

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 16:42 | 20.7 | 8.0 | 26.8 | 6.95 | 14.3 | 11.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 16:42 | 20.7 | 8.0 | 26.8 | 6.92 | 14.3 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Middle | 5.3 | 2 | 1 | 16:42 | 20.7 | 8.0 | 26.8 | 6.99 | 14.2 | 13.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Middle | 5.3 | 2 | 2 | 16:42 | 20.7 | 8.0 | 26.8 | 6.95 | 14.2 | 13.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Bottom | 9.6 | 3 | 1 | 16:42 | 20.8 | 8.0 | 26.9 | 6.96 | 14.9 | 14.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Bottom | 9.6 | 3 | 2 | 16:42 | 20.8 | 8.0 | 26.9 | 6.94 | 14.9 | 14.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 17:12 | 20.8 | 8.0 | 26.9 | 6.98 | 11.7 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 17:12 | 20.8 | 8.0 | 26.9 | 6.95 | 11.7 | 10.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4a | Middle | | 2 | 1 | 17:12 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4a | Middle | | 2 | 2 | 17:12 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4a | Bottom | 4.4 | 3 | 1 | 17:12 | 20.8 | 8.0 | 26.9 | 6.95 | 9.9 | 11.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4a | Bottom | 4.4 | 3 | 2 | 17:12 | 20.7 | 8.0 | 26.9 | 6.91 | 9.9 | 11.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 17:42 | 20.9 | 8.0 | 26.8 | 7.08 | 11.6 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 17:42 | 20.8 | 8.0 | 26.8 | 7.04 | 11.7 | 11.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4 | Middle | | 2 | 1 | 17:42 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4 | Middle | | 2 | 2 | 17:42 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4 | Bottom | 4.2 | 3 | 1 | 17:42 | 20.8 | 8.0 | 26.8 | 7.05 | 9.0 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | SR4 | Bottom | 4.2 | 3 | 2 | 17:42 | 20.7 | 8.0 | 26.8 | 7.01 | 9.1 | 11.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 18:12 | 20.8 | 8.1 | 26.8 | 6.98 | 11.6 | 11.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 18:12 | 20.9 | 8.1 | 26.8 | 6.94 | 11.6 | 11.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS8 | Middle | | 2 | 1 | 18:12 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS8 | Middle | | 2 | 2 | 18:12 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 18:12 | 20.7 | 8.1 | 26.8 | 7.03 | 12.1 | 11.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 18:12 | 20.7 | 8.1 | 26.8 | 7.01 | 12.1 | 11.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 18:42 | 20.8 | 8.1 | 26.8 | 6.94 | 11.9 | 6.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 18:42 | 20.8 | 8.1 | 26.8 | 6.90 | 11.8 | 7.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Middle | 4.5 | 2 | 1 | 18:42 | 20.7 | 8.1 | 26.9 | 6.98 | 10.0 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Middle | 4.5 | 2 | 2 | 18:42 | 20.7 | 8.1 | 26.9 | 6.94 | 10.0 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Bottom | 8.0 | 3 | 1 | 18:42 | 20.7 | 8.1 | 26.9 | 6.95 | 11.1 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Bottom | 8.0 | 3 | 2 | 18:42 | 20.7 | 8.1 | 26.9 | 6.91 | 11.2 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 19:20 | 20.8 | 8.1 | 26.8 | 7.10 | 13.0 | 7.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 19:20 | 20.8 | 8.1 | 26.8 | 7.06 | 13.0 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 19:20 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 19:20 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 1 | 19:20 | 20.7 | 8.1 | 26.8 | 7.07 | 12.6 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 2 | 19:20 | 20.7 | 8.1 | 26.8 | 7.05 | 12.6 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 19:55 | 20.8 | 8.1 | 26.8 | 7.04 | 13.5 | 12.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 19:55 | 20.8 | 8.1 | 26.8 | 7.06 | 13.5 | 12.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Middle | 3.9 | 2 | 1 | 19:55 | 20.7 | 8.0 | 26.8 | 7.01 | 13.7 | 12.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Middle | 3.9 | 2 | 2 | 19:55 | 20.7 | 8.0 | 26.8 | 6.98 | 13.8 | 12.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Bottom | 6.8 | 3 | 1 | 19:55 | 20.7 | 8.1 | 26.8 | 6.99 | 14.4 | 12.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Bottom | 6.8 | 3 | 2 | 19:55 | 20.7 | 8.1 | 26.8 | 7.03 | 14.4 | 11.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 11:30 | 20.5 | 8.0 | 26.8 | 6.97 | 13.7 | 11.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 11:30 | 20.5 | 8.0 | 26.8 | 6.95 | 13.7 | 10.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Middle | 3.7 | 2 | 1 | 11:30 | 20.5 | 8.0 | 26.8 | 7.05 | 12.6 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Middle | 3.7 | 2 | 2 | 11:30 | 20.5 | 8.0 | 26.8 | 7.07 | 12.6 | 12.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Bottom | 6.4 | 3 | 1 | 11:30 | 20.5 | 8.0 | 26.8 | 7.03 | 15.1 | 12.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Bottom | 6.4 | 3 | 2 | 11:30 | 20.5 | 8.0 | 26.8 | 7.06 | 15.1 | 11.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 14:05 | 20.5 | 8.0 | 26.9 | 6.95 | 11.9 | 12.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 14:05 | 20.5 | 8.0 | 26.9 | 6.92 | 11.9 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4a | Middle | | 2 | 1 | 14:05 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4a | Middle | | 2 | 2 | 14:05 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 14:05 | 20.4 | 8.0 | 26.9 | 6.91 | 13.1 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 14:05 | 20.4 | 8.0 | 26.9 | 6.93 | 13.1 | 14.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 13:30 | 20.4 | 8.0 | 26.9 | 6.93 | 13.1 | 9.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 13:30 | 20.4 | 8.0 | 26.9 | 6.96 | 13.2 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4 | Middle | | 2 | 1 | 13:30 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4 | Middle | | 2 | 2 | 13:30 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4 | Bottom | 3.6 | 3 | 1 | 13:30 | 20.5 | 8.0 | 26.9 | 6.90 | 10.4 | 12.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | SR4 | Bottom | 3.6 | 3 | 2 | 13:30 | 20.5 | 8.0 | 26.9 | 6.94 | 10.5 | 12.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 13:00 | 20.4 | 8.0 | 26.9 | 6.93 | 11.8 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 13:00 | 20.4 | 8.0 | 26.9 | 6.90 | 11.8 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS8 | Middle | | 2 | 1 | 13:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS8 | Middle | | 2 | 2 | 13:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS8 | Bottom | 4.2 | 3 | 1 | 13:00 | 20.4 | 8.0 | 26.8 | 6.95 | 11.7 | 16.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS8 | Bottom | 4.2 | 3 | 2 | 13:00 | 20.5 | 8.0 | 26.8 | 6.97 | 11.6 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 12:30 | 20.4 | 8.0 | 26.9 | 6.92 | 10.0 | 8.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 12:30 | 20.4 | 8.0 | 26.9 | 6.94 | 10.0 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Middle | 4.2 | 2 | 1 | 12:30 | 20.4 | 8.0 | 26.9 | 6.97 | 10.7 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Middle | 4.2 | 2 | 2 | 12:30 | 20.4 | 8.0 | 26.9 | 6.99 | 10.7 | 10.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Bottom | 7.4 | 3 | 1 | 12:30 | 20.5 | 8.0 | 26.8 | 6.90 | 12.0 | 11.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Bottom | 7.4 | 3 | 2 | 12:30 | 20.5 | 8.0 | 26.8 | 6.88 | 12.0 | 10.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 12:00 | 20.4 | 8.0 | 26.8 | 7.09 | 11.0 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 12:00 | 20.4 | 8.0 | 26.8 | 7.06 | 11.0 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 12:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 12:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 12:00 | 20.4 | 8.0 | 26.8 | 7.10 | 11.3 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 12:00 | 20.4 | 8.0 | 26.8 | 7.08 | 11.2 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-03 | Mid-Ebb | Fine | Small Wave | CS(Mf) | | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 07:38 | 19.3 | 7.9 | 26.8 | 6.98 | 13.2 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 07:38 | 19.2 | 7.8 | 26.7 | 6.96 | 12.6 | 13.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)5 | Middle | 5.3 | 2 | 1 | 07:38 | 19.3 | 7.9 | 26.8 | 6.94 | 15.4 | 14.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)5 | Middle | 5.3 | 2 | 2 | 07:38 | 19.4 | 7.9 | 26.8 | 6.96 | 14.2 | 14.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)5 | Bottom | 9.6 | 3 | 1 | 07:38 | 19.4 | 7.9 | 26.8 | 6.99 | 17.0 | 19.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)5 | Bottom | 9.6 | 3 | 2 | 07:38 | 19.4 | 8.0 | 26.9 | 6.95 | 18.2 | 17.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 08:08 | 19.2 | 8.0 | 26.8 | 6.94 | 17.4 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 08:08 | 19.3 | 8.0 | 26.8 | 6.90 | 17.1 | 16.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4a | Middle | | 2 | 1 | 08:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4a | Middle | | 2 | 2 | 08:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4a | Bottom | 4.4 | 3 | 1 | 08:08 | 19.3 | 8.0 | 26.9 | 6.90 | 19.1 | 20.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4a | Bottom | 4.4 | 3 | 2 | 08:08 | 19.4 | 8.0 | 26.8 | 6.92 | 19.1 | 21.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 08:38 | 19.3 | 7.9 | 26.9 | 6.98 | 18.9 | 16.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 08:38 | 19.3 | 7.9 | 26.8 | 6.96 | 18.8 | 15.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4 | Middle | | 2 | 1 | 08:38 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4 | Middle | | 2 | 2 | 08:38 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4 | Bottom | 4.3 | 3 | 1 | 08:38 | 19.4 | 8.0 | 26.9 | 6.96 | 19.8 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | SR4 | Bottom | 4.3 | 3 | 2 | 08:38 | 19.3 | 8.0 | 27.0 | 6.92 | 19.7 | 16.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 09:00 | 19.4 | 8.0 | 26.8 | 6.94 | 20.4 | 14.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 09:00 | 19.4 | 8.0 | 26.8 | 6.96 | 20.6 | 16.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS8 | Middle | | 2 | 1 | 09:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS8 | Middle | | 2 | 2 | 09:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 09:00 | 19.4 | 7.9 | 26.9 | 6.96 | 17.8 | 16.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 09:00 | 19.4 | 8.0 | 26.9 | 6.93 | 18.4 | 16.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 09:34 | 19.3 | 8.0 | 26.8 | 6.96 | 14.6 | 12.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 09:34 | 19.4 | 8.0 | 26.8 | 6.96 | 14.4 | 12.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)16 | Middle | 4.5 | 2 | 1 | 09:34 | 19.4 | 8.0 | 26.9 | 6.93 | 16.1 | 16.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)16 | Middle | 4.5 | 2 | 2 | 09:34 | 19.4 | 8.0 | 26.8 | 6.90 | 15.5 | 15.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)16 | Bottom | 8.0 | 3 | 1 | 09:34 | 19.4 | 8.0 | 26.9 | 6.94 | 16.1 | 16.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)16 | Bottom | 8.0 | 3 | 2 | 09:34 | 19.3 | 8.0 | 26.9 | 6.90 | 17.3 | 15.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 10:15 | 19.4 | 8.0 | 26.8 | 6.90 | 18.1 | 14.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 10:15 | 19.4 | 8.0 | 26.8 | 6.88 | 18.3 | 13.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 10:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 10:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 1 | 10:15 | 19.4 | 7.9 | 26.9 | 6.90 | 17.3 | 15.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 2 | 10:15 | 19.3 | 7.9 | 26.9 | 6.86 | 17.6 | 14.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 10:43 | 19.5 | 8.0 | 26.8 | 6.89 | 17.2 | 13.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 10:43 | 19.4 | 8.0 | 26.9 | 6.89 | 16.5 | 13.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)3 | Middle | 4.0 | 2 | 1 | 10:43 | 19.4 | 7.9 | 26.9 | 6.91 | 15.5 | 12.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)3 | Middle | 4.0 | 2 | 2 | 10:43 | 19.4 | 8.0 | 26.9 | 6.93 | 15.8 | 11.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)3 | Bottom | 6.9 | 3 | 1 | 10:43 | 19.4 | 8.0 | 27.0 | 6.94 | 17.9 | 16.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Flood | Sunny | Small Wave | CS(Mf)3 | Bottom | 6.9 | 3 | 2 | 10:43 | 19.5 | 8.0 | 26.9 | 6.90 | 18.1 | 17.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 13:07 | 19.6 | 7.9 | 26.8 | 6.90 | 15.9 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 13:07 | 19.5 | 7.9 | 26.9 | 6.93 | 15.4 | 13.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | CS(Mf)3 | Middle | 3.8 | 2 | 1 | 13:07 | 19.6 | 7.9 | 26.9 | 6.94 | 15.4 | 13.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | CS(Mf)3 | Middle | 3.8 | 2 | 2 | 13:07 | 19.6 | 8.0 | 26.9 | 6.90 | 15.3 | 13.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | CS(Mf)3 | Bottom | 6.5 | 3 | 1 | 13:07 | 19.4 | 7.9 | 27.0 | 6.89 | 15.8 | 18.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | CS(Mf)3 | Bottom | 6.5 | 3 | 2 | 13:07 | 19.5 | 7.9 | 26.9 | 6.88 | 16.0 | 17.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 15:45 | 19.6 | 7.9 | 26.9 | 6.93 | 16.5 | 17.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 15:45 | 19.6 | 7.9 | 26.9 | 6.90 | 17.7 | 17.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4a | Middle | | 2 | 1 | 15:45 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4a | Middle | | 2 | 2 | 15:45 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 15:45 | 19.5 | 7.9 | 27.0 | 6.89 | 15.8 | 17.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 15:45 | 19.6 | 7.9 | 27.1 | 6.91 | 16.5 | 17.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 15:10 | 19.6 | 7.9 | 26.9 | 6.88 | 15.9 | 17.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 15:10 | 19.6 | 8.0 | 26.8 | 6.84 | 16.3 | 16.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4 | Middle | | 2 | 1 | 15:10 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4 | Middle | | 2 | 2 | 15:10 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4 | Bottom | 3.6 | 3 | 1 | 15:10 | 19.6 | 7.9 | 26.9 | 6.88 | 16.3 | 19.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | SR4 | Bottom | 3.6 | 3 | 2 | 15:10 | 19.5 | 7.9 | 26.9 | 6.87 | 17.3 | 19.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 14:40 | 19.6 | 7.9 | 26.9 | 6.89 | 19.3 | 15.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 14:40 | 19.7 | 7.9 | 26.9 | 6.91 | 17.1 | 15.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS8 | Middle | | 2 | 1 | 14:40 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS8 | Middle | | 2 | 2 | 14:40 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS8 | Bottom | 4.2 | 3 | 1 | 14:40 | 19.6 | 7.9 | 26.8 | 6.90 | 17.9 | 17.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS8 | Bottom | 4.2 | 3 | 2 | 14:40 | 19.6 | 7.9 | 26.9 | 6.88 | 17.8 | 18.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 14:10 | 19.7 | 7.9 | 27.0 | 6.88 | 14.7 | 12.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 14:10 | 19.7 | 7.9 | 27.0 | 6.87 | 15.2 | 11.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)16 | Middle | 4.2 | 2 | 1 | 14:10 | 19.7 | 7.9 | 26.9 | 6.86 | 15.4 | 15.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)16 | Middle | 4.2 | 2 | 2 | 14:10 | 19.6 | 7.9 | 26.9 | 6.88 | 15.5 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)16 | Bottom | 7.3 | 3 | 1 | 14:10 | 19.6 | 7.9 | 27.0 | 6.92 | 15.5 | 17.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)16 | Bottom | 7.3 | 3 | 2 | 14:10 | 19.6 | 7.9 | 26.9 | 6.90 | 15.9 | 15.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 13:40 | 19.3 | 7.9 | 26.9 | 6.90 | 13.9 | 14.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 13:40 | 19.4 | 7.9 | 6.9 | 6.86 | 14.6 | 14.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 13:40 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 13:40 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 13:40 | 19.4 | 7.8 | 27.0 | 6.93 | 19.7 | 17.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | Mid-Ebb | Sunny | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 13:40 | 19.5 | 7.9 | 26.9 | 6.90 | 19.8 | 16.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-05 | | | | | | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 09:19 | 19.4 | 7.8 | 26.7 | 6.95 | 14.7 | 16.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 09:19 | 19.3 | 7.8 | 26.6 | 6.93 | 15.1 | 16.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.4 | 2 | 1 | 09:19 | 19.4 | 7.8 | 26.7 | 6.88 | 17.0 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.4 | 2 | 2 | 09:19 | 19.5 | 7.9 | 26.8 | 6.90 | 17.4 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 9.8 | 3 | 1 | 09:19 | 19.5 | 7.9 | 26.8 | 6.89 | 18.7 | 20.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 9.8 | 3 | 2 | 09:19 | 19.6 | 7.9 | 26.9 | 6.86 | 18.3 | 19.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 09:54 | 19.3 | 7.9 | 26.7 | 6.91 | 16.9 | 19.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 09:54 | 19.4 | 7.9 | 26.8 | 6.87 | 17.2 | 19.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 09:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 09:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 4.6 | 3 | 1 | 09:54 | 19.5 | 8.0 | 26.9 | 6.85 | 22.3 | 22.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 4.6 | 3 | 2 | 09:54 | 19.4 | 7.9 | 26.9 | 6.83 | 22.6 | 23.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 10:24 | 19.4 | 7.9 | 26.8 | 6.92 | 18.9 | 13.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 10:24 | 19.3 | 7.9 | 26.9 | 6.90 | 18.6 | 13.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 10:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 10:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 4.6 | 3 | 1 | 10:24 | 19.5 | 7.9 | 27.0 | 6.87 | 21.8 | 20.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 4.6 | 3 | 2 | 10:24 | 19.5 | 7.9 | 26.9 | 6.83 | 21.3 | 20.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 10:54 | 19.4 | 7.9 | 26.8 | 6.89 | 17.4 | 18.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 10:54 | 19.5 | 7.9 | 26.8 | 6.90 | 17.1 | 17.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 10:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 10:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.4 | 3 | 1 | 10:54 | 19.6 | 7.9 | 26.8 | 6.87 | 20.9 | 21.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.4 | 3 | 2 | 10:54 | 19.5 | 7.9 | 26.9 | 6.84 | 20.4 | 21.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 11:24 | 19.5 | 7.9 | 26.7 | 6.94 | 17.0 | 18.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 11:24 | 19.4 | 7.9 | 26.6 | 6.93 | 16.5 | 18.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.6 | 2 | 1 | 11:24 | 19.5 | 7.9 | 26.8 | 6.87 | 18.1 | 18.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.6 | 2 | 2 | 11:24 | 19.6 | 7.9 | 26.9 | 6.84 | 18.4 | 18.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.2 | 3 | 1 | 11:24 | 19.6 | 7.9 | 26.9 | 6.82 | 20.5 | 20.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.2 | 3 | 2 | 11:24 | 19.6 | 8.0 | 27.0 | 6.81 | 20.1 | 19.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 11:54 | 19.5 | 7.9 | 26.7 | 6.87 | 17.3 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 11:54 | 19.4 | 7.9 | 26.8 | 6.85 | 18.1 | 16.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 11:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 11:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 1 | 11:54 | 19.5 | 7.9 | 26.9 | 6.81 | 19.1 | 20.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 2 | 11:54 | 19.6 | 7.9 | 26.8 | 6.77 | 18.3 | 20.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 12:22 | 19.5 | 7.9 | 26.9 | 6.89 | 18.2 | 18.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 12:22 | 19.5 | 7.9 | 26.8 | 6.88 | 17.8 | 18.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 3.8 | 2 | 1 | 12:22 | 19.5 | 7.9 | 26.9 | 6.82 | 18.6 | 16.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 3.8 | 2 | 2 | 12:22 | 19.6 | 7.9 | 27.0 | 6.84 | 19.1 | 17.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 6.6 | 3 | 1 | 12:22 | 19.6 | 8.0 | 27.0 | 6.85 | 23.1 | 19.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 6.6 | 3 | 2 | 12:22 | 19.5 | 7.9 | 27.0 | 6.81 | 22.3 | 17.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 14:51 | 19.8 | 7.9 | 27.0 | 6.82 | 18.0 | 16.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 14:51 | 19.7 | 7.8 | 27.0 | 6.83 | 18.4 | 16.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 3.8 | 2 | 1 | 14:51 | 19.7 | 7.9 | 27.1 | 6.74 | 19.6 | 17.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 3.8 | 2 | 2 | 14:51 | 19.7 | 7.9 | 27.1 | 6.80 | 19.9 | 17.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 6.6 | 3 | 1 | 14:51 | 19.6 | 8.0 | 27.0 | 6.83 | 24.9 | 21.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 6.6 | 3 | 2 | 14:51 | 19.7 | 8.0 | 27.1 | 6.78 | 24.3 | 21.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 17:25 | 19.8 | 7.9 | 26.9 | 6.98 | 18.1 | 18.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 17:25 | 19.8 | 7.9 | 26.9 | 6.92 | 18.4 | 18.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 17:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 17:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 4.2 | 3 | 1 | 17:25 | 19.7 | 8.0 | 27.0 | 6.62 | 22.8 | 21.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 4.2 | 3 | 2 | 17:25 | 19.7 | 8.0 | 27.1 | 6.68 | 23.1 | 21.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 16:56 | 19.8 | 7.9 | 27.0 | 6.72 | 19.4 | 16.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 16:56 | 19.9 | 7.9 | 26.9 | 6.78 | 19.6 | 17.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 16:56 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 16:56 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 4.4 | 3 | 1 | 16:56 | 19.8 | 7.8 | 27.0 | 6.70 | 22.4 | 19.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 4.4 | 3 | 2 | 16:56 | 19.8 | 7.8 | 27.0 | 6.68 | 22.8 | 20.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 16:26 | 19.9 | 7.9 | 26.9 | 6.81 | 18.7 | 17.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 16:26 | 19.8 | 7.9 | 26.9 | 6.83 | 18.9 | 16.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 16:26 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 16:26 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.0 | 3 | 1 | 16:26 | 19.7 | 7.9 | 27.1 | 6.75 | 21.8 | 19.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.0 | 3 | 2 | 16:26 | 19.7 | 7.9 | 27.0 | 6.77 | 21.0 | 18.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 15:56 | 19.9 | 8.0 | 27.0 | 6.94 | 17.8 | 15.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 15:56 | 19.9 | 8.0 | 27.0 | 6.88 | 18.4 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.5 | 2 | 1 | 15:56 | 19.8 | 7.9 | 27.1 | 6.76 | 19.5 | 19.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.5 | 2 | 2 | 15:56 | 19.7 | 7.9 | 27.1 | 6.83 | 20.3 | 19.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.0 | 3 | 1 | 15:56 | 19.7 | 7.9 | 27.0 | 6.88 | 21.4 | 20.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.0 | 3 | 2 | 15:56 | 19.7 | 7.9 | 27.1 | 6.90 | 21.9 | 20.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 15:26 | 19.8 | 7.9 | 26.9 | 6.90 | 18.7 | 16.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 15:26 | 19.8 | 7.9 | 26.9 | 6.84 | 18.3 | 16.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 15:26 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 15:26 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 15:26 | 19.7 | 7.9 | 27.0 | 6.79 | 19.8 | 23.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-07 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 15:26 | 19.8 | 7.9 | 2 | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 12:10 | 19.5 | 7.8 | 26.7 | 7.01 | 4.5 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 12:10 | 19.4 | 7.7 | 26.8 | 6.99 | 4.6 | 2.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.5 | 2 | 1 | 12:10 | 19.5 | 7.8 | 26.9 | 6.94 | 8.2 | 4.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.5 | 2 | 2 | 12:10 | 19.6 | 7.8 | 26.9 | 6.96 | 8.1 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 10.0 | 3 | 1 | 12:10 | 19.6 | 7.8 | 26.9 | 6.95 | 16.9 | 11.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 10.0 | 3 | 2 | 12:10 | 19.7 | 7.9 | 27.0 | 6.92 | 16.1 | 11.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 12:45 | 19.4 | 7.9 | 26.8 | 6.97 | 6.3 | 4.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 12:45 | 19.5 | 7.9 | 26.7 | 6.93 | 6.3 | 6.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 12:45 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 12:45 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 4.8 | 3 | 1 | 12:45 | 19.6 | 7.9 | 26.8 | 6.91 | 12.0 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 4.8 | 3 | 2 | 12:45 | 19.5 | 7.9 | 26.9 | 6.89 | 12.6 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 13:15 | 19.5 | 7.8 | 26.9 | 6.98 | 7.2 | 4.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 13:15 | 19.4 | 7.8 | 26.8 | 6.96 | 7.3 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 13:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 13:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 4.6 | 3 | 1 | 13:15 | 19.6 | 7.9 | 27.0 | 6.93 | 14.5 | 9.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 4.6 | 3 | 2 | 13:15 | 19.5 | 7.9 | 27.1 | 6.89 | 14.8 | 10.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 13:15 | 19.5 | 7.9 | 26.8 | 6.95 | 8.9 | 4.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 13:15 | 19.6 | 7.9 | 26.9 | 6.96 | 9.0 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 13:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 13:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 13:15 | 19.7 | 7.8 | 27.0 | 6.93 | 9.5 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 13:15 | 19.7 | 7.9 | 26.9 | 6.90 | 9.5 | 6.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 14:15 | 19.6 | 7.9 | 26.7 | 7.00 | 4.7 | 2.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 14:15 | 19.6 | 7.9 | 26.8 | 6.90 | 4.7 | 2.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.7 | 2 | 1 | 14:15 | 19.7 | 7.9 | 26.9 | 6.93 | 6.9 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.7 | 2 | 2 | 14:15 | 19.6 | 7.9 | 27.0 | 6.90 | 6.9 | 2.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.4 | 3 | 1 | 14:15 | 19.7 | 7.9 | 27.1 | 6.88 | 14.0 | 11.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.4 | 3 | 2 | 14:15 | 19.8 | 7.9 | 27.0 | 6.87 | 15.0 | 12.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 14:45 | 19.6 | 7.9 | 26.8 | 6.93 | 7.3 | 6.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 14:45 | 19.5 | 7.9 | 26.9 | 6.91 | 7.4 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 14:45 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 14:45 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.4 | 3 | 1 | 14:45 | 19.6 | 7.8 | 27.0 | 6.87 | 10.7 | 7.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.4 | 3 | 2 | 14:45 | 19.7 | 7.8 | 27.0 | 6.83 | 10.9 | 8.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 15:20 | 19.6 | 7.9 | 26.8 | 6.95 | 4.8 | 2.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 15:20 | 19.6 | 7.9 | 26.8 | 6.94 | 4.9 | 2.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.1 | 2 | 1 | 15:20 | 19.7 | 7.8 | 26.9 | 6.88 | 5.5 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.1 | 2 | 2 | 15:20 | 19.6 | 7.9 | 27.0 | 6.90 | 5.6 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 7.2 | 3 | 1 | 15:20 | 19.8 | 7.9 | 27.1 | 6.91 | 13.3 | 10.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 7.2 | 3 | 2 | 15:20 | 19.7 | 7.9 | 27.0 | 6.87 | 12.9 | 11.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 18:33 | 19.6 | 7.9 | 26.8 | 6.86 | 4.8 | 2.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 18:33 | 19.7 | 7.9 | 26.9 | 6.85 | 4.9 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.2 | 2 | 1 | 18:33 | 19.7 | 7.9 | 27.0 | 6.79 | 5.6 | 6.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.2 | 2 | 2 | 18:33 | 19.6 | 7.9 | 26.9 | 6.81 | 5.7 | 5.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 7.4 | 3 | 1 | 18:33 | 19.8 | 7.9 | 27.1 | 6.82 | 13.6 | 12.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 7.4 | 3 | 2 | 18:33 | 19.8 | 7.9 | 27.2 | 6.78 | 13.2 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 21:08 | 19.4 | 7.8 | 26.7 | 6.88 | 6.3 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 21:08 | 19.3 | 7.8 | 26.8 | 6.84 | 6.4 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 21:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 21:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 4.6 | 3 | 1 | 21:08 | 19.4 | 7.9 | 26.9 | 6.82 | 12.5 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 4.6 | 3 | 2 | 21:08 | 19.5 | 7.9 | 26.9 | 6.80 | 13.1 | 8.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 20:38 | 19.4 | 7.9 | 26.8 | 6.89 | 7.3 | 10.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 20:38 | 19.4 | 7.9 | 26.7 | 6.87 | 7.3 | 10.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 20:38 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 20:38 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 4.4 | 3 | 1 | 20:38 | 19.5 | 7.9 | 26.9 | 6.84 | 15.0 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 4.4 | 3 | 2 | 20:38 | 19.4 | 7.9 | 27.0 | 6.88 | 15.3 | 10.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 20:08 | 19.5 | 7.9 | 26.8 | 6.86 | 9.0 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 20:08 | 19.4 | 7.9 | 26.8 | 6.87 | 9.0 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 20:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 20:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.6 | 3 | 1 | 20:08 | 19.5 | 7.9 | 26.9 | 6.84 | 9.5 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.6 | 3 | 2 | 20:08 | 19.6 | 7.9 | 26.8 | 6.81 | 9.6 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 19:38 | 19.5 | 7.9 | 26.7 | 6.92 | 4.7 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 19:38 | 19.6 | 7.9 | 26.7 | 6.90 | 4.8 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.6 | 2 | 1 | 19:38 | 19.6 | 7.9 | 26.9 | 6.84 | 6.9 | 4.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.6 | 2 | 2 | 19:38 | 19.5 | 7.9 | 26.8 | 6.81 | 7.0 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.2 | 3 | 1 | 19:38 | 19.6 | 7.9 | 27.0 | 6.85 | 14.9 | 11.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 8.2 | 3 | 2 | 19:38 | 19.7 | 7.9 | 26.9 | 6.84 | 15.5 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 19:08 | 19.6 | 7.9 | 26.8 | 6.84 | 7.4 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 19:08 | 19.7 | 7.9 | 26.7 | 6.82 | 7.5 | 5.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 19:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 19:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 1 | 19:08 | 19.8 | 7.9 | 26.9 | 6.78 | 11.2 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 2 | 19:08 | 19.7 | 7.8 | 27.0 | 6.74 | 11.4 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-10 | Mid-E | | | | | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|-----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 13:43 | 20.1 | 7.5 | 26.2 | 6.49 | 4.6 | 2.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 13:43 | 20.2 | 7.5 | 26.1 | 6.52 | 4.9 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 4.9 | 2 | 1 | 13:43 | 20.3 | 7.5 | 26.3 | 6.61 | 4.8 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 4.9 | 2 | 2 | 13:43 | 20.2 | 7.5 | 26.4 | 6.58 | 4.9 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 8.8 | 3 | 1 | 13:43 | 20.3 | 7.5 | 26.4 | 6.56 | 4.9 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 8.8 | 3 | 2 | 13:43 | 20.3 | 7.5 | 26.5 | 6.54 | 4.8 | 2.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 14:18 | 20.2 | 7.5 | 26.1 | 6.46 | 4.7 | 7.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 14:18 | 20.1 | 7.5 | 26.2 | 6.44 | 4.4 | 6.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 14:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 14:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 14:18 | 20.2 | 7.5 | 26.3 | 6.51 | 5.0 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 14:18 | 20.2 | 7.5 | 26.2 | 6.52 | 4.9 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 14:48 | 20.2 | 7.4 | 26.2 | 6.59 | 11.9 | 7.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 14:48 | 20.2 | 7.4 | 26.1 | 6.57 | 9.5 | 6.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 14:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 14:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 1 | 14:48 | 20.2 | 7.5 | 26.3 | 6.62 | 8.9 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 2 | 14:48 | 20.1 | 7.5 | 26.3 | 6.61 | 10.3 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 15:18 | 20.2 | 7.5 | 26.1 | 6.56 | 7.7 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 15:18 | 20.1 | 7.5 | 26.2 | 6.53 | 7.8 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 15:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 15:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.0 | 3 | 1 | 15:18 | 20.2 | 7.5 | 26.4 | 6.62 | 7.5 | 5.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.0 | 3 | 2 | 15:18 | 20.3 | 7.5 | 26.3 | 6.67 | 7.4 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 15:48 | 20.3 | 7.4 | 26.3 | 6.47 | 6.5 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 15:48 | 20.2 | 7.4 | 26.2 | 6.50 | 6.5 | 2.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.6 | 2 | 1 | 15:48 | 20.3 | 7.5 | 26.3 | 6.58 | 6.6 | 2.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.6 | 2 | 2 | 15:48 | 20.3 | 7.5 | 26.4 | 6.61 | 6.6 | 3.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.2 | 3 | 1 | 15:48 | 20.3 | 7.5 | 26.4 | 6.56 | 6.6 | 3.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.2 | 3 | 2 | 15:48 | 20.4 | 7.5 | 26.4 | 6.55 | 6.6 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 16:18 | 20.1 | 7.5 | 25.8 | 6.52 | 4.7 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 16:18 | 20.0 | 7.5 | 25.7 | 6.56 | 4.6 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 16:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 16:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 1 | 16:18 | 20.2 | 7.4 | 25.8 | 6.58 | 4.8 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 2 | 16:18 | 20.2 | 7.4 | 25.9 | 6.59 | 4.8 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 16:53 | 20.1 | 7.5 | 25.8 | 6.62 | 10.0 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 16:53 | 20.1 | 7.4 | 25.9 | 6.59 | 10.0 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.6 | 2 | 1 | 16:53 | 20.1 | 7.5 | 25.9 | 6.69 | 10.0 | 7.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.6 | 2 | 2 | 16:53 | 20.2 | 7.5 | 26.0 | 6.66 | 10.0 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 8.2 | 3 | 1 | 16:53 | 20.3 | 7.5 | 26.1 | 6.53 | 9.3 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 8.2 | 3 | 2 | 16:53 | 20.2 | 7.5 | 26.0 | 6.50 | 9.8 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 07:50 | 20.0 | 7.4 | 25.7 | 6.56 | 10.9 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 07:50 | 20.0 | 7.4 | 25.8 | 6.53 | 10.2 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.4 | 2 | 1 | 07:50 | 20.1 | 7.5 | 25.9 | 6.63 | 10.4 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.4 | 2 | 2 | 07:50 | 20.1 | 7.5 | 25.9 | 6.60 | 10.7 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 7.8 | 3 | 1 | 07:50 | 20.1 | 7.4 | 25.9 | 6.44 | 9.3 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 7.8 | 3 | 2 | 07:50 | 20.2 | 7.4 | 26.0 | 6.47 | 9.9 | 10.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 09:53 | 20.1 | 7.4 | 26.0 | 6.40 | 4.8 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 09:53 | 20.1 | 7.4 | 26.1 | 6.38 | 4.5 | 2.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 09:53 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 09:53 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.6 | 3 | 1 | 09:53 | 20.1 | 7.5 | 26.2 | 6.45 | 5.0 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.6 | 3 | 2 | 09:53 | 20.1 | 7.5 | 26.2 | 6.46 | 5.0 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 09:28 | 20.1 | 7.4 | 26.0 | 6.53 | 5.5 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 09:28 | 20.0 | 7.4 | 26.1 | 6.51 | 5.4 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 09:28 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 09:28 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.6 | 3 | 1 | 09:28 | 20.1 | 7.4 | 26.1 | 6.56 | 6.1 | 3.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.6 | 3 | 2 | 09:28 | 20.1 | 7.4 | 26.2 | 6.55 | 5.6 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 09:06 | 20.1 | 7.4 | 26.1 | 6.50 | 4.6 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 09:06 | 20.1 | 7.4 | 26.1 | 6.47 | 4.2 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 09:06 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 09:06 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 3.8 | 3 | 1 | 09:06 | 20.1 | 7.5 | 26.2 | 6.56 | 4.8 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 3.8 | 3 | 2 | 09:06 | 20.2 | 7.5 | 26.3 | 6.58 | 4.8 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 08:40 | 20.1 | 7.4 | 26.1 | 6.41 | 5.6 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 08:40 | 20.2 | 7.4 | 26.2 | 6.44 | 5.3 | 3.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.4 | 2 | 1 | 08:40 | 20.2 | 7.4 | 26.2 | 6.52 | 4.4 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.4 | 2 | 2 | 08:40 | 20.2 | 7.4 | 26.2 | 6.55 | 4.9 | 5.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 5.8 | 3 | 1 | 08:40 | 20.2 | 7.5 | 26.3 | 6.50 | 5.2 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 5.8 | 3 | 2 | 08:40 | 20.2 | 7.5 | 26.2 | 6.49 | 4.9 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 08:15 | 20.0 | 7.5 | 25.6 | 6.50 | 4.8 | 3.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 08:15 | 20.0 | 7.5 | 25.7 | 6.46 | 4.7 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 08:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 08:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.4 | 3 | 1 | 08:15 | 20.0 | 7.4 | 25.7 | 6.52 | 4.9 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.4 | 3 | 2 | 08:15 | 20.1 | 7.4 | 25.7 | 6.54 | 4.9 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-12 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)5</ | | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 14:55 | 20.3 | 7.7 | 27.4 | 7.43 | 7.8 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 14:55 | 20.2 | 7.7 | 27.3 | 7.40 | 7.1 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.2 | 2 | 1 | 14:55 | 20.3 | 7.7 | 27.5 | 7.36 | 11.5 | 11.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.2 | 2 | 2 | 14:55 | 20.3 | 7.7 | 27.6 | 7.33 | 10.8 | 12.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 9.4 | 3 | 1 | 14:55 | 20.4 | 7.7 | 27.6 | 7.20 | 17.6 | 20.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 9.4 | 3 | 2 | 14:55 | 20.3 | 7.7 | 27.5 | 7.17 | 17.9 | 21.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 15:25 | 20.1 | 7.8 | 27.3 | 7.33 | 7.6 | 7.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 15:25 | 20.2 | 7.8 | 27.4 | 7.30 | 7.5 | 6.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | | 1 | 15:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | | 2 | 15:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 15:25 | 20.3 | 7.8 | 27.4 | 7.17 | 9.4 | 7.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 15:25 | 20.2 | 7.8 | 27.5 | 7.20 | 10.9 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 15:55 | 20.2 | 7.8 | 27.3 | 7.16 | 7.6 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 15:55 | 20.1 | 7.8 | 27.4 | 7.19 | 7.8 | 9.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | | 1 | 15:55 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | | 2 | 15:55 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 1 | 15:55 | 20.2 | 7.8 | 27.5 | 7.11 | 8.6 | 8.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 2 | 15:55 | 20.3 | 7.8 | 27.4 | 7.06 | 9.5 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 16:25 | 20.2 | 7.8 | 27.4 | 7.27 | 7.0 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 16:25 | 20.2 | 7.8 | 27.3 | 7.24 | 6.6 | 7.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | | 1 | 16:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | | 2 | 16:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.0 | 3 | 1 | 16:25 | 20.3 | 7.8 | 27.5 | 7.15 | 10.1 | 12.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.0 | 3 | 2 | 16:25 | 20.2 | 7.8 | 27.6 | 7.11 | 11.2 | 13.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 16:55 | 20.1 | 7.8 | 27.4 | 7.22 | 9.0 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 16:55 | 20.2 | 7.8 | 27.3 | 7.18 | 8.1 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | | | 1 | 16:55 | 20.2 | 7.8 | 27.5 | 7.11 | 10.9 | 10.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | | | 2 | 16:55 | 20.2 | 7.9 | 27.5 | 7.10 | 11.1 | 11.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.2 | 3 | 1 | 16:55 | 20.3 | 7.8 | 27.7 | 7.02 | 19.1 | 22.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.2 | 3 | 2 | 16:55 | 20.2 | 7.8 | 27.6 | 7.05 | 18.7 | 21.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 17:25 | 20.1 | 7.9 | 27.3 | 7.24 | 6.8 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 17:25 | 20.0 | 7.9 | 27.2 | 7.20 | 7.5 | 10.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | | 1 | 17:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | | 2 | 17:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 17:25 | 20.1 | 7.9 | 27.4 | 7.12 | 9.0 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 17:25 | 20.1 | 7.9 | 27.5 | 7.09 | 10.0 | 13.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 18:05 | 20.1 | 7.9 | 27.3 | 7.28 | 10.9 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 18:05 | 20.0 | 7.9 | 27.4 | 7.31 | 11.5 | 12.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.7 | 2 | 1 | 18:05 | 20.2 | 7.9 | 27.5 | 7.13 | 11.8 | 11.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.7 | 2 | 2 | 18:05 | 20.1 | 7.9 | 27.6 | 7.16 | 12.0 | 11.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 8.4 | 3 | 1 | 18:05 | 20.2 | 7.9 | 27.8 | 7.11 | 10.2 | 10.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 8.4 | 3 | 2 | 18:05 | 20.2 | 7.9 | 27.7 | 7.07 | 10.0 | 12.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 09:20 | 20.0 | 7.8 | 27.3 | 7.19 | 11.1 | 13.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 09:20 | 20.0 | 7.8 | 27.3 | 7.22 | 11.9 | 12.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.5 | 2 | 1 | 09:20 | 20.0 | 7.9 | 27.5 | 7.04 | 12.1 | 12.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 4.5 | 2 | 2 | 09:20 | 20.1 | 7.9 | 27.5 | 7.07 | 12.6 | 12.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 8.0 | 3 | 1 | 09:20 | 20.1 | 7.8 | 27.7 | 7.02 | 10.8 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 8.0 | 3 | 2 | 09:20 | 20.1 | 7.8 | 27.7 | 6.98 | 10.1 | 12.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 11:25 | 20.1 | 7.8 | 27.3 | 7.24 | 7.7 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 11:25 | 20.1 | 7.8 | 27.3 | 7.21 | 7.6 | 7.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | | 1 | 11:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | | 2 | 11:25 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.5 | 3 | 1 | 11:25 | 20.1 | 7.8 | 27.3 | 7.08 | 9.5 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.5 | 3 | 2 | 11:25 | 20.2 | 7.8 | 27.4 | 7.11 | 11.7 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 10:55 | 20.1 | 7.7 | 27.3 | 7.07 | 7.7 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 10:55 | 20.1 | 7.7 | 27.3 | 7.10 | 7.9 | 6.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | | 1 | 10:55 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | | 2 | 10:55 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.6 | 3 | 1 | 10:55 | 20.1 | 7.7 | 27.5 | 7.02 | 8.7 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.6 | 3 | 2 | 10:55 | 20.1 | 7.7 | 27.4 | 6.97 | 9.5 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 10:32 | 20.1 | 7.8 | 27.3 | 7.18 | 7.1 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 10:32 | 20.0 | 7.8 | 27.3 | 7.15 | 6.7 | 6.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | | 1 | 10:32 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | | 2 | 10:32 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 3.8 | 3 | 1 | 10:32 | 20.1 | 7.8 | 27.4 | 7.06 | 10.6 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 3.8 | 3 | 2 | 10:32 | 20.1 | 7.8 | 27.5 | 7.02 | 11.5 | 11.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 10:08 | 20.0 | 7.8 | 27.2 | 7.13 | 9.0 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 10:08 | 20.1 | 7.8 | 27.3 | 7.09 | 8.1 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.5 | 2 | 1 | 10:08 | 20.1 | 7.8 | 27.4 | 7.02 | 11.7 | 13.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.5 | 2 | 2 | 10:08 | 20.1 | 7.8 | 27.4 | 7.01 | 11.5 | 14.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.0 | 3 | 1 | 10:08 | 20.1 | 7.8 | 27.5 | 6.93 | 19.9 | 23.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.0 | 3 | 2 | 10:08 | 20.2 | 7.8 | 27.6 | 6.96 | 19.3 | 21.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 09:46 | 20.0 | 7.9 | 27.1 | 7.15 | 6.8 | 15.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 09:46 | 20.0 | 7.9 | 27.2 | 7.11 | 7.6 | 14.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | | 1 | 09:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | | 2 | 09:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.5 | 3 | 1 | 09:46 | 20.0 | 7.9 | 27.4 | 7.03 | 9.1 | 13.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.5 | 3 | 2 | 09:46 | 20.0 | 7.9 | 27.4 | 7.00 | 10.4 | 13.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-14 | Mid-Ebb | Cloudy | Small Wave</ | | | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 16:29 | 19.9 | 7.3 | 27.2 | 6.50 | 2.6 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 16:29 | 19.9 | 7.2 | 27.1 | 6.58 | 2.8 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)5 | Middle | 5.2 | 2 | 1 | 16:29 | 20.0 | 7.5 | 27.3 | 6.39 | 2.2 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)5 | Middle | 5.2 | 2 | 2 | 16:29 | 20.1 | 7.4 | 27.2 | 6.43 | 2.3 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)5 | Bottom | 9.4 | 3 | 1 | 16:29 | 20.2 | 7.5 | 27.3 | 6.19 | 1.5 | 10.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)5 | Bottom | 9.4 | 3 | 2 | 16:29 | 20.1 | 7.5 | 27.4 | 6.14 | 1.6 | 8.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 17:04 | 19.9 | 7.3 | 27.1 | 6.20 | 8.6 | 11.