 | 12:37 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 2        | 7.90    | 16.70 | 30.50        | 5.74    | 71.30 | 3.72          | 7.95    | 8.50    |
| M04B    | 11-Mar-11 | 12:37 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | A        | 7.90    | 16.70 | 30.50        | 5.73    | 71.10 | 3.75          | 7.96    | 8.60    |
| Cul F   | 11-Mar-11 | 12:19 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 1        | 1.40    | 16.60 | 30.50        | 5.90    | 73.00 | 5.75          | 8.00    | 9.70    |
| Cul F   | 11-Mar-11 | 12:19 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 2        | 1.40    | 16.70 | 30.50        | 5.88    | 72.70 | 5.44          | 8.00    | 9.40    |
| Cul F   | 11-Mar-11 | 12:19 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | A        | 1.40    | 16.65 | 30.50        | 5.89    | 72.85 | 5.60          | 8.00    | 9.55    |
| Cul F   | 11-Mar-11 | 12:19 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | DA       | 0.00    | 16.65 | 30.50        | 5.89    | 72.85 | 5.60          | 8.00    | 9.55    |
| M01A    | 14-Mar-11 | 17:20 | SUNNY   | NORMAL        | MID-EBB   | 25.0         | 1        | 7.00    | 17.50 | 30.40        | 4.32    | 54.80 | 3.40          | 7.80    | 6.60    |
| M01A    | 14-Mar-11 | 17:20 | SUNNY   | NORMAL        | MID-EBB   | 25.0         | 2        | 7.00    | 17.40 | 30.50        | 4.30    | 54.50 | 3.52          | 7.80    | 6.90    |
| M01A    | 14-Mar-11 | 17:20 | SUNNY   | NORMAL        | MID-EBB   | 25.0         | A        | 7.00    | 17.45 | 30.45        | 4.31    | 54.65 | 3.46          | 7.80    | 6.75    |
| M04B    | 14-Mar-11 | 16:34 | SUNNY   | NORMAL        | MID-EBB   | 25.0         | 1        | 7.90    | 17.50 | 30.50        | 4.40    | 55.90 | 5.43          | 7.81    | 6.90    |
| M04B    | 14-Mar-11 | 16:34 | SUNNY   | NORMAL        | MID-EBB   | 25.0         | 2        | 7.90    | 17.50 | 30.50        | 4.39    | 55.70 | 5.15          | 7.82    | 7.20    |
| M04B    | 14-Mar-11 | 16:34 | SUNNY   | NORMAL        | MID-EBB   | 25.0         | A        | 7.90    | 17.50 | 30.50        | 4.40    | 55.80 | 5.29          | 7.82    | 7.05    |
| Cul F   | 14-Mar-11 | 16:50 | SUNNY   | NORMAL        | MID-EBB   | 24.0         | 1        | 1.20    | 17.90 | 30.30        | 4.51    | 57.60 | 4.66          | 7.83    | 5.60    |
| Cul F   | 14-Mar-11 | 16:50 | SUNNY   | NORMAL        | MID-EBB   | 24.0         | 2        | 1.20    | 17.90 | 30.30        | 4.48    | 57.30 | 4.79          | 7.83    | 5.80    |
| Cul F   | 14-Mar-11 | 16:50 | SUNNY   | NORMAL        | MID-EBB   | 24.0         | A        | 1.20    | 17.90 | 30.30        | 4.50    | 57.45 | 4.73          | 7.83    | 5.70    |
| Cul F   | 14-Mar-11 | 16:50 | SUNNY   | NORMAL        | MID-EBB   | 24.0         | DA       | 0.00    | 17.90 | 30.30        | 4.50    | 57.45 | 4.73          | 7.83    | 5.70    |
| M01A    | 14-Mar-11 | 09:47 | FINE    | NORMAL        | MID-FLOOD | 23.0         | 1        | 7.00    | 17.40 | 30.50        | 4.80    | 60.90 | 3.07          | 7.81    | 4.60    |
| M01A    | 14-Mar-11 | 09:47 | FINE    | NORMAL        | MID-FLOOD | 23.0         | 2        | 7.00    | 17.40 | 30.40        | 4.81    | 61.10 | 3.19          | 7.82    | 4.50    |
| M01A    | 14-Mar-11 | 09:47 | FINE    | NORMAL        | MID-FLOOD | 23.0         | A        | 7.00    | 17.40 | 30.45        | 4.81    | 61.00 | 3.13          | 7.82    | 4.55    |
| M04B    | 14-Mar-11 | 11:23 | FINE    | NORMAL        | MID-FLOOD | 23.0         | 1        | 7.90    | 17.40 | 30.50        | 4.41    | 55.50 | 6.43          | 7.85    | 7.50    |
| M04B    | 14-Mar-11 | 11:23 | FINE    | NORMAL        | MID-FLOOD | 23.0         | 2        | 7.90    | 17.30 | 30.50        | 4.22    | 53.30 | 6.62          | 7.87    | 7.70    |
