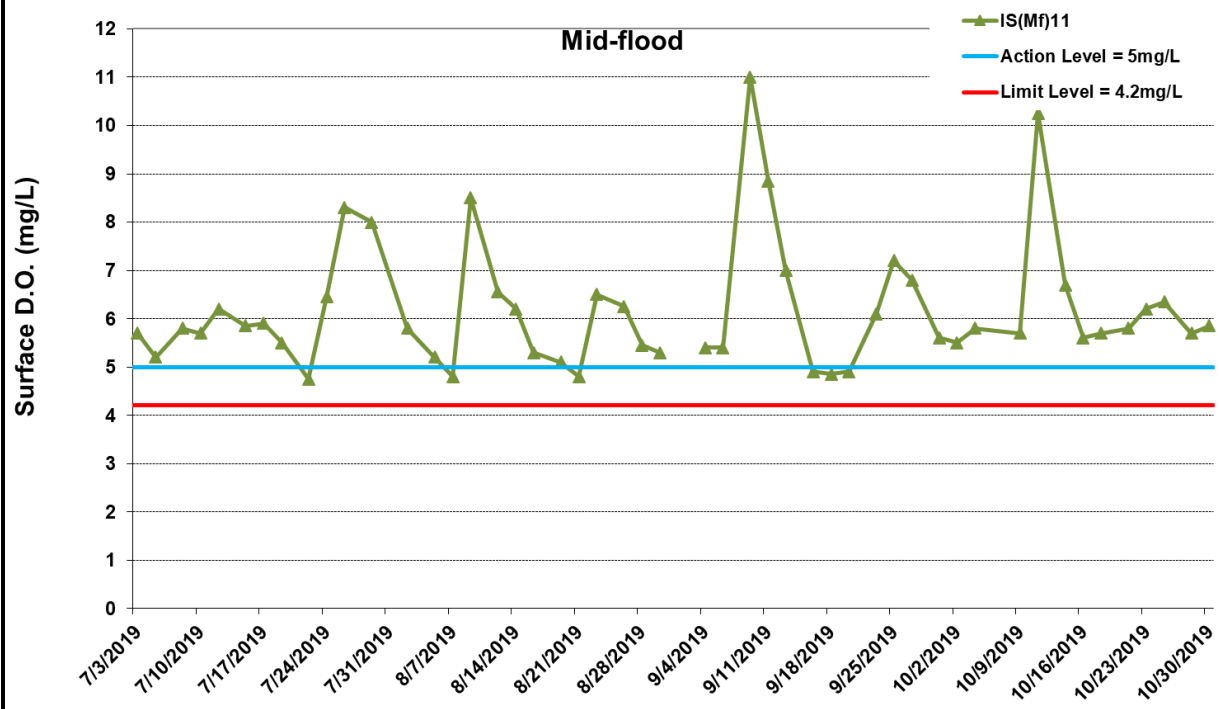
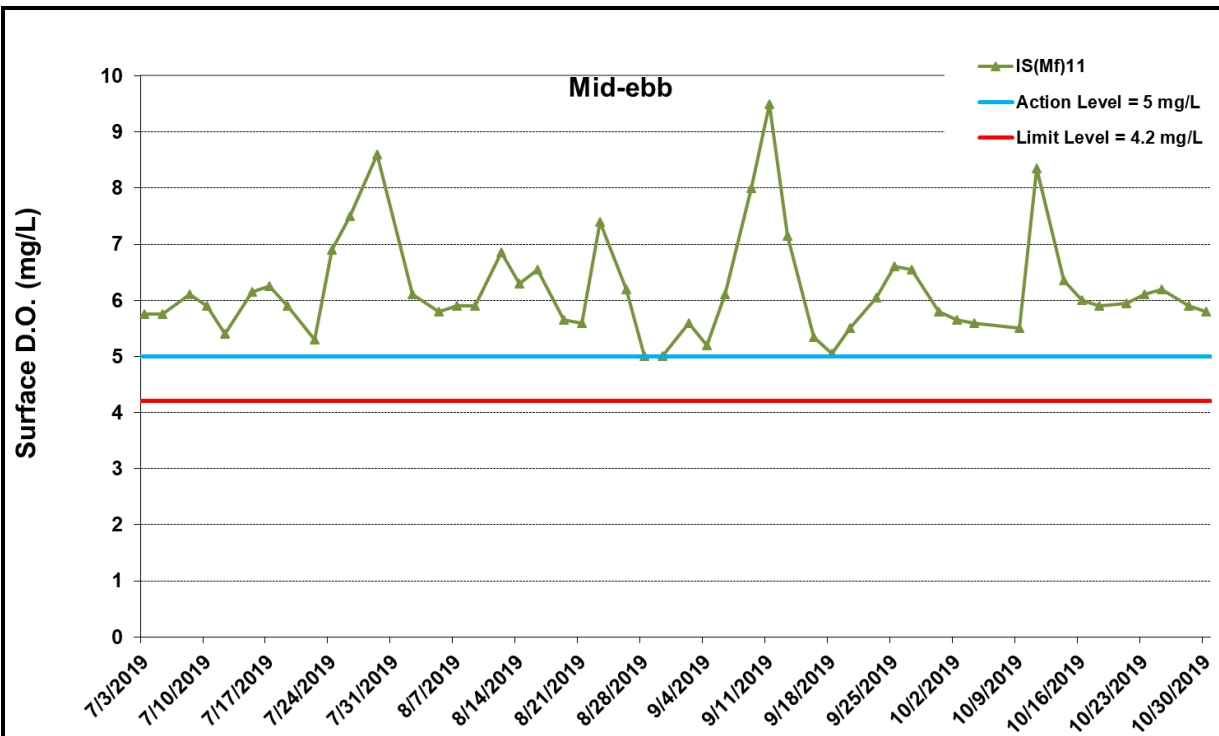


Appendix J

## Impact Water Quality Monitoring Results

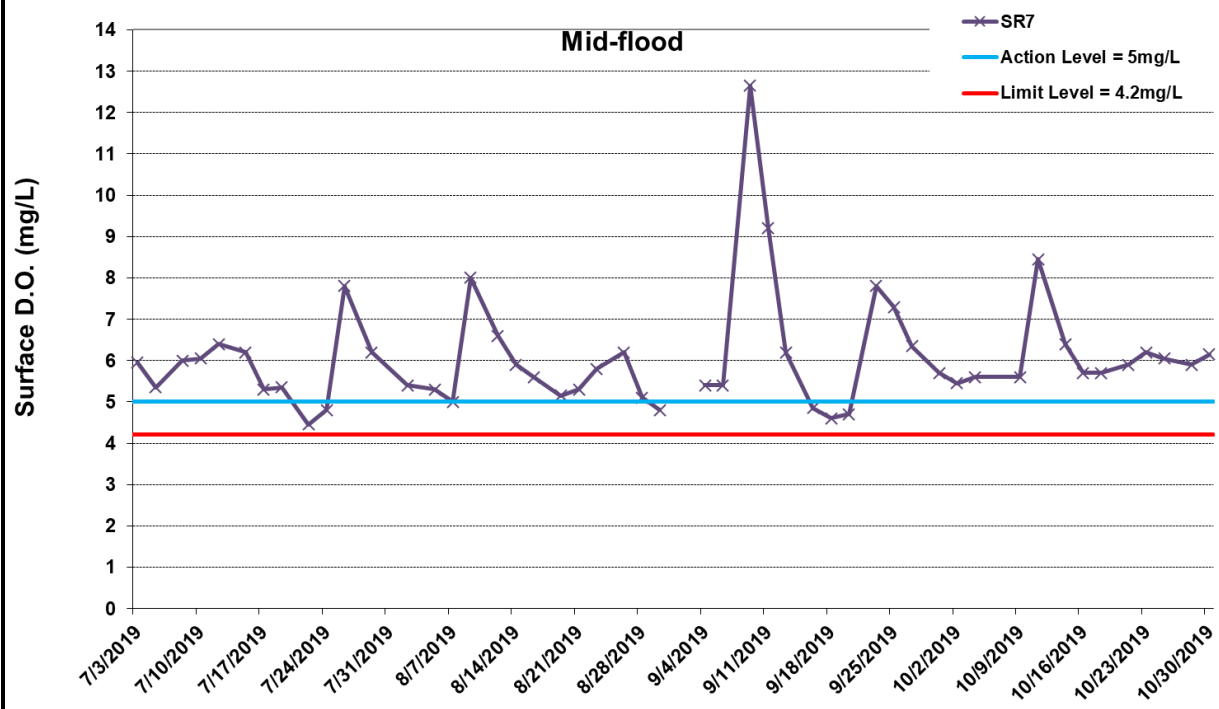
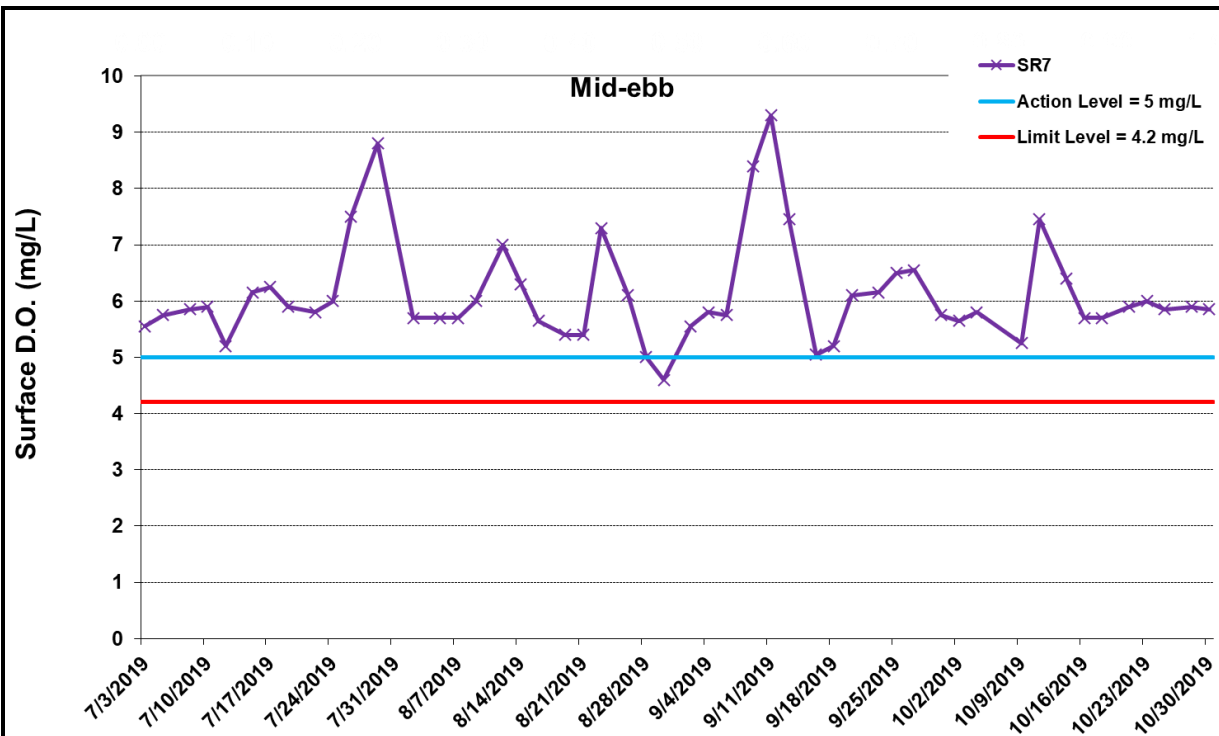


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.  
 \*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J1 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



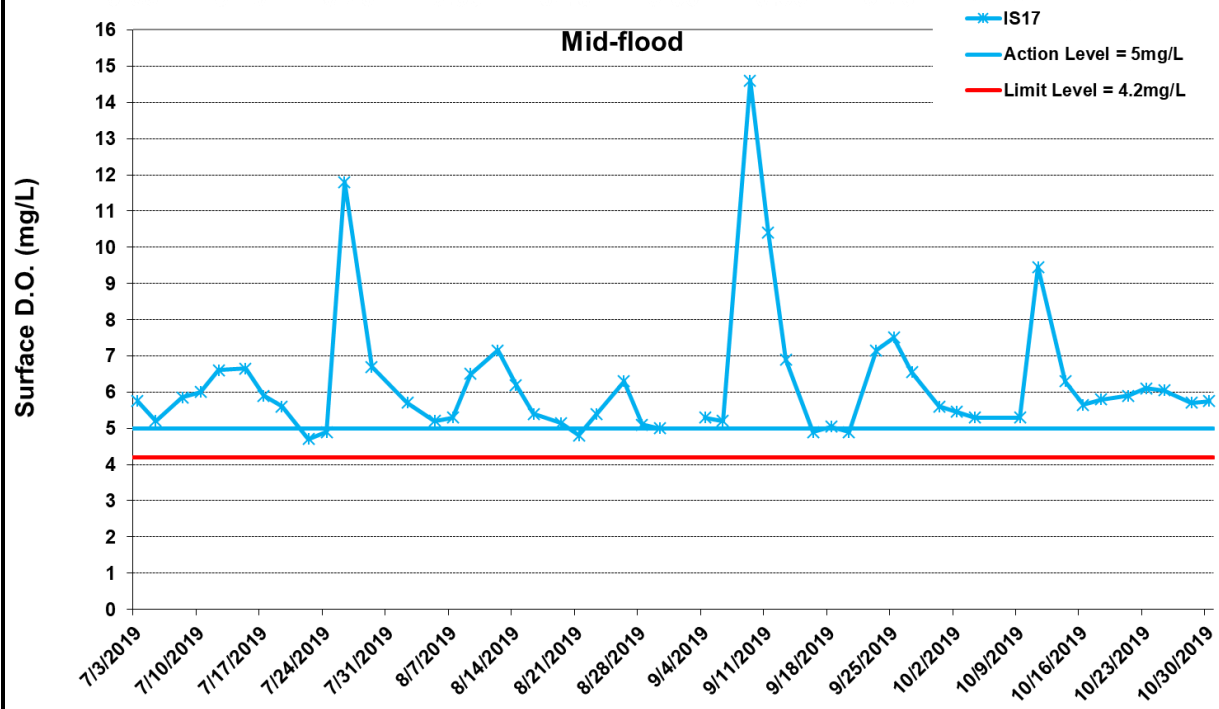
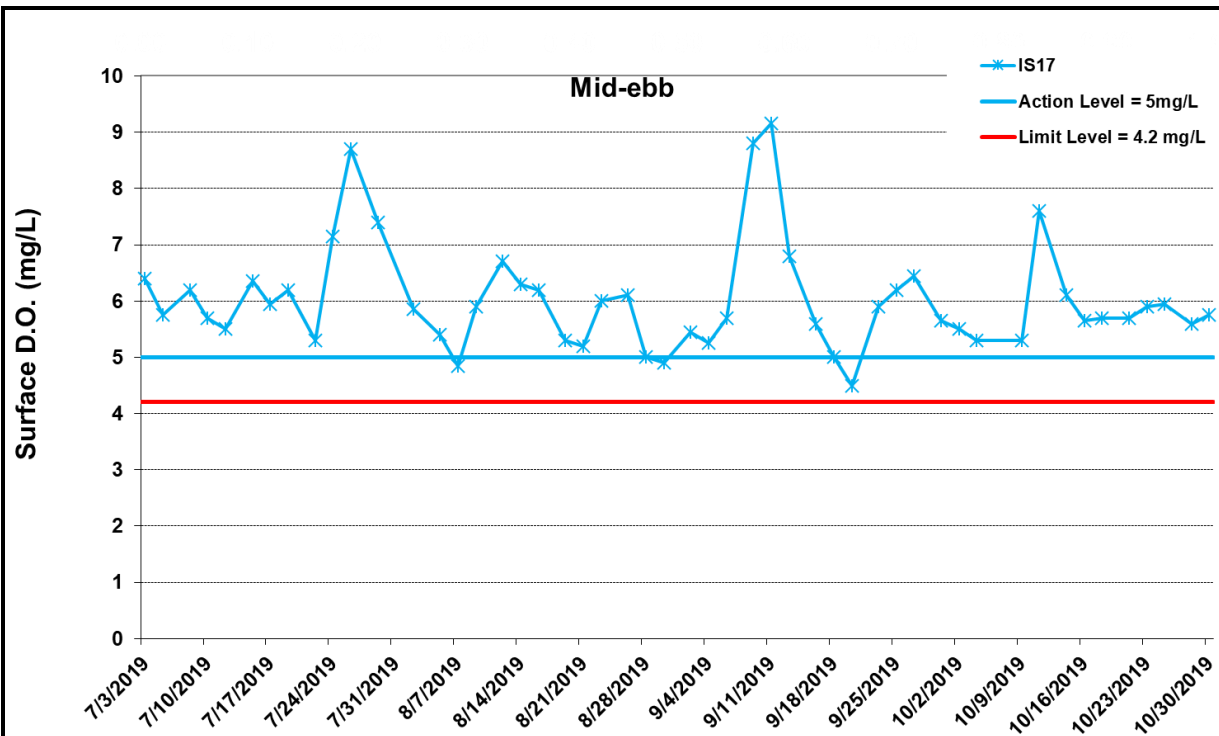
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J2 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