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 17:04 | 20.0 | 7.3 | 27.0 | 6.22 | 8.8 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4a | Middle | | | 1 | 17:04 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4a | Middle | | | 2 | 17:04 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4a | Bottom | 4.0 | 3 | 1 | 17:04 | 20.1 | 7.4 | 27.2 | 6.05 | 5.9 | 13.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4a | Bottom | 4.0 | 3 | 2 | 17:04 | 20.1 | 7.4 | 27.3 | 5.99 | 6.0 | 14.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 17:34 | 19.9 | 7.4 | 27.1 | 6.32 | 4.4 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 17:34 | 20.0 | 7.4 | 27.2 | 6.36 | 4.4 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4 | Middle | | | 1 | 17:34 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4 | Middle | | | 2 | 17:34 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4 | Bottom | 4.2 | 3 | 1 | 17:34 | 20.0 | 7.4 | 27.2 | 6.20 | 4.7 | 10.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | SR4 | Bottom | 4.2 | 3 | 2 | 17:34 | 20.1 | 7.5 | 27.3 | 6.22 | 4.8 | 9.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 18:04 | 20.1 | 7.4 | 27.3 | 6.19 | 8.6 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 18:04 | 20.0 | 7.4 | 27.2 | 6.21 | 8.5 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS8 | Middle | | | 1 | 18:04 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS8 | Middle | | | 2 | 18:04 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS8 | Bottom | 4.4 | 3 | 1 | 18:04 | 20.1 | 7.5 | 27.2 | 6.14 | 5.1 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS8 | Bottom | 4.4 | 3 | 2 | 18:04 | 20.1 | 7.5 | 27.2 | 6.17 | 5.1 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 18:34 | 20.1 | 7.4 | 27.2 | 6.15 | 2.9 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 18:34 | 20.2 | 7.4 | 27.1 | 6.19 | 3.0 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)16 | Middle | 3.4 | 2 | 1 | 18:34 | 20.2 | 7.5 | 27.3 | 6.11 | 3.2 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)16 | Middle | 3.4 | 2 | 2 | 18:34 | 20.3 | 7.4 | 27.2 | 6.07 | 3.1 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)16 | Bottom | 5.8 | 3 | 1 | 18:34 | 20.3 | 7.3 | 27.3 | 6.36 | 2.0 | 8.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)16 | Bottom | 5.8 | 3 | 2 | 18:34 | 20.3 | 7.3 | 27.3 | 6.39 | 1.9 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 19:04 | 19.9 | 7.3 | 27.1 | 6.28 | 5.3 | 8.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 19:04 | 20.0 | 7.3 | 27.0 | 6.30 | 5.4 | 7.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)9 | Middle | | | 1 | 19:04 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)9 | Middle | | | 2 | 19:04 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 19:04 | 20.1 | 7.3 | 27.1 | 6.09 | 6.7 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 19:04 | 20.0 | 7.3 | 27.2 | 6.17 | 6.9 | 9.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 19:39 | 19.9 | 7.2 | 26.9 | 6.52 | 2.1 | 10.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 19:39 | 19.8 | 7.2 | 27.0 | 6.49 | 2.0 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)3 | Middle | 4.4 | 2 | 1 | 19:39 | 19.9 | 7.3 | 27.1 | 6.21 | 2.2 | 11.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)3 | Middle | 4.4 | 2 | 2 | 19:39 | 20.0 | 7.4 | 27.0 | 6.19 | 2.2 | 12.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)3 | Bottom | 7.8 | 3 | 1 | 19:39 | 20.0 | 7.4 | 27.2 | 6.11 | 2.0 | 12.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Flood | Drizzle | Small Wave | CS(Mf)3 | Bottom | 7.8 | 3 | 2 | 19:39 | 20.1 | 7.5 | 27.1 | 6.18 | 2.1 | 12.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 11:18 | 19.9 | 7.2 | 27.0 | 6.43 | 2.4 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 11:18 | 19.9 | 7.2 | 27.0 | 6.40 | 2.5 | 12.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)3 | Middle | 4.3 | 2 | 1 | 11:18 | 20.0 | 7.3 | 27.0 | 6.12 | 3.2 | 13.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)3 | Middle | 4.3 | 2 | 2 | 11:18 | 20.1 | 7.3 | 27.1 | 6.10 | 3.2 | 12.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)3 | Bottom | 7.6 | 3 | 1 | 11:18 | 20.1 | 7.4 | 27.1 | 6.02 | 1.9 | 12.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)3 | Bottom | 7.6 | 3 | 2 | 11:18 | 20.1 | 7.4 | 27.1 | 6.10 | 1.9 | 13.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4a | Surface | 1.0 | 1 | 1 | 13:54 | 19.8 | 7.2 | 26.9 | 6.11 | 8.8 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4a | Surface | 1.0 | 1 | 2 | 13:54 | 19.8 | 7.3 | 26.9 | 6.13 | 8.9 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4a | Middle | | | 1 | 13:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4a | Middle | | | 2 | 13:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4a | Bottom | 2.4 | 3 | 1 | 13:54 | 20.0 | 7.4 | 27.1 | 5.96 | 6.1 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4a | Bottom | 2.4 | 3 | 2 | 13:54 | 20.0 | 7.4 | 27.0 | 5.90 | 6.1 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4 | Surface | 1.0 | 1 | 1 | 13:24 | 19.9 | 7.4 | 27.1 | 6.23 | 4.6 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4 | Surface | 1.0 | 1 | 2 | 13:24 | 19.9 | 7.4 | 27.0 | 6.27 | 4.6 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4 | Middle | | | 1 | 13:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4 | Middle | | | 2 | 13:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4 | Bottom | 3.8 | 3 | 1 | 13:24 | 20.0 | 7.4 | 27.1 | 6.11 | 4.9 | 10.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | SR4 | Bottom | 3.8 | 3 | 2 | 13:24 | 20.0 | 7.4 | 27.2 | 6.13 | 4.9 | 10.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS8 | Surface | 1.0 | 1 | 1 | 12:53 | 19.9 | 7.4 | 27.2 | 6.10 | 8.9 | 10.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS8 | Surface | 1.0 | 1 | 2 | 12:53 | 19.8 | 7.4 | 27.3 | 6.12 | 8.8 | 10.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS8 | Middle | | | 1 | 12:53 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS8 | Middle | | | 2 | 12:53 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS8 | Bottom | 4.0 | 3 | 1 | 12:53 | 20.0 | 7.5 | 27.0 | 6.05 | 5.3 | 10.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS8 | Bottom | 4.0 | 3 | 2 | 12:53 | 19.9 | 7.5 | 27.1 | 6.08 | 5.3 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 12:23 | 20.0 | 7.4 | 27.1 | 6.06 | 3.0 | 10.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 12:23 | 19.9 | 7.4 | 27.1 | 6.10 | 3.0 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)16 | Middle | 3.2 | 2 | 1 | 12:23 | 20.0 | 7.5 | 27.2 | 6.02 | 4.9 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)16 | Middle | 3.2 | 2 | 2 | 12:23 | 20.0 | 7.4 | 27.2 | 5.98 | 5.0 | 10.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)16 | Bottom | 5.4 | 3 | 1 | 12:23 | 20.1 | 4.2 | 27.0 | 6.27 | 2.0 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)16 | Bottom | 5.4 | 3 | 2 | 12:23 | 20.1 | 4.3 | 27.1 | 6.30 | 2.1 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 11:53 | 19.9 | 7.2 | 26.9 | 6.19 | 5.4 | 8.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 11:53 | 19.9 | 7.3 | 27.0 | 6.21 | 5.4 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)9 | Middle | | | 1 | 11:53 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)9 | Middle | | | 2 | 11:53 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)9 | Bottom | 3.6 | 3 | 1 | 11:53 | 20.0 | 7.3 | 27.0 | 6.00 | 6.9 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | IS(Mf)9 | Bottom | 3.6 | 3 | 2 | 11:53 | 20.0 | 7.3 | 27.0 | 6.08 | 7.0 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-17 | Mid-Ebb | Drizzle | Calm | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 14:28 | 19.8 | 7.3 | 27.0 | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 17:33 | 19.6 | 7.3 | 27.1 | 6.21 | 9.2 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 17:33 | 19.5 | 7.3 | 27.0 | 6.20 | 9.1 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Middle | 4.6 | 2 | 1 | 17:33 | 19.5 | 7.4 | 27.2 | 6.18 | 9.5 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Middle | 4.6 | 2 | 2 | 17:33 | 19.6 | 7.5 | 27.2 | 6.12 | 9.5 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Bottom | 8.2 | 3 | 1 | 17:33 | 19.8 | 7.5 | 27.2 | 6.02 | 8.4 | 8.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Bottom | 8.2 | 3 | 2 | 17:33 | 19.7 | 7.5 | 27.3 | 6.03 | 8.3 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 18:08 | 19.4 | 7.4 | 27.1 | 6.18 | 7.7 | 8.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 18:08 | 19.5 | 7.4 | 27.1 | 6.20 | 7.6 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4a | Middle | | 2 | 1 | 18:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4a | Middle | | 2 | 2 | 18:08 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4a | Bottom | 3.6 | 3 | 1 | 18:08 | 19.7 | 7.6 | 27.2 | 6.07 | 8.0 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4a | Bottom | 3.6 | 3 | 2 | 18:08 | 19.6 | 7.6 | 27.2 | 6.10 | 7.9 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 18:38 | 19.5 | 7.2 | 27.0 | 6.19 | 8.1 | 8.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 18:38 | 19.6 | 7.3 | 27.0 | 6.21 | 8.1 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4 | Middle | | 2 | 1 | 18:38 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4 | Middle | | 2 | 2 | 18:38 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4 | Bottom | 3.8 | 3 | 1 | 18:38 | 19.7 | 7.3 | 27.1 | 5.94 | 7.1 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | SR4 | Bottom | 3.8 | 3 | 2 | 18:38 | 19.6 | 7.3 | 27.1 | 5.96 | 7.2 | 7.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 19:06 | 19.6 | 7.4 | 27.0 | 6.15 | 8.2 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 19:06 | 19.7 | 7.5 | 26.9 | 6.11 | 8.3 | 7.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS8 | Middle | | 2 | 1 | 19:06 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS8 | Middle | | 2 | 2 | 19:06 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 19:06 | 19.8 | 7.4 | 27.1 | 6.00 | 6.8 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 19:06 | 19.8 | 7.4 | 27.1 | 6.08 | 6.9 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 19:35 | 19.7 | 7.6 | 27.1 | 6.09 | 9.7 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 19:35 | 19.7 | 7.6 | 27.0 | 6.11 | 9.8 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 1 | 19:35 | 19.7 | 7.5 | 27.2 | 6.24 | 9.6 | 8.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 2 | 19:35 | 19.8 | 7.5 | 27.2 | 6.26 | 9.7 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 1 | 19:35 | 19.8 | 7.5 | 27.3 | 6.06 | 9.2 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 2 | 19:35 | 19.8 | 7.5 | 27.4 | 6.01 | 9.3 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 20:05 | 19.5 | 7.2 | 27.0 | 6.12 | 7.6 | 7.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 20:05 | 19.4 | 7.2 | 27.1 | 6.14 | 7.7 | 7.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 20:05 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 20:05 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 20:05 | 19.6 | 7.5 | 27.2 | 6.59 | 7.3 | 11.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 20:05 | 19.7 | 7.5 | 27.2 | 6.51 | 7.3 | 11.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 20:40 | 19.6 | 7.3 | 27.0 | 6.42 | 7.9 | 8.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 20:40 | 19.6 | 7.3 | 26.9 | 6.40 | 7.9 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Middle | 5.9 | 2 | 1 | 20:40 | 19.7 | 7.4 | 27.1 | 6.24 | 9.1 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Middle | 5.9 | 2 | 2 | 20:40 | 19.7 | 7.4 | 27.1 | 6.26 | 9.2 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Bottom | 10.8 | 3 | 1 | 20:40 | 19.8 | 7.5 | 27.2 | 6.10 | 9.6 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Bottom | 10.8 | 3 | 2 | 20:40 | 19.7 | 7.6 | 27.2 | 6.14 | 9.6 | 9.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 12:24 | 19.6 | 7.4 | 27.1 | 6.36 | 7.6 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 12:24 | 19.5 | 7.4 | 27.0 | 6.38 | 7.7 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)3 | Middle | 5.8 | 2 | 1 | 12:24 | 19.7 | 7.4 | 27.2 | 6.22 | 9.0 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)3 | Middle | 5.8 | 2 | 2 | 12:24 | 19.8 | 7.4 | 27.3 | 6.20 | 9.1 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)3 | Bottom | 10.8 | 3 | 1 | 12:24 | 19.9 | 7.2 | 27.5 | 6.04 | 9.5 | 10.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)3 | Bottom | 10.8 | 3 | 2 | 12:24 | 19.8 | 7.2 | 27.4 | 6.02 | 9.5 | 10.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Surface | 1.0 | 1 | 1 | 14:54 | 19.5 | 7.4 | 27.1 | 6.11 | 7.4 | 8.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4a | Surface | 1.0 | 1 | 2 | 14:54 | 19.5 | 7.5 | 27.0 | 6.13 | 7.5 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4a | Middle | | 2 | 1 | 14:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4a | Middle | | 2 | 2 | 14:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4a | Bottom | 3.4 | 3 | 1 | 14:54 | 19.6 | 7.7 | 27.3 | 6.04 | 7.8 | 9.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4a | Bottom | 3.4 | 3 | 2 | 14:54 | 19.7 | 7.7 | 27.2 | 6.02 | 7.8 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Surface | 1.0 | 1 | 1 | 14:24 | 19.4 | 7.3 | 27.0 | 6.15 | 7.9 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Surface | 1.0 | 1 | 2 | 14:24 | 19.5 | 7.3 | 27.1 | 6.17 | 7.9 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Middle | | 2 | 1 | 14:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Middle | | 2 | 2 | 14:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Bottom | 3.6 | 3 | 1 | 14:24 | 19.6 | 7.3 | 27.2 | 5.91 | 7.0 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | SR4 | Bottom | 3.6 | 3 | 2 | 14:24 | 19.7 | 7.4 | 27.3 | 5.89 | 7.0 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS8 | Surface | 1.0 | 1 | 1 | 13:54 | 19.5 | 7.5 | 27.1 | 6.09 | 8.1 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS8 | Surface | 1.0 | 1 | 2 | 13:54 | 19.5 | 7.5 | 27.1 | 6.11 | 8.1 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS8 | Middle | | 2 | 1 | 13:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS8 | Middle | | 2 | 2 | 13:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS8 | Bottom | 4.6 | 3 | 1 | 13:54 | 19.6 | 7.3 | 27.3 | 5.94 | 6.6 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS8 | Bottom | 4.6 | 3 | 2 | 13:54 | 19.6 | 7.3 | 27.2 | 5.96 | 6.6 | 9.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 13:24 | 19.5 | 7.6 | 27.1 | 5.94 | 9.6 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 13:24 | 19.6 | 7.6 | 27.0 | 5.96 | 9.6 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)16 | Middle | 3.8 | 2 | 1 | 13:24 | 19.7 | 7.5 | 27.3 | 6.17 | 9.4 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)16 | Middle | 3.8 | 2 | 2 | 13:24 | 19.8 | 7.5 | 27.2 | 6.19 | 9.4 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)16 | Bottom | 6.5 | 3 | 1 | 13:24 | 19.8 | 7.4 | 27.5 | 6.03 | 9.0 | 10.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)16 | Bottom | 6.5 | 3 | 2 | 13:24 | 19.8 | 7.4 | 27.5 | 6.01 | 9.0 | 11.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 12:59 | 19.5 | 7.3 | 27.1 | 6.04 | 7.5 | 7.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 12:59 | 19.5 | 7.3 | 27.2 | 6.06 | 7.5 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)9 | Middle | | 2 | 1 | 12:59 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)9 | Middle | | 2 | 2 | 12:59 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)9 | Bottom | 3.5 | 3 | 1 | 12:59 | 19.7 | 7.5 | 27.3 | 6.43 | 7.2 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | IS(Mf)9 | Bottom | 3.5 | 3 | 2 | 12:59 | 19.6 | 7.5 | 27.3 | 6.45 | 7.2 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-19 | Mid-Ebb | Fine | Calm | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 15:35 | 19.5 | 7.4 | 27.0 | 6.16 | 8.9 | 8.3 |
| TM-CLK Southern | HY/2012/07 | | | | | | | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|-----------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 08:15 | 18.6 | 7.3 | 27.2 | 6.27 | 7.5 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 08:15 | 18.6 | 7.3 | 27.3 | 6.30 | 7.4 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 4.9 | 2 | 1 | 08:15 | 18.7 | 7.3 | 27.4 | 6.44 | 7.6 | 10.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 4.9 | 2 | 2 | 08:15 | 18.7 | 7.3 | 27.4 | 6.48 | 7.7 | 10.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 8.8 | 3 | 1 | 08:15 | 18.8 | 7.4 | 27.4 | 6.51 | 7.8 | 12.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 8.8 | 3 | 2 | 08:15 | 18.9 | 7.4 | 27.5 | 6.57 | 7.9 | 12.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 08:48 | 18.6 | 7.4 | 27.3 | 6.41 | 7.7 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 08:48 | 18.7 | 7.4 | 27.3 | 6.43 | 7.8 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 08:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 08:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 08:48 | 18.8 | 7.5 | 27.5 | 6.32 | 7.4 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 08:48 | 18.8 | 7.5 | 27.5 | 6.38 | 7.5 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 09:18 | 18.6 | 7.7 | 27.2 | 6.23 | 8.1 | 6.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 09:18 | 18.6 | 7.7 | 27.3 | 6.27 | 8.2 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 09:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 09:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 1 | 09:18 | 18.8 | 7.6 | 27.4 | 6.36 | 7.9 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 2 | 09:18 | 18.9 | 7.6 | 27.4 | 6.34 | 7.9 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 09:48 | 18.6 | 7.5 | 27.4 | 6.41 | 8.4 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 09:48 | 18.7 | 7.6 | 27.3 | 6.43 | 8.5 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 09:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 09:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 09:48 | 18.9 | 7.6 | 27.4 | 6.27 | 8.2 | 6.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 09:48 | 18.9 | 7.6 | 27.5 | 6.29 | 8.4 | 6.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 10:18 | 18.7 | 7.4 | 27.3 | 6.50 | 8.5 | 9.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 10:18 | 18.6 | 7.4 | 27.4 | 6.54 | 8.6 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 1 | 10:18 | 18.8 | 7.4 | 27.6 | 6.07 | 8.2 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 2 | 10:18 | 18.8 | 7.4 | 27.5 | 6.03 | 8.2 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 1 | 10:18 | 18.9 | 7.7 | 27.5 | 6.19 | 8.7 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 2 | 10:18 | 18.8 | 7.8 | 27.5 | 6.21 | 8.7 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 10:48 | 18.7 | 7.5 | 27.2 | 6.27 | 7.9 | 6.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 10:48 | 18.7 | 7.5 | 27.2 | 6.23 | 7.9 | 6.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 10:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 10:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 10:48 | 18.9 | 7.6 | 27.4 | 6.38 | 8.2 | 7.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 10:48 | 18.8 | 7.6 | 27.5 | 6.40 | 8.3 | 6.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 11:20 | 18.7 | 7.5 | 27.3 | 6.17 | 7.4 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 11:20 | 18.8 | 7.5 | 27.2 | 6.19 | 7.5 | 9.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 5.9 | 2 | 1 | 11:20 | 18.8 | 7.4 | 27.3 | 6.28 | 8.0 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 5.9 | 2 | 2 | 11:20 | 18.8 | 7.4 | 27.4 | 6.30 | 8.1 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 10.8 | 3 | 1 | 11:20 | 18.8 | 7.5 | 27.5 | 6.08 | 8.4 | 8.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 10.8 | 3 | 2 | 11:20 | 18.9 | 7.5 | 27.6 | 6.02 | 8.5 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 13:28 | 18.6 | 7.5 | 27.2 | 6.23 | 8.5 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 13:28 | 18.7 | 7.4 | 27.3 | 6.27 | 8.4 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 5.8 | 2 | 1 | 13:28 | 18.5 | 7.4 | 27.4 | 6.36 | 8.1 | 10.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 5.8 | 2 | 2 | 13:28 | 18.6 | 7.4 | 27.5 | 6.40 | 8.0 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 10.6 | 3 | 1 | 13:28 | 18.8 | 7.7 | 27.6 | 6.14 | 7.7 | 10.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 10.6 | 3 | 2 | 13:28 | 18.9 | 7.7 | 27.6 | 6.13 | 7.8 | 9.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 16:03 | 18.8 | 7.4 | 27.1 | 6.42 | 7.7 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 16:03 | 18.8 | 7.4 | 27.1 | 6.40 | 7.7 | 7.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 16:03 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 16:03 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.4 | 3 | 1 | 16:03 | 18.9 | 7.5 | 27.2 | 6.35 | 8.1 | 7.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.4 | 3 | 2 | 16:03 | 18.9 | 7.5 | 27.3 | 6.37 | 8.2 | 9.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 15:32 | 18.7 | 7.6 | 27.2 | 6.43 | 8.1 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 15:32 | 18.6 | 7.6 | 27.3 | 6.47 | 8.1 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 15:32 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 15:32 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.4 | 3 | 1 | 15:32 | 18.9 | 7.6 | 27.4 | 6.28 | 7.9 | 8.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.4 | 3 | 2 | 15:32 | 18.9 | 7.7 | 27.4 | 6.30 | 7.9 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 15:02 | 18.6 | 7.5 | 27.3 | 6.29 | 7.4 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 15:02 | 18.5 | 7.5 | 27.2 | 6.21 | 7.6 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 15:02 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 15:02 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.2 | 3 | 1 | 15:02 | 18.8 | 7.5 | 27.5 | 6.39 | 7.7 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.2 | 3 | 2 | 15:02 | 18.8 | 7.6 | 27.4 | 6.31 | 7.9 | 7.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 14:32 | 18.5 | 7.4 | 27.2 | 6.18 | 7.6 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 14:32 | 18.5 | 7.4 | 27.3 | 6.20 | 7.6 | 8.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.6 | 2 | 1 | 14:32 | 18.6 | 7.5 | 27.4 | 6.20 | 7.9 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.6 | 2 | 2 | 14:32 | 18.6 | 7.5 | 27.4 | 6.22 | 8.1 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.2 | 3 | 1 | 14:32 | 18.9 | 7.6 | 27.5 | 6.24 | 7.9 | 10.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.2 | 3 | 2 | 14:32 | 18.8 | 7.7 | 27.4 | 6.20 | 8.0 | 10.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 14:01 | 18.8 | 7.6 | 27.3 | 6.13 | 8.8 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 14:01 | 18.7 | 7.6 | 27.3 | 6.17 | 9.4 | 6.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 14:01 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 14:01 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 1 | 14:01 | 18.6 | 7.5 | 27.5 | 6.38 | 8.5 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 2 | 14:01 | 18.7 | 7.6 | 27.6 | 6.32 | 8.6 | 8.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-21 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)5 | Surface</ | | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 10:08 | 17.3 | 7.9 | 27.6 | 6.73 | 7.3 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 10:08 | 17.4 | 7.8 | 27.5 | 6.72 | 7.4 | 5.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)5 | Middle | 4.8 | 2 | 1 | 10:08 | 17.2 | 7.9 | 27.7 | 6.60 | 7.8 | 5.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)5 | Middle | 4.8 | 2 | 2 | 10:08 | 17.2 | 7.9 | 27.8 | 6.62 | 7.7 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)5 | Bottom | 8.6 | 3 | 1 | 10:08 | 17.2 | 8.0 | 27.8 | 6.54 | 8.0 | 10.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)5 | Bottom | 8.6 | 3 | 2 | 10:08 | 17.3 | 7.9 | 27.8 | 6.50 | 7.8 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4a | Surface | 1.0 | 1 | 1 | 10:43 | 17.3 | 8.0 | 27.6 | 6.62 | 11.4 | 11.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4a | Surface | 1.0 | 1 | 2 | 10:43 | 17.3 | 8.0 | 27.6 | 6.63 | 13.2 | 13.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4a | Middle | | 2 | 1 | 10:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4a | Middle | | 2 | 2 | 10:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4a | Bottom | 2.8 | 3 | 1 | 10:43 | 17.2 | 8.0 | 27.6 | 6.67 | 19.5 | 22.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4a | Bottom | 2.8 | 3 | 2 | 10:43 | 17.3 | 8.0 | 27.6 | 6.65 | 16.7 | 21.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4 | Surface | 1.0 | 1 | 1 | 11:13 | 17.3 | 7.2 | 27.5 | 6.99 | 12.7 | 12.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4 | Surface | 1.0 | 1 | 2 | 11:13 | 17.3 | 7.2 | 27.5 | 6.85 | 18.5 | 12.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4 | Middle | | 2 | 1 | 11:13 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4 | Middle | | 2 | 2 | 11:13 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4 | Bottom | 3.1 | 3 | 1 | 11:13 | 17.3 | 7.2 | 27.5 | 6.80 | 10.8 | 14.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | SR4 | Bottom | 3.1 | 3 | 2 | 11:13 | 17.3 | 7.2 | 27.5 | 6.81 | 16.8 | 13.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS8 | Surface | 1.0 | 1 | 1 | 11:43 | 17.2 | 7.5 | 27.5 | 6.80 | 11.4 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS8 | Surface | 1.0 | 1 | 2 | 11:43 | 17.3 | 7.5 | 27.6 | 6.84 | 11.6 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS8 | Middle | | 2 | 1 | 11:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS8 | Middle | | 2 | 2 | 11:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS8 | Bottom | 3.4 | 3 | 1 | 11:43 | 17.3 | 7.7 | 27.7 | 6.73 | 12.6 | 10.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS8 | Bottom | 3.4 | 3 | 2 | 11:43 | 17.2 | 7.7 | 27.6 | 6.72 | 12.9 | 11.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 12:13 | 17.3 | 7.8 | 27.6 | 6.72 | 10.8 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 12:13 | 17.3 | 7.8 | 27.6 | 6.74 | 10.2 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)16 | Middle | 3.4 | 2 | 1 | 12:13 | 17.3 | 7.8 | 27.8 | 6.40 | 8.7 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)16 | Middle | 3.4 | 2 | 2 | 12:13 | 17.2 | 7.8 | 27.7 | 6.48 | 8.8 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)16 | Bottom | 5.8 | 3 | 1 | 12:13 | 17.2 | 8.0 | 27.8 | 6.59 | 8.5 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)16 | Bottom | 5.8 | 3 | 2 | 12:13 | 17.2 | 8.0 | 27.8 | 6.61 | 8.7 | 4.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 12:43 | 17.3 | 7.8 | 27.3 | 6.67 | 11.7 | 8.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 12:43 | 17.3 | 7.8 | 27.4 | 6.63 | 11.9 | 9.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)9 | Middle | | 2 | 1 | 12:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)9 | Middle | | 2 | 2 | 12:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 12:43 | 17.2 | 7.9 | 27.8 | 6.50 | 9.4 | 9.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 12:43 | 17.2 | 7.9 | 27.7 | 6.48 | 9.1 | 8.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 13:18 | 17.4 | 7.6 | 27.4 | 6.78 | 8.7 | 7.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 13:18 | 17.3 | 7.6 | 27.5 | 6.79 | 8.6 | 6.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)3 | Middle | 4.4 | 2 | 1 | 13:18 | 17.3 | 7.5 | 27.6 | 6.55 | 7.3 | 6.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)3 | Middle | 4.4 | 2 | 2 | 13:18 | 17.3 | 7.6 | 27.6 | 6.51 | 7.2 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)3 | Bottom | 7.8 | 3 | 1 | 13:18 | 17.2 | 7.7 | 27.7 | 6.39 | 8.4 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Flood | Fine | Calm | CS(Mf)3 | Bottom | 7.8 | 3 | 2 | 13:18 | 17.2 | 7.7 | 27.7 | 6.31 | 8.6 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 15:48 | 17.3 | 7.7 | 27.6 | 6.54 | 9.0 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 15:48 | 17.4 | 7.7 | 27.5 | 6.56 | 8.8 | 6.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Middle | 4.3 | 2 | 1 | 15:48 | 17.3 | 7.8 | 27.8 | 6.81 | 7.4 | 5.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Middle | 4.3 | 2 | 2 | 15:48 | 17.3 | 7.9 | 27.8 | 6.83 | 7.2 | 6.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Bottom | 7.6 | 3 | 1 | 15:48 | 17.3 | 7.8 | 27.9 | 6.36 | 7.7 | 5.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Bottom | 7.6 | 3 | 2 | 15:48 | 17.2 | 7.8 | 27.8 | 6.34 | 7.7 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 18:15 | 17.4 | 7.7 | 27.5 | 6.47 | 12.3 | 8.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 18:15 | 17.4 | 7.7 | 27.6 | 6.43 | 12.7 | 9.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4a | Middle | | 2 | 1 | 18:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4a | Middle | | 2 | 2 | 18:15 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 18:15 | 17.2 | 7.7 | 27.8 | 6.74 | 13.6 | 10.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 18:15 | 17.3 | 7.7 | 27.8 | 6.71 | 13.9 | 11.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 17:48 | 17.3 | 7.3 | 27.7 | 6.32 | 13.2 | 10.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 17:48 | 17.3 | 7.3 | 27.6 | 6.38 | 13.0 | 9.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4 | Middle | | 2 | 1 | 17:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4 | Middle | | 2 | 2 | 17:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4 | Bottom | 3.4 | 3 | 1 | 17:48 | 17.2 | 7.3 | 27.8 | 6.70 | 14.9 | 10.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | SR4 | Bottom | 3.4 | 3 | 2 | 17:48 | 17.2 | 7.4 | 27.7 | 6.68 | 14.1 | 11.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 17:23 | 17.3 | 7.7 | 27.5 | 6.49 | 10.3 | 9.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 17:23 | 17.3 | 7.6 | 27.6 | 6.51 | 10.1 | 8.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS8 | Middle | | 2 | 1 | 17:23 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS8 | Middle | | 2 | 2 | 17:23 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS8 | Bottom | 3.6 | 3 | 1 | 17:23 | 17.2 | 7.8 | 27.7 | 6.50 | 12.4 | 8.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS8 | Bottom | 3.6 | 3 | 2 | 17:23 | 17.2 | 7.7 | 27.7 | 6.54 | 12.9 | 9.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 16:53 | 17.3 | 7.8 | 27.6 | 6.70 | 6.3 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 16:53 | 17.4 | 7.8 | 27.6 | 6.68 | 6.5 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Middle | 3.5 | 2 | 1 | 16:53 | 17.3 | 7.8 | 27.7 | 6.57 | 7.3 | 4.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Middle | 3.5 | 2 | 2 | 16:53 | 17.3 | 7.8 | 27.6 | 6.53 | 7.5 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Bottom | 6.0 | 3 | 1 | 16:53 | 17.2 | 7.8 | 27.7 | 6.42 | 6.9 | 4.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Bottom | 6.0 | 3 | 2 | 16:53 | 17.2 | 7.9 | 27.7 | 6.48 | 7.0 | 4.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 16:23 | 17.4 | 7.8 | 27.6 | 6.74 | 13.6 | 9.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 16:23 | 17.4 | 7.8 | 27.5 | 6.76 | 13.0 | 10.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 16:23 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 16:23 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 1 | 16:23 | 17.2 | 7.9 | 27.7 | 6.42 | 14.0 | 14.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 2 | 16:23 | 17.3 | 7.9 | 27.6 | 6.41 | 13.2 | 12.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-24 | Mid-Ebb | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 18:48 | 17.3 | 7.4 | 27.4 | 6.52 | 7.7 | 6.7 |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 11:40 | 19.1 | 7.4 | 27.2 | 6.39 | 5.0 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 11:40 | 19.1 | 7.3 | 27.1 | 6.41 | 5.0 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Middle | 4.9 | 2 | 1 | 11:40 | 19.2 | 7.4 | 27.3 | 6.37 | 5.4 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Middle | 4.9 | 2 | 2 | 11:40 | 19.3 | 7.4 | 27.4 | 6.35 | 5.4 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Bottom | 8.7 | 3 | 1 | 11:40 | 19.4 | 7.5 | 27.6 | 6.59 | 5.3 | 4.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)5 | Bottom | 8.7 | 3 | 2 | 11:40 | 19.4 | 7.5 | 27.5 | 6.61 | 5.3 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 12:13 | 19.0 | 7.3 | 27.1 | 6.42 | 4.2 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 12:13 | 19.1 | 7.3 | 27.1 | 6.43 | 4.1 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Middle | | 2 | 1 | 12:13 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Middle | | 2 | 2 | 12:13 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Bottom | 3.6 | 3 | 1 | 12:13 | 19.2 | 7.5 | 27.3 | 6.35 | 5.7 | 4.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Bottom | 3.6 | 3 | 2 | 12:13 | 19.1 | 7.5 | 27.4 | 6.36 | 5.7 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 12:43 | 19.1 | 7.5 | 27.0 | 6.16 | 3.9 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 12:43 | 19.1 | 7.6 | 27.1 | 6.15 | 3.9 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4 | Middle | | 2 | 1 | 12:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4 | Middle | | 2 | 2 | 12:43 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4 | Bottom | 3.7 | 3 | 1 | 12:43 | 19.2 | 7.4 | 27.3 | 6.27 | 5.6 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | SR4 | Bottom | 3.7 | 3 | 2 | 12:43 | 19.3 | 7.4 | 27.4 | 6.25 | 5.6 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 13:13 | 19.1 | 7.4 | 27.1 | 6.45 | 4.0 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 13:13 | 19.2 | 7.4 | 27.2 | 6.43 | 4.0 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS8 | Middle | | 2 | 1 | 13:13 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS8 | Middle | | 2 | 2 | 13:13 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS8 | Bottom | 4.7 | 3 | 1 | 13:13 | 19.2 | 7.5 | 27.4 | 6.35 | 5.3 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS8 | Bottom | 4.7 | 3 | 2 | 13:13 | 19.1 | 7.5 | 27.4 | 6.34 | 5.3 | 4.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 13:50 | 19.2 | 7.4 | 27.0 | 6.65 | 5.1 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 13:50 | 19.1 | 7.4 | 27.1 | 6.63 | 5.1 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 1 | 13:50 | 19.2 | 7.6 | 27.3 | 6.14 | 4.7 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 2 | 13:50 | 19.3 | 7.6 | 27.2 | 6.17 | 4.7 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 1 | 13:50 | 19.4 | 7.7 | 27.4 | 6.19 | 6.0 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 2 | 13:50 | 19.3 | 7.7 | 27.5 | 6.21 | 5.9 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 14:20 | 19.0 | 7.4 | 27.0 | 6.39 | 4.2 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 14:20 | 19.1 | 7.4 | 27.1 | 6.41 | 4.2 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 14:20 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 14:20 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Bottom | 4.0 | 3 | 1 | 14:20 | 19.2 | 7.6 | 27.3 | 6.47 | 5.4 | 4.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | IS(Mf)9 | Bottom | 4.0 | 3 | 2 | 14:20 | 19.1 | 7.6 | 27.2 | 6.50 | 5.4 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 14:50 | 19.0 | 7.4 | 27.0 | 6.23 | 5.7 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 14:50 | 19.1 | 7.5 | 27.2 | 6.24 | 5.7 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Middle | 6.0 | 2 | 1 | 14:50 | 19.2 | 7.5 | 27.3 | 6.37 | 5.2 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Middle | 6.0 | 2 | 2 | 14:50 | 19.2 | 7.5 | 27.4 | 6.38 | 5.2 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Bottom | 10.9 | 3 | 1 | 14:50 | 19.3 | 7.6 | 27.5 | 6.21 | 5.4 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Flood | Fine | Small Wave | CS(Mf)3 | Bottom | 10.9 | 3 | 2 | 14:50 | 19.4 | 7.6 | 27.6 | 6.20 | 5.4 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 18:13 | 19.0 | 7.4 | 27.0 | 6.11 | 5.8 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 18:13 | 19.1 | 7.4 | 27.1 | 6.09 | 5.8 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Middle | 5.8 | 2 | 1 | 18:13 | 19.2 | 7.5 | 27.2 | 6.22 | 5.4 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Middle | 5.8 | 2 | 2 | 18:13 | 19.3 | 7.5 | 27.3 | 6.24 | 5.4 | 4.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Bottom | 10.0 | 3 | 1 | 18:13 | 19.4 | 7.4 | 27.4 | 6.02 | 5.5 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)3 | Bottom | 10.0 | 3 | 2 | 18:13 | 19.5 | 7.4 | 27.5 | 6.00 | 5.5 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 20:50 | 19.1 | 7.3 | 27.1 | 6.34 | 4.3 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 20:50 | 19.1 | 7.4 | 27.2 | 6.37 | 4.3 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4a | Middle | | 2 | 1 | 20:50 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4a | Middle | | 2 | 2 | 20:50 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4a | Bottom | 3.5 | 3 | 1 | 20:50 | 19.2 | 7.4 | 27.3 | 6.24 | 5.8 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4a | Bottom | 3.5 | 3 | 2 | 20:50 | 19.3 | 7.4 | 27.3 | 6.26 | 5.8 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 20:19 | 19.2 | 7.5 | 27.2 | 6.14 | 4.0 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 20:19 | 19.1 | 7.6 | 27.1 | 6.16 | 4.0 | 3.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4 | Middle | | 2 | 1 | 20:19 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4 | Middle | | 2 | 2 | 20:19 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4 | Bottom | 3.5 | 3 | 1 | 20:19 | 19.3 | 7.6 | 27.3 | 6.32 | 5.9 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | SR4 | Bottom | 3.5 | 3 | 2 | 20:19 | 19.3 | 7.6 | 27.4 | 6.34 | 5.9 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 19:48 | 19.1 | 7.4 | 27.2 | 6.34 | 4.1 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 19:48 | 19.1 | 7.5 | 27.2 | 6.31 | 4.2 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS8 | Middle | | 2 | 1 | 19:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS8 | Middle | | 2 | 2 | 19:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS8 | Bottom | 4.6 | 3 | 1 | 19:48 | 19.2 | 7.5 | 27.3 | 6.22 | 5.5 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS8 | Bottom | 4.6 | 3 | 2 | 19:48 | 19.3 | 7.6 | 27.4 | 6.20 | 5.5 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 19:17 | 19.0 | 7.4 | 27.0 | 6.44 | 5.2 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 19:17 | 19.1 | 7.4 | 27.1 | 6.43 | 5.2 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Middle | 3.8 | 2 | 1 | 19:17 | 19.2 | 7.4 | 27.2 | 6.02 | 4.8 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Middle | 3.8 | 2 | 2 | 19:17 | 19.3 | 7.4 | 27.3 | 6.01 | 4.9 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Bottom | 6.5 | 3 | 1 | 19:17 | 19.4 | 7.5 | 27.4 | 6.11 | 6.1 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)16 | Bottom | 6.5 | 3 | 2 | 19:17 | 19.5 | 7.5 | 27.5 | 6.14 | 6.1 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 18:46 | 19.0 | 7.5 | 27.0 | 6.17 | 4.4 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 18:46 | 19.1 | 7.5 | 27.0 | 6.19 | 4.5 | 3.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 18:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 18:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 1 | 18:46 | 19.2 | 7.5 | 27.2 | 6.32 | 5.4 | 4.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 2 | 18:46 | 19.2 | 7.5 | 27.3 | 6.35 | 5.4 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-26 | Mid-Ebb | Fine | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 21:20 | 19.0 | 7.3 | 27.1 | 6.22 | 5.2 | 2.6 |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 13:14 | 19.2 | 7.4 | 27.2 | 6.43 | 3.6 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 13:14 | 19.2 | 7.4 | 27.2 | 6.45 | 3.8 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 4.8 | 2 | 1 | 13:14 | 19.3 | 7.4 | 27.4 | 6.41 | 3.6 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 4.8 | 2 | 2 | 13:14 | 19.2 | 7.4 | 27.3 | 6.39 | 3.5 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 8.6 | 3 | 1 | 13:14 | 19.4 | 7.5 | 27.4 | 6.63 | 4.2 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 8.6 | 3 | 2 | 13:14 | 19.5 | 7.5 | 27.5 | 6.65 | 4.3 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 13:54 | 19.1 | 7.3 | 27.2 | 6.48 | 3.6 | 4.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 13:54 | 19.2 | 7.3 | 27.1 | 6.46 | 3.6 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 13:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 13:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 1 | 13:54 | 19.4 | 7.5 | 27.4 | 6.39 | 3.5 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 3.8 | 3 | 2 | 13:54 | 19.3 | 7.6 | 27.4 | 6.41 | 3.5 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 14:24 | 19.2 | 7.6 | 27.3 | 6.34 | 3.3 | 4.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 14:24 | 19.2 | 7.6 | 27.2 | 6.32 | 3.5 | 3.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 14:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 14:24 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 1 | 14:24 | 19.4 | 7.4 | 27.4 | 6.45 | 3.5 | 5.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 3.8 | 3 | 2 | 14:24 | 19.5 | 7.5 | 27.4 | 6.43 | 3.6 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 14:54 | 19.2 | 7.4 | 27.2 | 6.49 | 3.5 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 14:54 | 19.3 | 7.4 | 27.3 | 6.47 | 3.7 | 3.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 14:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 14:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 14:54 | 19.3 | 7.5 | 27.5 | 6.39 | 4.3 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 14:54 | 19.4 | 7.5 | 27.4 | 6.38 | 4.4 | 4.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 15:24 | 19.2 | 7.4 | 27.2 | 6.69 | 3.9 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 15:24 | 19.1 | 7.5 | 27.2 | 6.71 | 4.0 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.1 | 2 | 1 | 15:24 | 19.4 | 7.6 | 27.3 | 6.18 | 3.0 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.1 | 2 | 2 | 15:24 | 19.3 | 7.6 | 27.4 | 6.21 | 3.1 | 2.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 7.2 | 3 | 1 | 15:24 | 19.4 | 7.7 | 27.4 | 6.23 | 4.3 | 3.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 7.2 | 3 | 2 | 15:24 | 19.5 | 7.7 | 27.3 | 6.25 | 4.2 | 3.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 15:54 | 19.1 | 7.4 | 27.2 | 6.43 | 3.7 | 4.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 15:54 | 19.1 | 7.4 | 27.3 | 6.45 | 3.8 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 15:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 15:54 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 1 | 15:54 | 19.3 | 7.6 | 27.4 | 6.51 | 3.4 | 4.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 2 | 15:54 | 19.2 | 7.6 | 27.3 | 6.54 | 3.2 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 16:24 | 19.1 | 7.4 | 27.2 | 6.27 | 3.9 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 16:24 | 19.0 | 7.5 | 27.3 | 6.28 | 4.0 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.4 | 2 | 1 | 16:24 | 19.3 | 7.5 | 27.4 | 6.41 | 3.6 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.4 | 2 | 2 | 16:24 | 19.2 | 7.5 | 27.3 | 6.42 | 3.6 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.8 | 3 | 1 | 16:24 | 19.4 | 7.4 | 27.6 | 6.25 | 4.6 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.8 | 3 | 2 | 16:24 | 19.4 | 7.4 | 27.5 | 6.23 | 4.7 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 07:16 | 18.9 | 7.4 | 27.1 | 6.18 | 4.0 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 07:16 | 19.0 | 7.4 | 27.2 | 6.19 | 4.1 | 4.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.2 | 2 | 1 | 07:16 | 19.1 | 7.4 | 27.3 | 6.32 | 3.7 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.2 | 2 | 2 | 07:16 | 19.1 | 7.5 | 27.2 | 6.33 | 3.7 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.4 | 3 | 1 | 07:16 | 19.3 | 7.4 | 27.4 | 6.16 | 4.7 | 3.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.4 | 3 | 2 | 07:16 | 19.2 | 7.3 | 27.5 | 6.14 | 4.8 | 4.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 09:46 | 19.0 | 7.2 | 27.0 | 6.39 | 3.6 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 09:46 | 19.0 | 7.2 | 27.1 | 6.37 | 3.7 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 09:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 09:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.4 | 3 | 1 | 09:46 | 19.2 | 7.5 | 27.3 | 6.30 | 3.5 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.4 | 3 | 2 | 09:46 | 19.1 | 7.5 | 27.3 | 6.31 | 3.6 | 5.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 09:16 | 19.0 | 7.5 | 27.1 | 6.25 | 3.4 | 4.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 09:16 | 18.9 | 7.5 | 27.2 | 6.23 | 3.6 | 3.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 09:16 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 09:16 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.6 | 3 | 1 | 09:16 | 19.2 | 7.3 | 27.3 | 6.36 | 3.6 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.6 | 3 | 2 | 09:16 | 19.3 | 7.4 | 27.2 | 6.34 | 3.7 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 08:46 | 19.0 | 7.3 | 27.2 | 6.40 | 3.6 | 3.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 08:46 | 19.1 | 7.3 | 27.1 | 6.38 | 3.7 | 3.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 08:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 08:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.4 | 3 | 1 | 08:46 | 19.2 | 7.5 | 27.3 | 6.30 | 4.4 | 5.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.4 | 3 | 2 | 08:46 | 19.3 | 7.5 | 27.4 | 6.29 | 4.5 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 08:16 | 19.1 | 7.4 | 27.1 | 6.60 | 4.0 | 2.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 08:16 | 19.0 | 7.4 | 27.0 | 6.62 | 4.1 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.8 | 2 | 1 | 08:16 | 19.1 | 7.5 | 27.2 | 6.09 | 3.1 | 3.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.8 | 2 | 2 | 08:16 | 19.2 | 7.6 | 27.1 | 6.12 | 3.2 | 2.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.6 | 3 | 1 | 08:16 | 19.4 | 7.6 | 27.3 | 6.14 | 4.4 | 5.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.6 | 3 | 2 | 08:16 | 19.4 | 7.6 | 27.2 | 6.16 | 4.2 | 5.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 07:46 | 18.9 | 7.4 | 27.1 | 6.34 | 3.8 | 5.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 07:46 | 19.0 | 7.4 | 27.2 | 6.36 | 3.9 | 5.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 07:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 07:46 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 1 | 07:46 | 19.2 | 7.6 | 27.4 | 6.42 | 3.5 | 4.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.6 | 3 | 2 | 07:46 | 19.1 | 7.6 | 27.3 | 6.45 | 3.3 | 4.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-28 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | | | | | | | | | |

Appendix J Water Quality Monitoring Results

| Project | Works | Date (yyyy-mm-dd) | Tide | Weather | Sea Condition | Stat | Level | Water Depth | Lev_Cod | Replicate | Time | Temp(°C) | pH | Salinity(ppt) | DO(mg/L) | Turbidity(NTU) | SS(mg/L) |
|-----------------|------------|-------------------|-----------|---------|---------------|----------|---------|-------------|---------|-----------|-------|----------|-----|---------------|----------|----------------|----------|
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 1 | 15:38 | 19.2 | 7.5 | 27.1 | 6.55 | 7.9 | 6.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Surface | 1.0 | 1 | 2 | 15:38 | 19.1 | 7.5 | 27.2 | 6.57 | 7.9 | 7.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.2 | 2 | 1 | 15:38 | 19.4 | 7.5 | 27.3 | 6.53 | 6.6 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Middle | 5.2 | 2 | 2 | 15:38 | 19.3 | 7.5 | 27.2 | 6.51 | 6.6 | 5.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 9.4 | 3 | 1 | 15:38 | 19.4 | 7.6 | 27.4 | 6.75 | 6.6 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)5 | Bottom | 9.4 | 3 | 2 | 15:38 | 19.5 | 7.6 | 27.4 | 6.77 | 6.5 | 6.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 16:18 | 19.1 | 7.4 | 27.1 | 6.60 | 5.0 | 6.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 16:18 | 19.1 | 7.4 | 27.2 | 6.58 | 5.1 | 5.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 16:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 16:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 4.2 | 3 | 1 | 16:18 | 19.2 | 7.6 | 27.3 | 6.51 | 5.0 | 10.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4a | Bottom | 4.2 | 3 | 2 | 16:18 | 19.1 | 7.7 | 27.4 | 6.52 | 5.0 | 11.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 16:48 | 19.0 | 7.7 | 27.1 | 6.46 | 6.5 | 7.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 16:48 | 18.9 | 7.7 | 27.2 | 6.44 | 6.6 | 5.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 16:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 16:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 4.0 | 3 | 1 | 16:48 | 19.1 | 7.5 | 27.3 | 6.57 | 8.9 | 12.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | SR4 | Bottom | 4.0 | 3 | 2 | 16:48 | 19.2 | 7.6 | 27.2 | 6.55 | 8.0 | 12.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 17:18 | 19.1 | 7.5 | 27.2 | 6.61 | 7.3 | 6.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 17:18 | 19.1 | 7.5 | 27.1 | 6.59 | 7.4 | 7.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 17:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 17:18 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 1 | 17:18 | 19.3 | 7.6 | 27.3 | 6.51 | 12.1 | 12.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS8 | Bottom | 4.8 | 3 | 2 | 17:18 | 19.2 | 7.6 | 27.4 | 6.50 | 12.5 | 12.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 17:48 | 19.1 | 7.5 | 27.1 | 6.81 | 7.2 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 17:48 | 19.0 | 7.6 | 27.0 | 6.83 | 7.2 | 6.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.1 | 2 | 1 | 17:48 | 19.1 | 7.7 | 27.3 | 6.30 | 7.6 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Middle | 4.1 | 2 | 2 | 17:48 | 19.2 | 7.7 | 27.2 | 6.33 | 7.6 | 7.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 7.2 | 3 | 1 | 17:48 | 19.3 | 7.8 | 27.3 | 6.35 | 9.6 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)16 | Bottom | 7.2 | 3 | 2 | 17:48 | 19.4 | 7.8 | 27.4 | 6.37 | 9.4 | 7.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 18:48 | 19.0 | 7.5 | 27.1 | 6.55 | 6.7 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 18:48 | 18.9 | 7.5 | 27.1 | 6.57 | 6.7 | 5.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 18:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 18:48 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 1 | 18:48 | 19.2 | 7.7 | 27.2 | 6.63 | 9.9 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | IS(Mf)9 | Bottom | 4.2 | 3 | 2 | 18:48 | 19.1 | 7.7 | 27.1 | 6.66 | 9.9 | 9.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 18:18 | 19.0 | 7.5 | 27.1 | 6.39 | 7.3 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 18:18 | 19.0 | 7.6 | 27.0 | 6.40 | 7.2 | 6.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.3 | 2 | 1 | 18:18 | 19.1 | 7.6 | 27.2 | 6.53 | 8.4 | 5.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.3 | 2 | 2 | 18:18 | 19.0 | 7.6 | 27.2 | 6.54 | 8.4 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.6 | 3 | 1 | 18:18 | 19.2 | 7.5 | 27.3 | 6.37 | 9.1 | 5.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Flood | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.6 | 3 | 2 | 18:18 | 19.3 | 7.5 | 27.4 | 6.35 | 9.2 | 5.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 1 | 10:30 | 18.9 | 7.5 | 27.1 | 6.33 | 7.4 | 6.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Surface | 1.0 | 1 | 2 | 10:30 | 18.8 | 7.5 | 27.0 | 6.34 | 7.3 | 6.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.1 | 2 | 1 | 10:30 | 19.0 | 7.5 | 27.3 | 6.47 | 8.4 | 5.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Middle | 6.1 | 2 | 2 | 10:30 | 18.9 | 7.5 | 27.2 | 6.48 | 8.5 | 5.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.2 | 3 | 1 | 10:30 | 19.0 | 7.5 | 27.4 | 6.31 | 9.2 | 6.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | CS(Mf)3 | Bottom | 11.2 | 3 | 2 | 10:30 | 19.1 | 7.4 | 27.5 | 6.29 | 9.3 | 5.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 1 | 13:00 | 18.9 | 7.3 | 27.1 | 6.54 | 5.1 | 4.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4a | Surface | 1.0 | 1 | 2 | 13:00 | 19.0 | 7.3 | 27.2 | 6.52 | 5.2 | 3.0 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 1 | 13:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4a | Middle | | 2 | 2 | 13:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.6 | 3 | 1 | 13:00 | 19.2 | 7.6 | 27.2 | 6.45 | 5.1 | 3.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4a | Bottom | 3.6 | 3 | 2 | 13:00 | 19.3 | 7.6 | 27.3 | 6.46 | 5.1 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 1 | 12:30 | 18.9 | 7.6 | 27.0 | 6.40 | 6.6 | 4.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4 | Surface | 1.0 | 1 | 2 | 12:30 | 18.8 | 7.6 | 27.1 | 6.38 | 6.7 | 4.9 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 1 | 12:30 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4 | Middle | | 2 | 2 | 12:30 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.4 | 3 | 1 | 12:30 | 19.0 | 7.4 | 27.2 | 6.51 | 9.0 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | SR4 | Bottom | 3.4 | 3 | 2 | 12:30 | 19.1 | 7.5 | 27.1 | 6.49 | 8.1 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 1 | 12:00 | 18.9 | 7.4 | 27.1 | 6.55 | 7.4 | 5.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS8 | Surface | 1.0 | 1 | 2 | 12:00 | 19.0 | 7.4 | 27.0 | 6.53 | 7.5 | 6.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 1 | 12:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS8 | Middle | | 2 | 2 | 12:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.6 | 3 | 1 | 12:00 | 19.2 | 7.6 | 27.2 | 6.45 | 13.4 | 11.1 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS8 | Bottom | 4.6 | 3 | 2 | 12:00 | 19.1 | 7.6 | 27.3 | 6.44 | 12.8 | 11.8 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 1 | 11:30 | 19.0 | 7.5 | 27.0 | 6.75 | 7.3 | 5.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Surface | 1.0 | 1 | 2 | 11:30 | 18.9 | 7.5 | 27.0 | 6.77 | 7.3 | 5.5 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 1 | 11:30 | 19.0 | 7.6 | 27.1 | 6.24 | 7.7 | 4.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Middle | 3.9 | 2 | 2 | 11:30 | 19.1 | 7.6 | 27.2 | 6.27 | 7.7 | 5.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 1 | 11:30 | 19.2 | 7.7 | 27.3 | 6.29 | 9.7 | 6.7 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)16 | Bottom | 6.8 | 3 | 2 | 11:30 | 19.3 | 7.7 | 27.2 | 6.31 | 9.5 | 7.2 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 1 | 11:00 | 18.9 | 7.5 | 27.2 | 6.49 | 6.8 | 6.3 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Surface | 1.0 | 1 | 2 | 11:00 | 18.8 | 7.5 | 27.1 | 6.51 | 6.8 | 5.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 1 | 11:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Middle | | 2 | 2 | 11:00 | | | | | | |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 1 | 11:00 | 19.1 | 7.7 | 27.2 | 6.57 | 10.8 | 9.4 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | IS(Mf)9 | Bottom | 3.8 | 3 | 2 | 11:00 | 19.1 | 7.7 | 27.3 | 6.60 | 10.0 | 8.6 |
| TM-CLK Southern | HY/2012/07 | 2013-12-31 | Mid-Ebb | Cloudy | Small Wave | | | | | | | | | | | | |