| M04B    | 14-Mar-11 | 11:23 | FINE    | NORMAL        | MID-FLOOD | 23.0         | A        | 7.90    | 17.35 | 30.50        | 4.32    | 54.40 | 6.53          | 7.86    | 7.60    |
| Cul F   | 14-Mar-11 | 10:11 | FINE    | NORMAL        | MID-FLOOD | 22.0         | 1        | 1.10    | 17.70 | 30.30        | 5.12    | 65.20 | 5.51          | 7.85    | 6.60    |
| Cul F   | 14-Mar-11 | 10:11 | FINE    | NORMAL        | MID-FLOOD | 22.0         | 2        | 1.10    | 17.70 | 30.30        | 5.08    | 64.40 | 5.72          | 7.86    | 6.90    |
| Cul F   | 14-Mar-11 | 10:11 | FINE    | NORMAL        | MID-FLOOD | 22.0         | A        | 1.10    | 17.70 | 30.30        | 5.10    | 64.80 | 5.62          | 7.86    | 6.75    |
| Cul F   | 14-Mar-11 | 10:11 | FINE    | NORMAL        | MID-FLOOD | 22.0         | DA       | 0.00    | 17.70 | 30.30        | 5.10    | 64.80 | 5.62          | 7.86    | 6.75    |
| M01A    | 16-Mar-11 | 10:46 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 1        | 7.00    | 17.80 | 30.90        | 5.70    | 72.80 | 5.72          | 7.99    | 5.10    |
| M01A    | 16-Mar-11 | 10:46 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | 2        | 7.00    | 17.80 | 31.00        | 5.68    | 72.60 | 5.34          | 8.01    | 5.40    |
| M01A    | 16-Mar-11 | 10:46 | CLOUDY  | NORMAL        | MID-EBB   | 17.0         | A        | 7.00    | 17.80 | 30.95        | 5.69    | 72.70 | 5.53          | 8.00    | 5.25    |
| M04B    | 16-Mar-11 | 10:06 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 1        | 7.90    | 17.80 | 31.10        | 6.60    | 84.50 | 6.50          | 8.02    | 8.30    |
| M04B    | 16-Mar-11 | 10:06 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 2        | 7.90    | 17.80 | 31.20        | 6.69    | 85.60 | 6.26          | 8.05    | 8.50    |
| M04B    | 16-Mar-11 | 10:06 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | A        | 7.90    | 17.80 | 31.15        | 6.65    | 85.05 | 6.38          | 8.04    | 8.40    |
| Cul F   | 16-Mar-11 | 10:23 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 1        | 1.00    | 18.10 | 30.80        | 6.64    | 85.50 | 8.35          | 8.02    | 10.40   |
| Cul F   | 16-Mar-11 | 10:23 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 2        | 1.00    | 18.10 | 30.80        | 6.68    | 85.70 | 8.56          | 8.03    | 10.10   |
| Cul F   | 16-Mar-11 | 10:23 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | A        | 1.00    | 18.10 | 30.80        | 6.66    | 85.60 | 8.46          | 8.03    | 10.25   |
| Cul F   | 16-Mar-11 | 10:23 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | DA       | 0.00    | 18.10 | 30.80        | 6.66    | 85.60 | 8.46          | 8.03    | 10.25   |
| M01A    | 16-Mar-11 | 14:30 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 1        | 7.00    | 18.00 | 31.30        | 5.16    | 66.40 | 6.09          | 8.07    | 7.80    |
| M01A    | 16-Mar-11 | 14:30 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 2        | 7.00    | 18.00 | 31.30        | 5.19    | 66.60 | 5.63          | 8.08    | 7.70    |
| M01A    | 16-Mar-11 | 14:30 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | A        | 7.00    | 18.00 | 31.30        | 5.18    | 66.50 | 5.86          | 8.08    | 7.75    |
| M04B    | 16-Mar-11 | 15:10 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 1        | 7.90    | 18.00 | 31.30        | 5.31    | 68.20 | 6.52          | 8.10    | 11.50   |
| M04B    | 16-Mar-11 | 15:10 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 2        | 7.90    | 17.90 | 31.30        | 5.26    | 67.40 | 6.78          | 8.12    | 11.20   |
| M04B    | 16-Mar-11 | 15:10 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | A        | 7.90    | 17.95 | 31.30        | 5.29    | 67.80 | 6.65          | 8.11    | 11.35   |