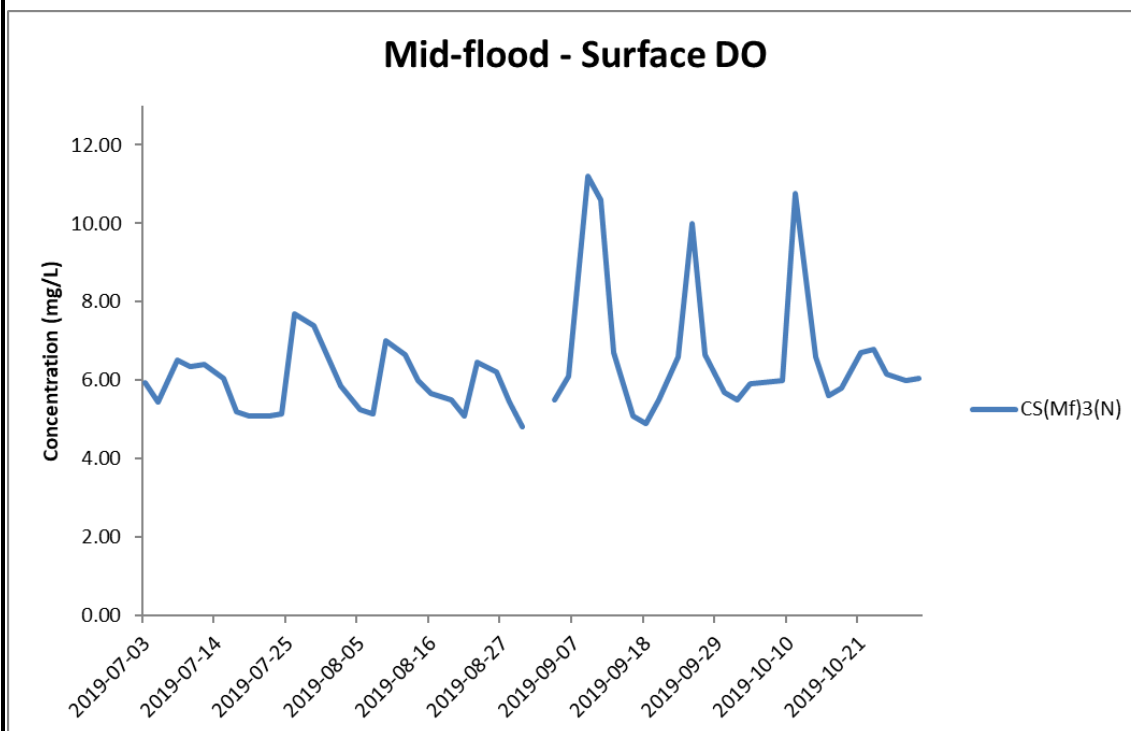
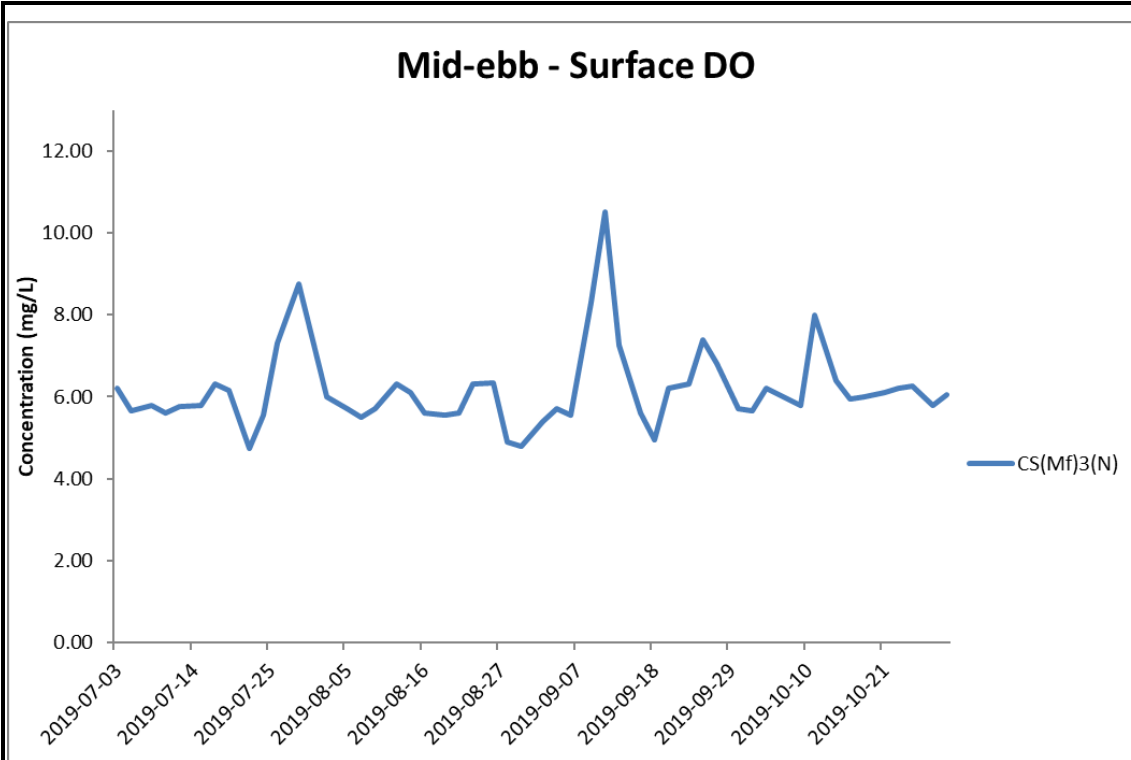




\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.  
 \*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J3 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

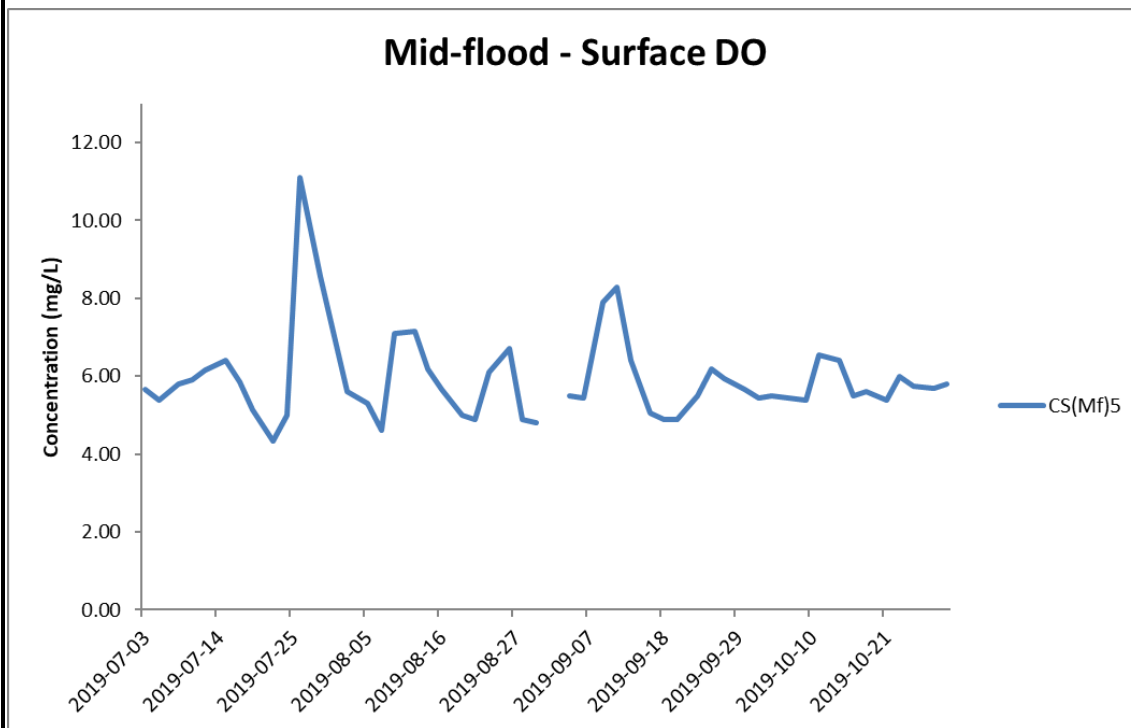
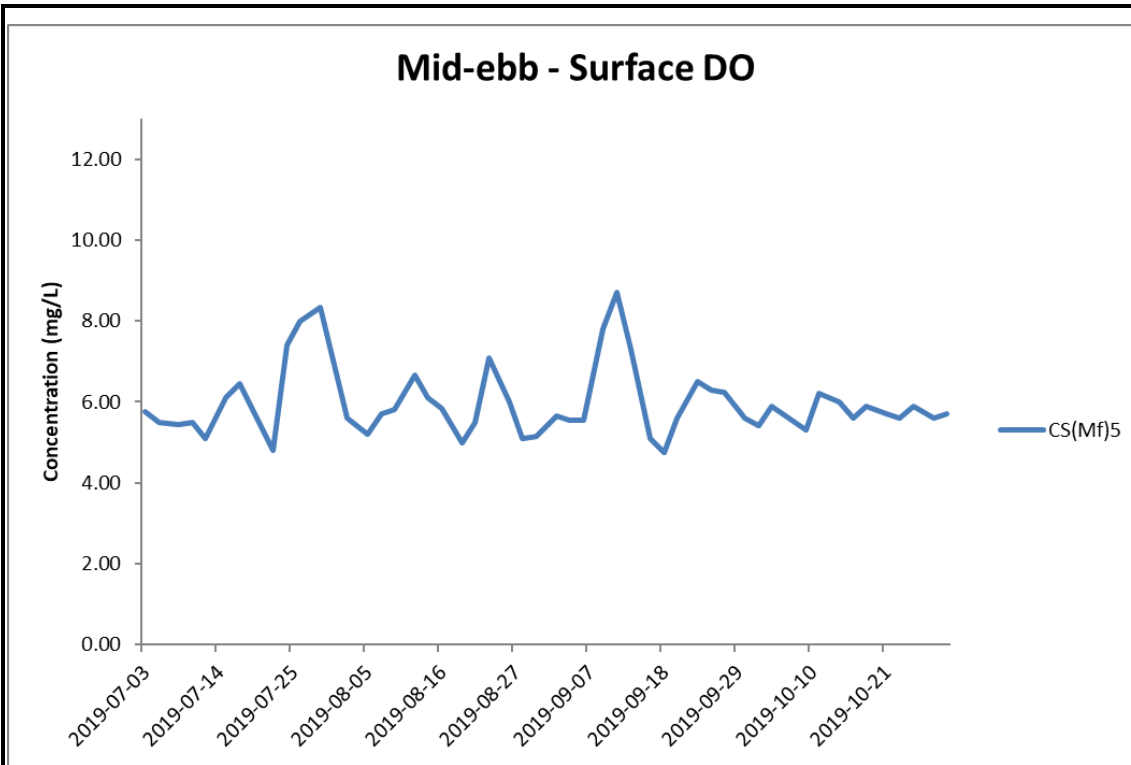




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J4 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

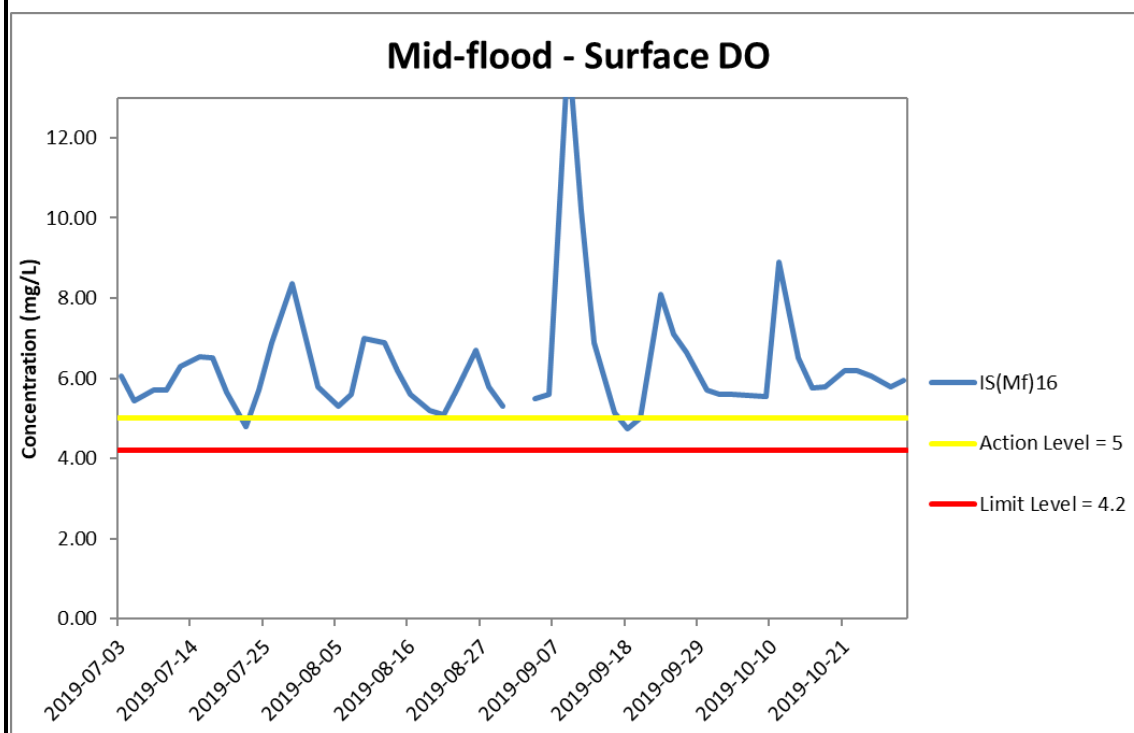
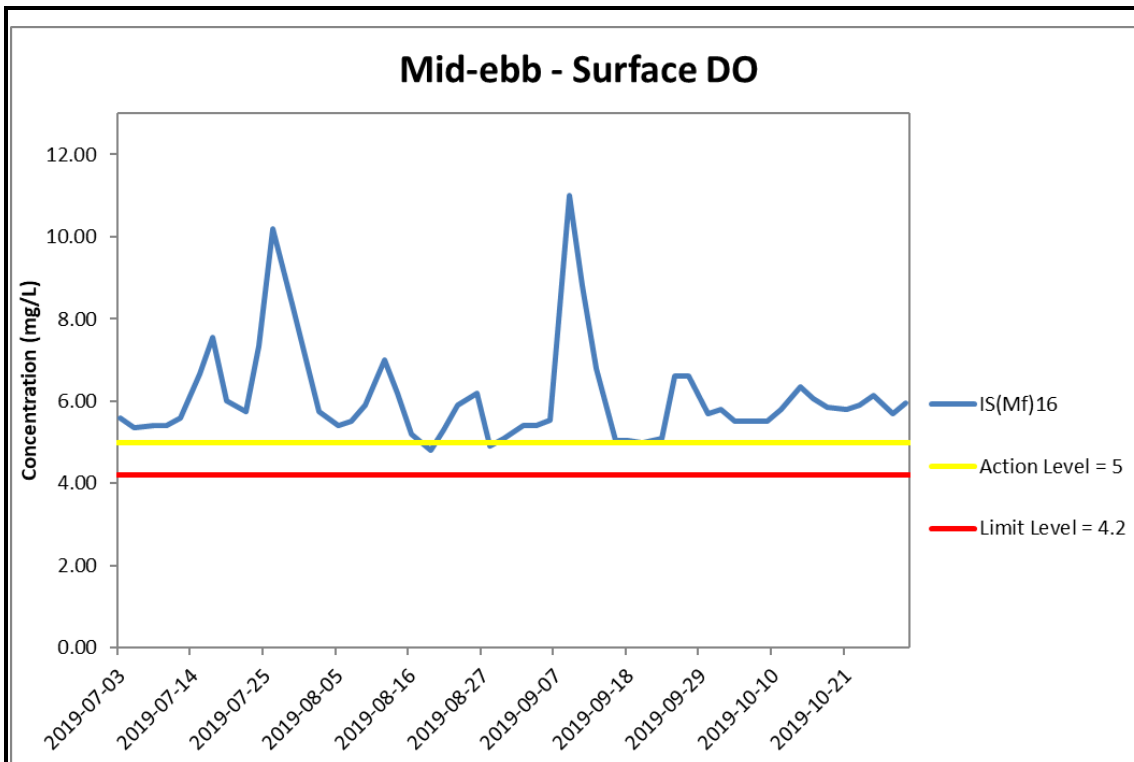




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

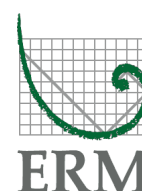
**Figure J5 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