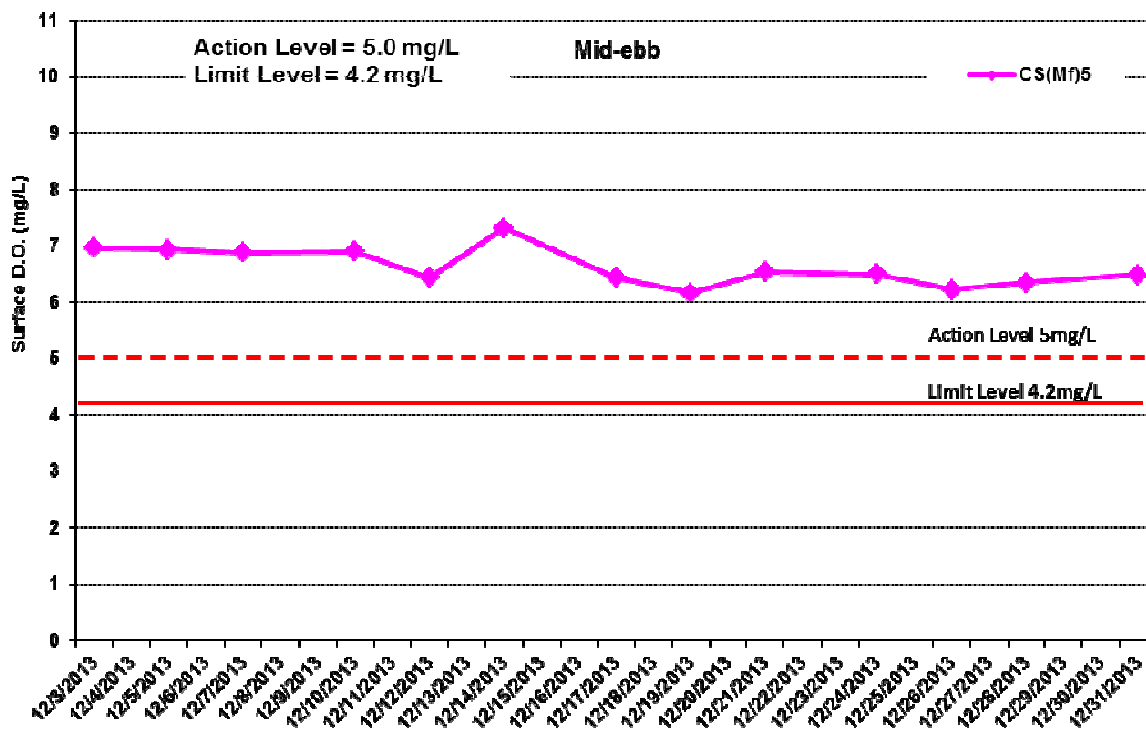
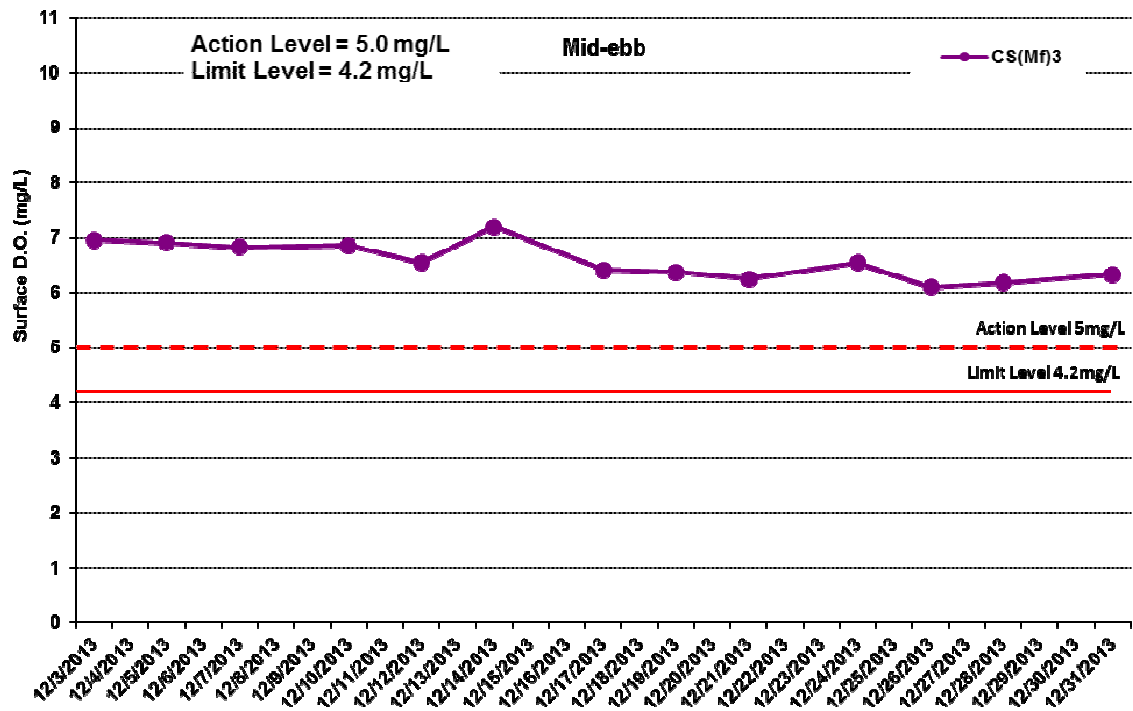


Figure J1 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-ebb tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

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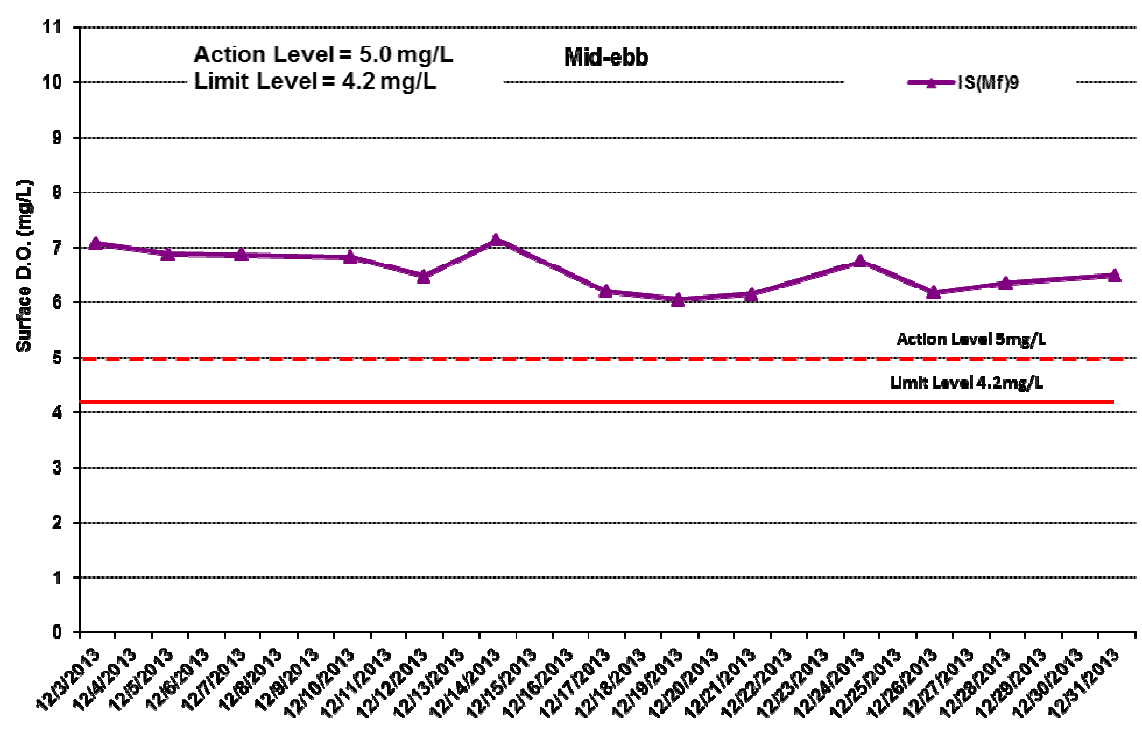
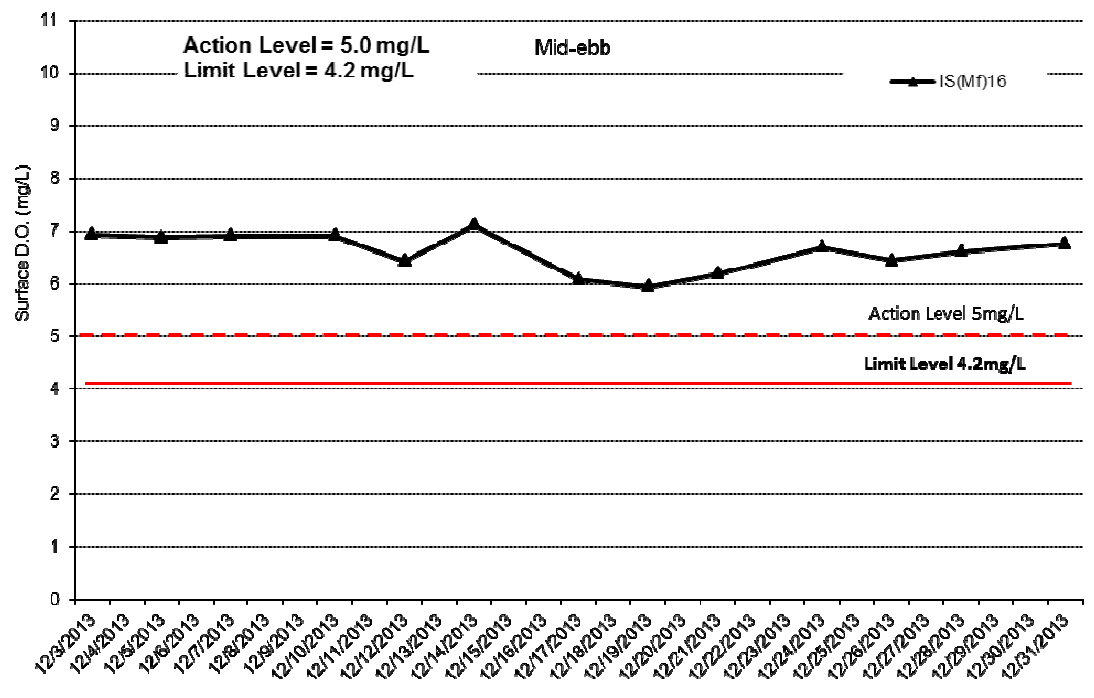


Figure J2 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-ebb tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.

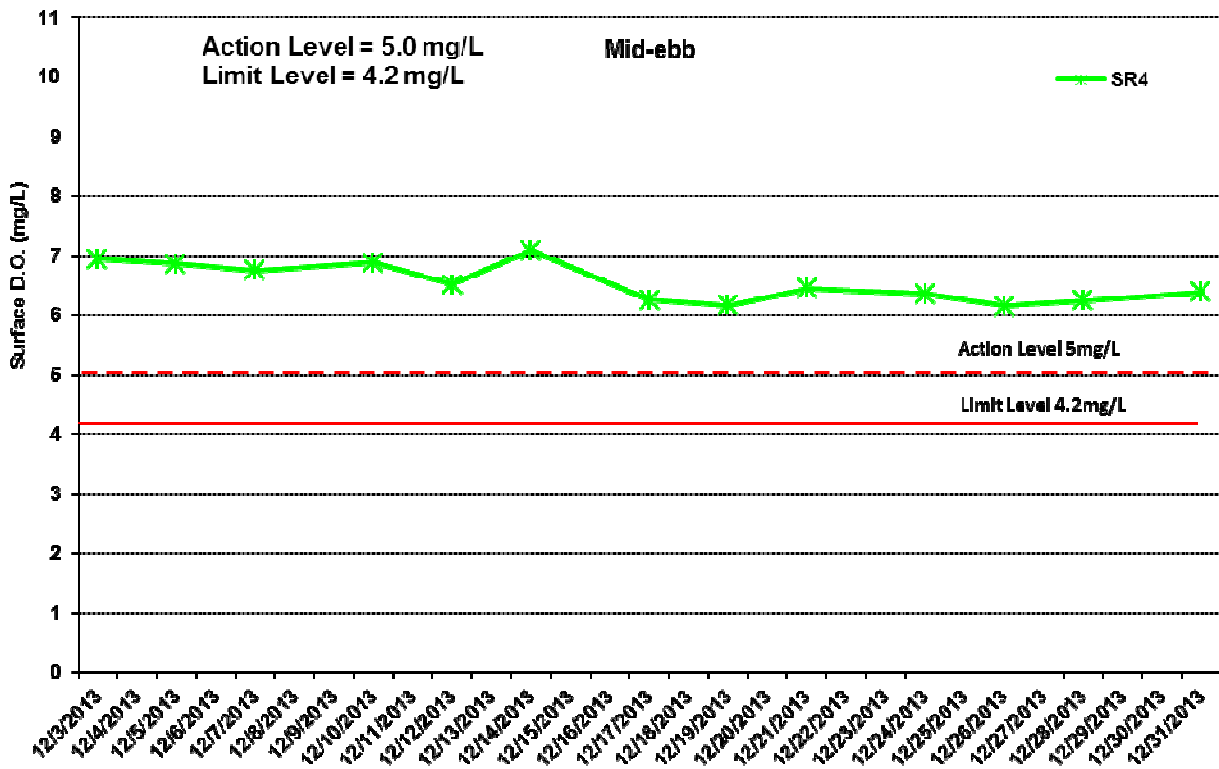
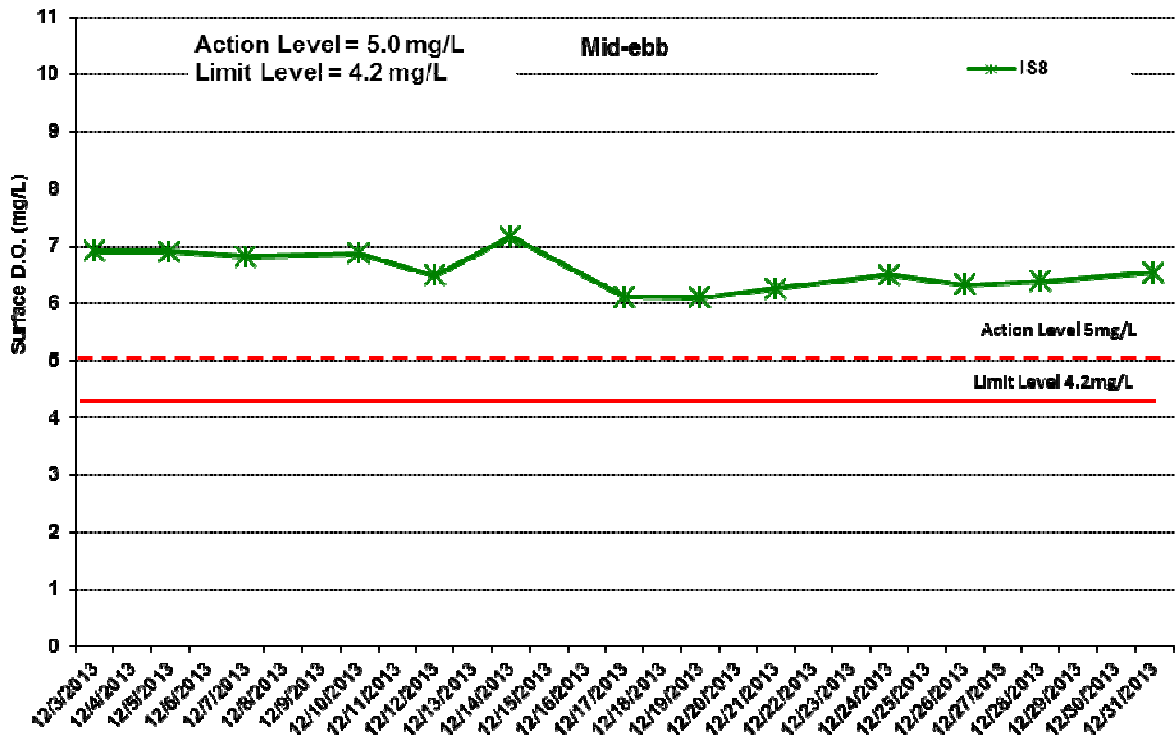


Figure J3 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-ebb tide between 1 to 31 December 2013 at IS8 and SR4.

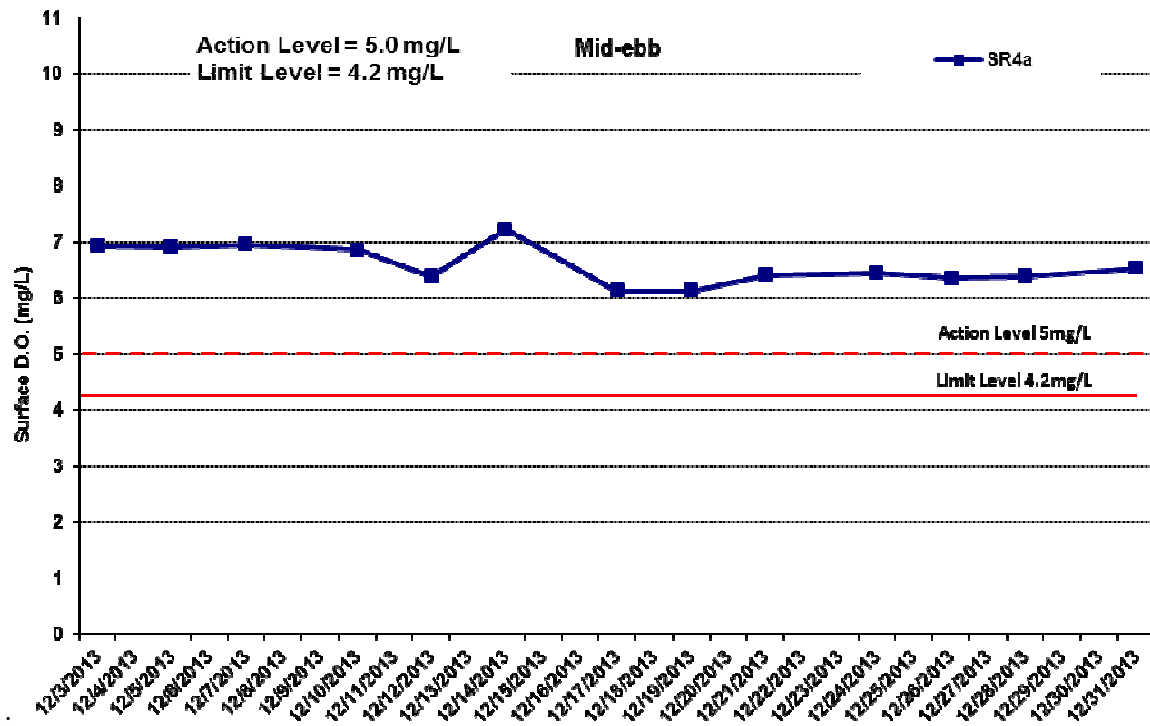


Figure J4 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-ebb tide between 1 to 31 December 2013 at SR4a.

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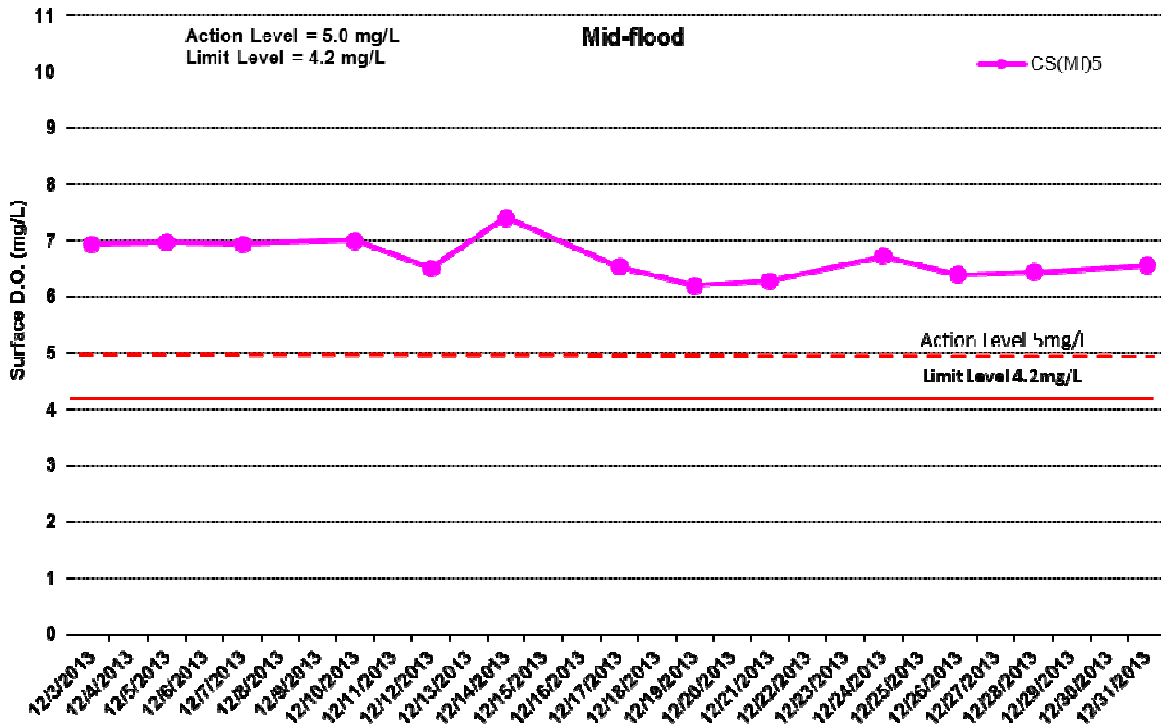
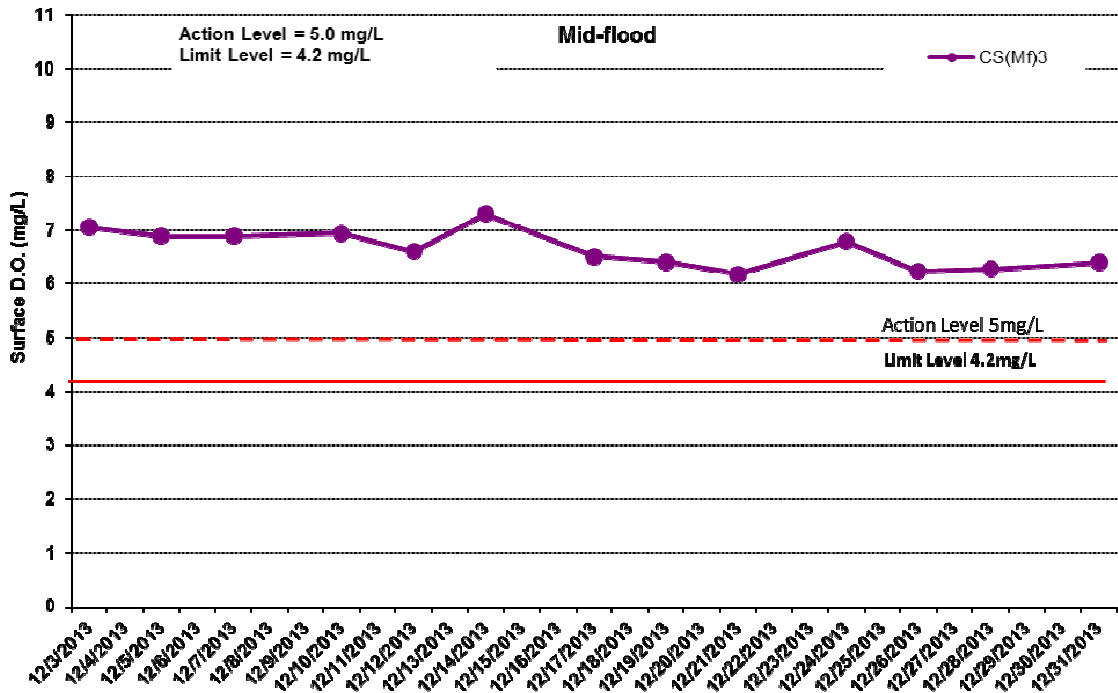


Figure J5 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-flood tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

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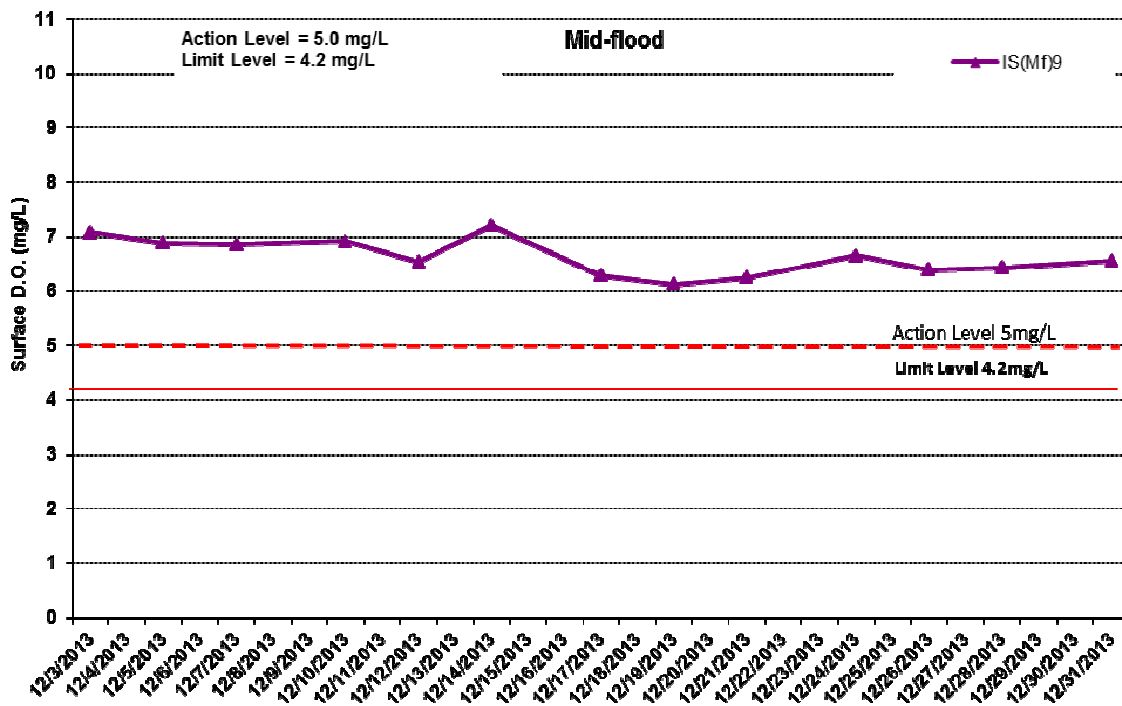
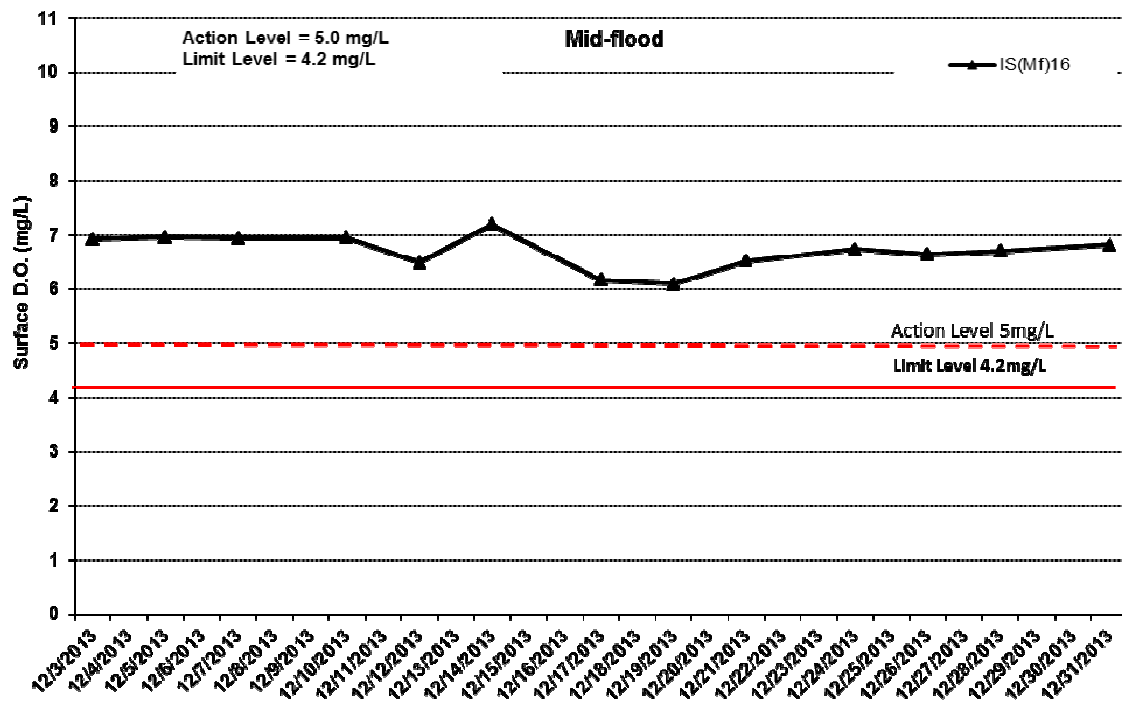


Figure J6 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-flood tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.

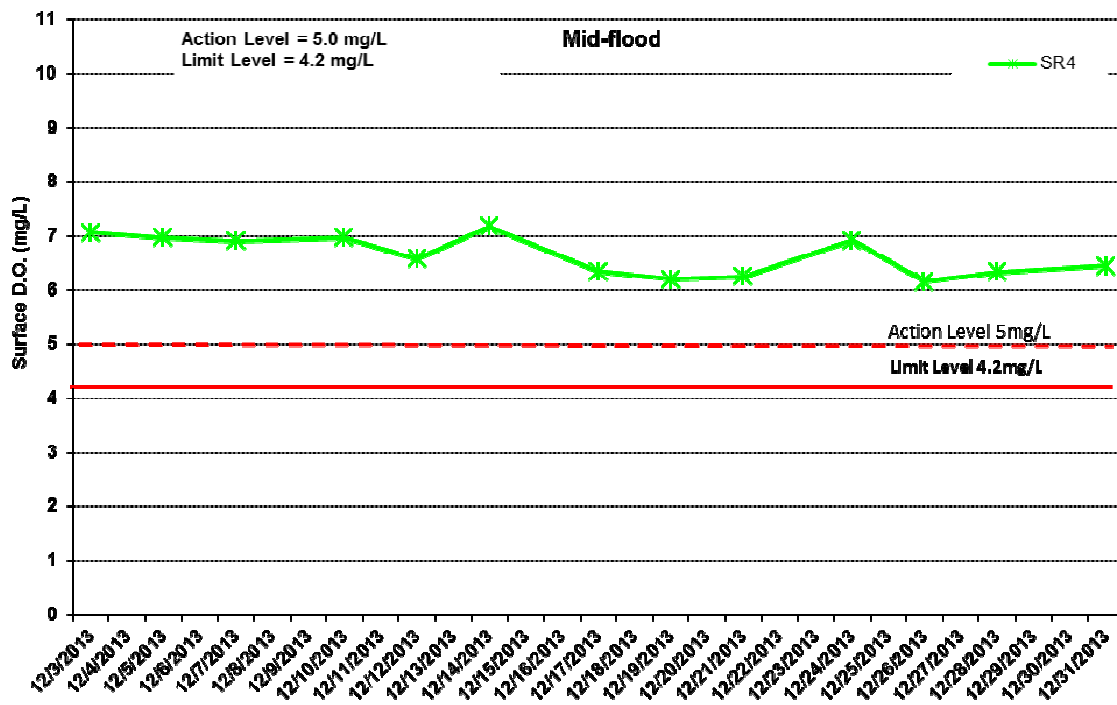
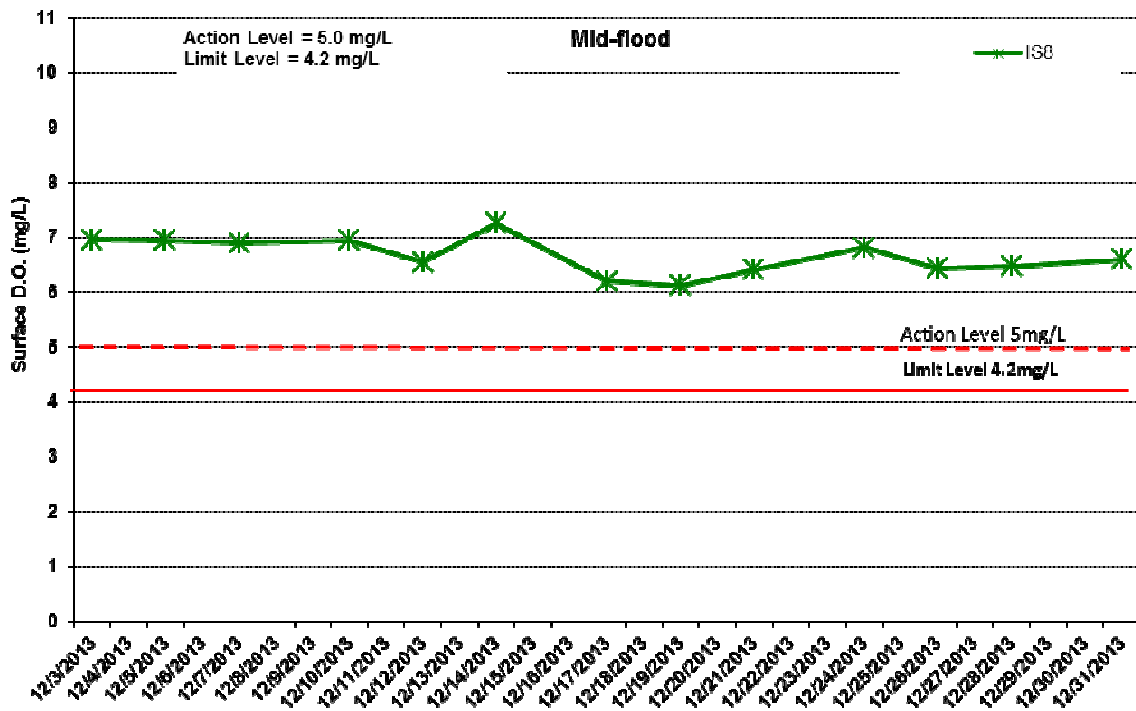


Figure J7 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-flood tide between 1 to 31 December 2013 at IS8 and SR4.