| Cul F   | 16-Mar-11 | 14:56 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 1        | 1.20    | 18.30 | 30.80        | 5.79    | 75.10 | 4.60          | 7.96    | 6.50    |
| Cul F   | 16-Mar-11 | 14:56 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | 2        | 1.20    | 18.30 | 30.80        | 5.81    | 75.50 | 4.83          | 7.97    | 6.40    |
| Cul F   | 16-Mar-11 | 14:56 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | A        | 1.20    | 18.30 | 30.80        | 5.80    | 75.30 | 4.72          | 7.97    | 6.45    |
| Cul F   | 16-Mar-11 | 14:56 | CLOUDY  | NORMAL        | MID-FLOOD | 19.0         | DA       | 0.00    | 18.30 | 30.80        | 5.80    | 75.30 | 4.72          | 7.97    | 6.45    |
| M01A    | 18-Mar-11 | 10:47 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 1        | 7.00    | 17.90 | 31.40        | 5.72    | 73.40 | 4.25          | 7.95    | 5.80    |
| M01A    | 18-Mar-11 | 10:47 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 2        | 7.00    | 17.90 | 31.40        | 5.74    | 73.60 | 4.46          | 7.96    | 6.10    |
| M01A    | 18-Mar-11 | 10:47 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | A        | 7.00    | 17.90 | 31.40        | 5.73    | 73.50 | 4.36          | 7.96    | 5.95    |
| M04B    | 18-Mar-11 | 11:09 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 1        | 7.90    | 17.90 | 31.50        | 6.47    | 82.90 | 4.26          | 8.01    | 6.30    |
| M04B    | 18-Mar-11 | 11:09 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 2        | 7.90    | 17.90 | 31.50        | 6.48    | 83.10 | 4.13          | 8.03    | 6.50    |
| M04B    | 18-Mar-11 | 11:09 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | A        | 7.90    | 17.90 | 31.50        | 6.48    | 83.00 | 4.20          | 8.02    | 6.40    |
| Cul F   | 18-Mar-11 | 11:22 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 1        | 1.10    | 17.90 | 31.20        | 6.51    | 83.60 | 6.34          | 8.02    | 7.90    |
| Cul F   | 18-Mar-11 | 11:22 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | 2        | 1.10    | 17.90 | 31.20        | 6.52    | 83.70 | 6.52          | 8.02    | 8.10    |
| Cul F   | 18-Mar-11 | 11:22 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | A        | 1.10    | 17.90 | 31.20        | 6.52    | 83.65 | 6.43          | 8.02    | 8.00    |
| Cul F   | 18-Mar-11 | 11:22 | CLOUDY  | NORMAL        | MID-EBB   | 16.0         | DA       | 0.00    | 17.90 | 31.20        | 6.52    | 83.65 | 6.43          | 8.02    | 8.00    |
| M01A    | 18-Mar-11 | 16:32 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | 1        | 7.00    | 17.80 | 31.20        | 5.83    | 74.50 | 4.90          | 7.93    | 6.80    |
| M01A    | 18-Mar-11 | 16:32 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | 2        | 7.00    | 17.80 | 31.20        | 5.86    | 75.10 | 4.62          | 7.94    | 6.70    |
| M01A    | 18-Mar-11 | 16:32 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | A        | 7.00    | 17.80 | 31.20        | 5.85    | 74.80 | 4.76          | 7.94    | 6.75    |
| M04B    | 18-Mar-11 | 17:11 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | 1        | 7.90    | 17.80 | 31.10        | 5.89    | 75.40 | 6.11          | 7.96    | 8.00    |

| Station | Date      | Time  | Weather | Sea Condition | Tide      | Ambient Temp | Samp No. | Depth m | Temp  | Salinity PPT | DO mg/l | DOS % | Turbidity NTU | pH Unit | SS mg/l |
|---------|-----------|-------|---------|---------------|-----------|--------------|----------|---------|-------|--------------|---------|-------|---------------|---------|---------|
| M04B    | 18-Mar-11 | 17:11 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | 2        | 7.90    | 17.80 | 31.20        | 5.93    | 75.80 | 6.46          | 7.98    | 8.00    |