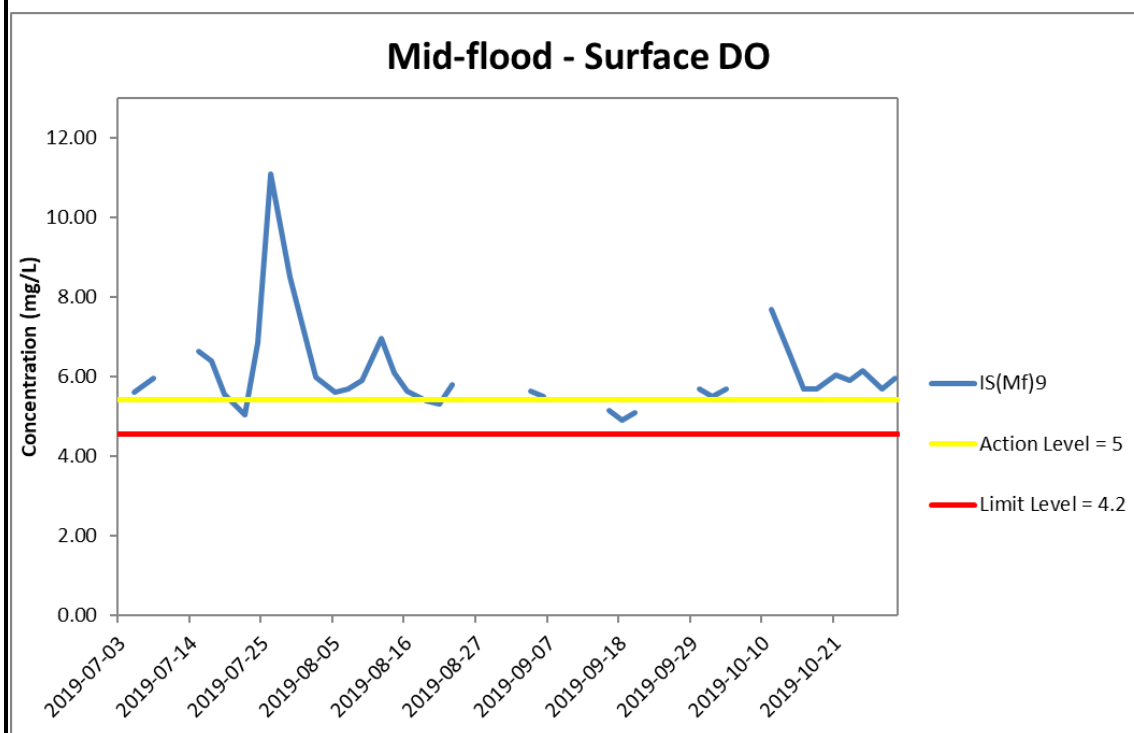
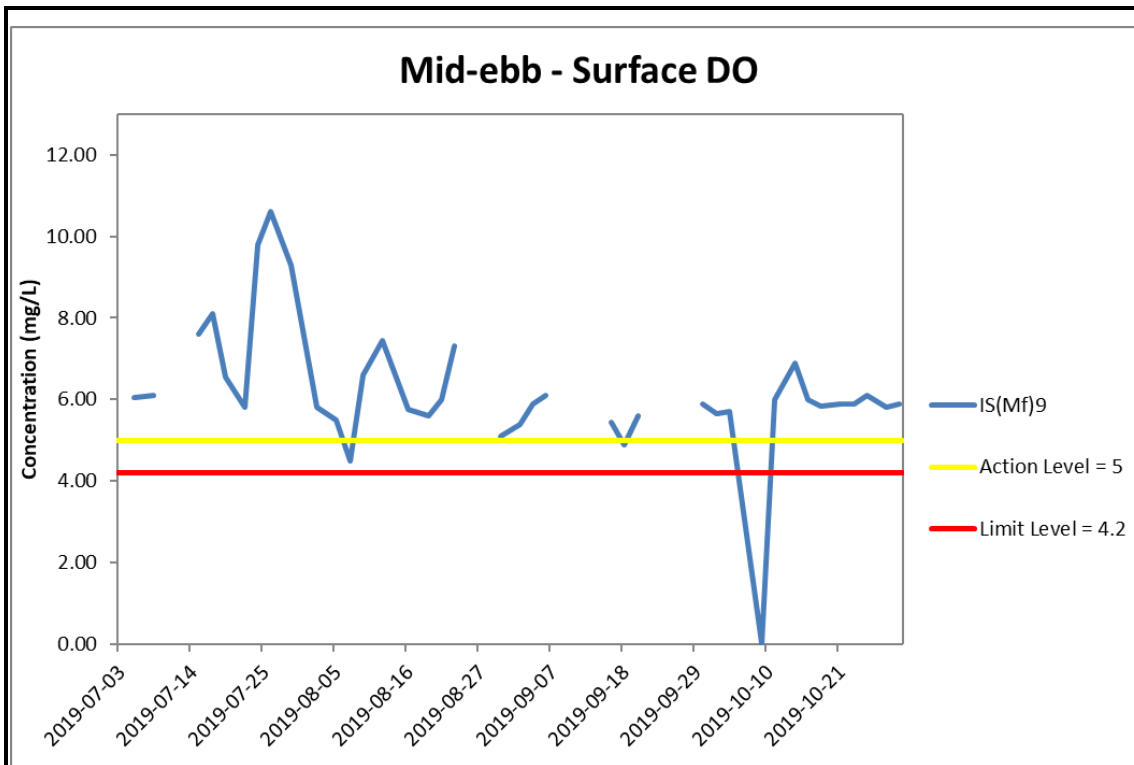




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

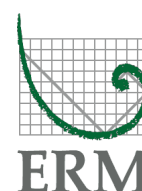
**Figure J6 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



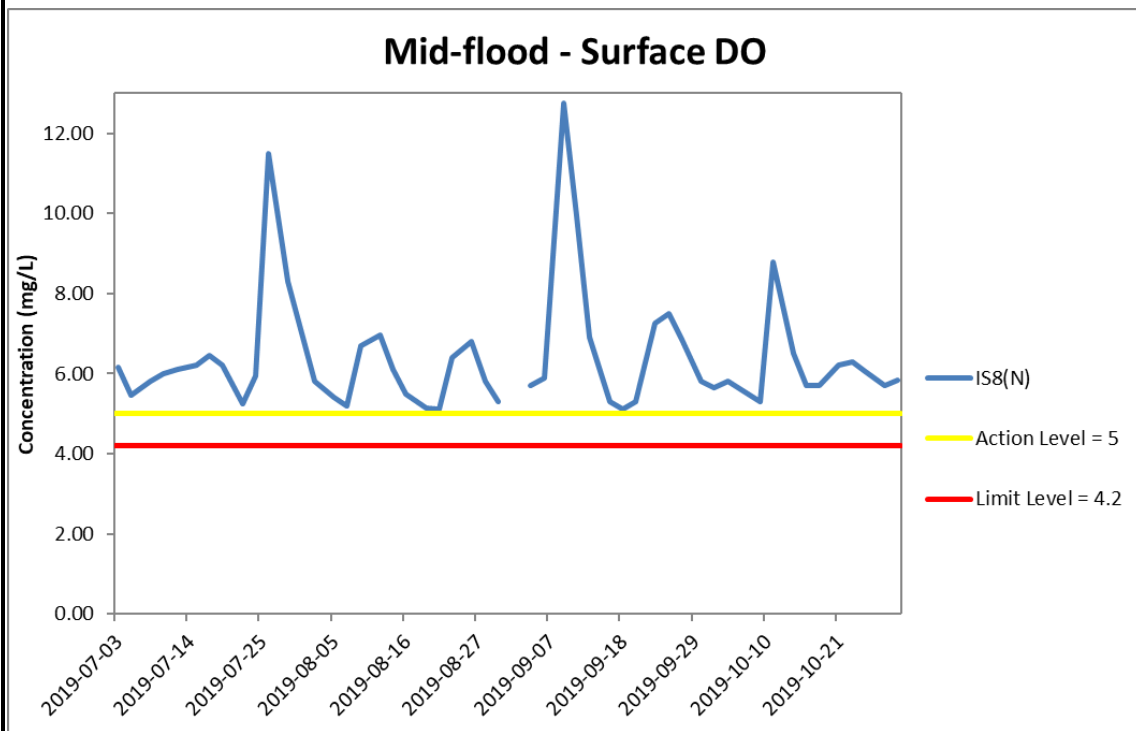
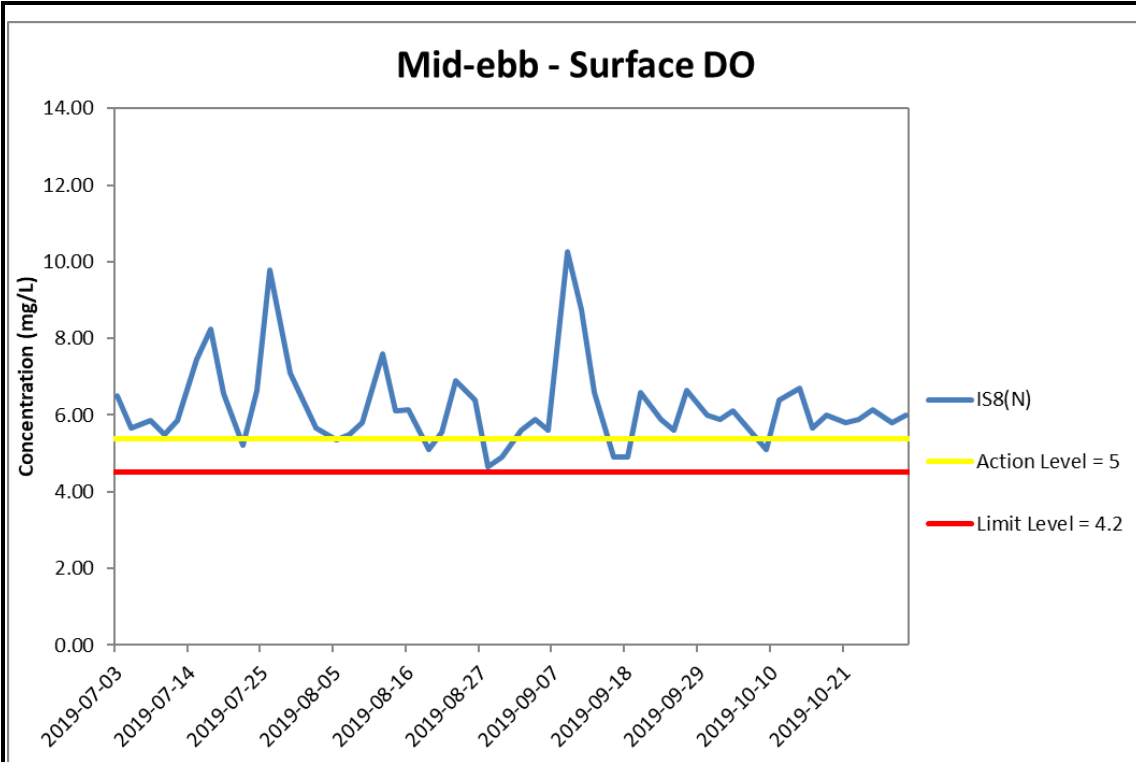


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J7 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



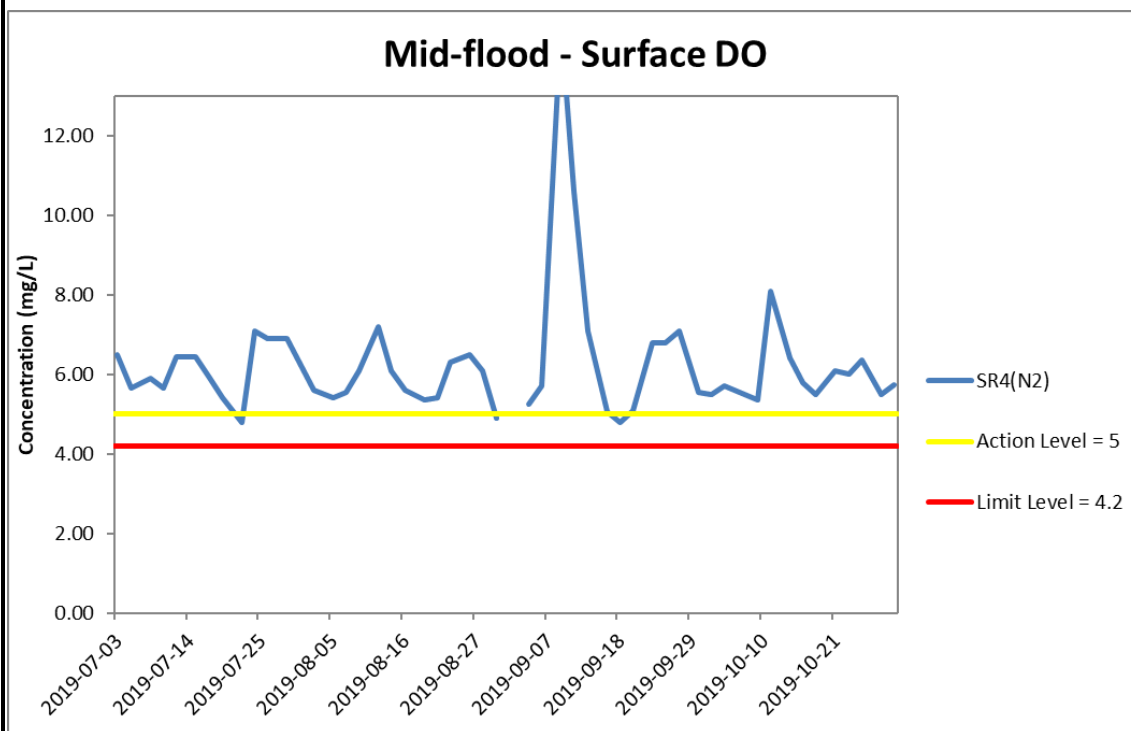
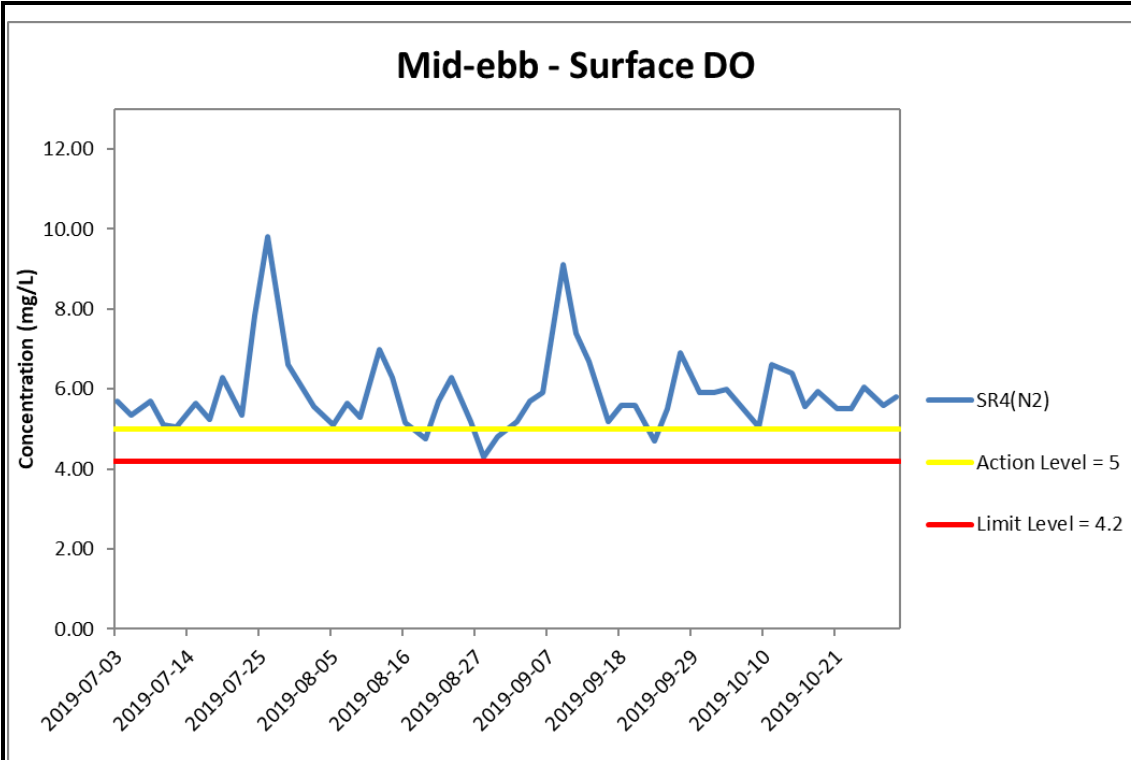




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

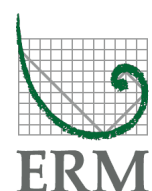
**Figure J8 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

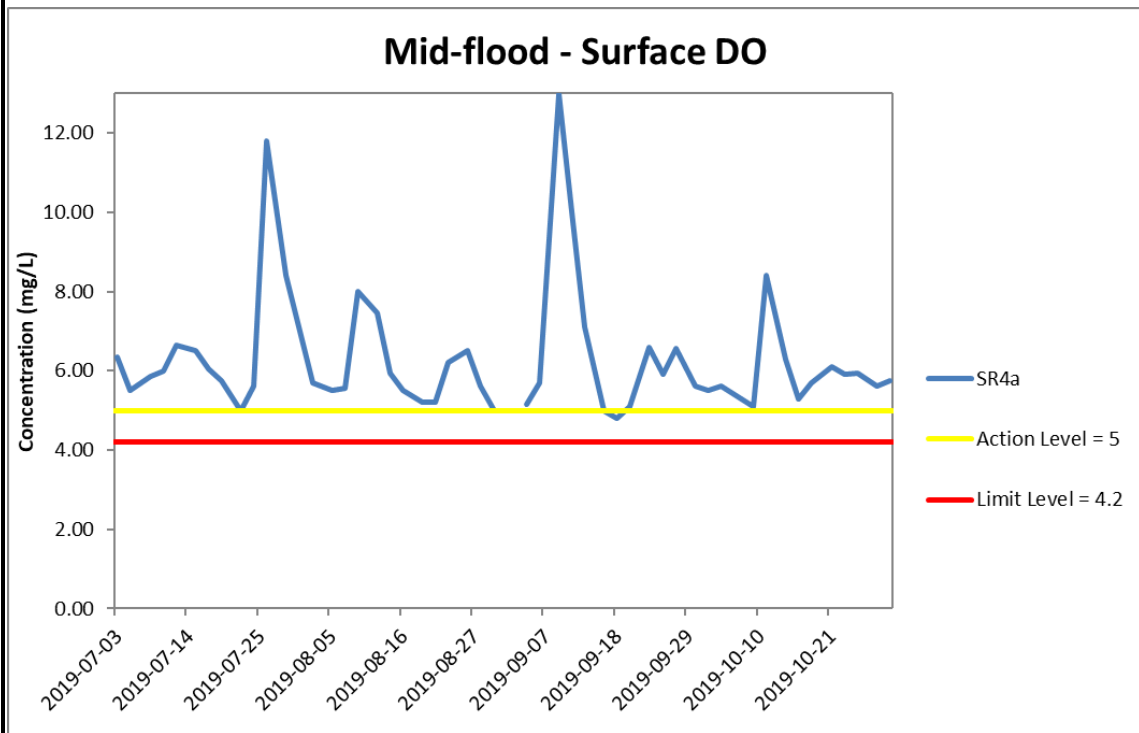
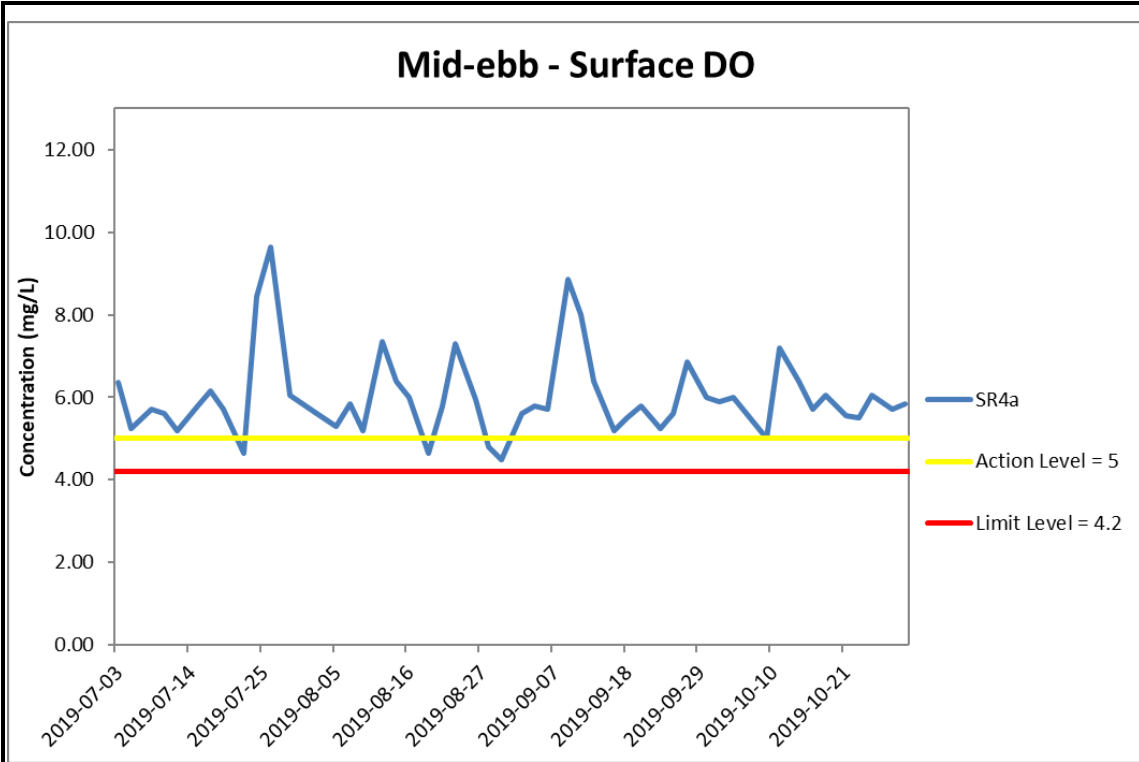