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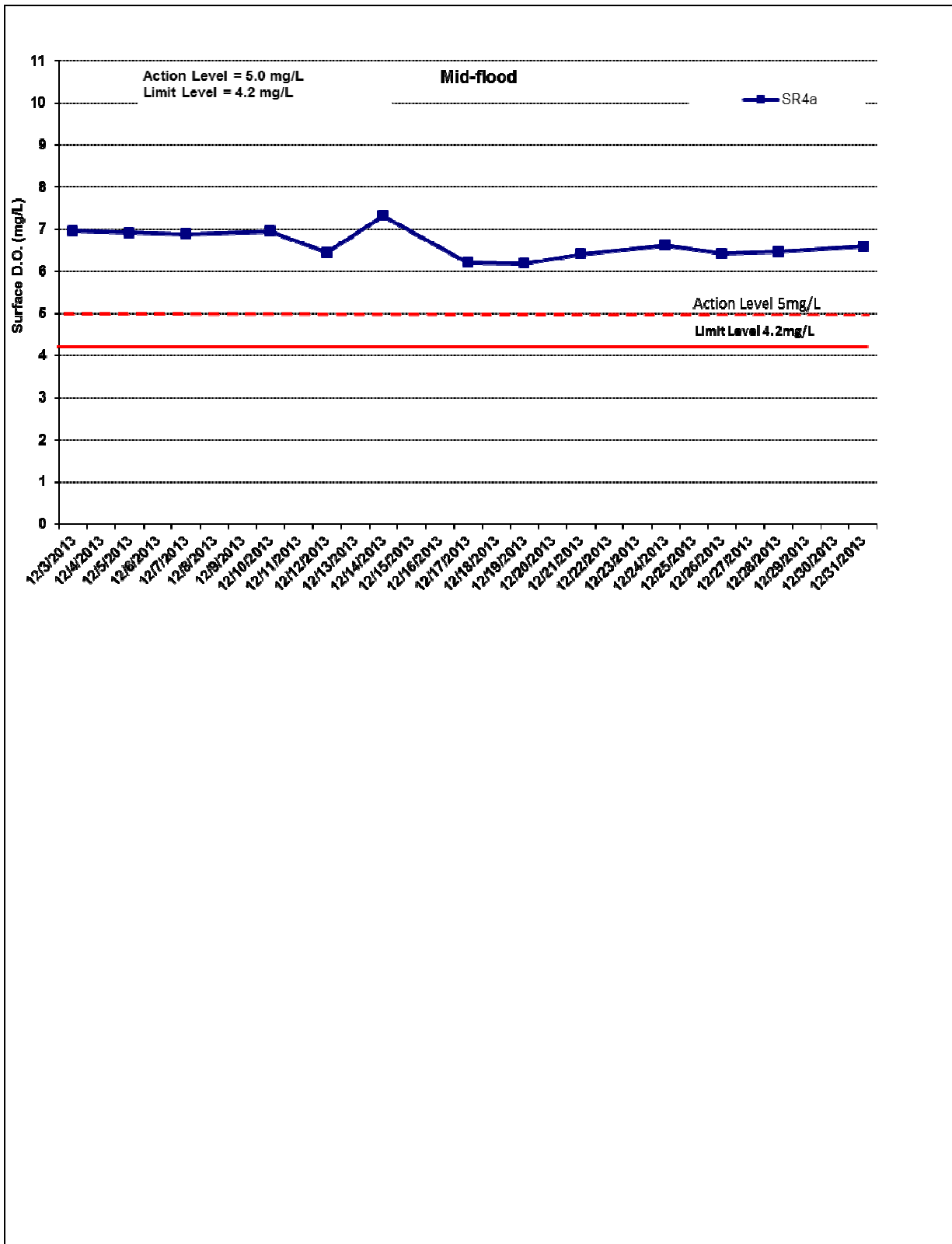


Figure J8 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters during mid-flood tide between 1 to 31 December 2013 at SR4a.

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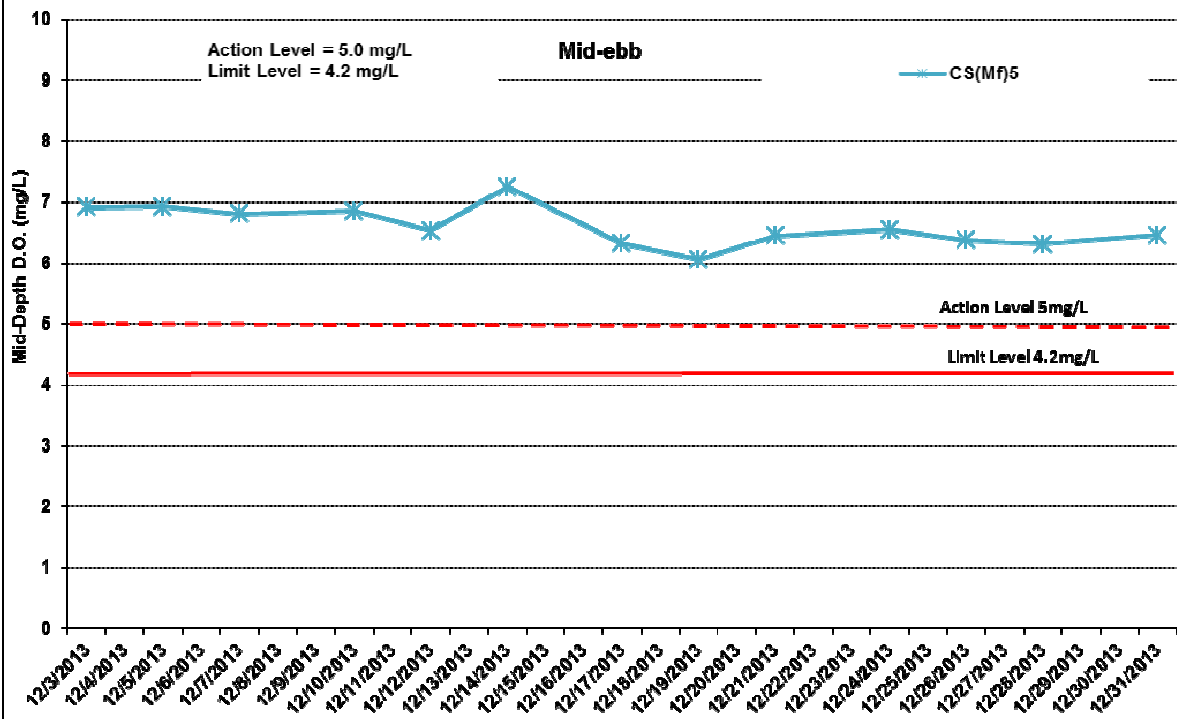
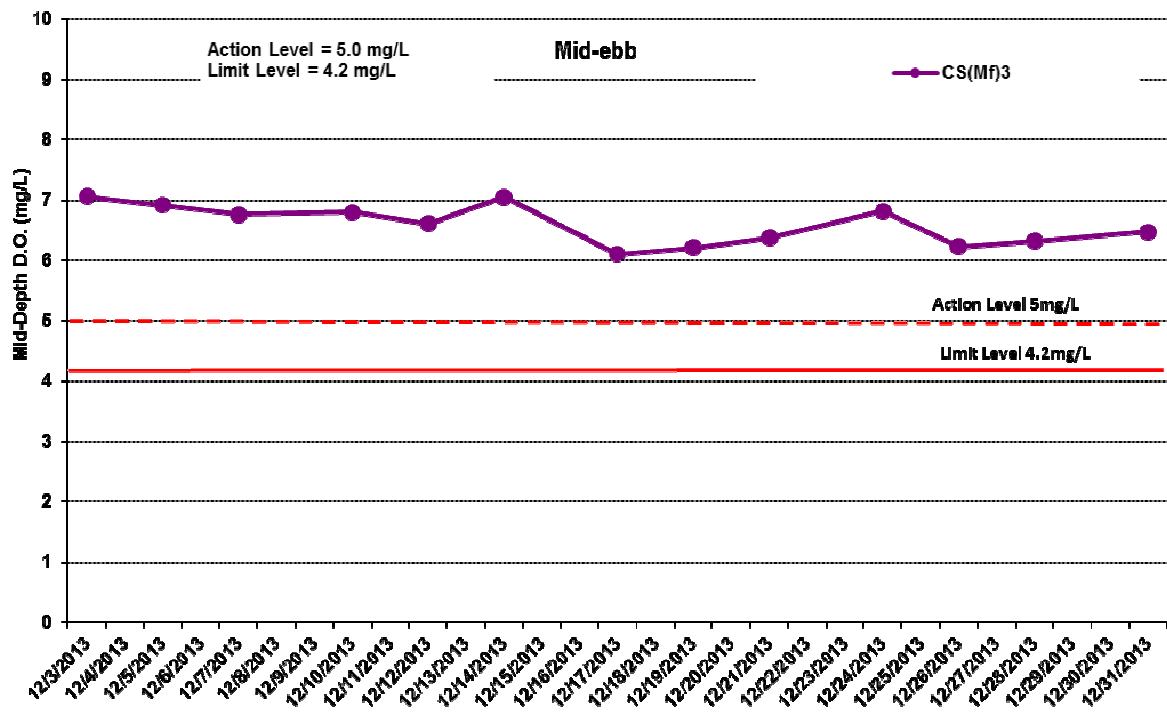


Figure J9 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters during mid-ebb tide between 1 to 31 December 2013 at CS(Mf)3 and IS(Mf)5.



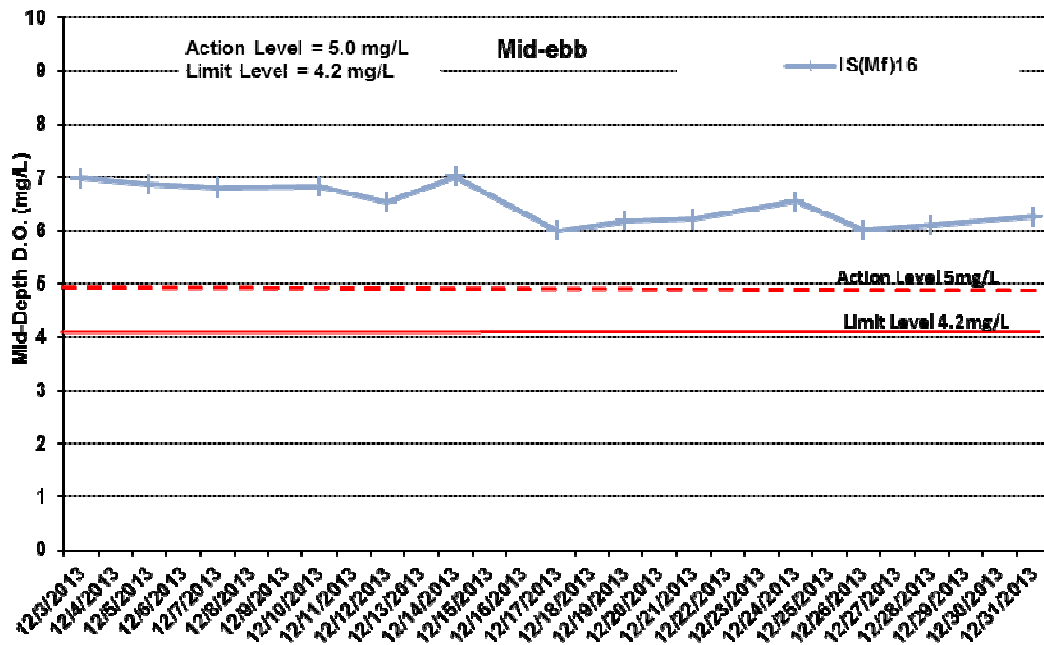


Figure J10 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters during mid-ebb tide between 1 to 31 December 2013 at IS(Mf)16.

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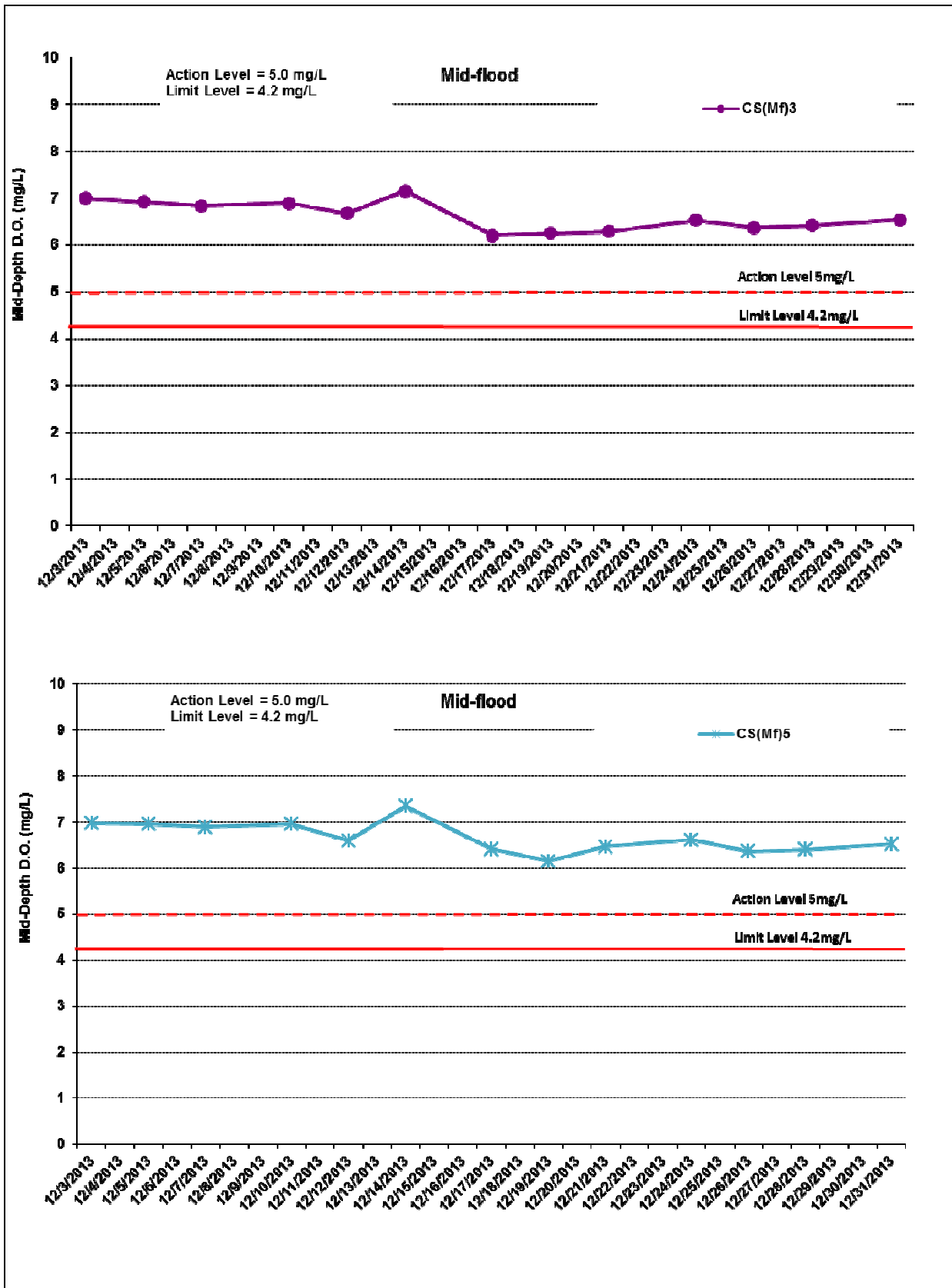


Figure J11 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters during mid-flood tide between 1 to 31 December 2013 at CS(Mf)3 and IS(Mf)5.

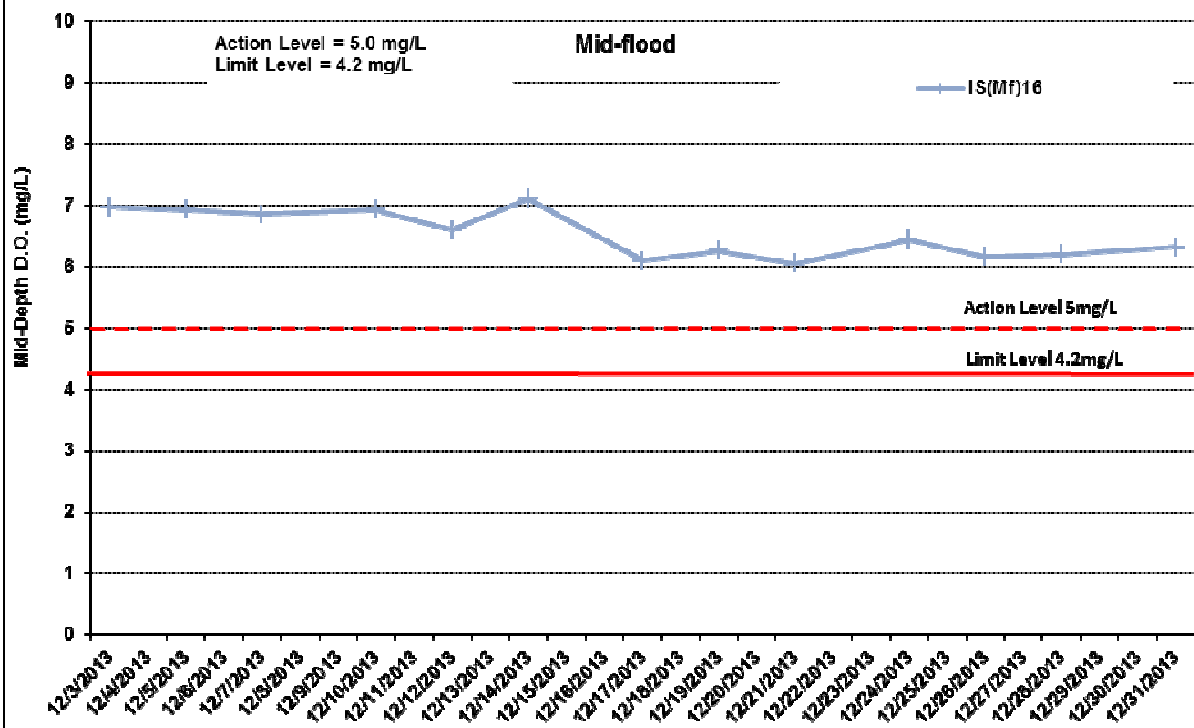


Figure J12 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters during mid-flood tide between 1 to 31 December 2013 at IS(Mf)16.

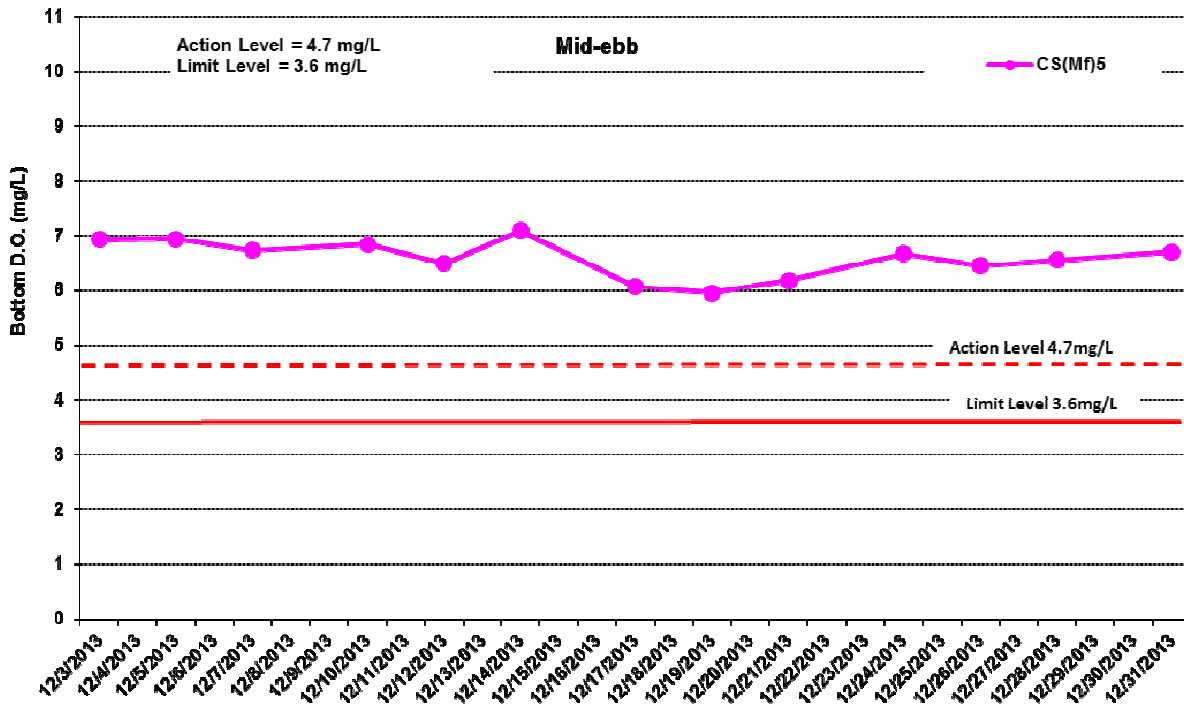
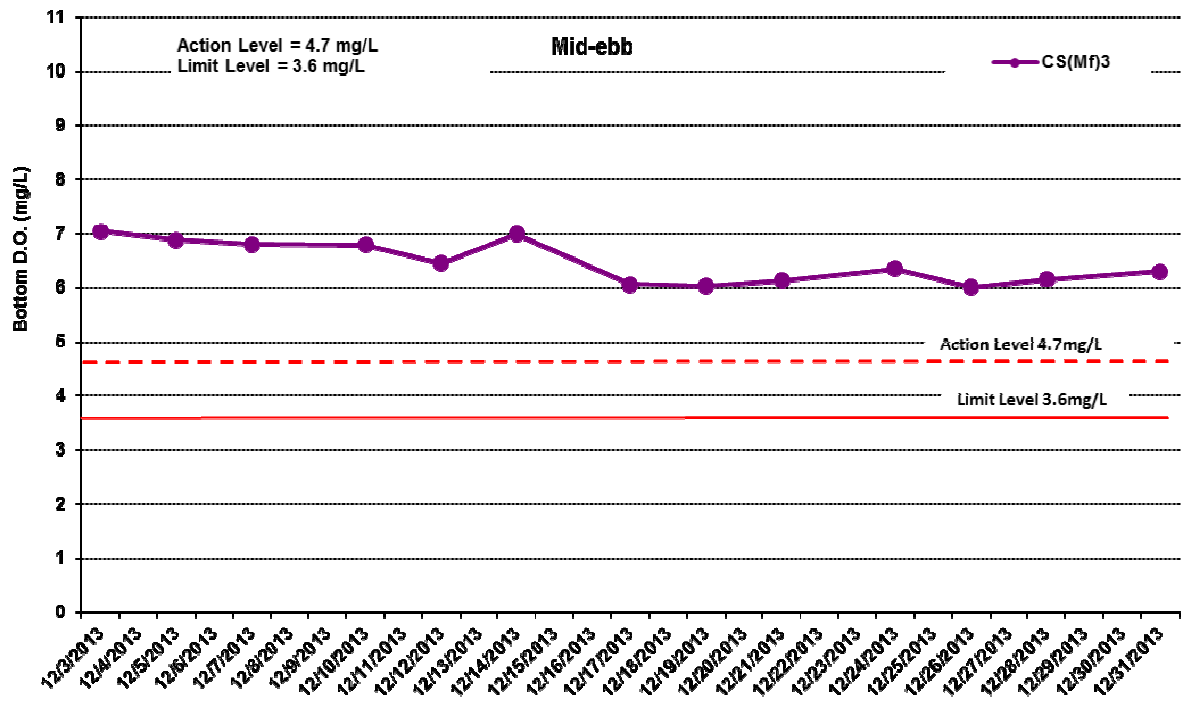


Figure J13 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-ebb tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

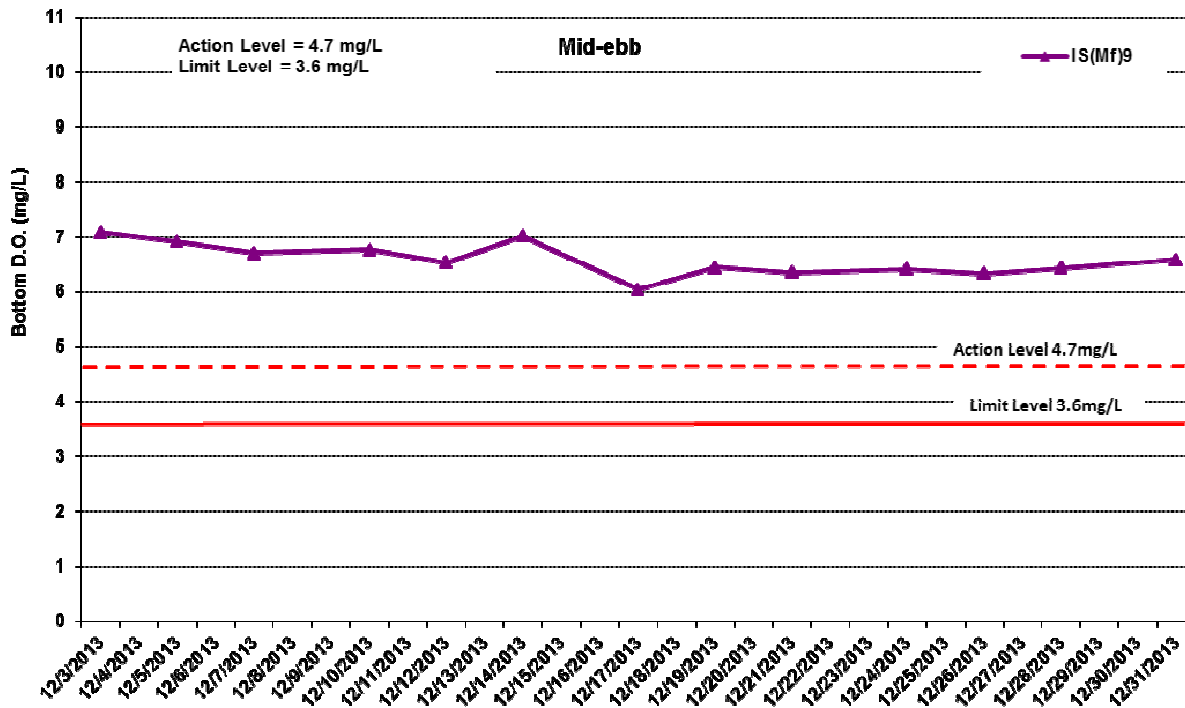
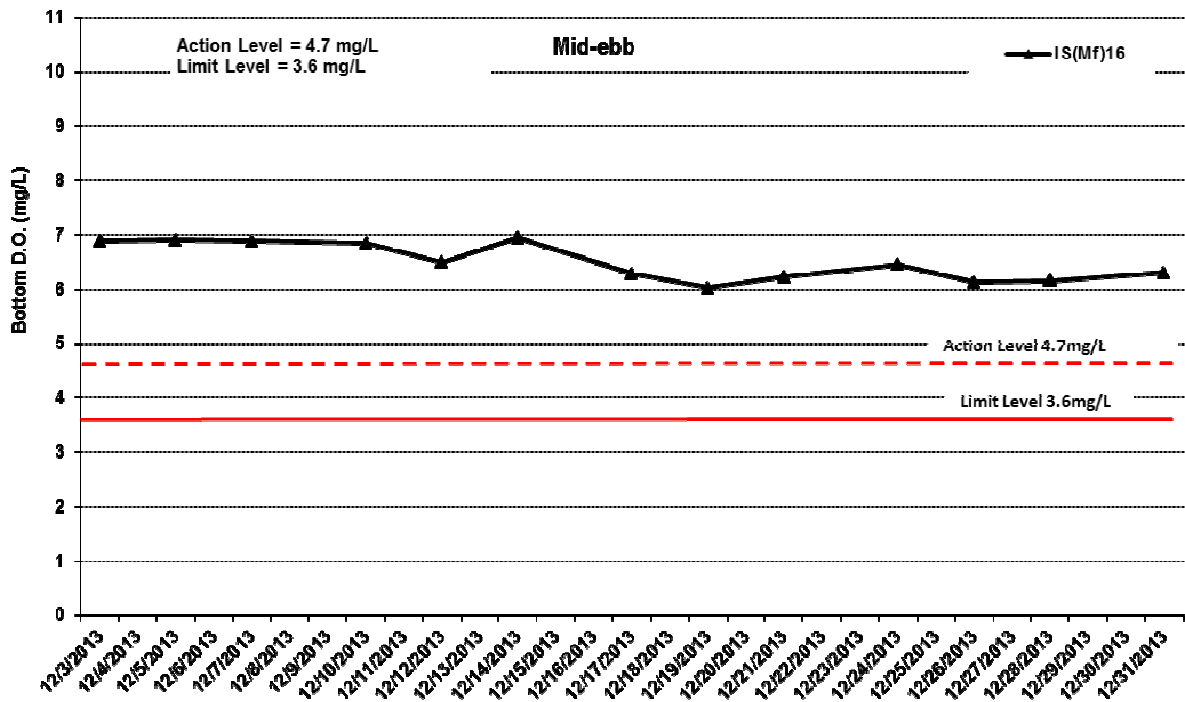


Figure J14 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-ebb tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.