| M04B    | 18-Mar-11 | 17:11 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | A        | 7.90    | 17.80 | 31.15        | 5.91    | 75.60 | 6.29          | 7.97    | 8.00    |
| Cul F   | 18-Mar-11 | 16:59 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | 1        | 1.30    | 17.80 | 31.10        | 6.02    | 77.00 | 5.22          | 7.88    | 6.10    |
| Cul F   | 18-Mar-11 | 16:59 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | 2        | 1.30    | 17.80 | 31.10        | 6.00    | 76.80 | 5.43          | 7.90    | 6.30    |
| Cul F   | 18-Mar-11 | 16:59 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | A        | 1.30    | 17.80 | 31.10        | 6.01    | 76.90 | 5.33          | 7.89    | 6.20    |
| Cul F   | 18-Mar-11 | 16:59 | RAINY   | NORMAL        | MID-FLOOD | 16.0         | DA       | 0.00    | 17.80 | 31.10        | 6.01    | 76.90 | 5.33          | 7.89    | 6.20    |
| M01A    | 21-Mar-11 | 14:26 | FINE    | NORMAL        | MID-EBB   | 24.0         | 1        | 7.00    | 18.60 | 31.00        | 5.72    | 73.50 | 6.02          | 7.89    | 9.90    |
| M01A    | 21-Mar-11 | 14:26 | FINE    | NORMAL        | MID-EBB   | 24.0         | 2        | 7.00    | 18.60 | 31.00        | 5.68    | 73.00 | 5.93          | 7.87    | 9.60    |
| M01A    | 21-Mar-11 | 14:26 | FINE    | NORMAL        | MID-EBB   | 24.0         | A        | 7.00    | 18.60 | 31.00        | 5.70    | 73.25 | 5.98          | 7.88    | 9.75    |
| M04B    | 21-Mar-11 | 13:44 | FINE    | NORMAL        | MID-EBB   | 24.0         | 1        | 7.90    | 18.50 | 31.00        | 5.44    | 69.90 | 5.66          | 7.85    | 9.50    |
| M04B    | 21-Mar-11 | 13:44 | FINE    | NORMAL        | MID-EBB   | 24.0         | 2        | 7.90    | 18.50 | 30.90        | 5.46    | 70.30 | 4.92          | 7.86    | 9.20    |
| M04B    | 21-Mar-11 | 13:44 | FINE    | NORMAL        | MID-EBB   | 24.0         | A        | 7.90    | 18.50 | 30.95        | 5.45    | 70.10 | 5.29          | 7.86    | 9.35    |
| Cul F   | 21-Mar-11 | 13:57 | FINE    | NORMAL        | MID-EBB   | 24.0         | 1        | 1.00    | 19.20 | 30.80        | 6.63    | 86.20 | 13.80         | 7.93    | 18.10   |
| Cul F   | 21-Mar-11 | 13:57 | FINE    | NORMAL        | MID-EBB   | 24.0         | 2        | 1.00    | 19.10 | 30.80        | 6.57    | 85.50 | 14.10         | 7.94    | 18.30   |
| Cul F   | 21-Mar-11 | 13:57 | FINE    | NORMAL        | MID-EBB   | 24.0         | A        | 1.00    | 19.15 | 30.80        | 6.60    | 85.85 | 13.95         | 7.94    | 18.20   |
| Cul F   | 21-Mar-11 | 13:57 | FINE    | NORMAL        | MID-EBB   | 24.0         | DA       | 0.00    | 19.15 | 30.80        | 6.60    | 85.85 | 13.95         | 7.94    | 18.20   |
| M01A    | 21-Mar-11 | 08:21 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | 1        | 7.00    | 18.00 | 31.20        | 5.41    | 68.90 | 7.58          | 7.88    | 10.60   |
| M01A    | 21-Mar-11 | 08:21 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | 2        | 7.00    | 18.00 | 31.20        | 5.36    | 68.20 | 8.18          | 7.89    | 10.70   |
| M01A    | 21-Mar-11 | 08:21 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | A        | 7.00    | 18.00 | 31.20        | 5.39    | 68.55 | 7.88          | 7.89    | 10.65   |
| M04B    | 21-Mar-11 | 08:58 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | 1        | 7.90    | 18.00 | 31.30        | 5.20    | 66.20 | 6.11          | 7.90    | 11.40   |
| M04B    | 21-Mar-11 | 08:58 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | 2        | 7.90    | 18.00 | 31.20        | 5.28    | 67.10 | 5.52          | 7.90    | 11.30   |
| M04B    | 21-Mar-11 | 08:58 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | A        | 7.90    | 18.00 | 31.25        | 5.24    | 66.65 | 5.82          | 7.90    | 11.35   |
| Cul F   | 21-Mar-11 | 08:43 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | 1        | 1.40    | 18.10 | 31.20        | 5.81    | 74.00 | 7.24          | 7.92    | 9.90    |