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J9 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



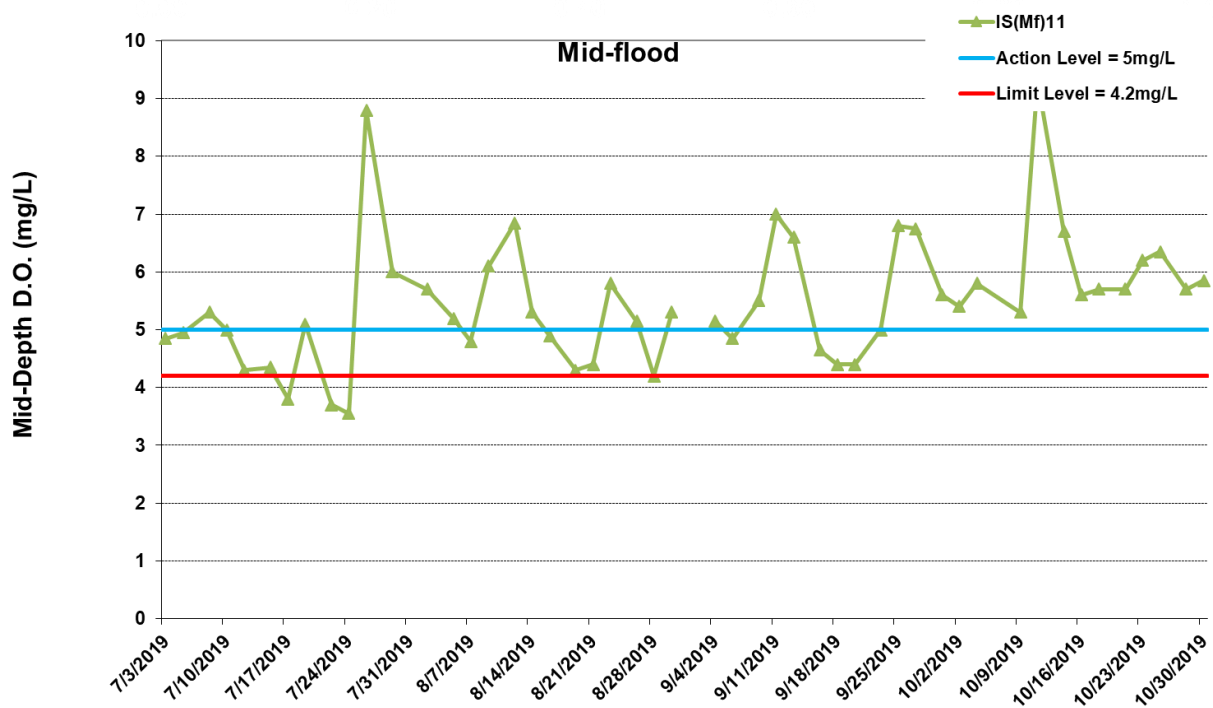
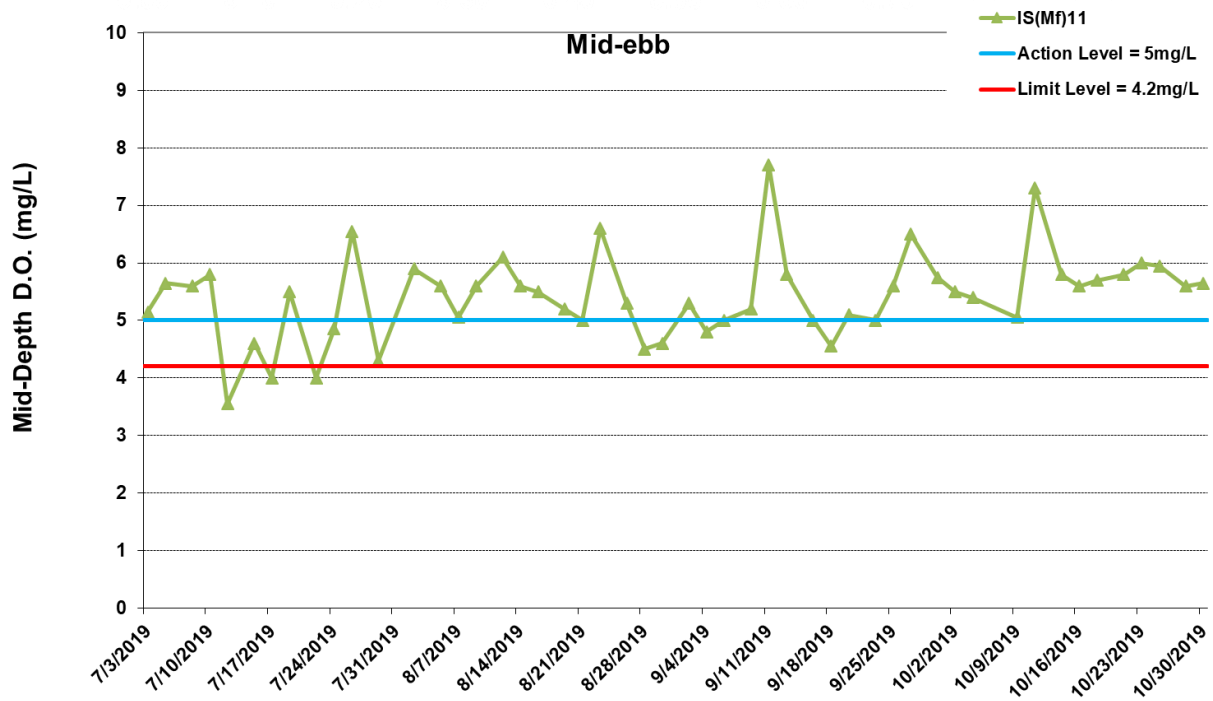


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J10 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 July 2019 and 31 October 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



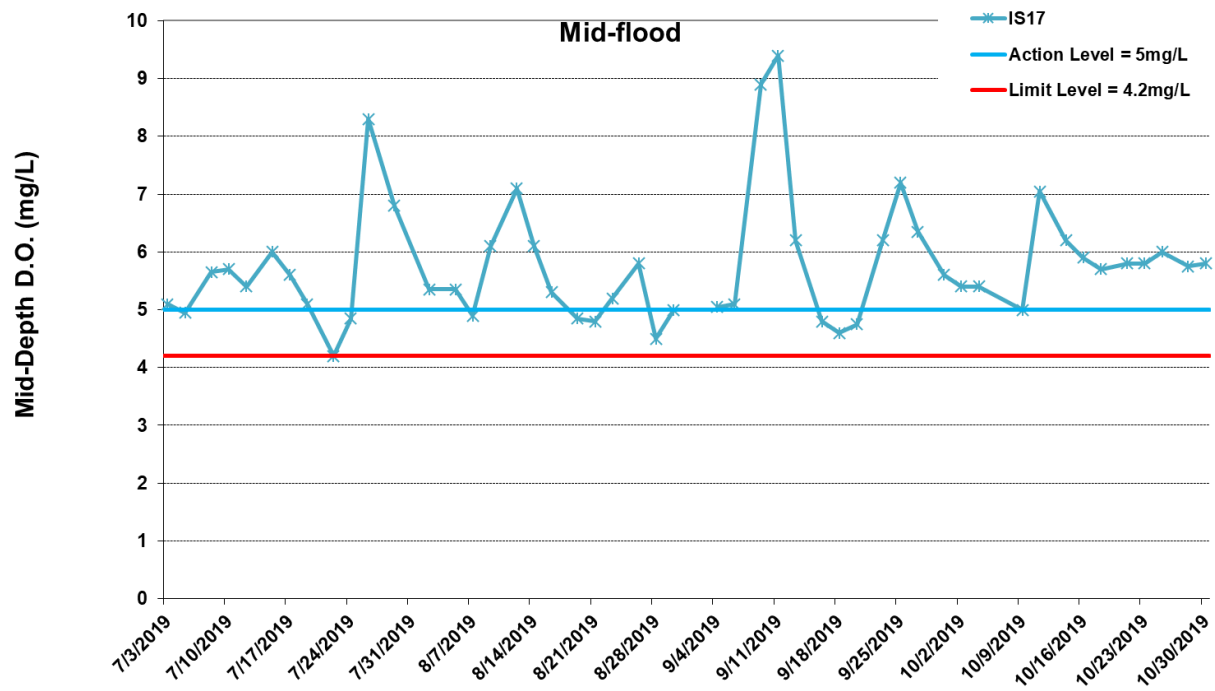
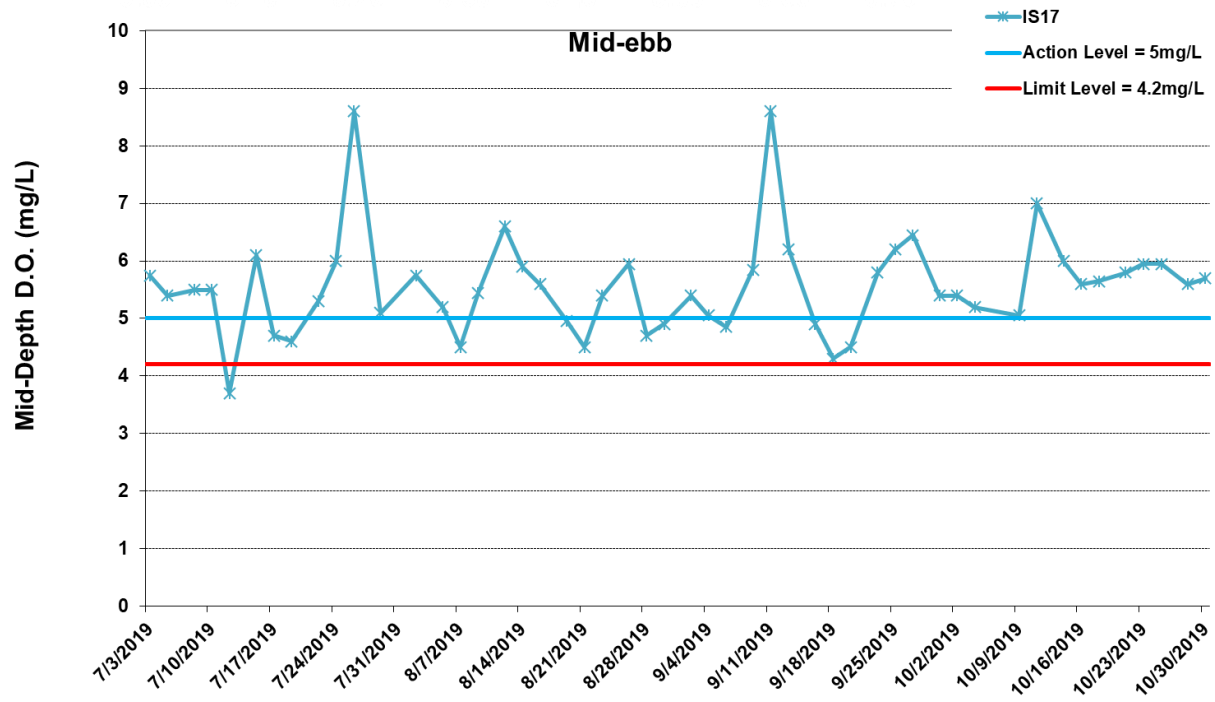
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*No data for Stations SR7 due to shallow water depth (< 6m).

\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J11 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 July 2019 and 31 October 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**





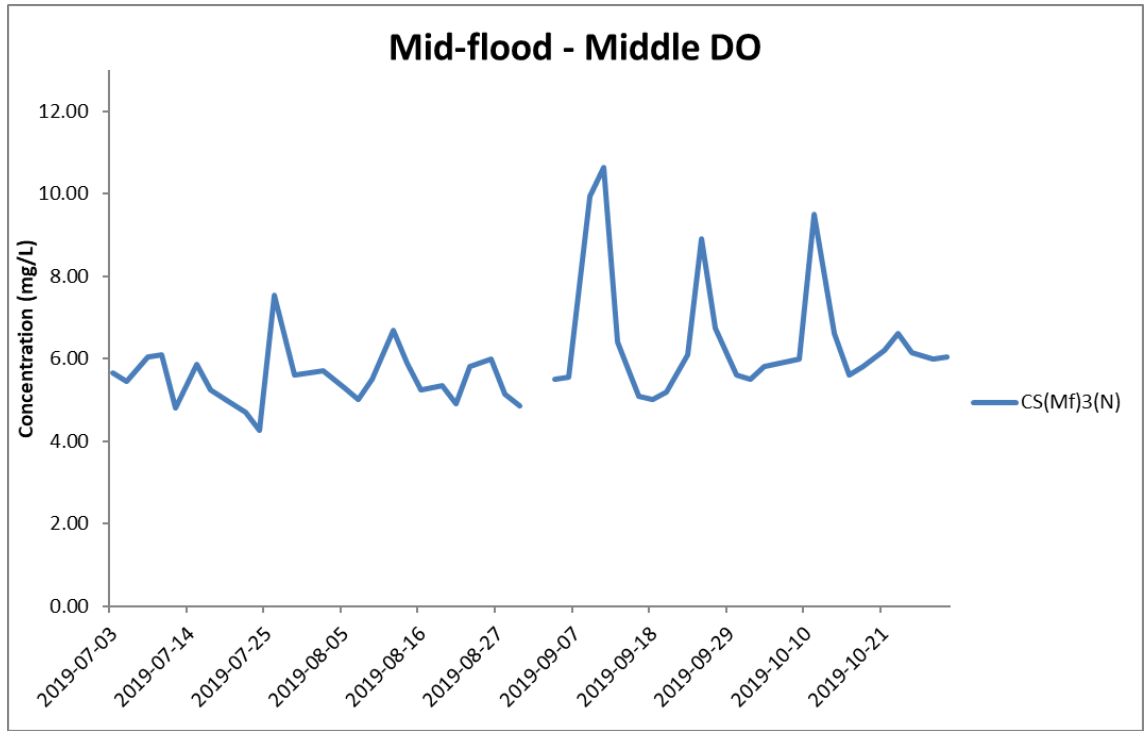
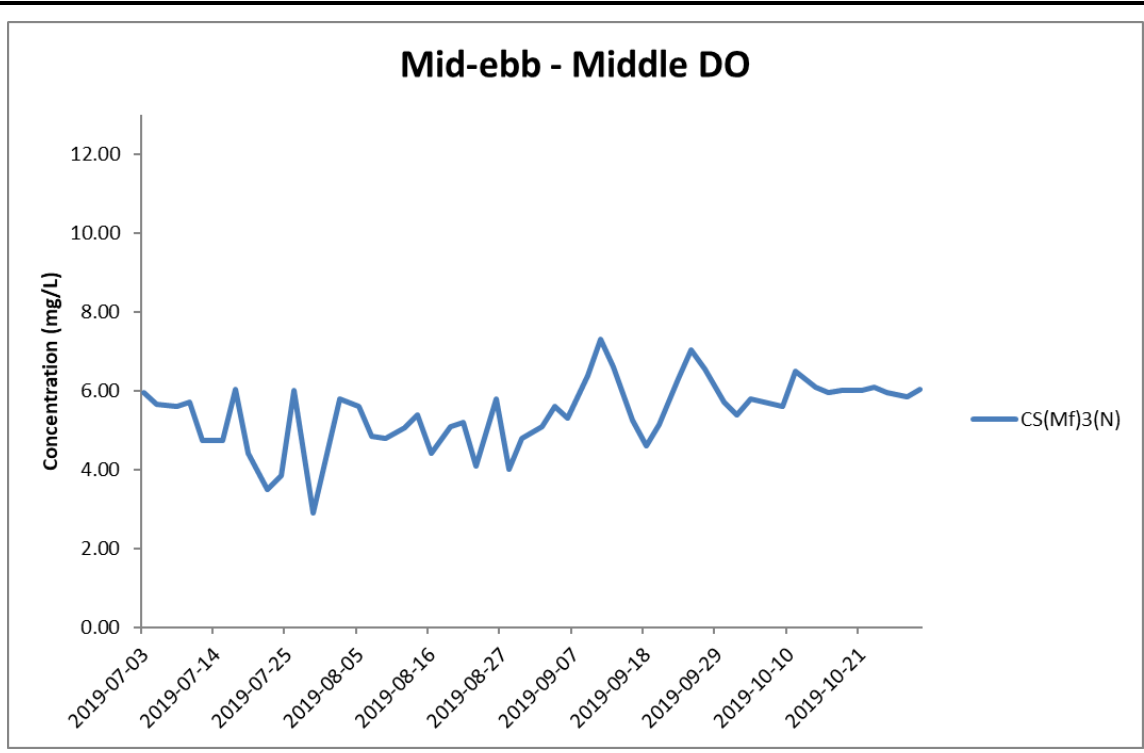
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*No data for Stations SR7 due to shallow water depth (< 6m).