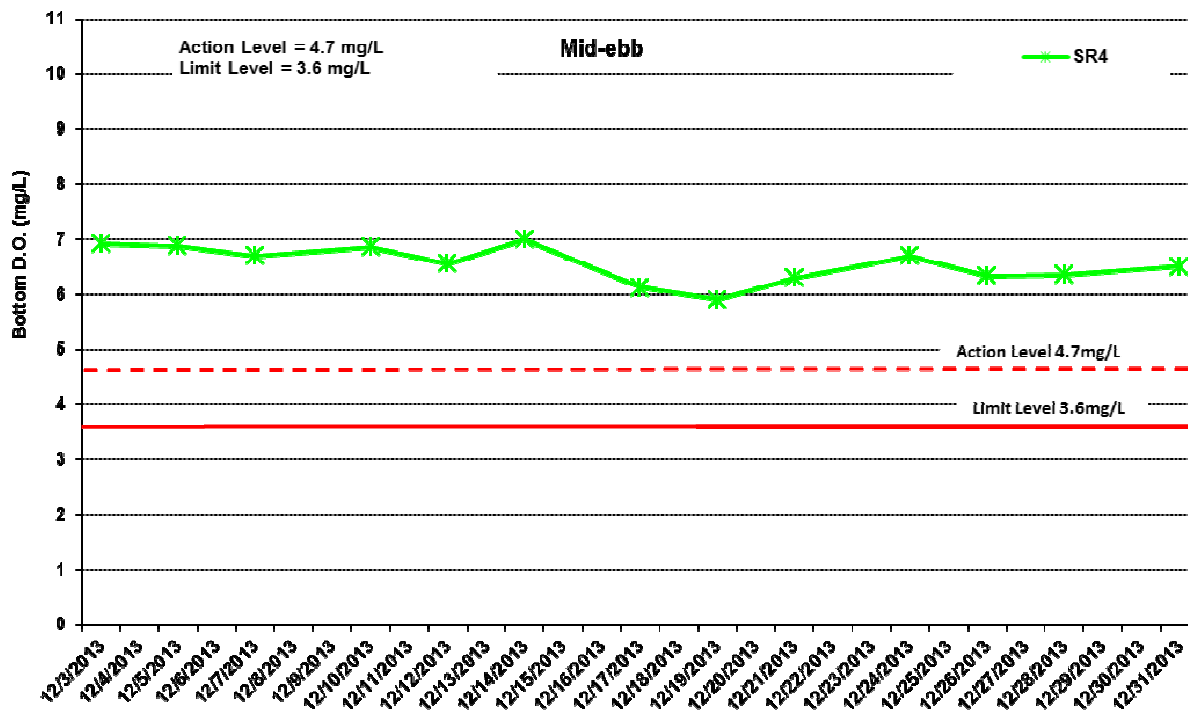
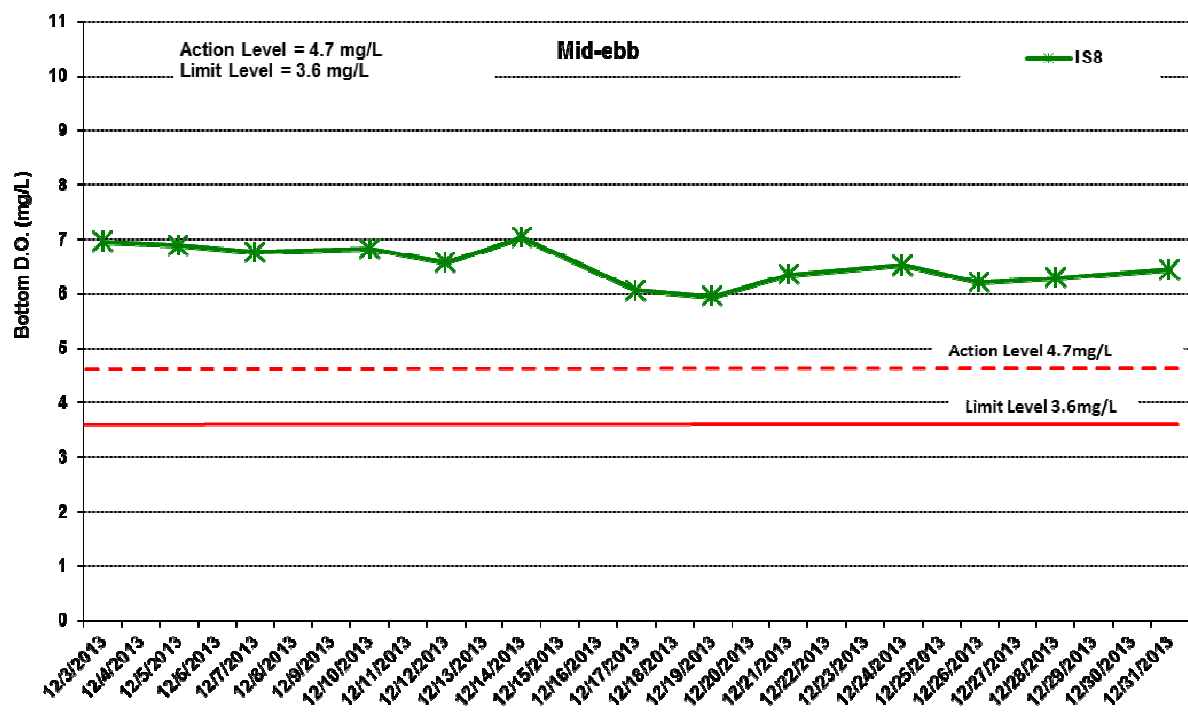


Figure J15 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-ebb tide between 1 to December 2013 at IS8 and SR4.

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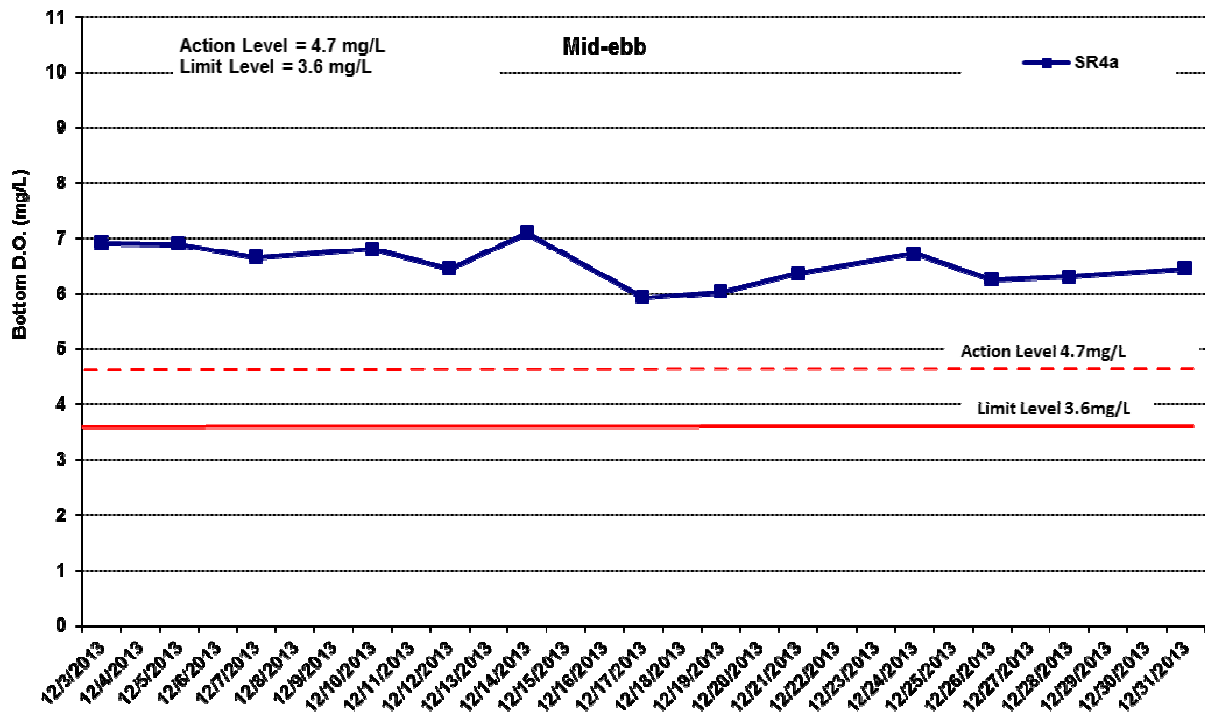


Figure J16 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-ebb tide between 1 to 31 December 2013 at SR4a.

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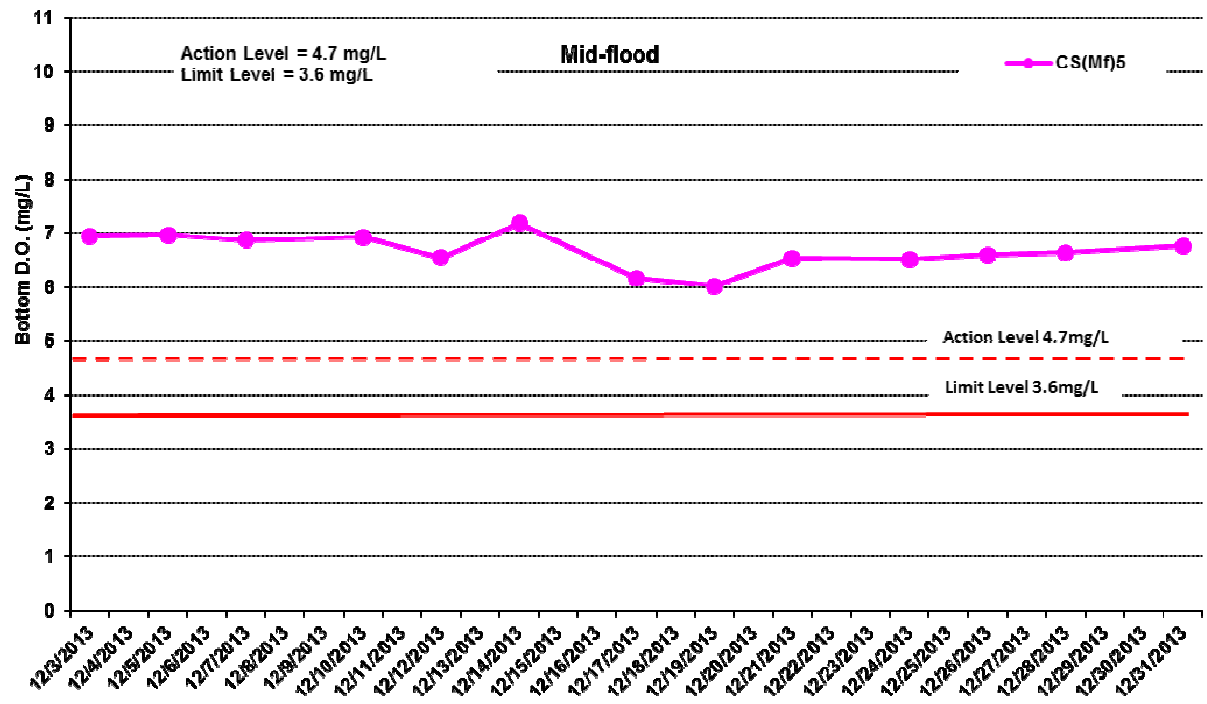
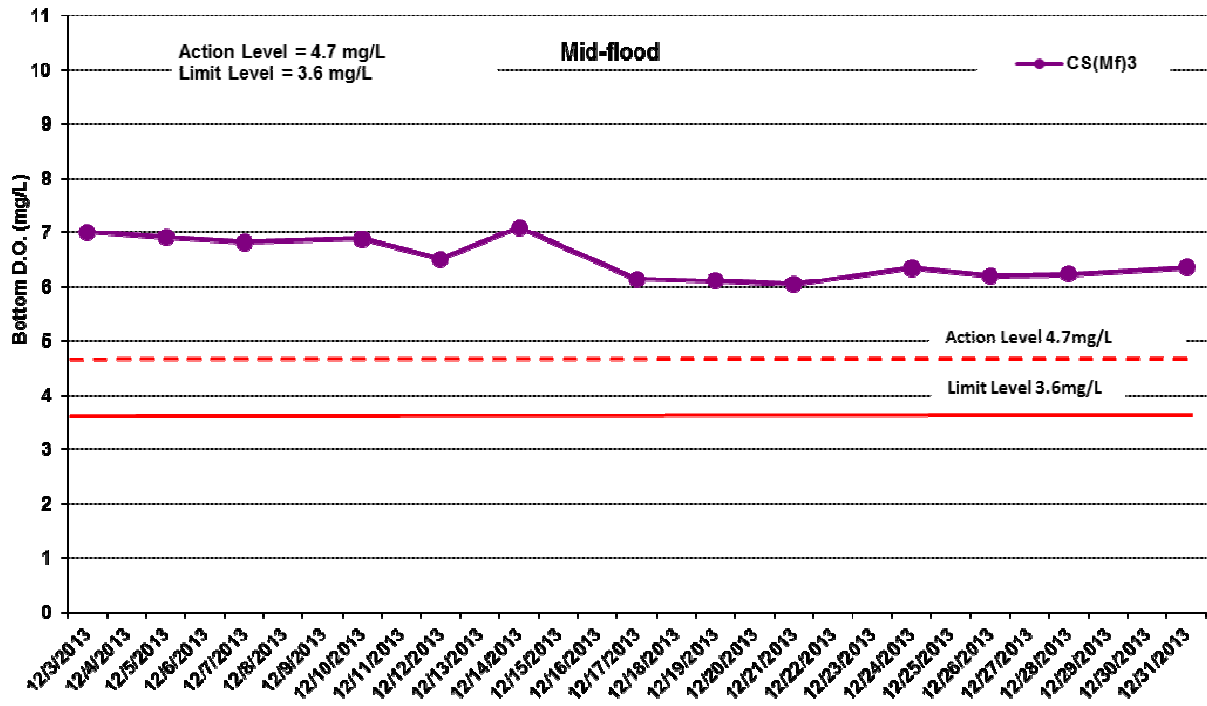


Figure J17 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-flood tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

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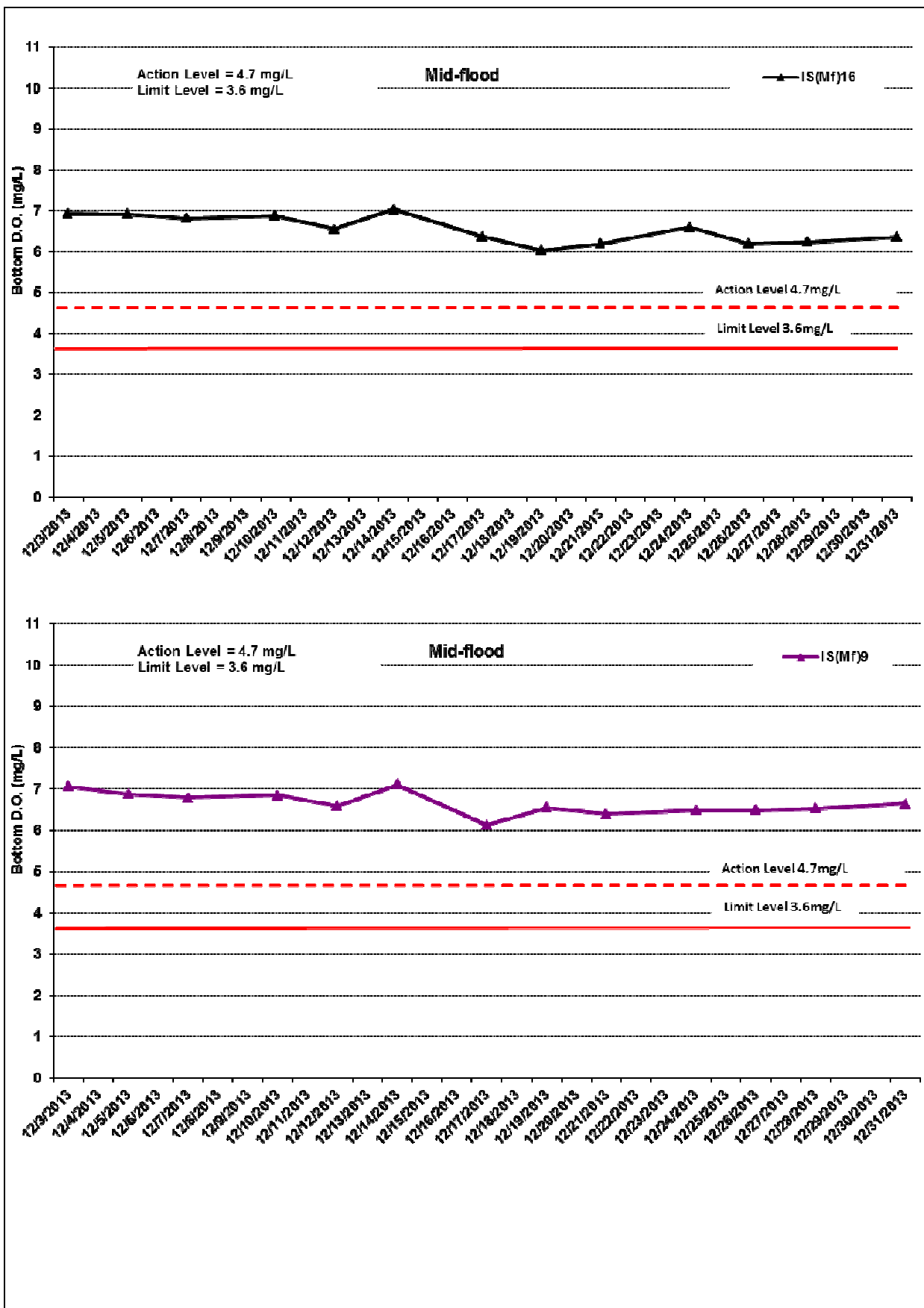


Figure J18 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-flood tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.

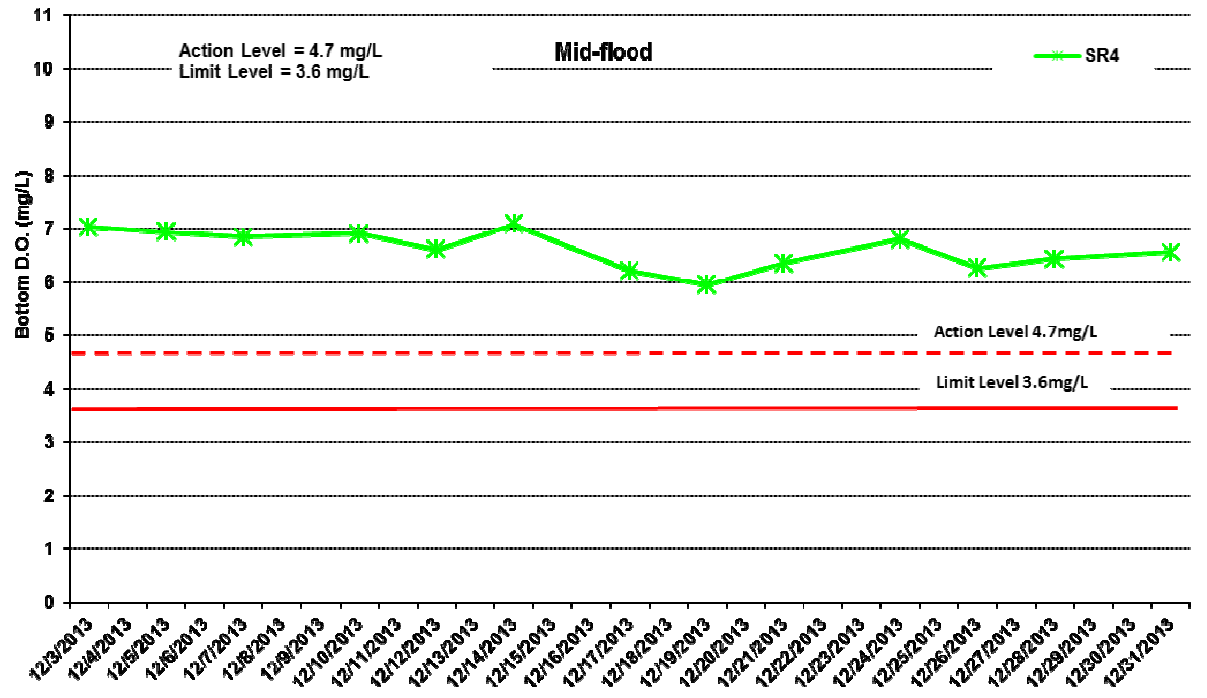
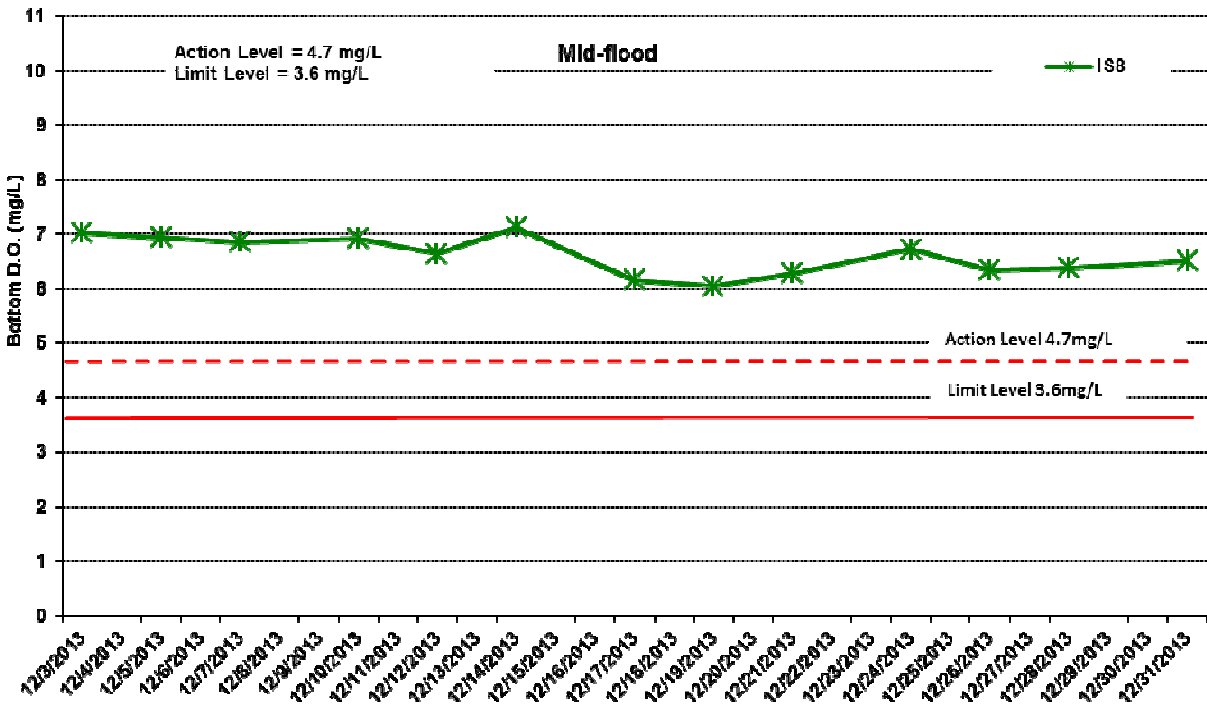


Figure J19 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-flood tide between 1 to 31 December 2013 at IS8 and SR4.

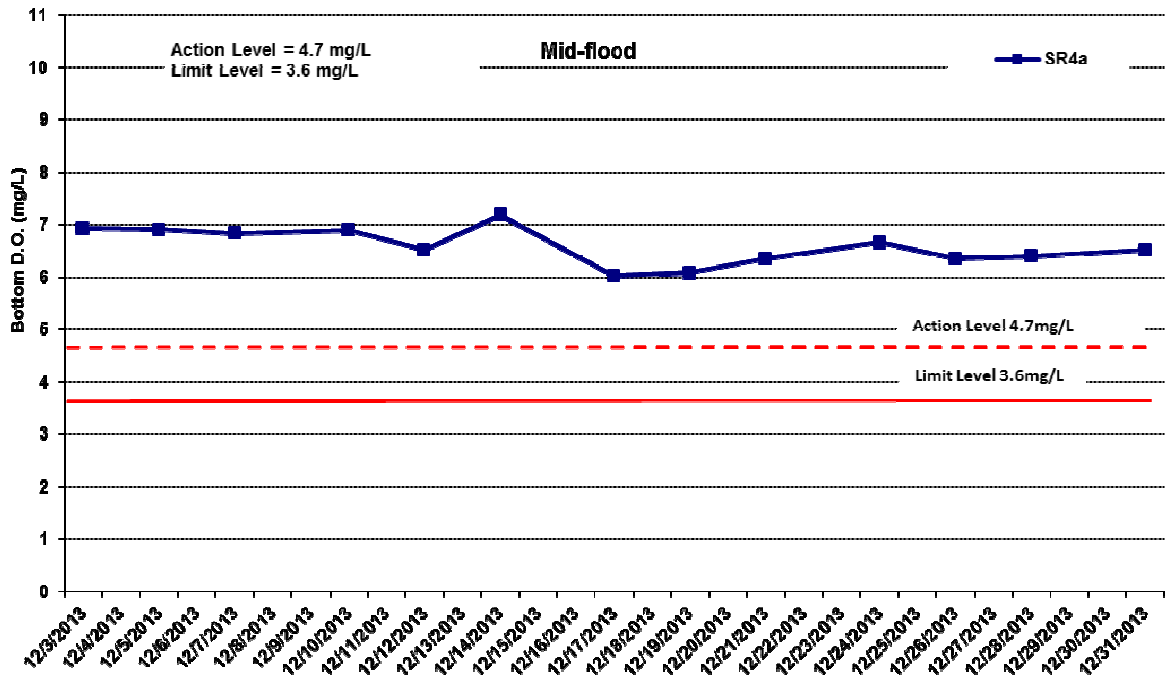


Figure J20 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom waters during mid-flood tide between 1 to 31 December 2013 at SR4a.

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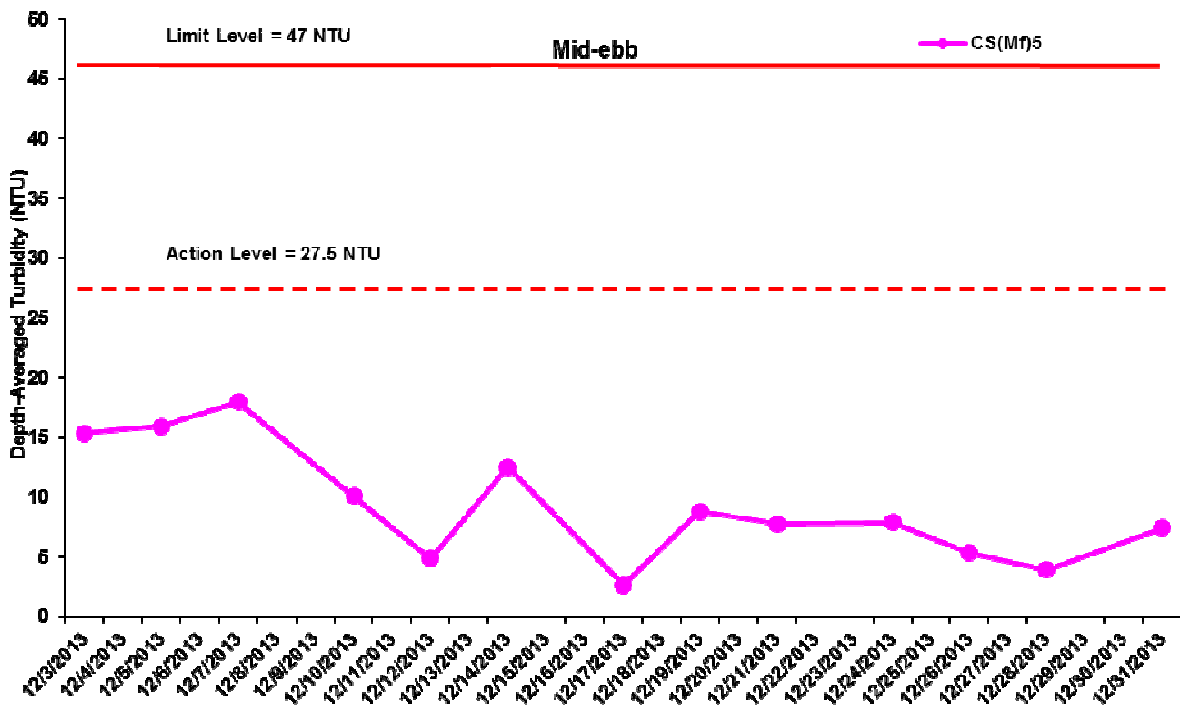
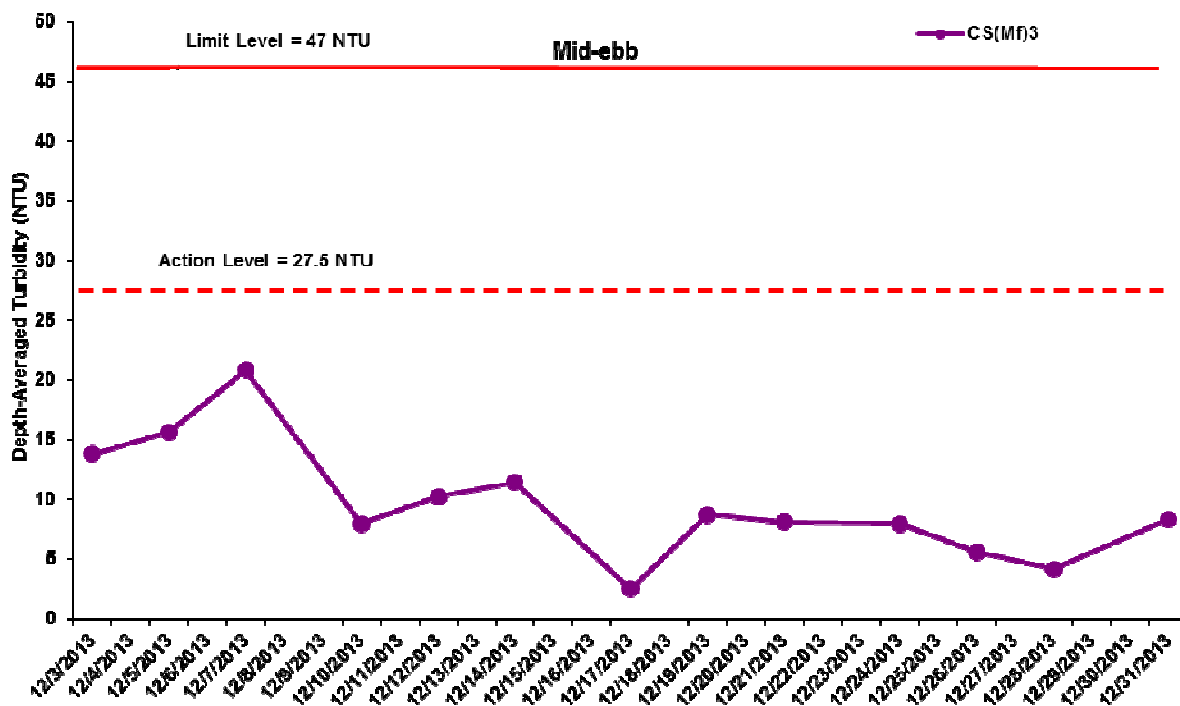


Figure J21 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-ebb tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

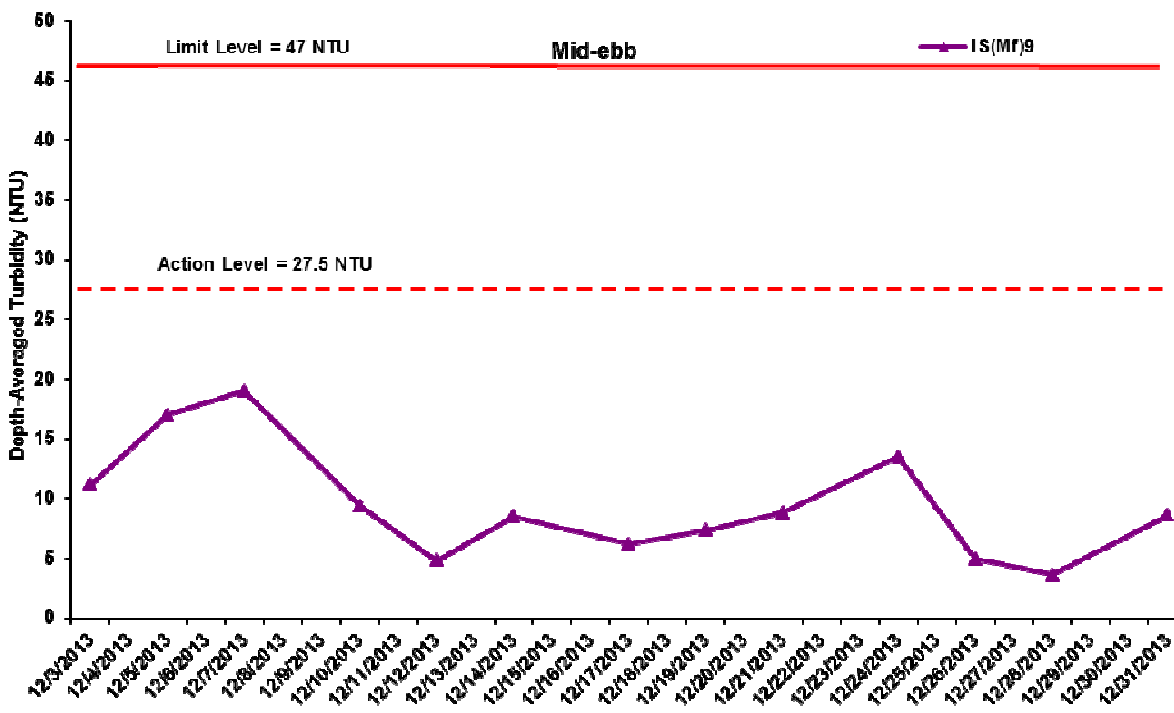
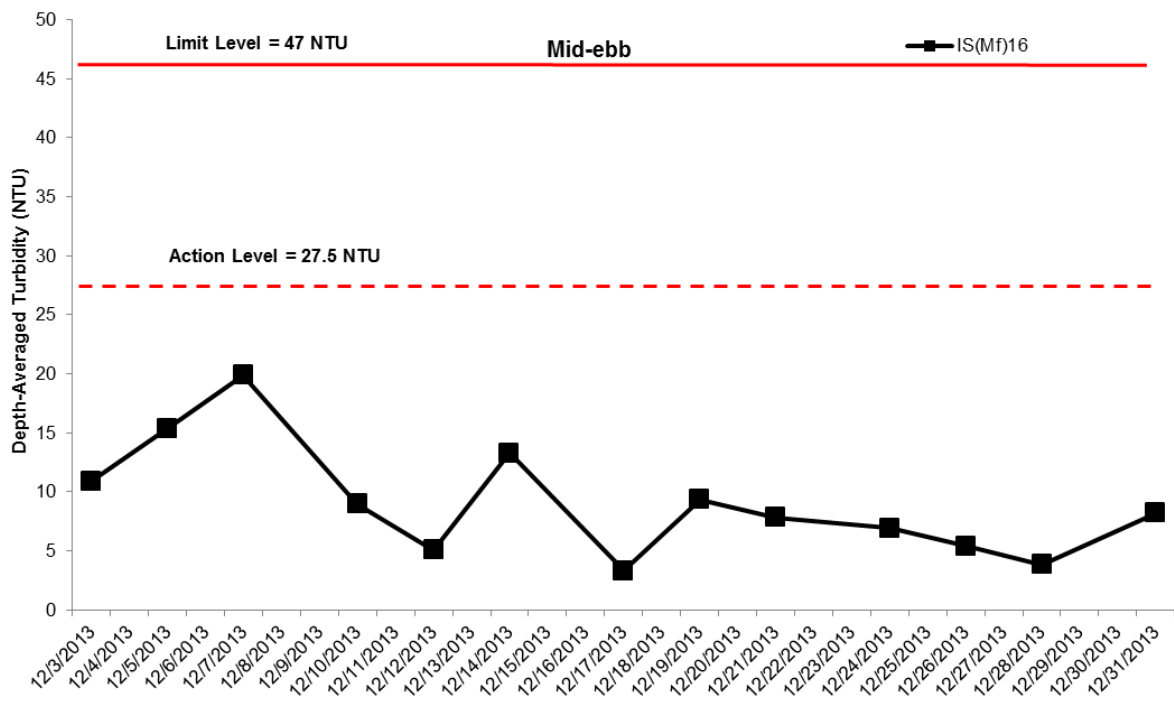


Figure J22 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-ebb tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.