| Cul F   | 21-Mar-11 | 08:43 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | 2        | 1.40    | 18.10 | 31.20        | 5.78    | 73.40 | 6.65          | 7.93    | 10.10   |
| Cul F   | 21-Mar-11 | 08:43 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | A        | 1.40    | 18.10 | 31.20        | 5.80    | 73.70 | 6.95          | 7.93    | 10.00   |
| Cul F   | 21-Mar-11 | 08:43 | MISTY   | NORMAL        | MID-FLOOD | 22.0         | DA       | 0.00    | 18.10 | 31.20        | 5.80    | 73.70 | 6.95          | 7.93    | 10.00   |
| M01A    | 23-Mar-11 | 15:10 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 7.00    | 18.40 | 31.20        | 4.75    | 60.90 | 4.49          | 7.90    | 9.20    |
| M01A    | 23-Mar-11 | 15:10 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 7.00    | 18.50 | 31.00        | 4.83    | 61.90 | 4.06          | 7.88    | 8.90    |
| M01A    | 23-Mar-11 | 15:10 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 7.00    | 18.45 | 31.10        | 4.79    | 61.40 | 4.28          | 7.89    | 9.05    |
| M04B    | 23-Mar-11 | 14:37 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 7.90    | 18.30 | 31.30        | 4.87    | 62.30 | 3.13          | 7.88    | 8.10    |
| M04B    | 23-Mar-11 | 14:37 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 7.90    | 18.40 | 31.30        | 4.90    | 62.90 | 3.62          | 7.89    | 8.10    |
| M04B    | 23-Mar-11 | 14:37 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 7.90    | 18.35 | 31.30        | 4.89    | 62.60 | 3.38          | 7.89    | 8.10    |
| Cul F   | 23-Mar-11 | 14:21 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 1.20    | 18.50 | 31.00        | 6.28    | 80.60 | 10.00         | 7.93    | 17.60   |
| Cul F   | 23-Mar-11 | 14:21 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 1.20    | 18.50 | 31.00        | 6.33    | 81.20 | 9.48          | 7.94    | 17.90   |
| Cul F   | 23-Mar-11 | 14:21 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 1.20    | 18.50 | 31.00        | 6.31    | 80.90 | 9.74          | 7.94    | 17.75   |
| Cul F   | 23-Mar-11 | 14:21 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | DA       | 0.00    | 18.50 | 31.00        | 6.31    | 80.90 | 9.74          | 7.94    | 17.75   |
| M01A    | 23-Mar-11 | 08:13 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 1        | 7.00    | 18.20 | 31.10        | 4.80    | 61.20 | 4.63          | 7.84    | 9.60    |
| M01A    | 23-Mar-11 | 08:13 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 2        | 7.00    | 18.20 | 31.20        | 4.71    | 59.90 | 5.62          | 7.86    | 9.70    |
| M01A    | 23-Mar-11 | 08:13 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | A        | 7.00    | 18.20 | 31.15        | 4.76    | 60.55 | 5.13          | 7.85    | 9.65    |
| M04B    | 23-Mar-11 | 08:58 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 1        | 7.90    | 18.20 | 31.10        | 4.79    | 61.00 | 5.14          | 7.88    | 9.40    |
| M04B    | 23-Mar-11 | 08:58 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 2        | 7.90    | 18.20 | 31.10        | 4.87    | 62.00 | 5.19          | 7.88    | 9.00    |
| M04B    | 23-Mar-11 | 08:58 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | A        | 7.90    | 18.20 | 31.10        | 4.83    | 61.50 | 5.17          | 7.88    | 9.20    |
| Cul F   | 23-Mar-11 | 08:39 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 1        | 1.30    | 18.20 | 31.10        | 5.03    | 64.10 | 5.21          | 7.88    | 10.10   |
| Cul F   | 23-Mar-11 | 08:39 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | 2        | 1.30    | 18.20 | 31.10        | 5.08    | 64.70 | 6.07          | 7.89    | 10.20   |