\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J12 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 July 2019 and 31 October 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



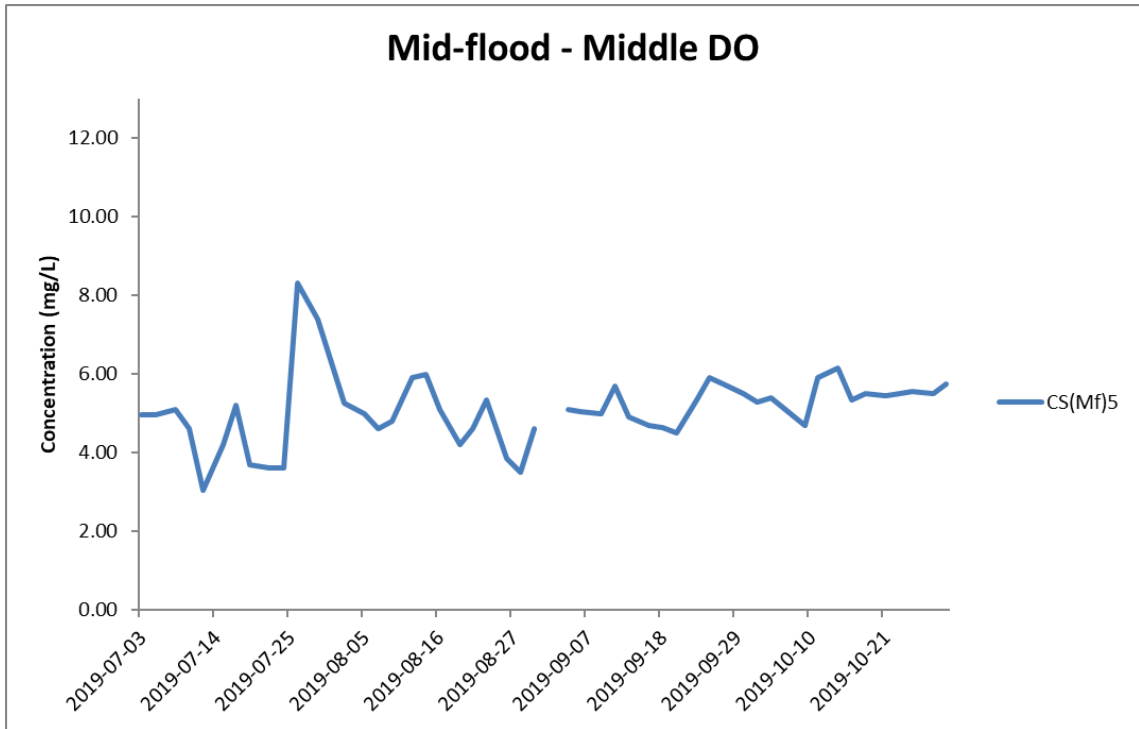
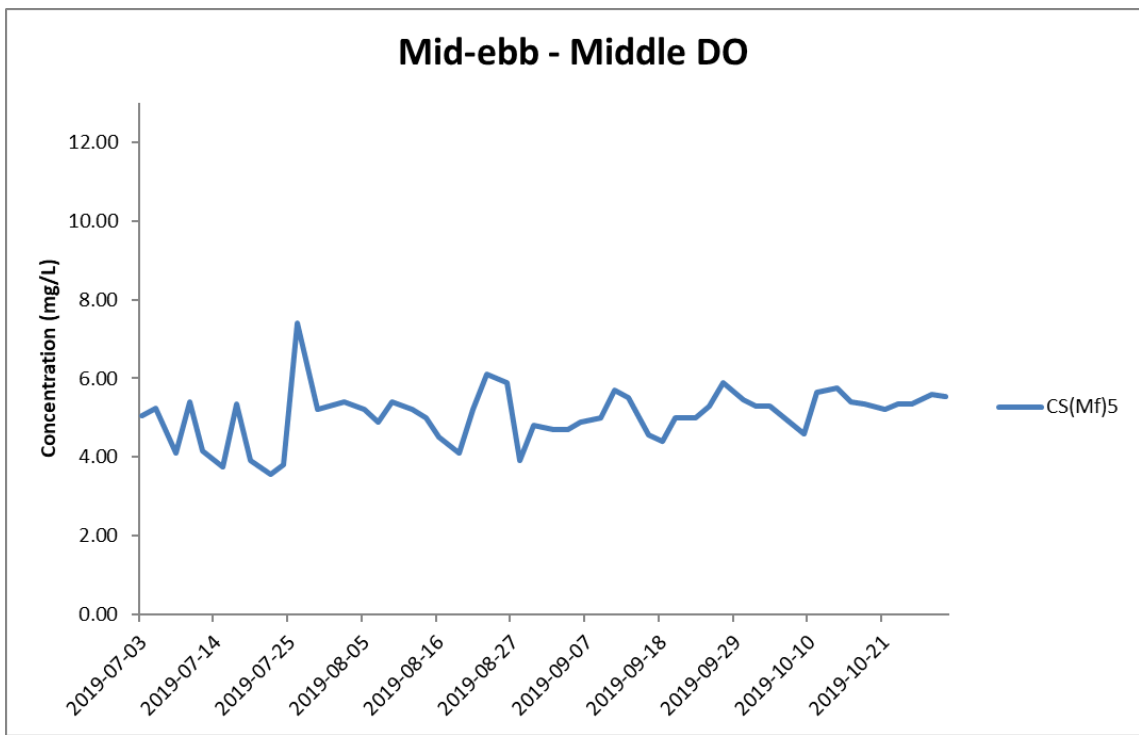


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J13 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 July 2019 and 31 October 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



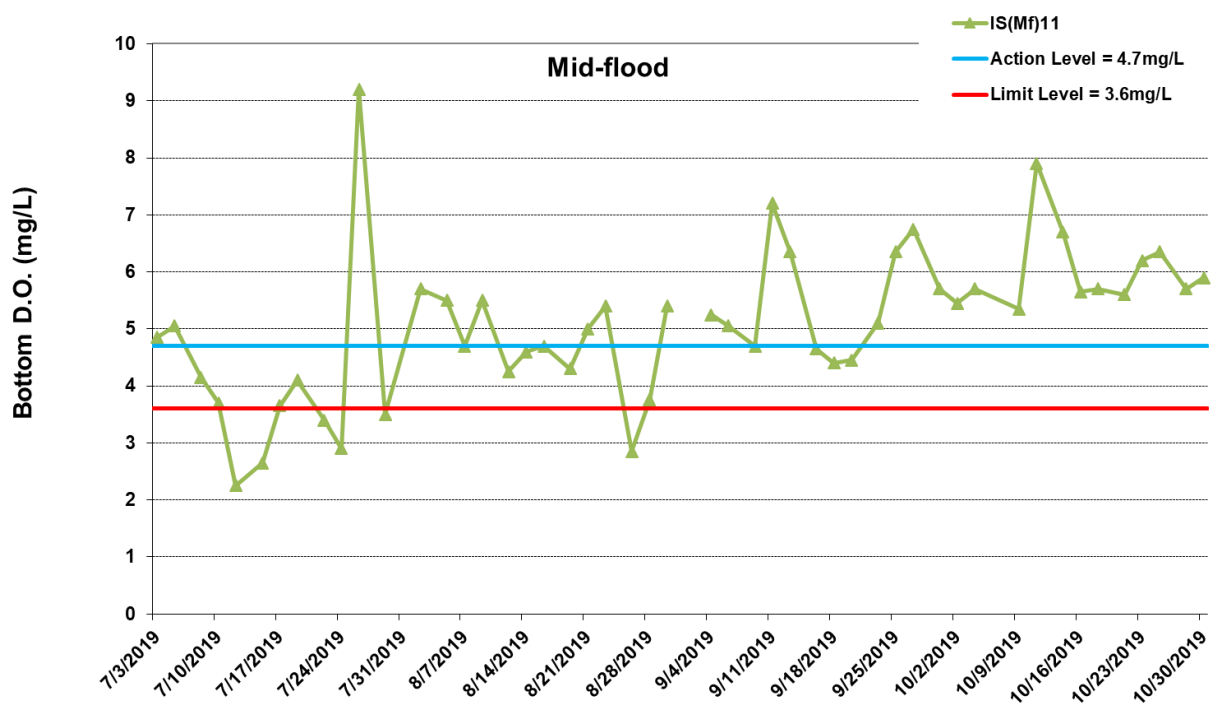
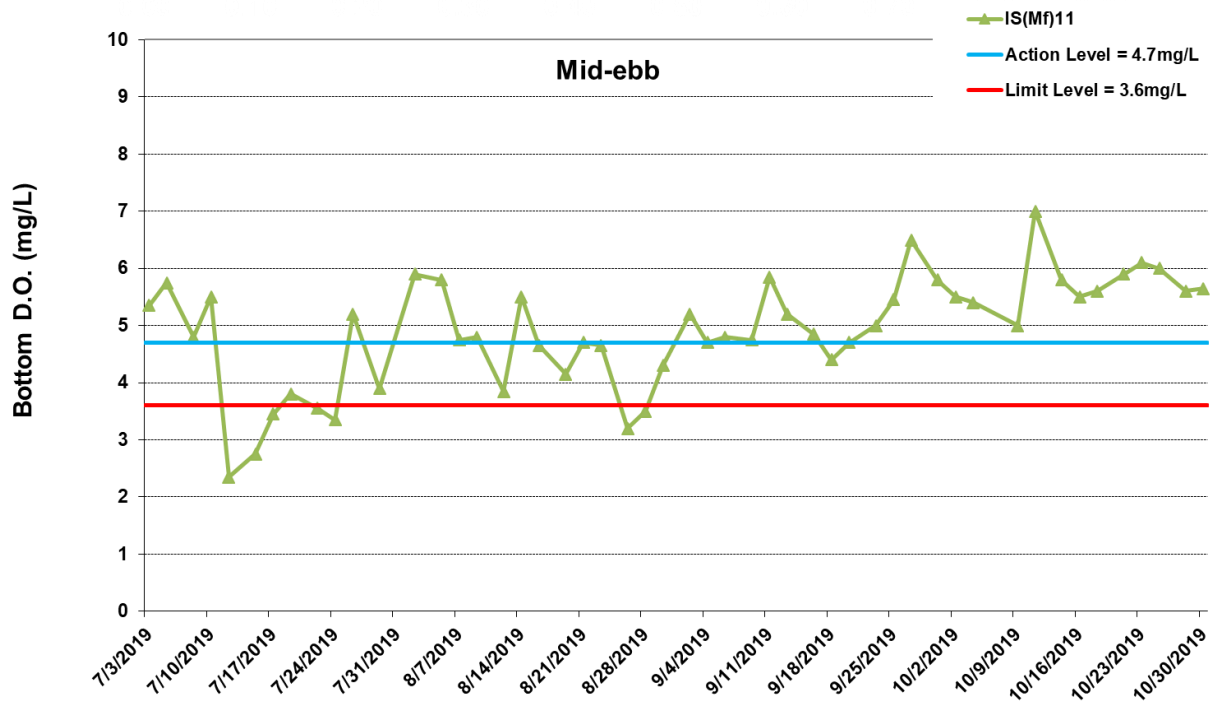
Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J14 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 July 2019 and 31 October 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**





\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

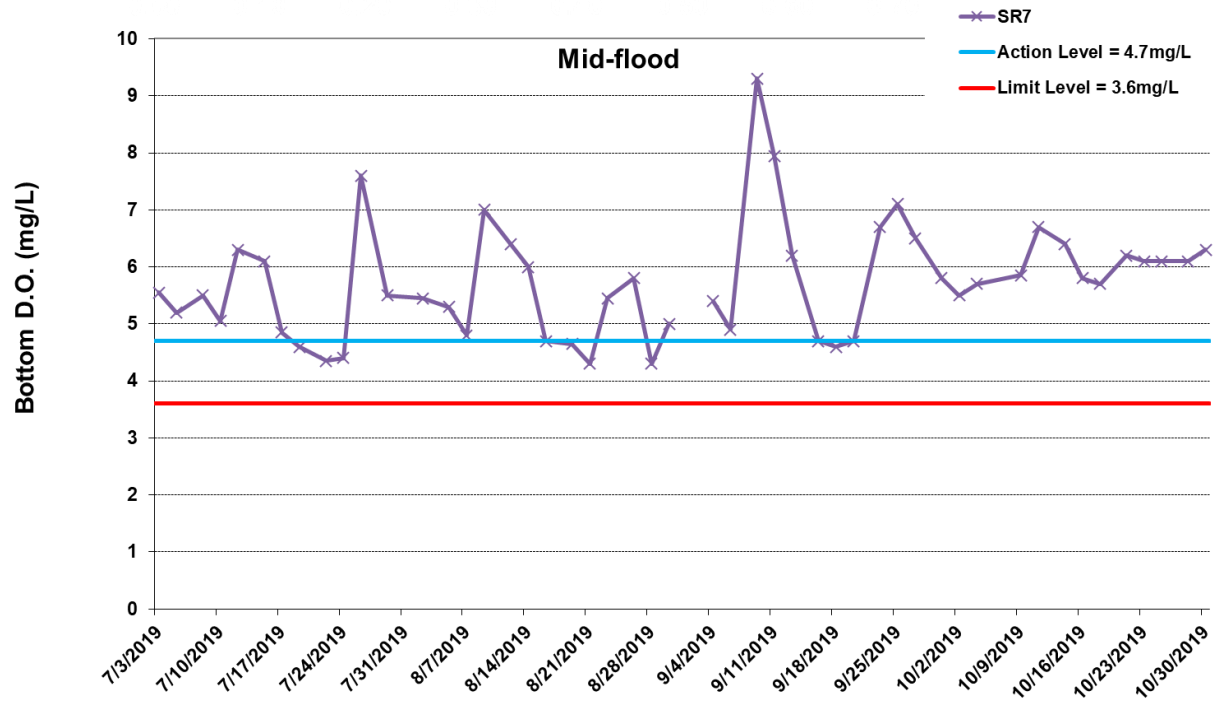
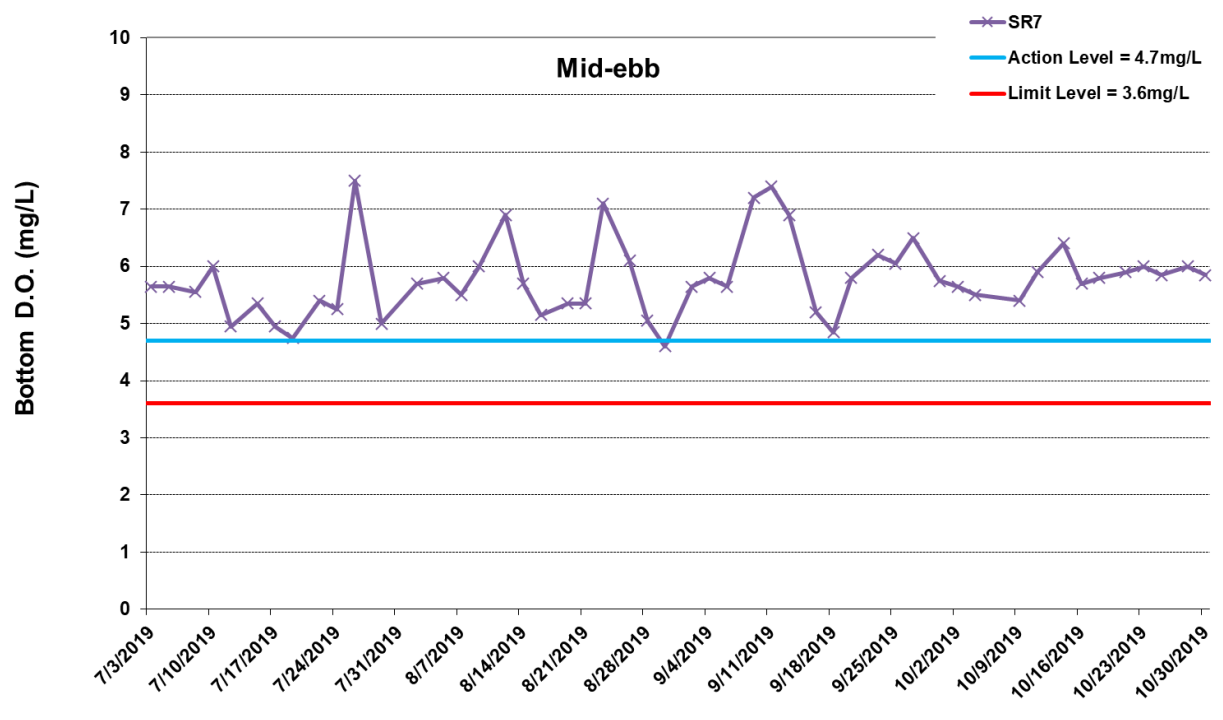
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J15 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls