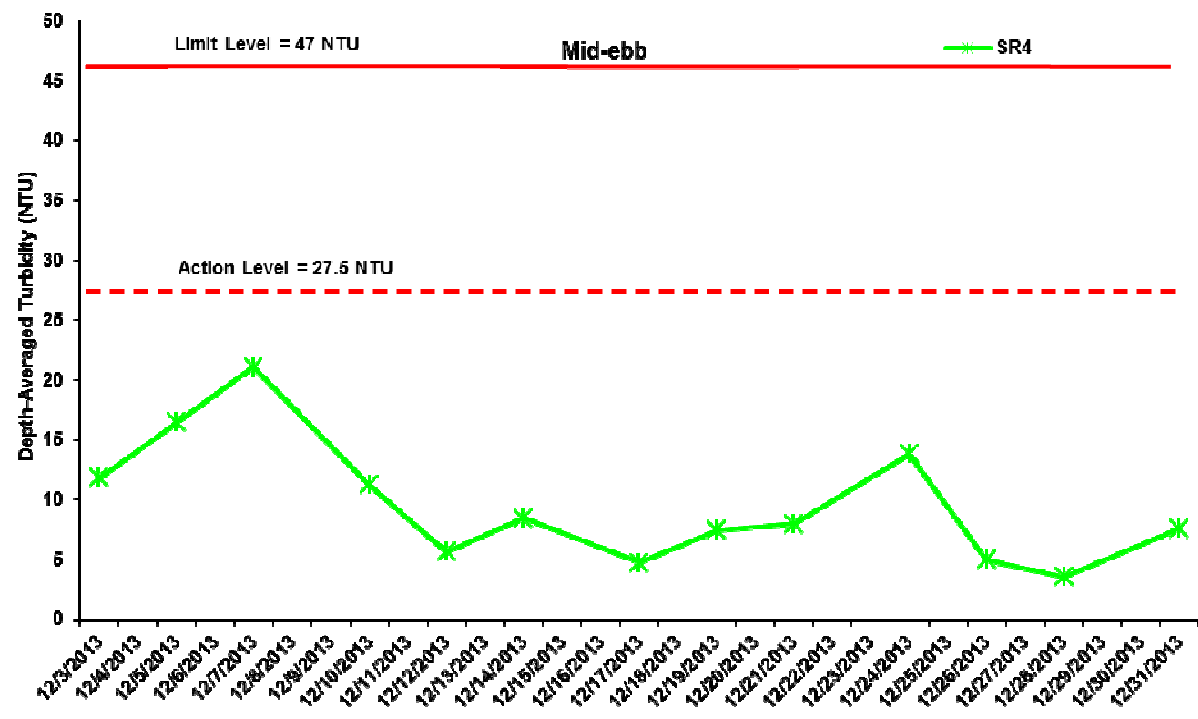
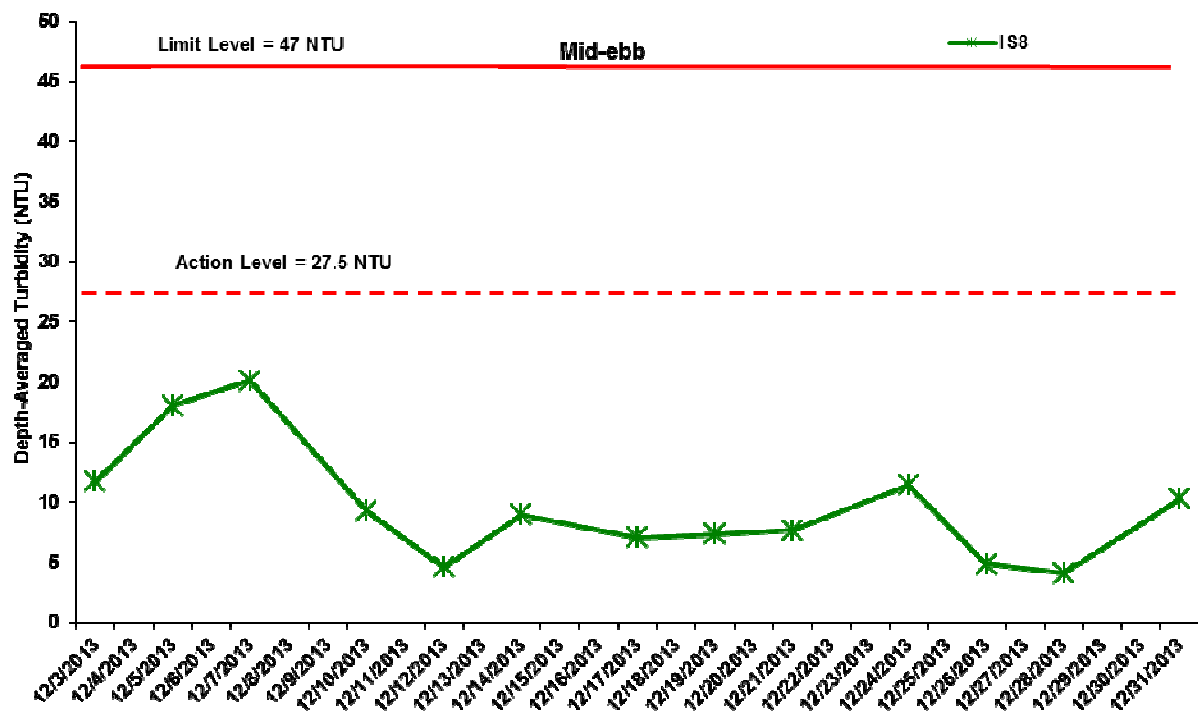


Figure J23 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-ebb tide between 1 to 31 December 2013 at IS8 and SR4.

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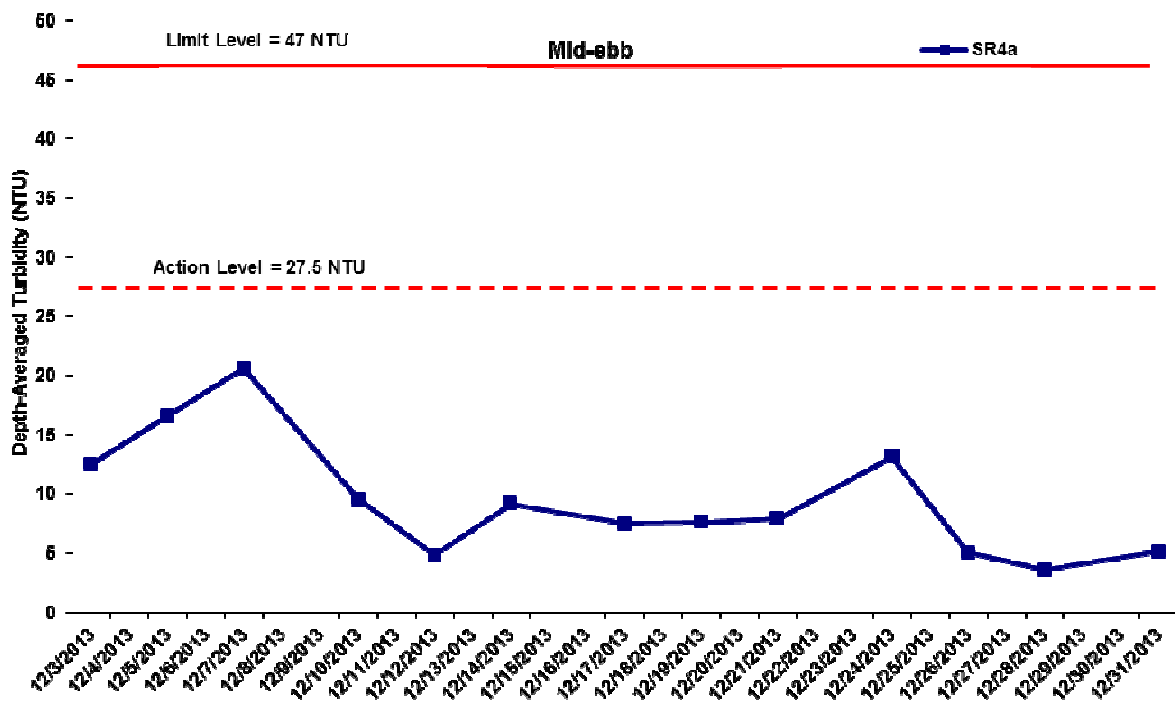


Figure J24 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-ebb tide between 1 to 31 December 2013 at SR4a.

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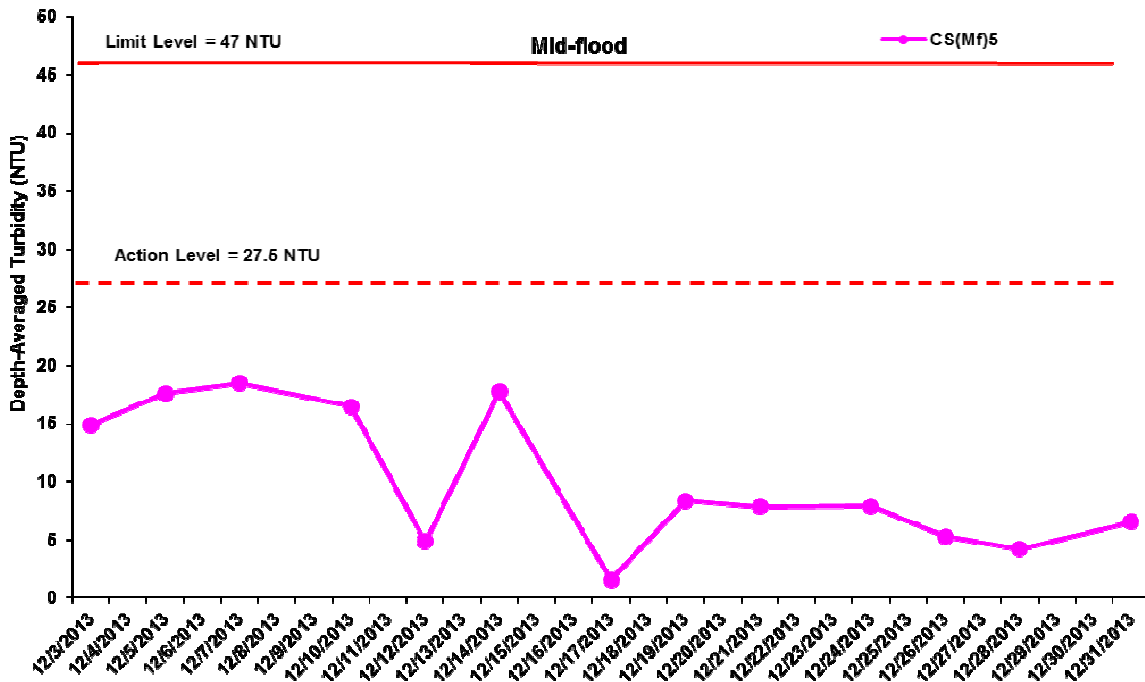
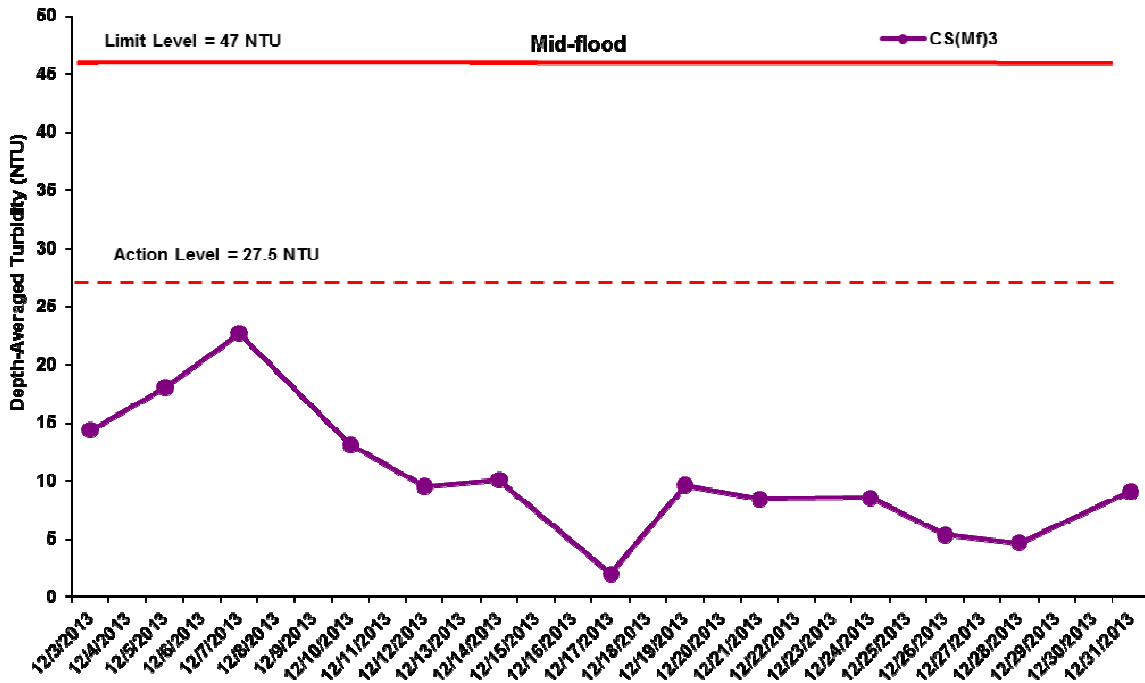


Figure J25 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-flood tide between 1 to 31 December 2013 at CS(Mf)3 and CS(MF)5.

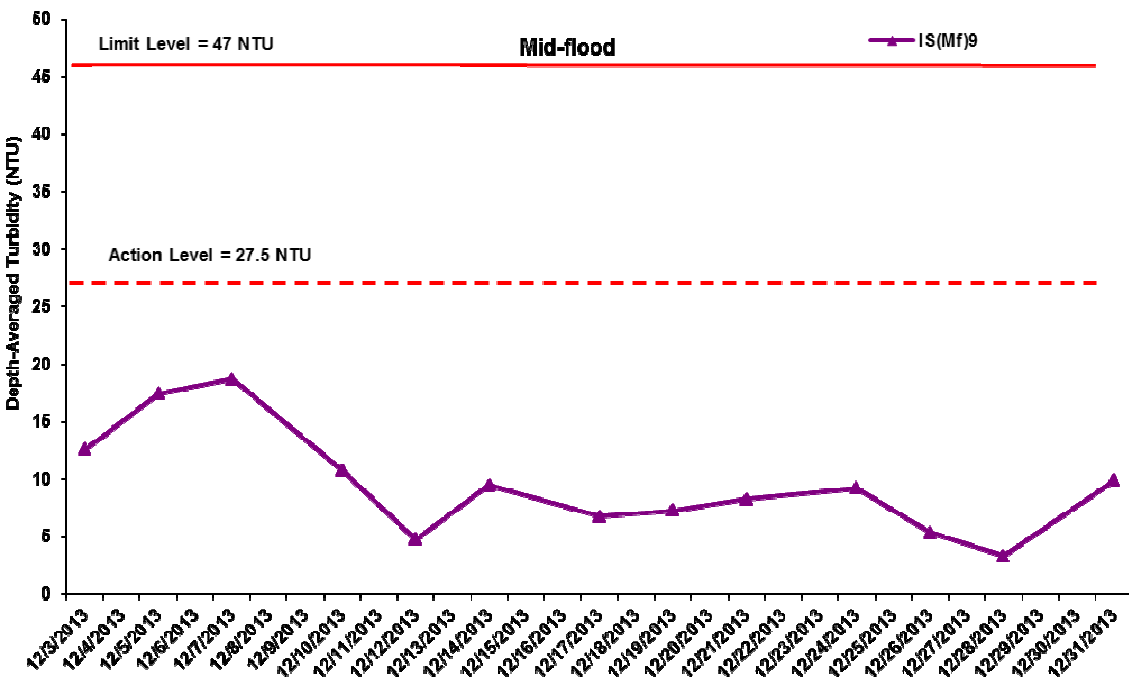
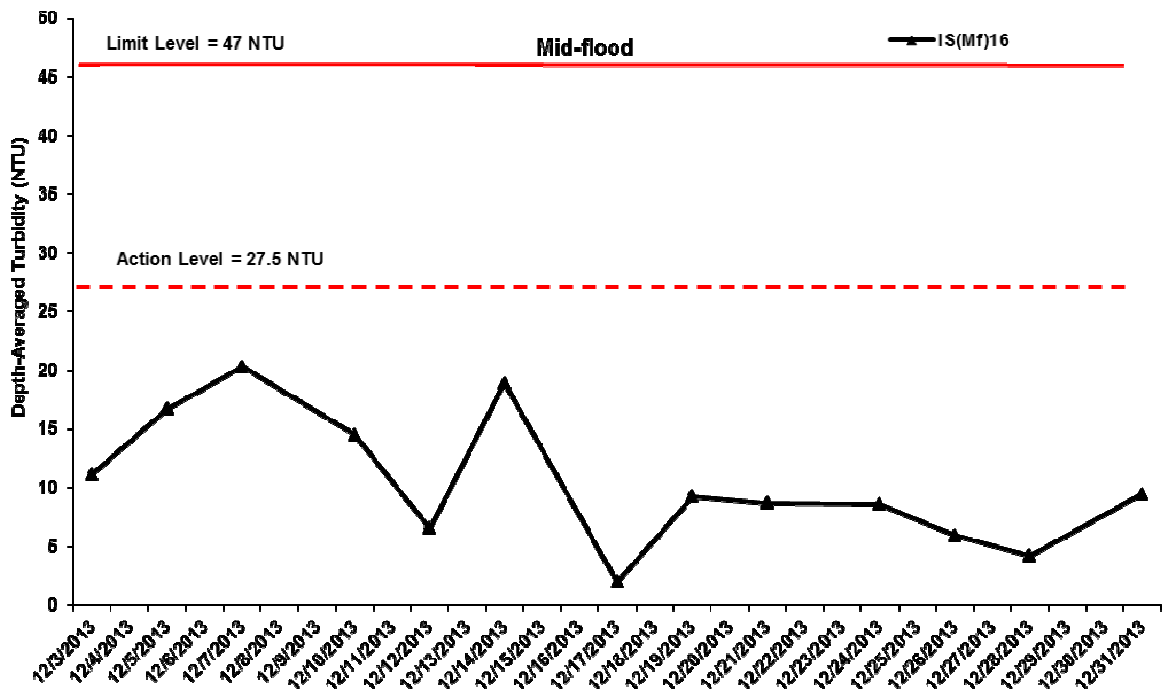


Figure J26 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-flood tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.

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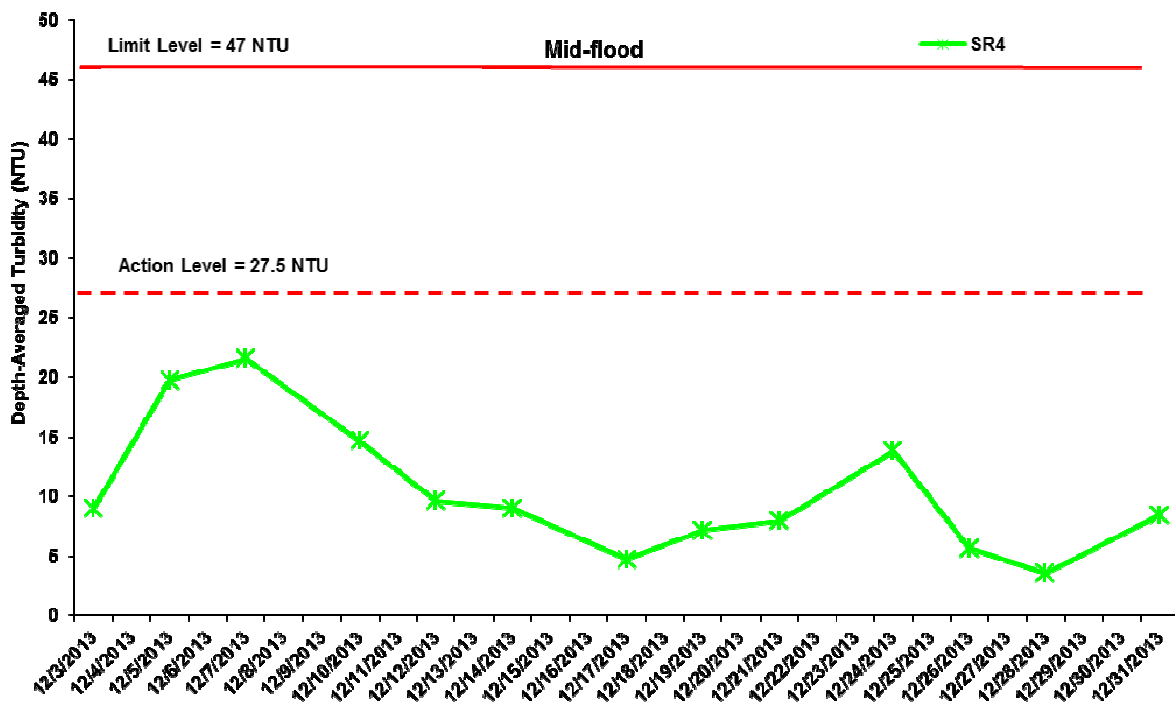
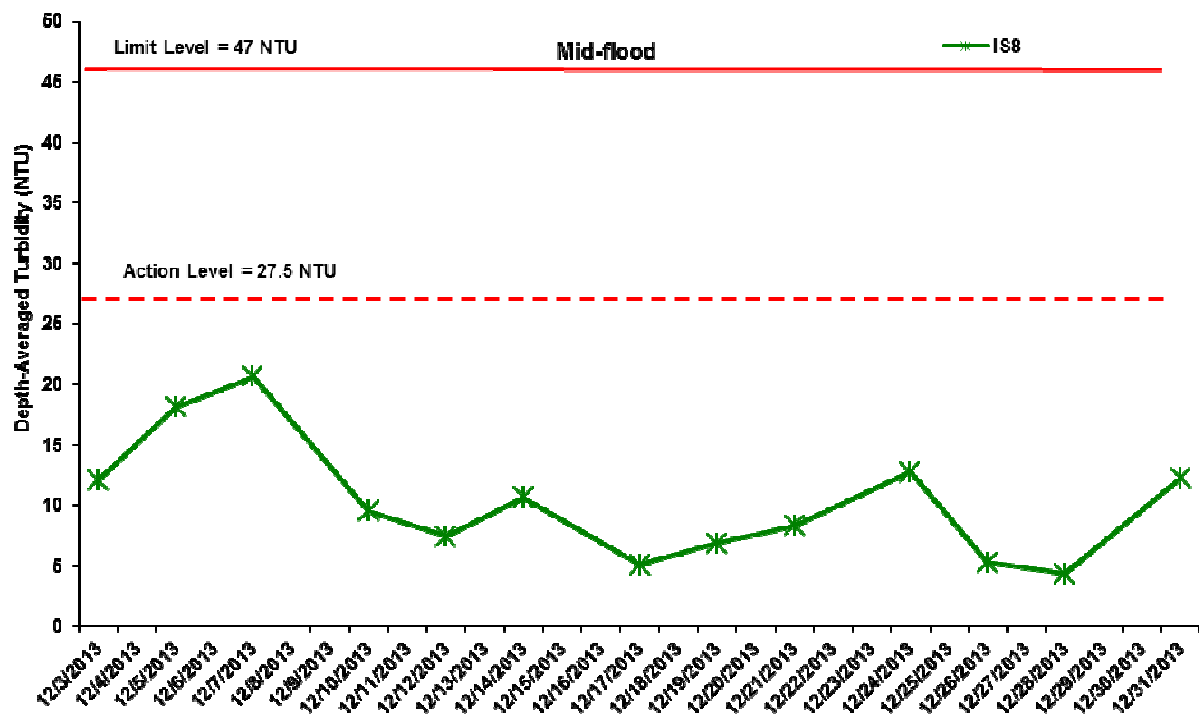


Figure J27 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-flood tide between 31 October and 30 November 2013 at IS8 and SR4.

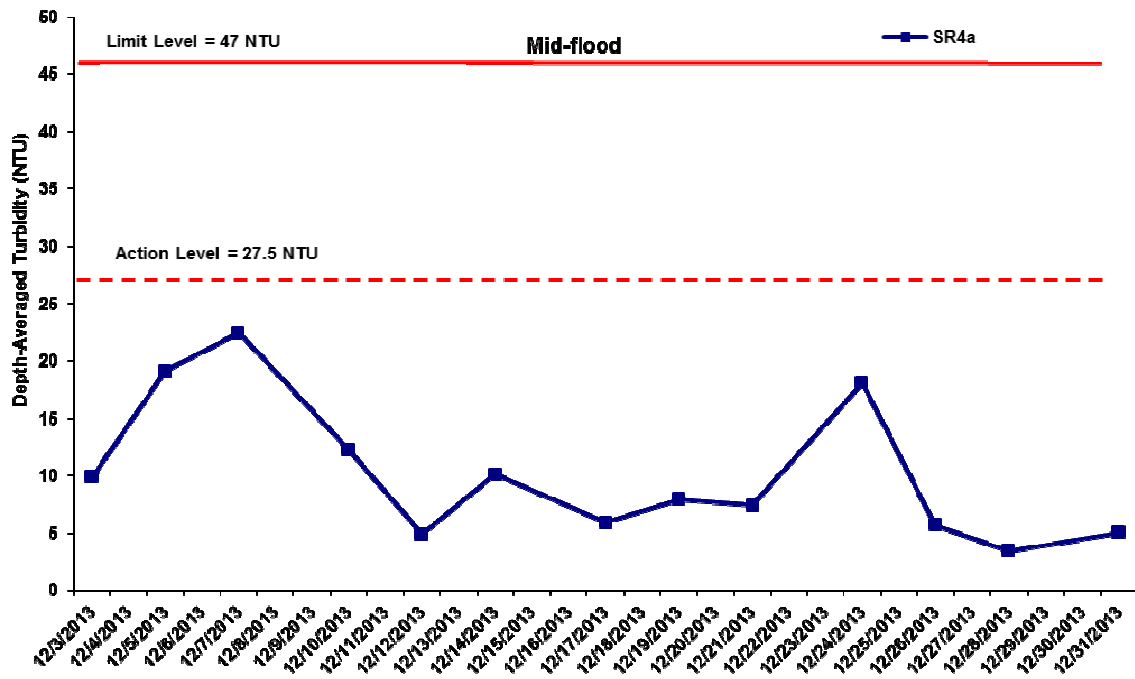


Figure J28 Impact Monitoring – Mean Level of depth-averaged Turbidity (NTU) during mid-flood tide between 1 to 31 December 2013 at SR4a.

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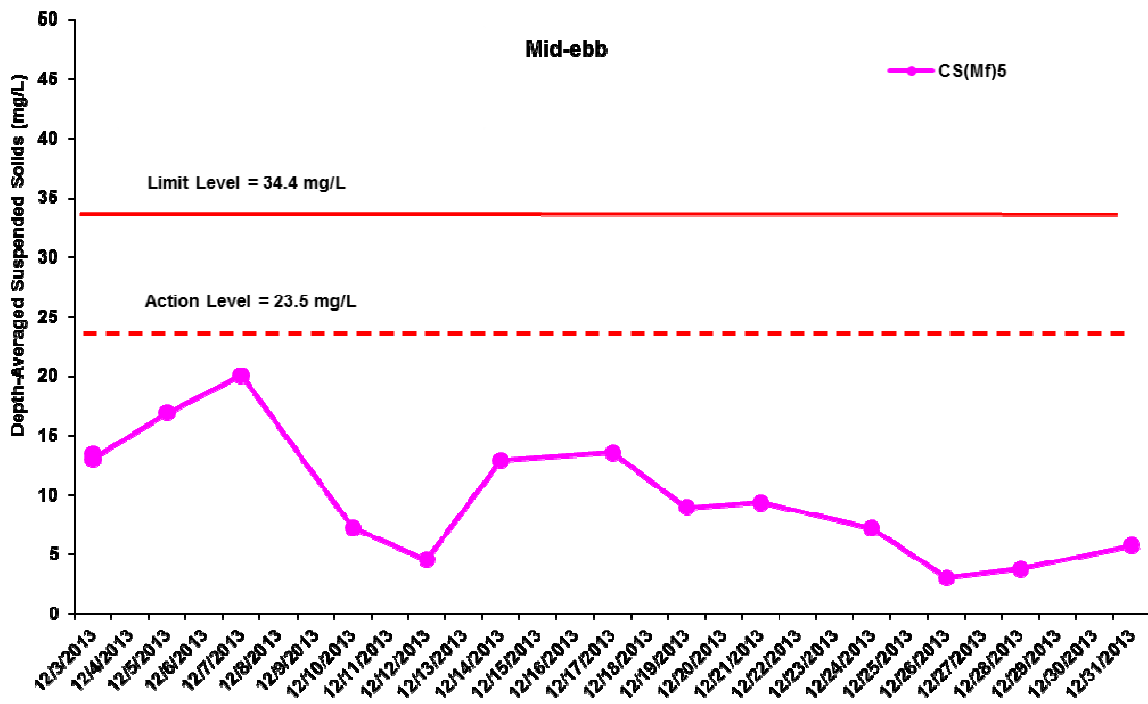
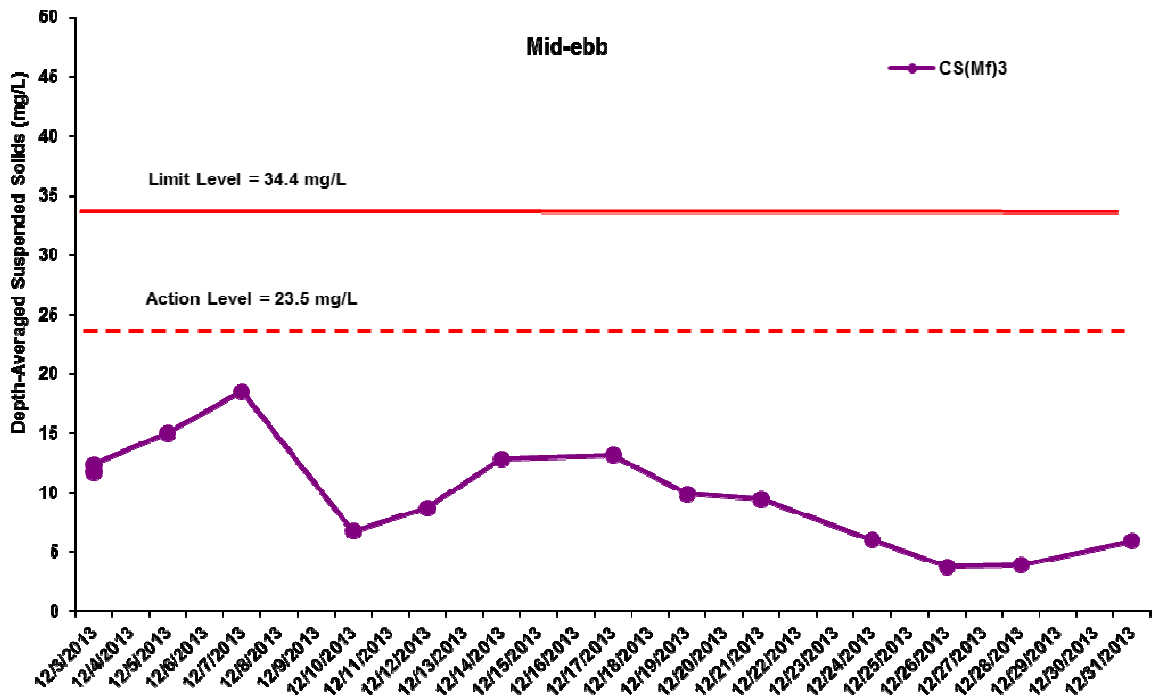