| Cul F   | 23-Mar-11 | 08:39 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | A        | 1.30    | 18.20 | 31.10        | 5.06    | 64.40 | 5.64          | 7.89    | 10.15   |
| Cul F   | 23-Mar-11 | 08:39 | CLOUDY  | NORMAL        | MID-FLOOD | 15.0         | DA       | 0.00    | 18.20 | 31.10        | 5.06    | 64.40 | 5.64          | 7.89    | 10.15   |
| M01A    | 25-Mar-11 | 16:18 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 1        | 7.00    | 18.40 | 31.30        | 5.40    | 69.30 | 3.81          | 7.83    | 8.80    |
| M01A    | 25-Mar-11 | 16:18 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 2        | 7.00    | 18.40 | 31.40        | 5.32    | 68.10 | 3.51          | 7.84    | 8.70    |
| M01A    | 25-Mar-11 | 16:18 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | A        | 7.00    | 18.40 | 31.35        | 5.36    | 68.70 | 3.66          | 7.84    | 8.75    |
| M04B    | 25-Mar-11 | 16:54 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 1        | 7.90    | 18.50 | 31.30        | 5.09    | 65.20 | 3.38          | 7.85    | 7.60    |
| M04B    | 25-Mar-11 | 16:54 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 2        | 7.90    | 18.50 | 31.30        | 5.19    | 66.30 | 3.62          | 7.85    | 7.70    |
| M04B    | 25-Mar-11 | 16:54 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | A        | 7.90    | 18.50 | 31.30        | 5.14    | 65.75 | 3.50          | 7.85    | 7.65    |
| Cul F   | 25-Mar-11 | 16:41 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 1        | 1.40    | 18.60 | 31.20        | 6.15    | 79.00 | 9.11          | 8.07    | 15.40   |
| Cul F   | 25-Mar-11 | 16:41 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | 2        | 1.40    | 18.60 | 31.20        | 6.24    | 80.30 | 10.40         | 8.08    | 15.70   |
| Cul F   | 25-Mar-11 | 16:41 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | A        | 1.40    | 18.60 | 31.20        | 6.20    | 79.65 | 9.76          | 8.08    | 15.55   |
| Cul F   | 25-Mar-11 | 16:41 | CLOUDY  | NORMAL        | MID-EBB   | 20.0         | DA       | 0.00    | 18.60 | 31.20        | 6.20    | 79.65 | 9.76          | 8.08    | 15.55   |
| M01A    | 25-Mar-11 | 09:11 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | 1        | 7.00    | 18.30 | 31.30        | 4.88    | 62.20 | 5.07          | 7.80    | 9.40    |
| M01A    | 25-Mar-11 | 09:11 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | 2        | 7.00    | 18.30 | 31.40        | 4.77    | 60.60 | 5.14          | 7.81    | 9.30    |
| M01A    | 25-Mar-11 | 09:11 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | A        | 7.00    | 18.30 | 31.35        | 4.83    | 61.40 | 5.11          | 7.81    | 9.35    |
| M04B    | 25-Mar-11 | 09:54 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 1        | 7.90    | 18.20 | 31.40        | 4.39    | 55.80 | 5.89          | 7.86    | 10.50   |
| M04B    | 25-Mar-11 | 09:54 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | 2        | 7.90    | 18.20 | 31.40        | 4.31    | 54.90 | 5.72          | 7.85    | 10.80   |
| M04B    | 25-Mar-11 | 09:54 | CLOUDY  | NORMAL        | MID-FLOOD | 18.0         | A        | 7.90    | 18.20 | 31.40        | 4.35    | 55.35 | 5.81          | 7.86    | 10.65   |
| Cul F   | 25-Mar-11 | 09:37 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | 1        | 1.40    | 18.40 | 31.10        | 5.64    | 72.10 | 6.99          | 7.87    | 12.30   |
| Cul F   | 25-Mar-11 | 09:37 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | 2        | 1.40    | 18.40 | 31.10        | 5.63    | 71.90 | 6.63          | 7.87    | 12.20   |
| Cul F   | 25-Mar-11 | 09:37 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | A        | 1.40    | 18.40 | 31.10        | 5.64    | 72.00 | 6.81          | 7.87    | 12.25   |