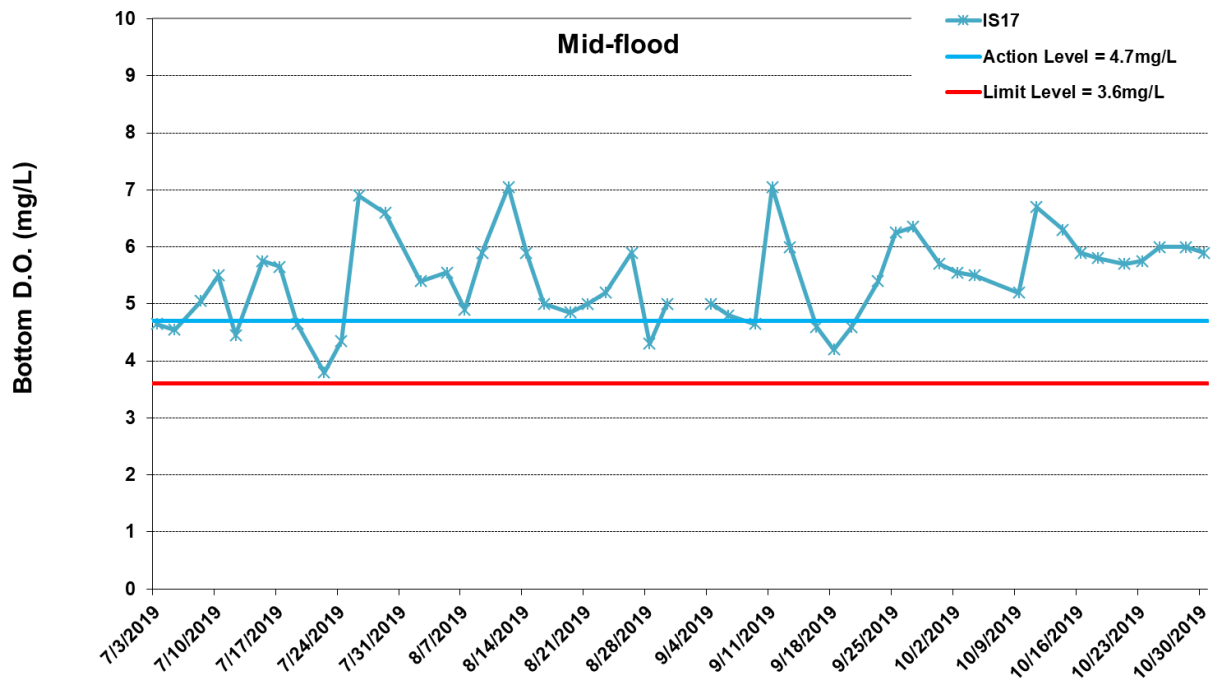
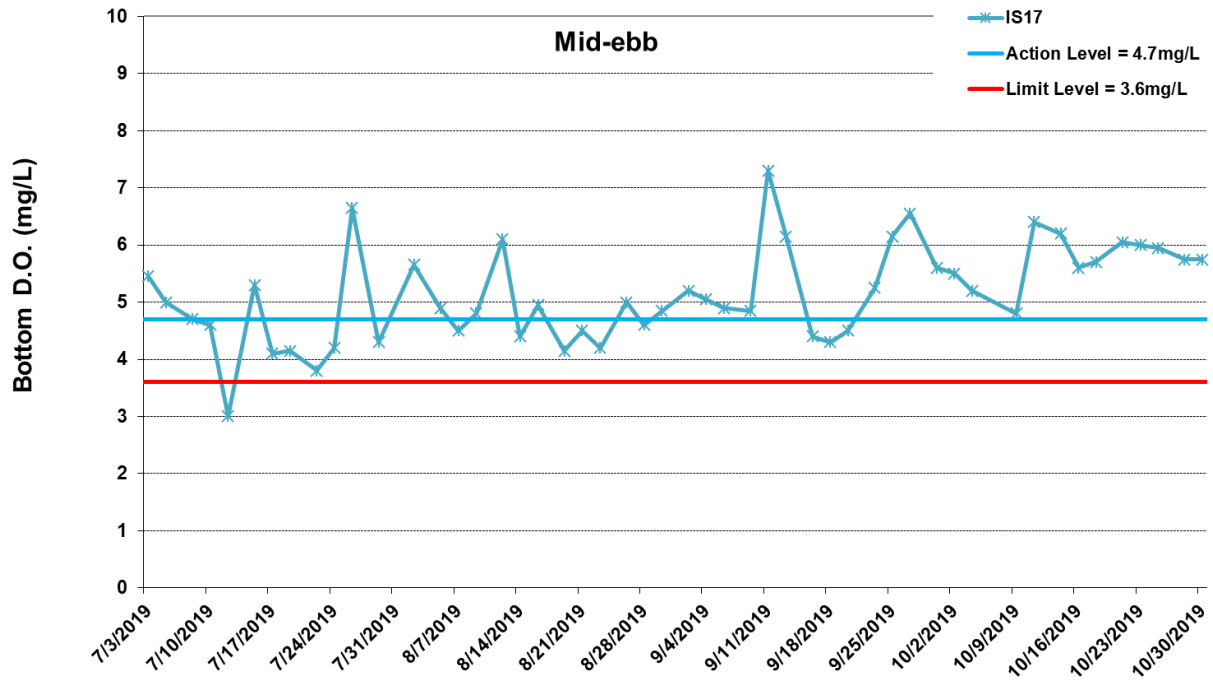
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J16 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

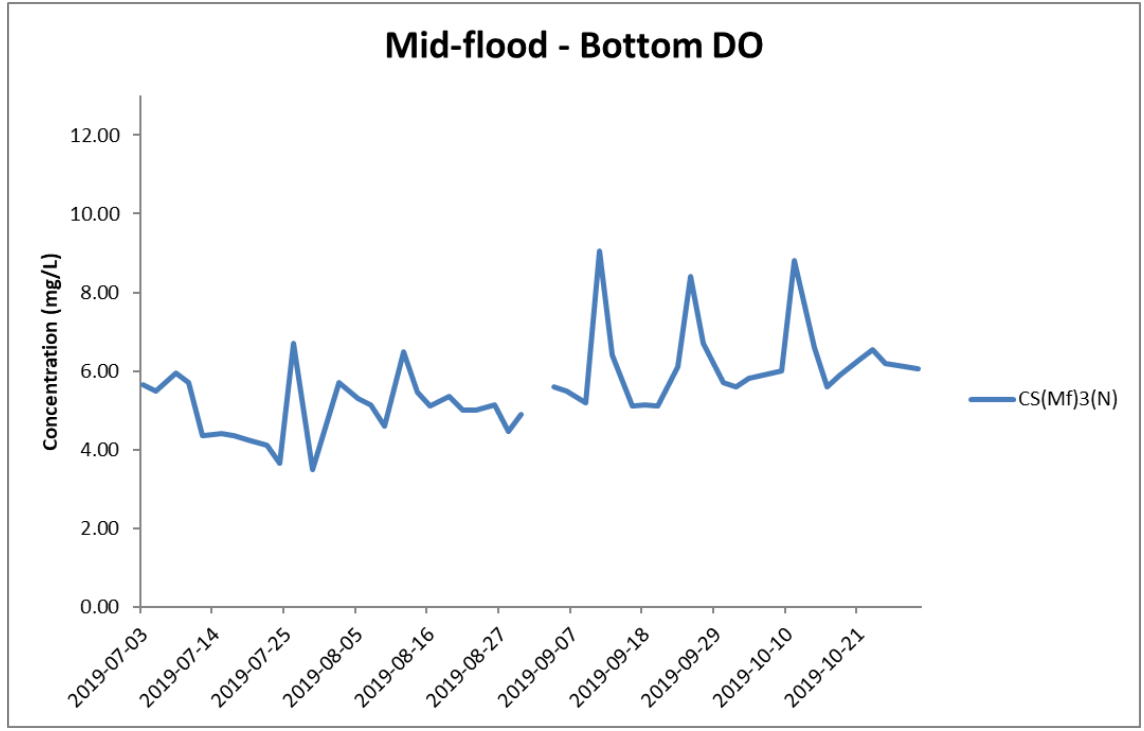
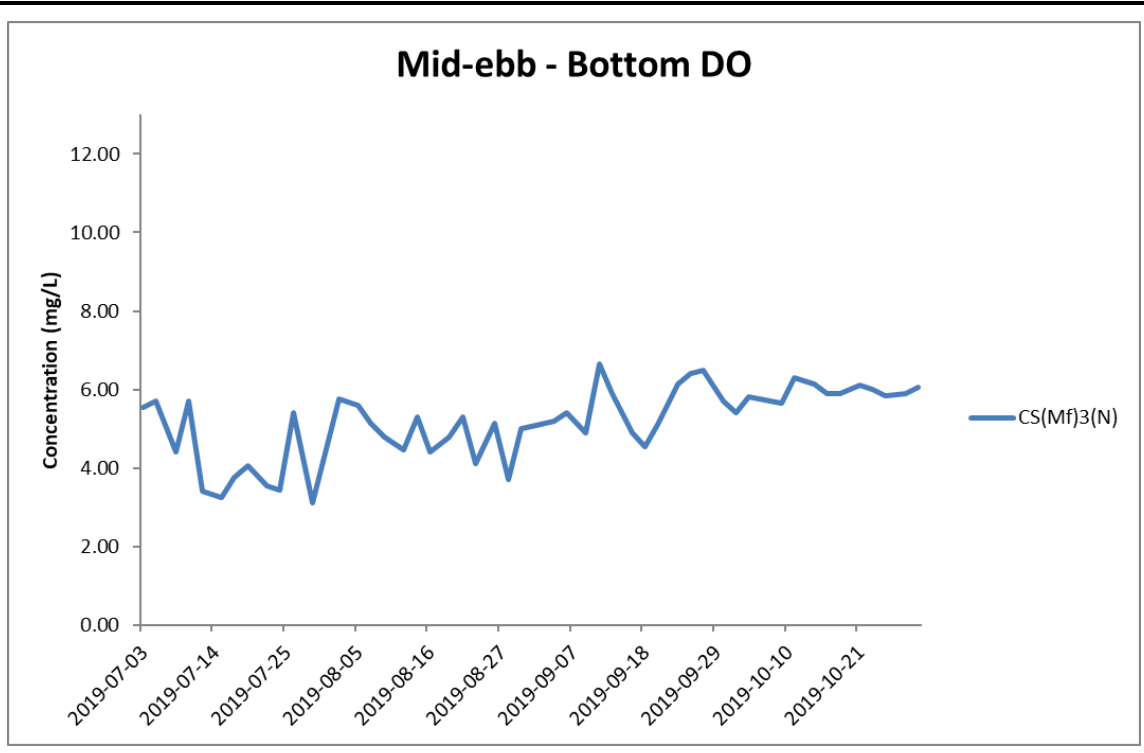


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J17 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



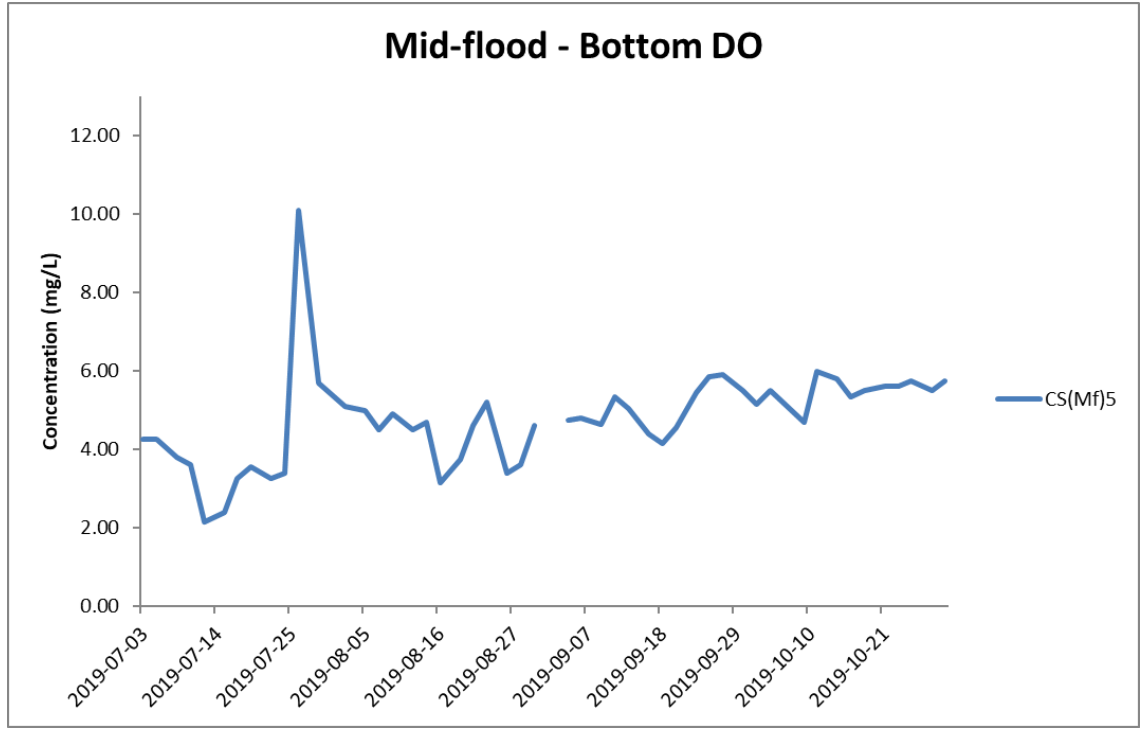
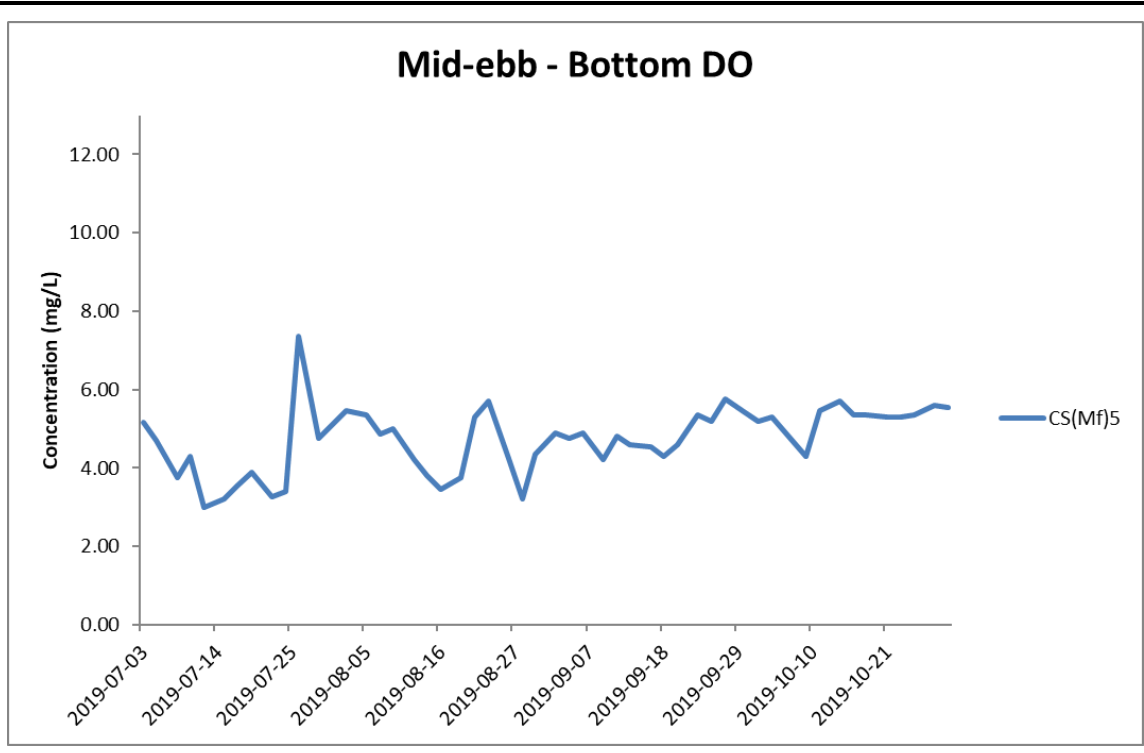


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J18 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

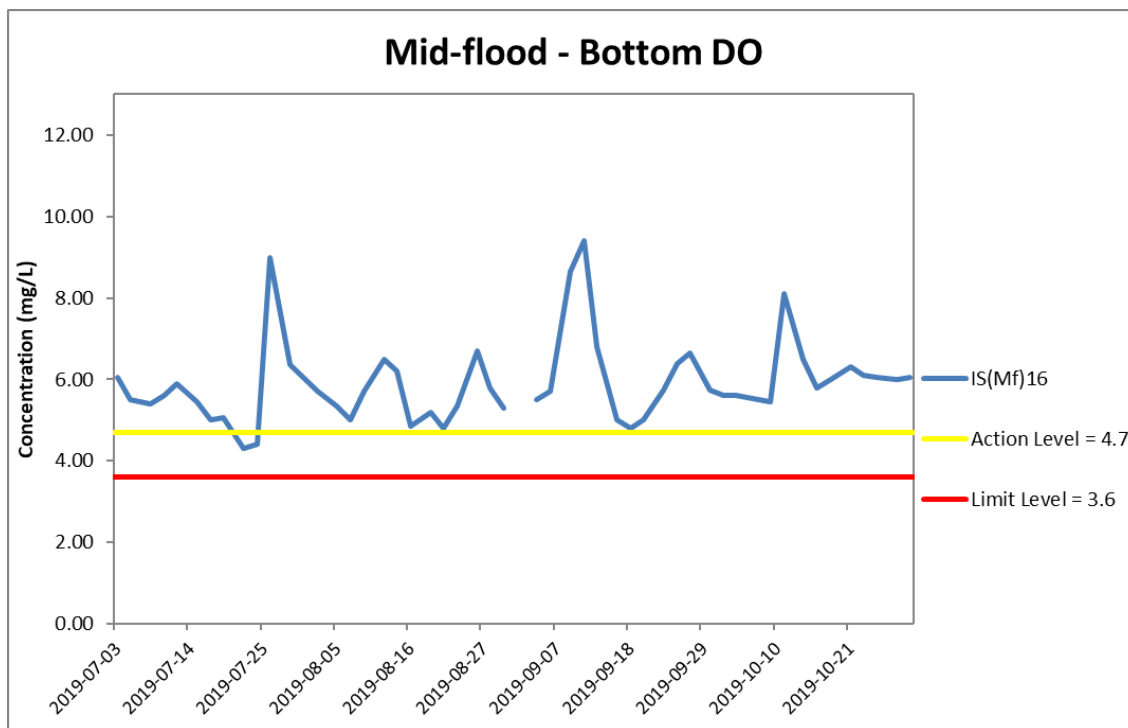
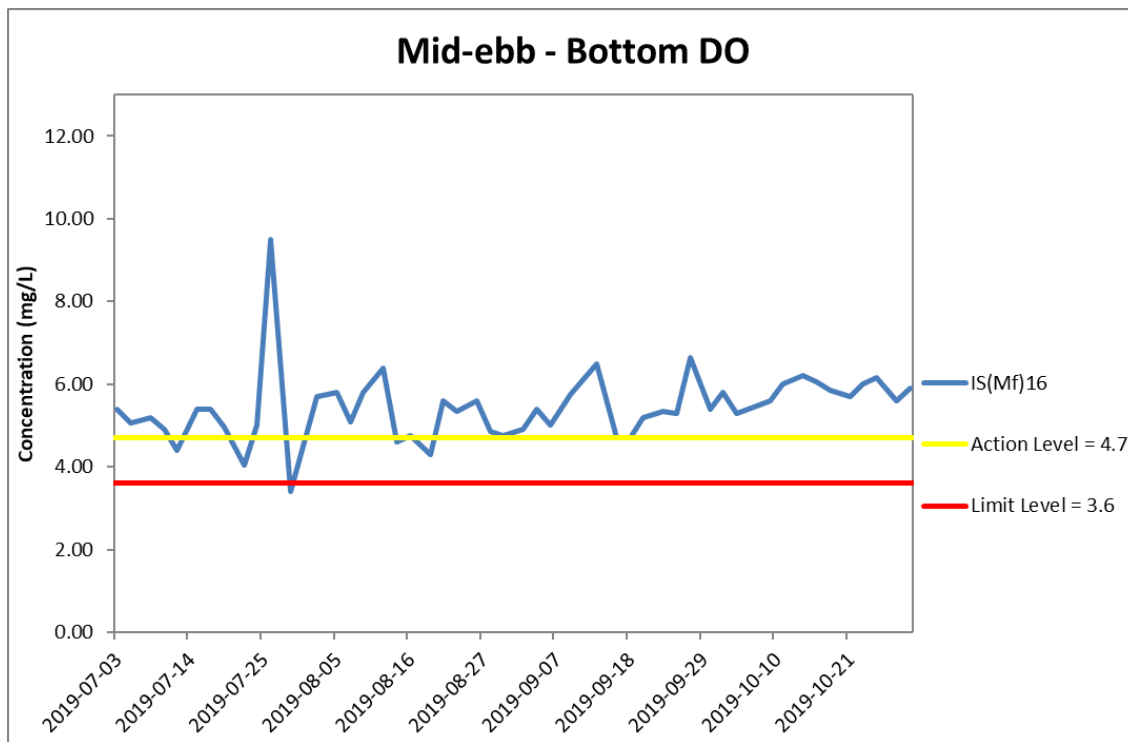