Figure J29 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-ebb tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

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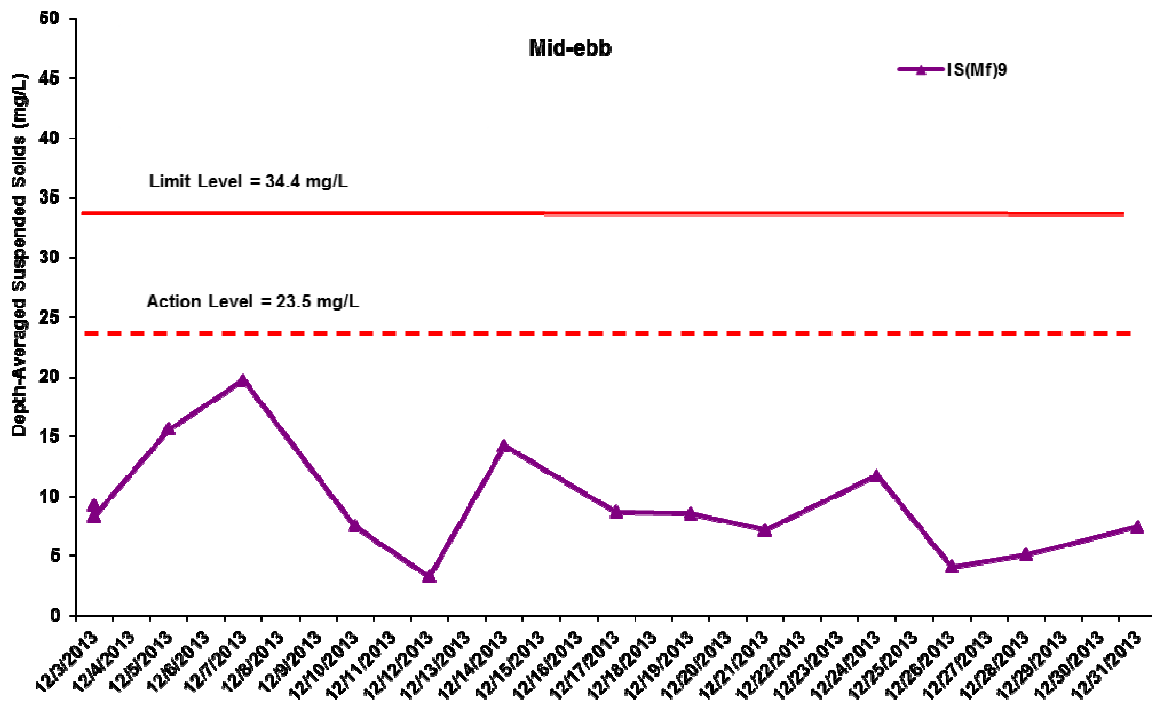
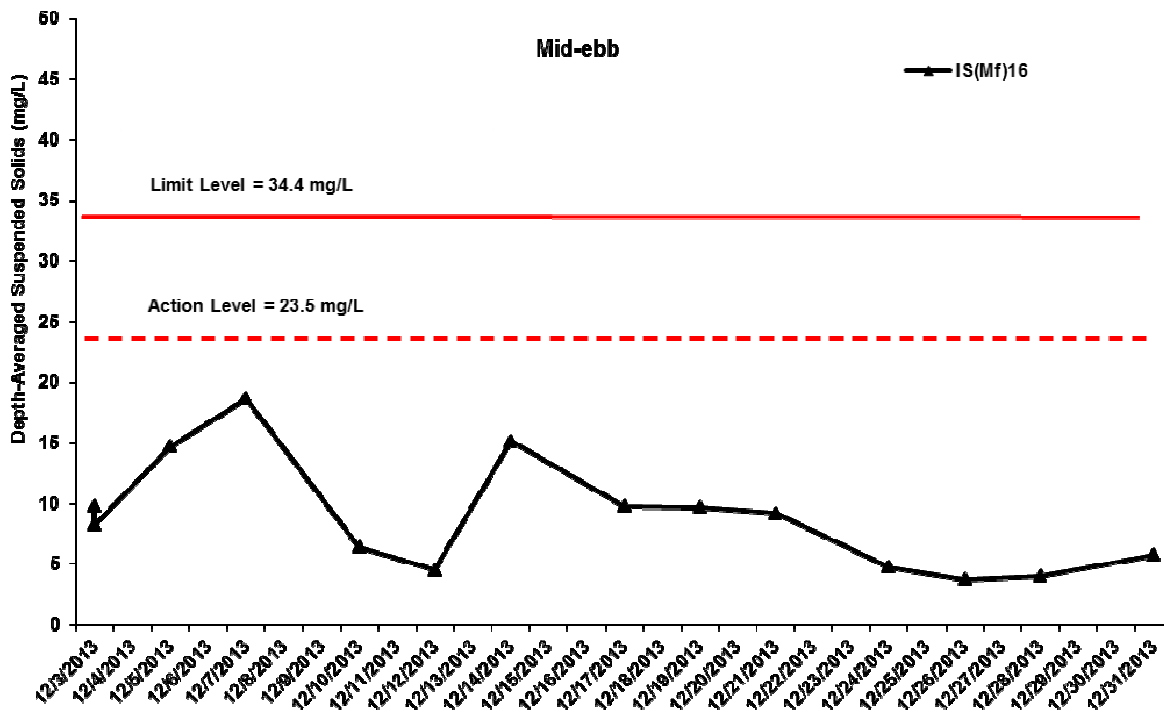


Figure J30 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-ebb tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9.

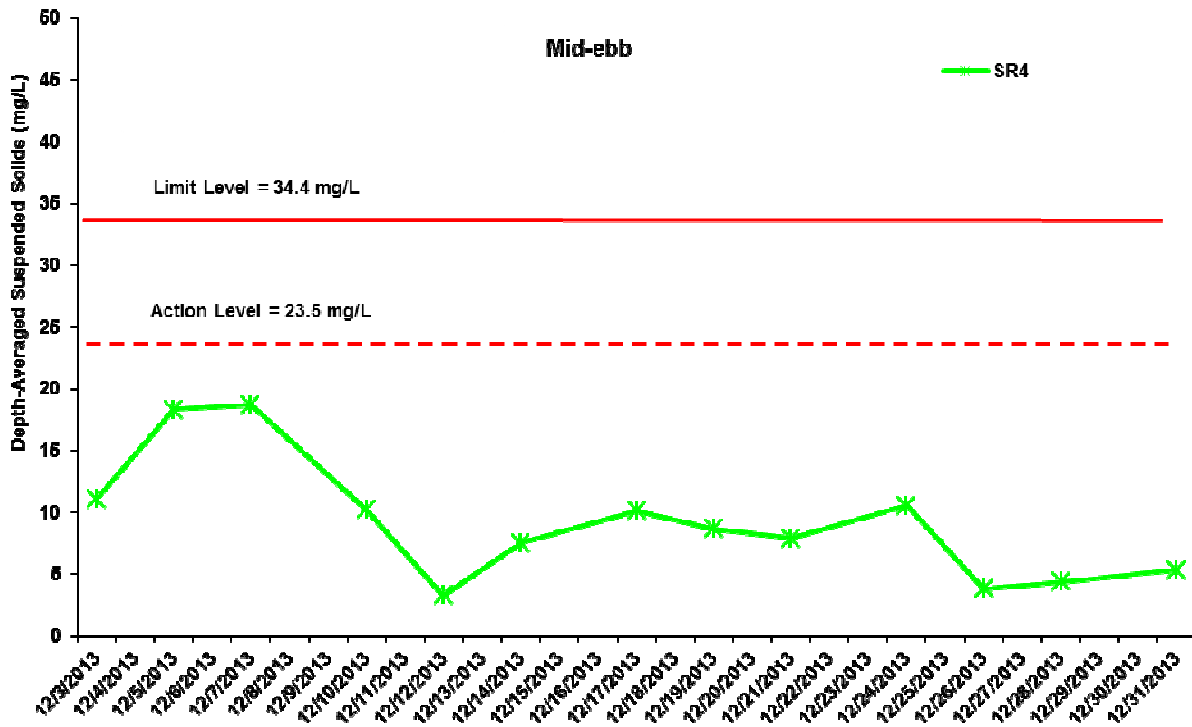
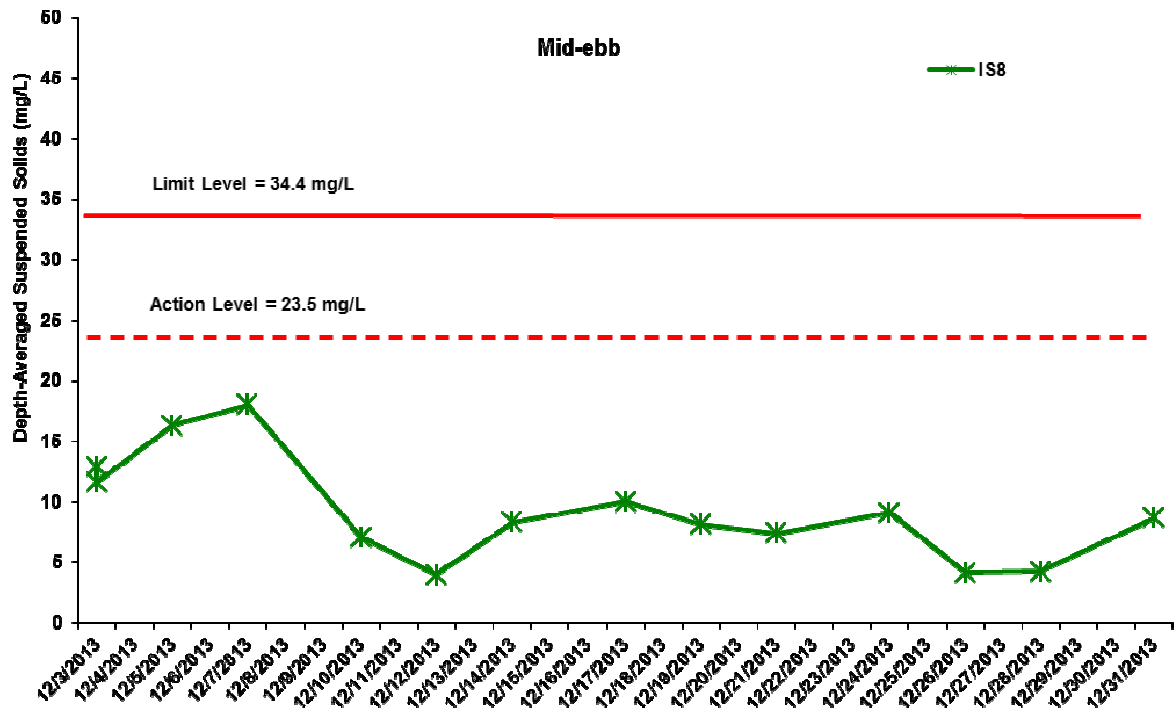


Figure J31 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-ebb tide between 1 to 31 December 2013 at IS8 and SR4.



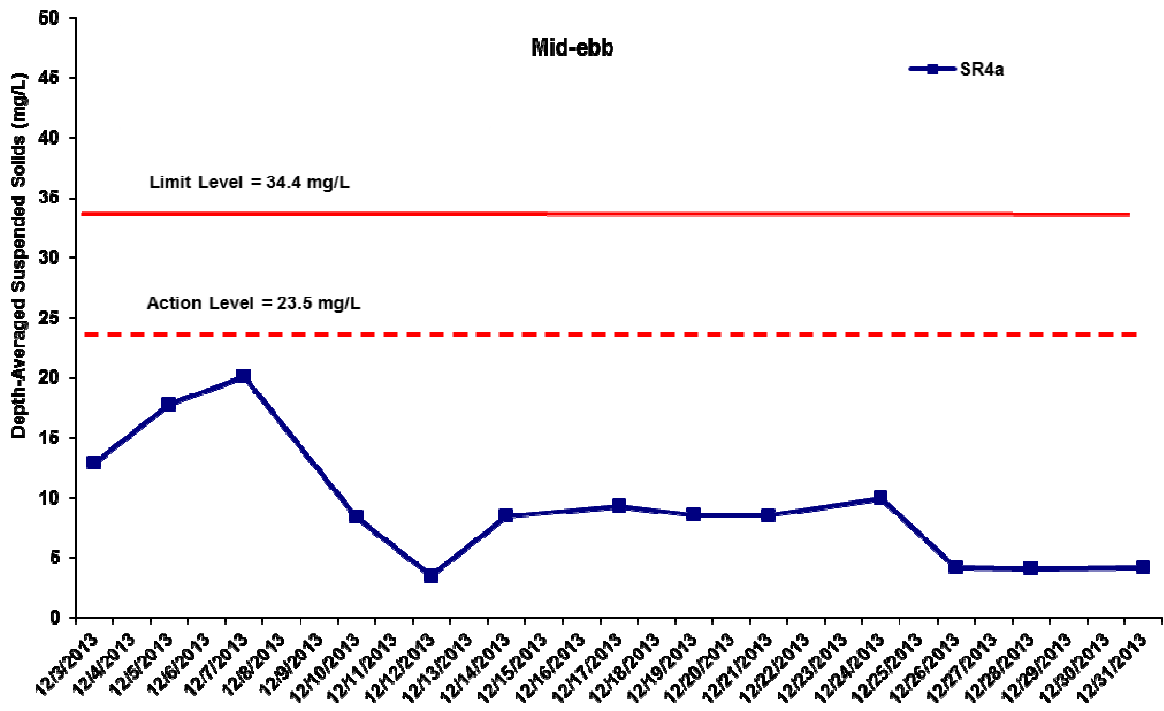


Figure J32 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-ebb tide between 1 to 31 December 2013 at SR4a.

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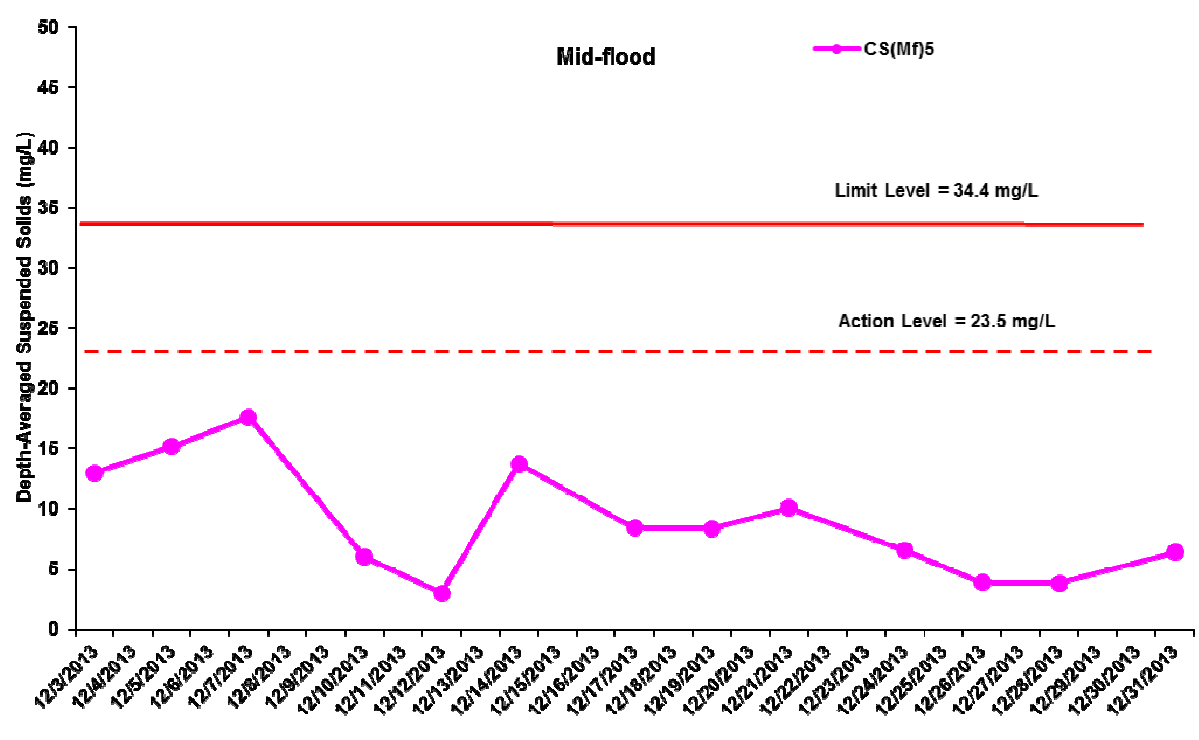
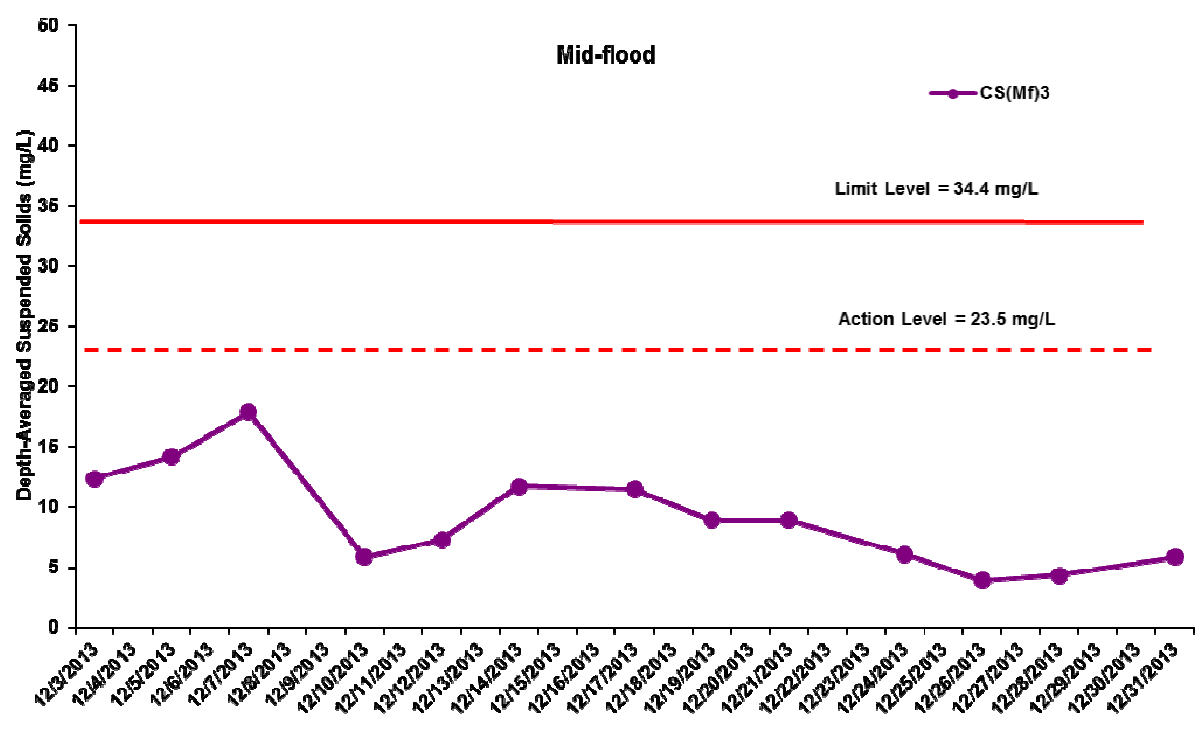


Figure J33 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-flood tide between 1 to 31 December 2013 at CS(Mf)3 and CS(Mf)5.

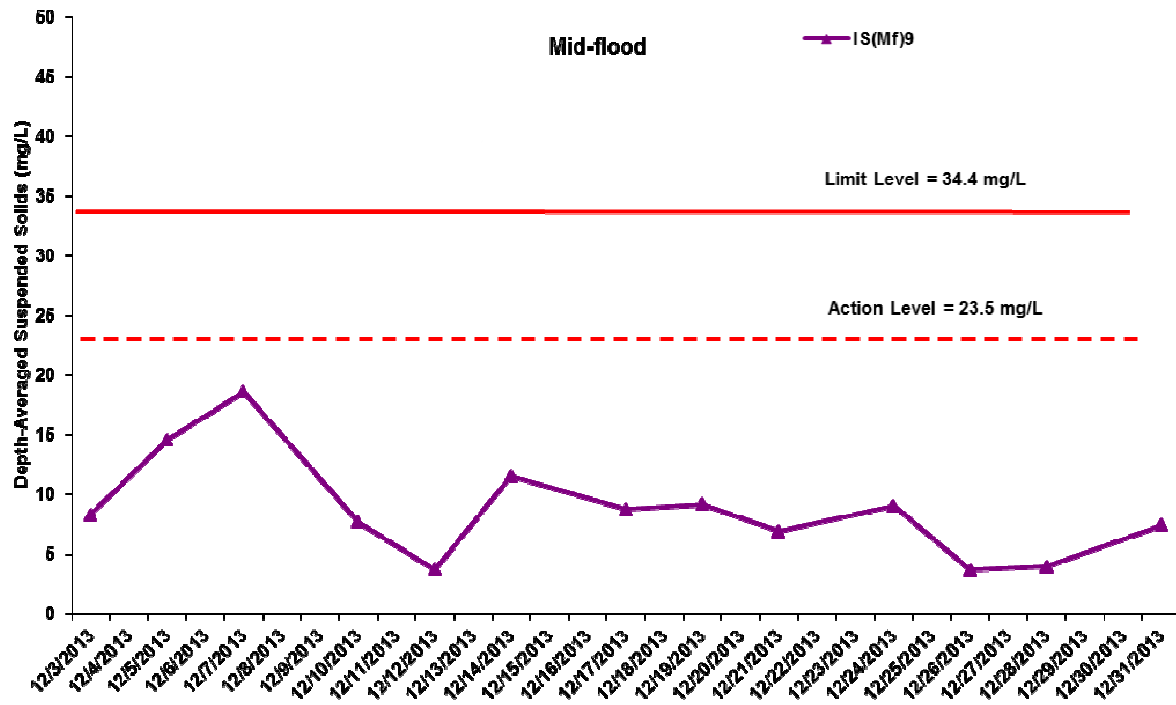
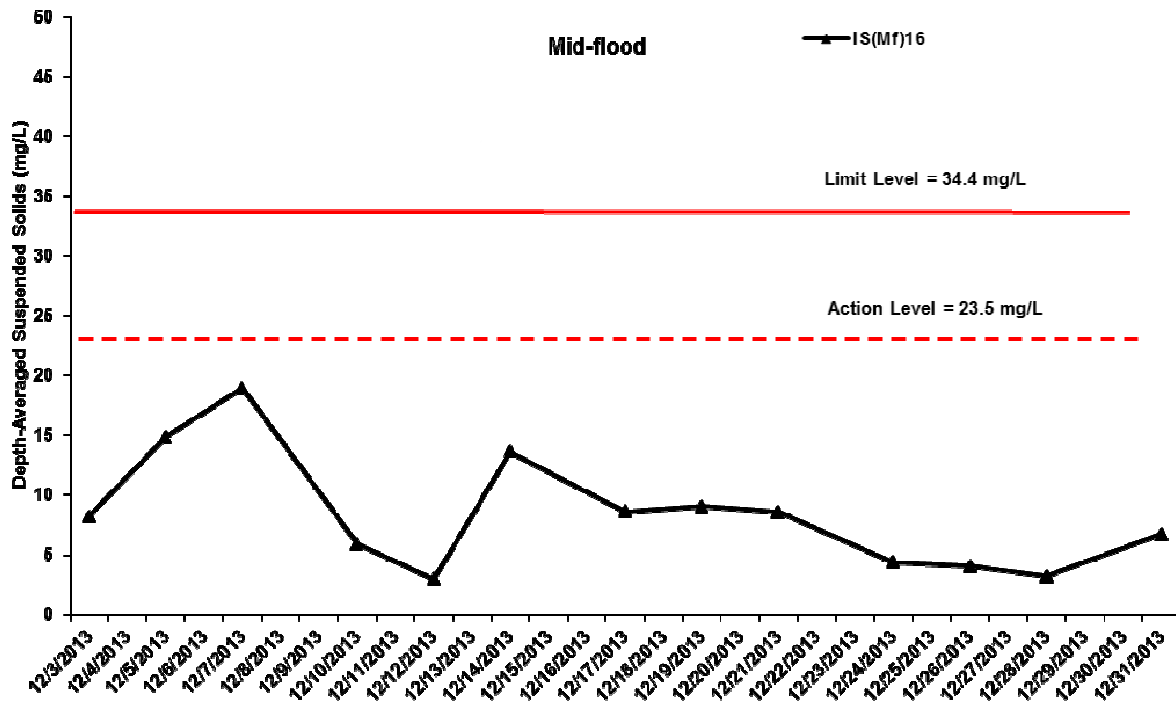


Figure J34 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-flood tide between 1 to 31 December 2013 at IS(Mf)16 and IS(Mf)9 .



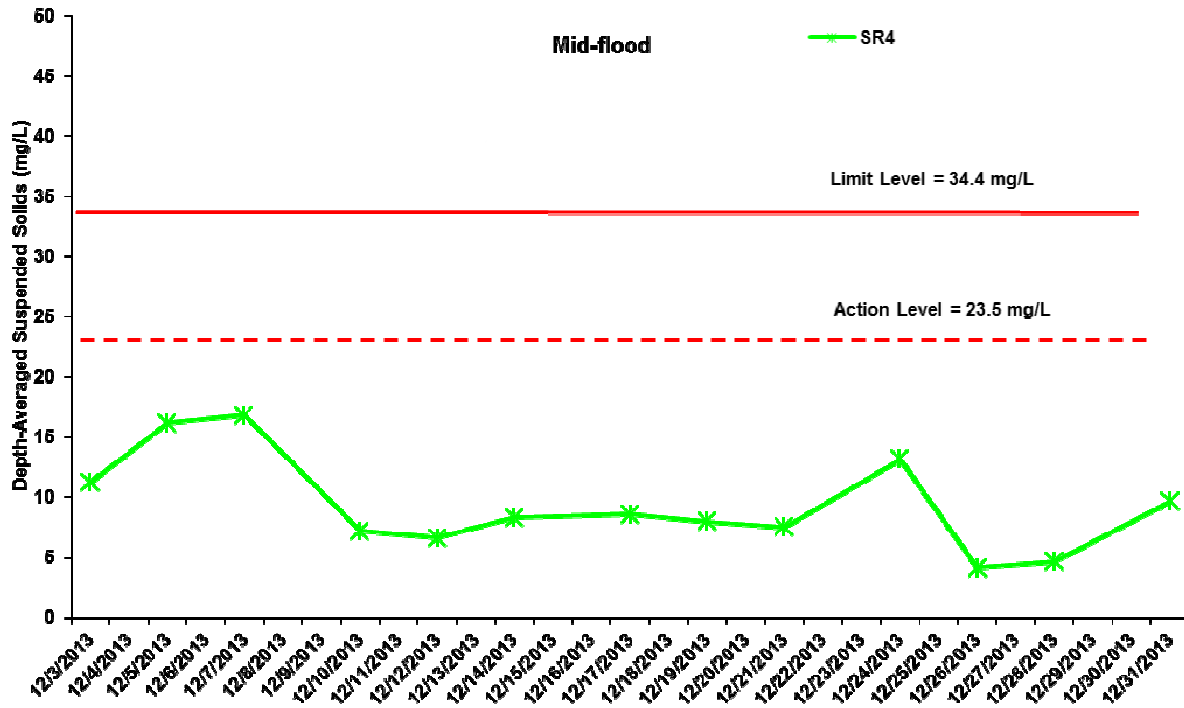
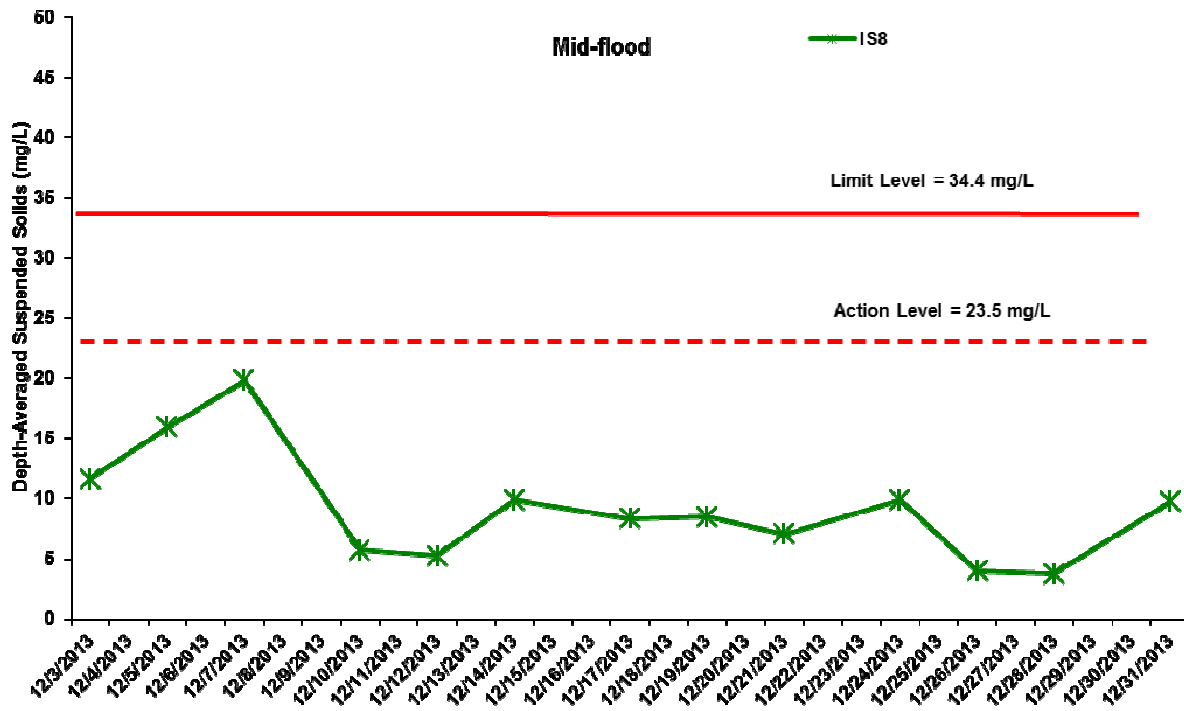


Figure J35 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-flood tide between 1 to 31 December 2013 at IS8 and SR4.

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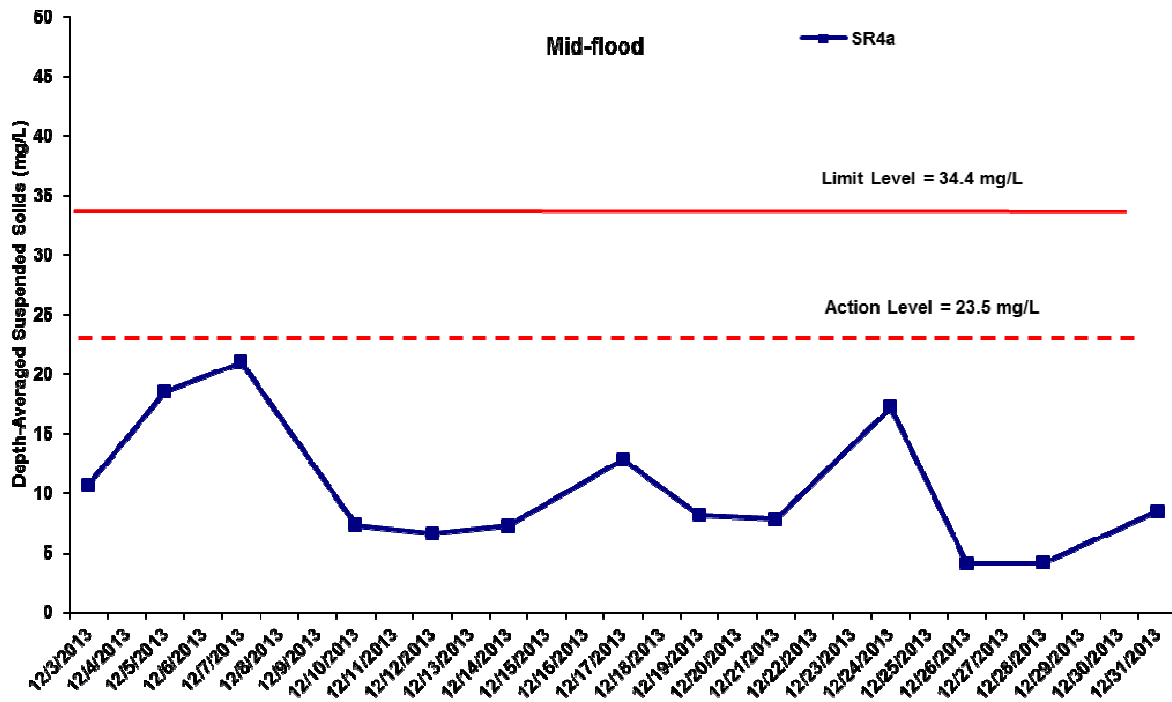


Figure J36 Impact Monitoring – Mean Level of depth-averaged Suspended Solids (mg/L) during mid-flood tide between 1 to 31 December 2013 at SR4a.