| Cul F   | 25-Mar-11 | 09:37 | CLOUDY  | NORMAL        | MID-FLOOD | 17.0         | DA       | 0.00    | 18.40 | 31.10        | 5.64    | 72.00 | 6.81          | 7.87    | 12.25   |
| M01A    | 28-Mar-11 | 09:47 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 7.00    | 18.00 | 31.60        | 5.81    | 74.50 | 4.89          | 7.91    | 6.80    |
| M01A    | 28-Mar-11 | 09:47 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 7.00    | 18.00 | 31.60        | 5.80    | 74.40 | 4.96          | 7.92    | 7.10    |
| M01A    | 28-Mar-11 | 09:47 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 7.00    | 18.00 | 31.60        | 5.81    | 74.45 | 4.93          | 7.92    | 6.95    |
| M04B    | 28-Mar-11 | 10:25 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 7.90    | 18.00 | 31.70        | 5.11    | 65.70 | 5.95          | 7.86    | 12.00   |
| M04B    | 28-Mar-11 | 10:25 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 7.90    | 18.00 | 31.70        | 5.12    | 65.80 | 6.25          | 7.87    | 11.60   |
| M04B    | 28-Mar-11 | 10:25 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 7.90    | 18.00 | 31.70        | 5.12    | 65.75 | 6.10          | 7.87    | 11.80   |
| Cul F   | 28-Mar-11 | 10:11 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 1        | 1.10    | 18.20 | 31.30        | 5.73    | 74.00 | 6.20          | 7.96    | 11.00   |
| Cul F   | 28-Mar-11 | 10:11 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | 2        | 1.10    | 18.20 | 31.30        | 5.75    | 74.20 | 6.49          | 7.97    | 11.00   |
| Cul F   | 28-Mar-11 | 10:11 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | A        | 1.10    | 18.20 | 31.30        | 5.74    | 74.10 | 6.35          | 7.97    | 11.00   |
| Cul F   | 28-Mar-11 | 10:11 | CLOUDY  | NORMAL        | MID-EBB   | 18.0         | DA       | 0.00    | 18.20 | 31.30        | 5.74    | 74.10 | 6.35          | 7.97    | 11.00   |
| M01A    | 28-Mar-11 | 14:53 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | 1        | 7.00    | 18.20 | 31.40        | 4.93    | 65.30 | 2.73          | 7.92    | 4.20    |

| Station | Date      | Time  | Weather | Sea Condition | Tide      | Ambient Temp | Samp No. | Depth m | Temp  | Salinity PPT | DO mg/l | DOS % | Turbidity NTU | pH Unit | SS mg/l |
|---------|-----------|-------|---------|---------------|-----------|--------------|----------|---------|-------|--------------|---------|-------|---------------|---------|---------|
| M01A    | 28-Mar-11 | 14:53 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | 2        | 7.00    | 18.20 | 31.40        | 4.82    | 63.00 | 2.64          | 7.94    | 4.10    |
| M01A    | 28-Mar-11 | 14:53 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | A        | 7.00    | 18.20 | 31.40        | 4.88    | 64.15 | 2.69          | 7.93    | 4.15    |
| M04B    | 28-Mar-11 | 14:10 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | 1        | 7.90    | 18.30 | 31.50        | 4.63    | 60.30 | 2.81          | 7.94    | 4.20    |
| M04B    | 28-Mar-11 | 14:10 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | 2        | 7.90    | 18.30 | 31.50        | 4.62    | 60.20 | 2.92          | 7.95    | 4.40    |
| M04B    | 28-Mar-11 | 14:10 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | A        | 7.90    | 18.30 | 31.50        | 4.63    | 60.25 | 2.87          | 7.95    | 4.30    |
| Cul F   | 28-Mar-11 | 14:26 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | 1        | 1.20    | 18.50 | 31.30        | 4.84    | 63.90 | 3.14          | 7.95    | 4.80    |
| Cul F   | 28-Mar-11 | 14:26 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | 2        | 1.20    | 18.60 | 31.30        | 4.86    | 64.00 | 3.26          | 7.96    | 5.10    |
| Cul F   | 28-Mar-11 | 14:26 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | A        | 1.20    | 18.55 | 31.30        | 4.85    | 63.95 | 3.20          | 7.96    | 4.95    |