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J19 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



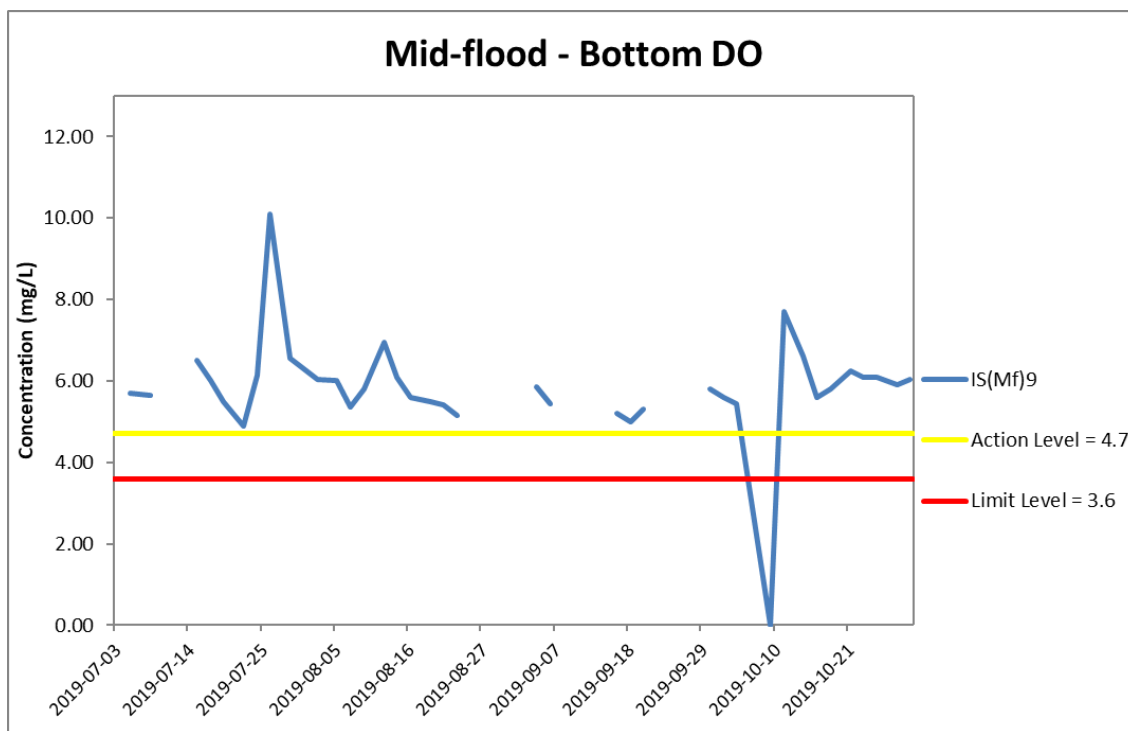
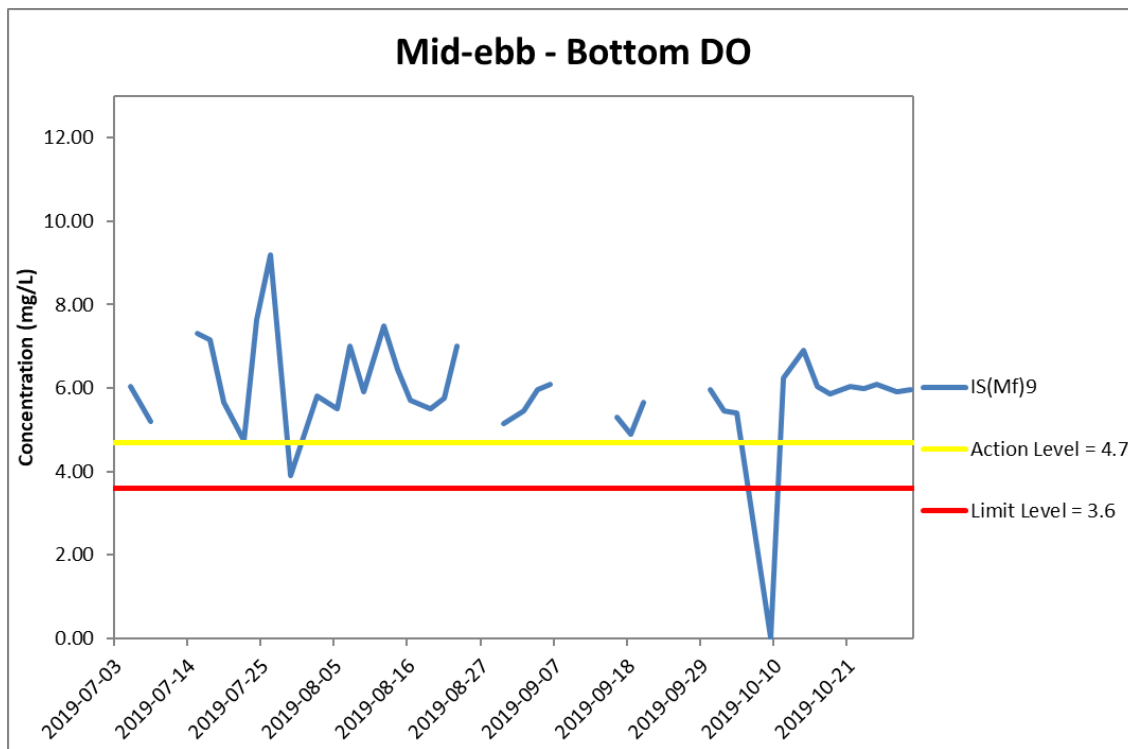
Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J20 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

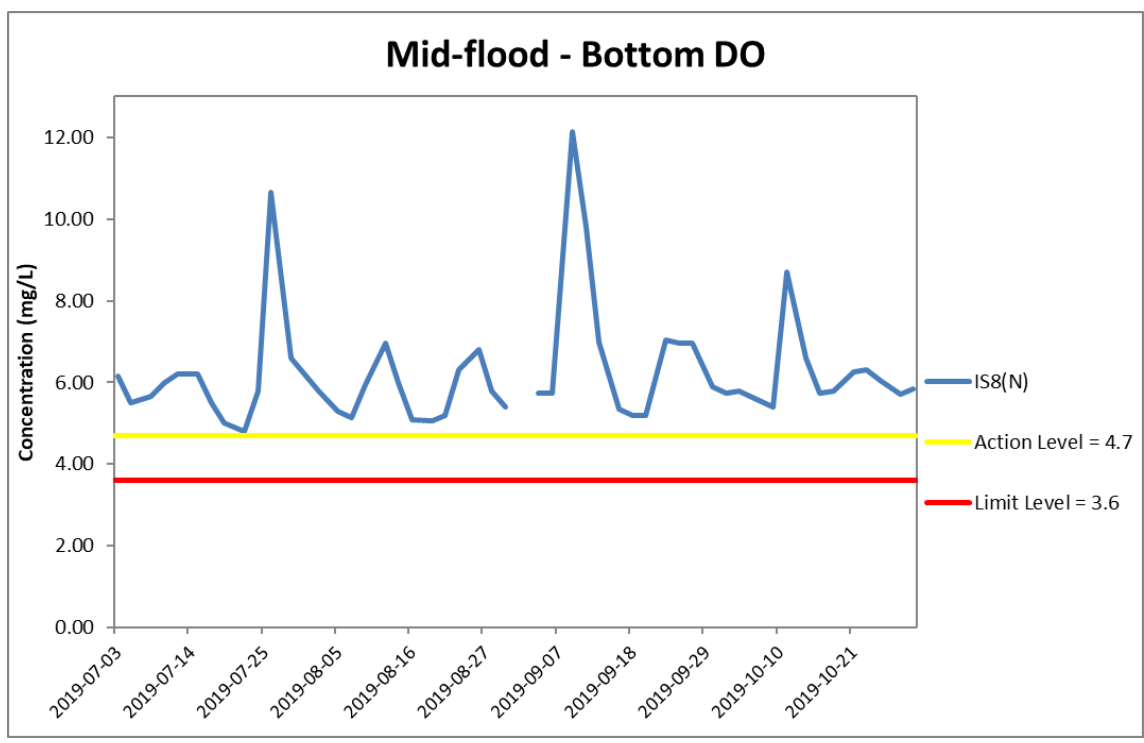
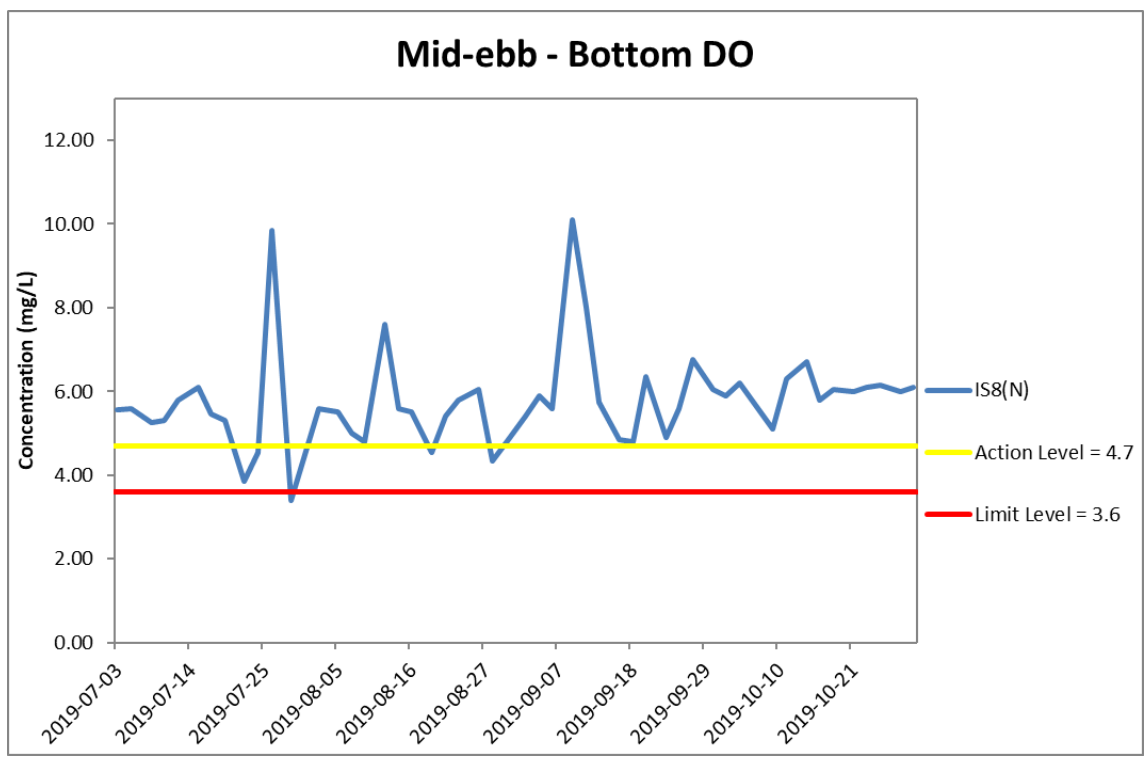




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J21 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



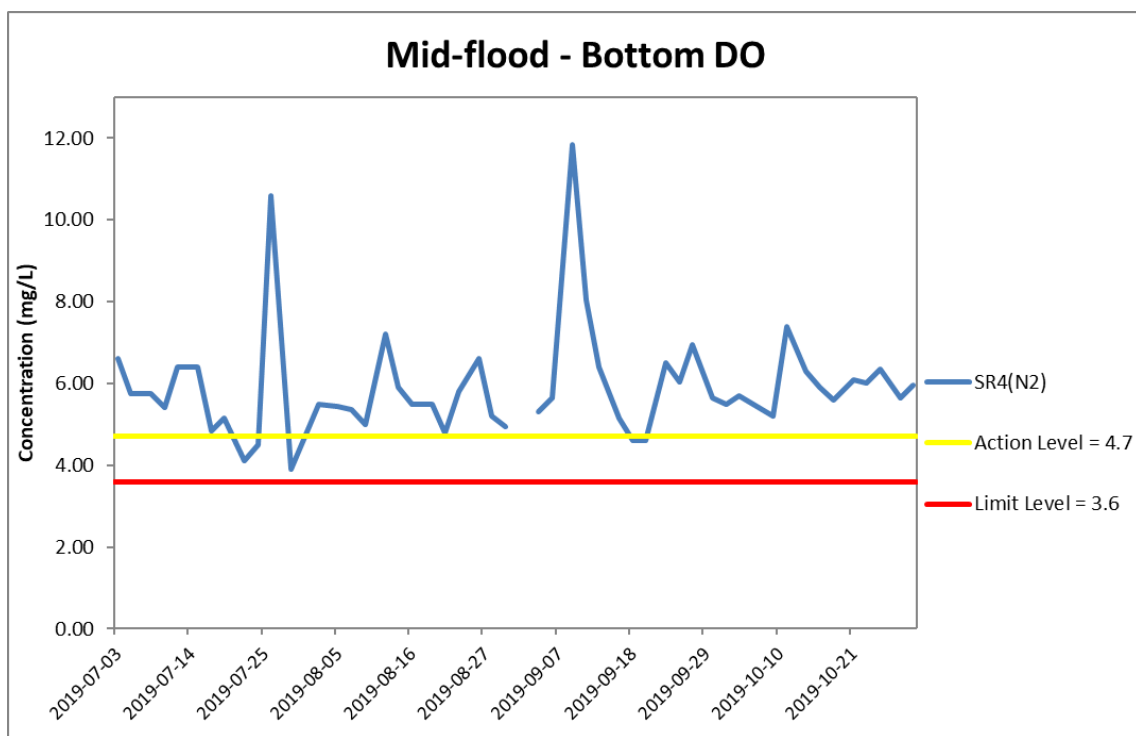
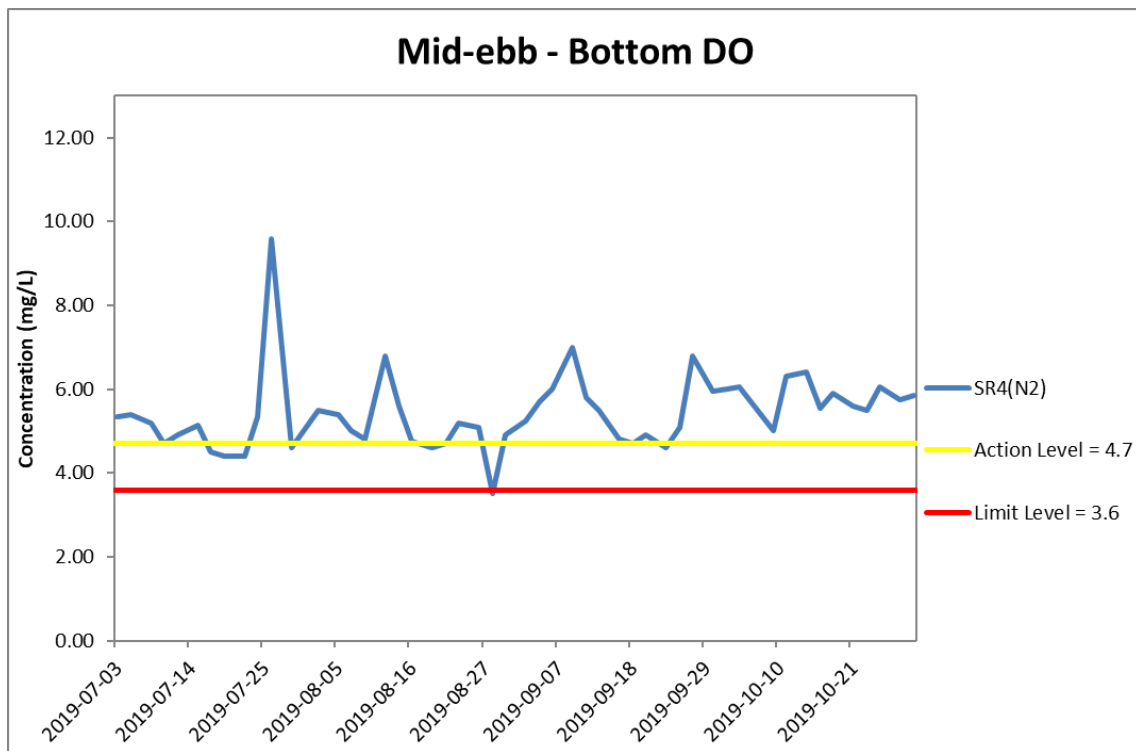


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J22 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