| Cul F   | 28-Mar-11 | 14:26 | CLOUDY  | NORMAL        | MID-FLOOD | 22.0         | DA       | 0.00    | 18.55 | 31.30        | 4.85    | 63.95 | 3.20          | 7.96    | 4.95    |
| M01A    | 30-Mar-11 | 10:11 | RAINY   | NORMAL        | MID-EBB   | 19.0         | 1        | 7.00    | 18.00 | 31.90        | 5.05    | 64.90 | 4.32          | 7.84    | 7.70    |
| M01A    | 30-Mar-11 | 10:11 | RAINY   | NORMAL        | MID-EBB   | 19.0         | 2        | 7.00    | 18.00 | 31.90        | 5.04    | 64.60 | 4.43          | 7.86    | 7.50    |
| M01A    | 30-Mar-11 | 10:11 | RAINY   | NORMAL        | MID-EBB   | 19.0         | A        | 7.00    | 18.00 | 31.90        | 5.05    | 64.75 | 4.38          | 7.85    | 7.60    |
| M04B    | 30-Mar-11 | 10:48 | RAINY   | NORMAL        | MID-EBB   | 18.0         | 1        | 7.90    | 18.00 | 31.60        | 4.63    | 58.90 | 3.68          | 7.88    | 7.20    |
| M04B    | 30-Mar-11 | 10:48 | RAINY   | NORMAL        | MID-EBB   | 18.0         | 2        | 7.90    | 18.00 | 31.60        | 4.60    | 58.20 | 3.84          | 7.90    | 7.50    |
| M04B    | 30-Mar-11 | 10:48 | RAINY   | NORMAL        | MID-EBB   | 18.0         | A        | 7.90    | 18.00 | 31.60        | 4.62    | 58.55 | 3.76          | 7.89    | 7.35    |
| Cul F   | 30-Mar-11 | 10:35 | RAINY   | NORMAL        | MID-EBB   | 18.0         | 1        | 1.10    | 18.10 | 31.00        | 5.55    | 71.20 | 10.80         | 7.91    | 19.80   |
| Cul F   | 30-Mar-11 | 10:35 | RAINY   | NORMAL        | MID-EBB   | 18.0         | 2        | 1.10    | 18.30 | 30.90        | 5.48    | 70.50 | 10.40         | 7.92    | 19.40   |
| Cul F   | 30-Mar-11 | 10:35 | RAINY   | NORMAL        | MID-EBB   | 18.0         | A        | 1.10    | 18.20 | 30.95        | 5.52    | 70.85 | 10.60         | 7.92    | 19.60   |
| Cul F   | 30-Mar-11 | 10:35 | RAINY   | NORMAL        | MID-EBB   | 18.0         | DA       | 0.00    | 18.20 | 30.95        | 5.52    | 70.85 | 10.60         | 7.92    | 19.60   |
| M01A    | 30-Mar-11 | 15:05 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | 1        | 7.00    | 18.10 | 31.50        | 4.25    | 54.10 | 4.07          | 7.90    | 7.20    |
| M01A    | 30-Mar-11 | 15:05 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | 2        | 7.00    | 18.10 | 31.50        | 4.06    | 51.90 | 3.90          | 7.91    | 7.30    |
| M01A    | 30-Mar-11 | 15:05 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | A        | 7.00    | 18.10 | 31.50        | 4.16    | 53.00 | 3.99          | 7.91    | 7.25    |
| M04B    | 30-Mar-11 | 15:44 | CLOUDY  | NORMAL        | MID-FLOOD | 20.0         | 1        | 7.90    | 18.00 | 31.60        | 4.26    | 54.50 | 5.45          | 7.91    | 7.90    |
| M04B    | 30-Mar-11 | 15:44 | CLOUDY  | NORMAL        | MID-FLOOD | 20.0         | 2        | 7.90    | 18.10 | 31.40        | 4.27    | 54.70 | 5.63          | 7.93    | 7.60    |
| M04B    | 30-Mar-11 | 15:44 | CLOUDY  | NORMAL        | MID-FLOOD | 20.0         | A        | 7.90    | 18.05 | 31.50        | 4.27    | 54.60 | 5.54          | 7.92    | 7.75    |
| Cul F   | 30-Mar-11 | 15:31 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | 1        | 1.10    | 18.90 | 31.10        | 5.05    | 65.80 | 13.10         | 7.92    | 20.30   |
| Cul F   | 30-Mar-11 | 15:31 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | 2        | 1.10    | 18.90 | 31.10        | 5.04    | 65.70 | 12.40         | 7.93    | 20.10   |
| Cul F   | 30-Mar-11 | 15:31 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | A        | 1.10    | 18.90 | 31.10        | 5.05    | 65.75 | 12.75         | 7.93    | 20.20   |
| Cul F   | 30-Mar-11 | 15:31 | CLOUDY  | NORMAL        | MID-FLOOD | 21.0         | DA       | 0.00    | 18.90 | 31.10        | 5.05    | 65.75 | 12.75         | 7.93    | 20.20   |