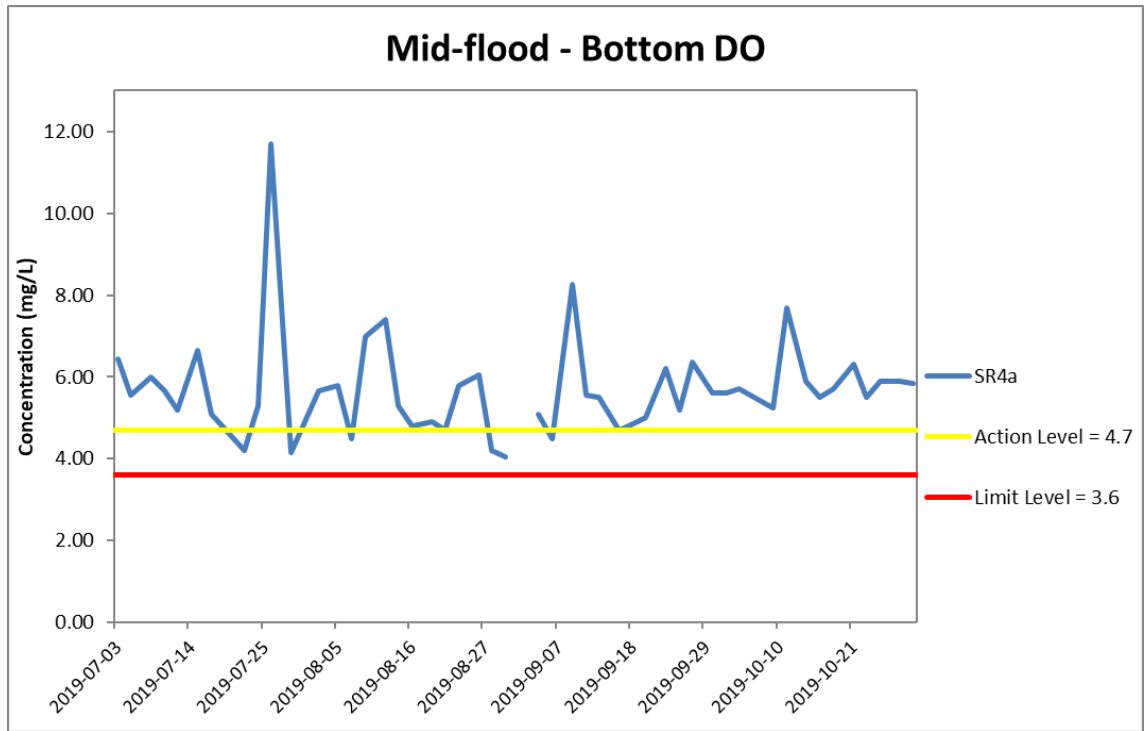
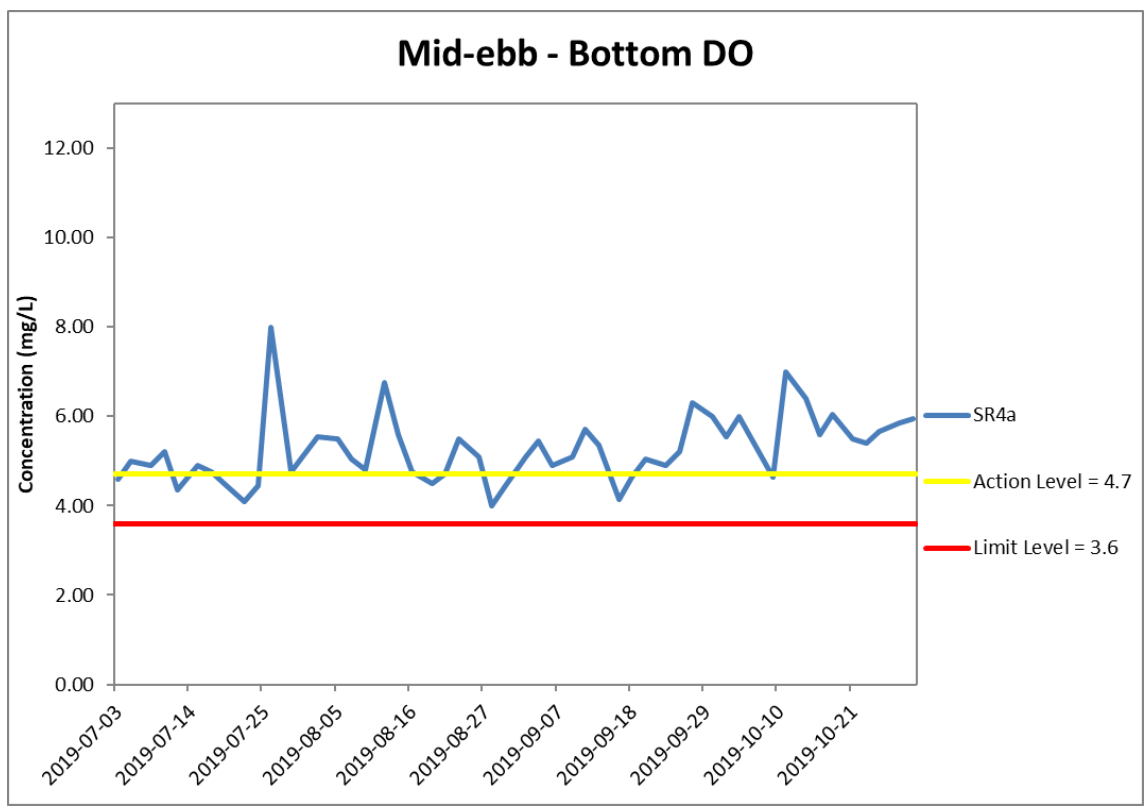
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J23 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



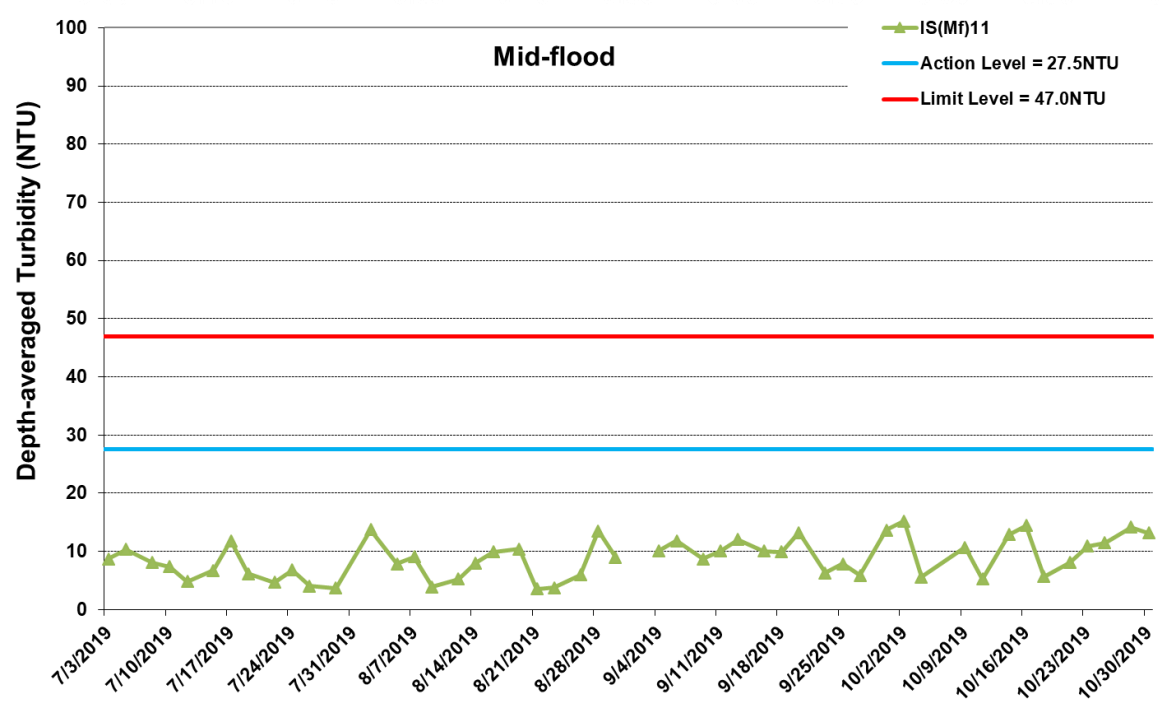
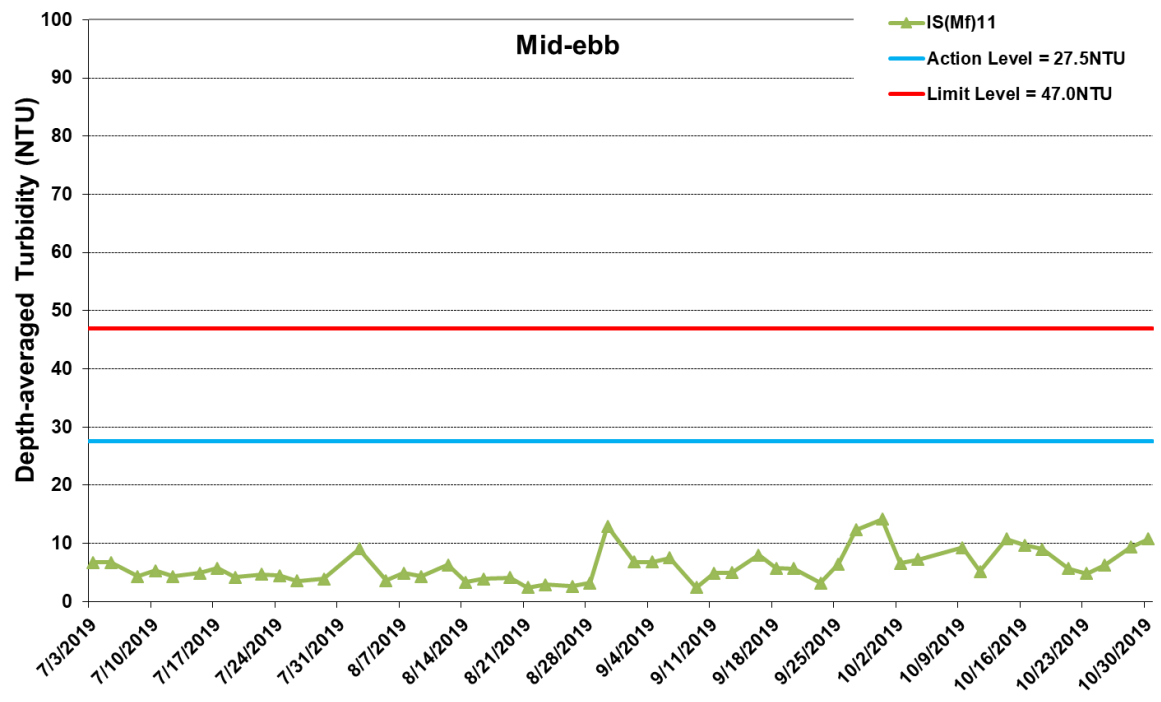


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J24 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 July 2019 and 31 October 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

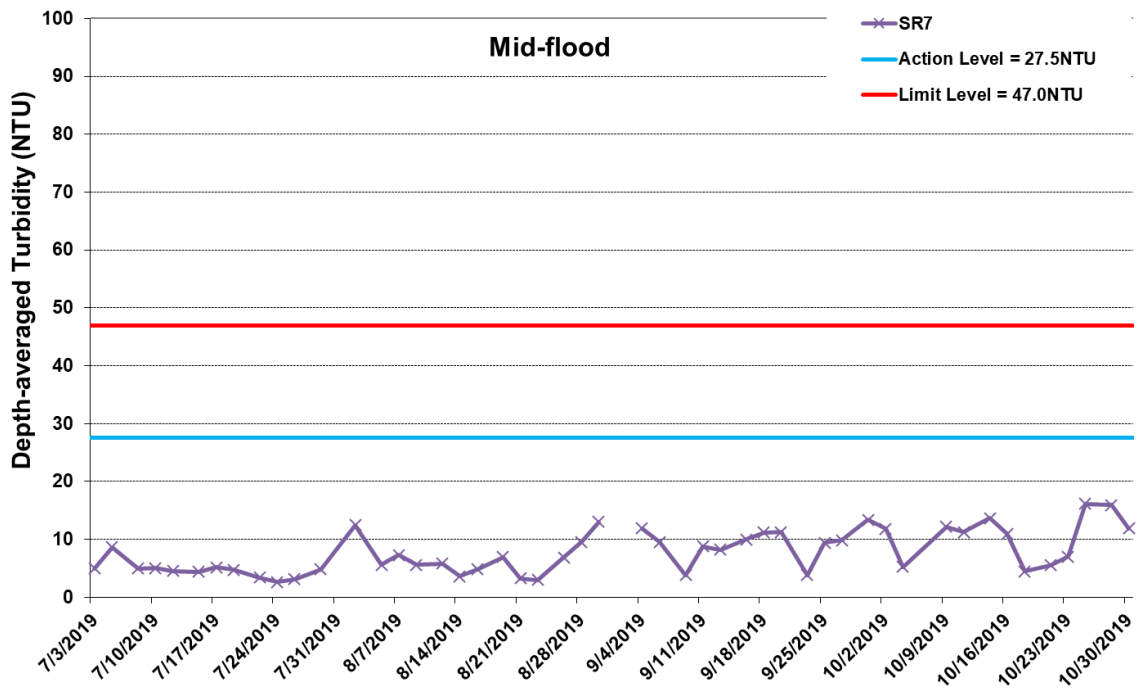
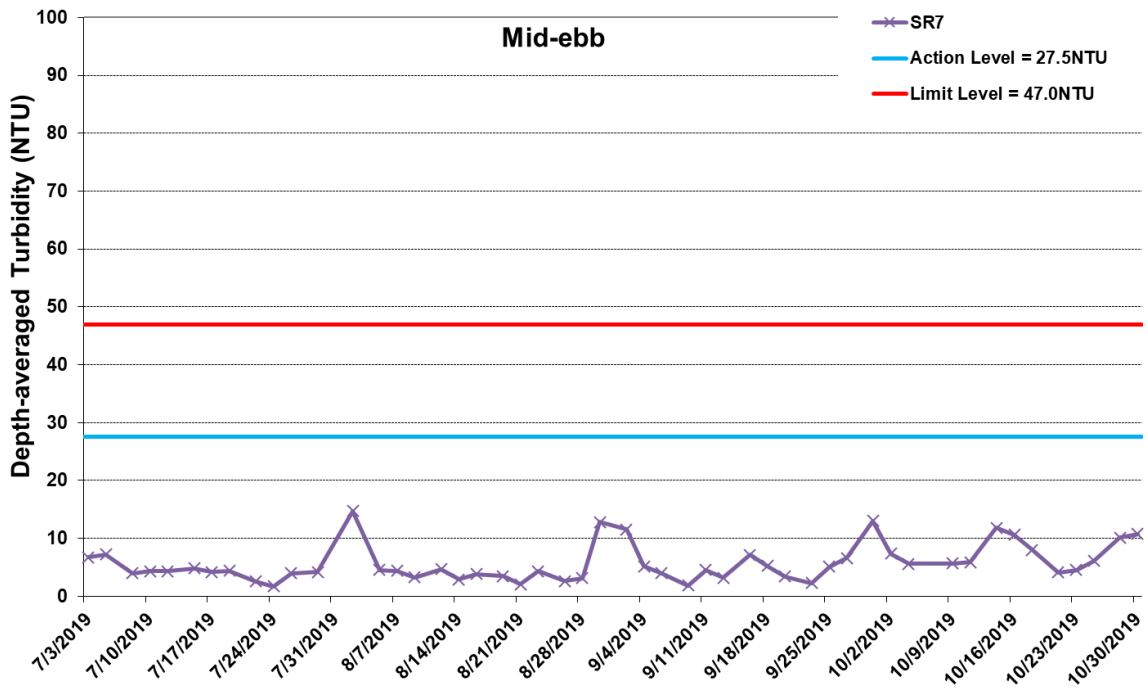


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J25 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



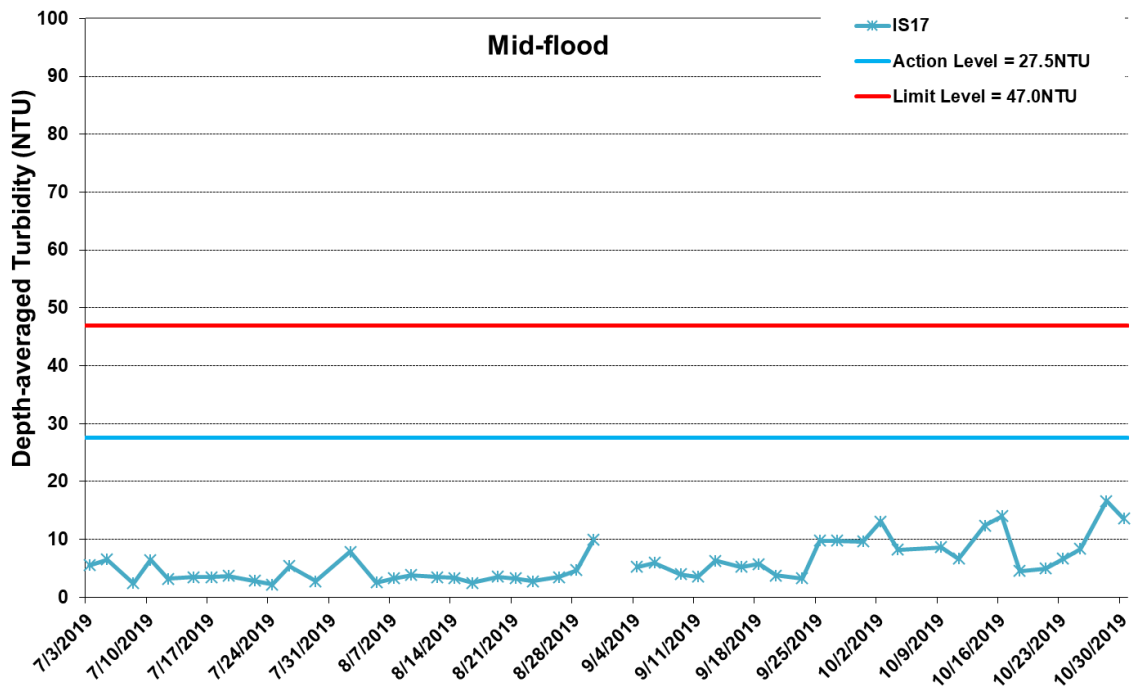
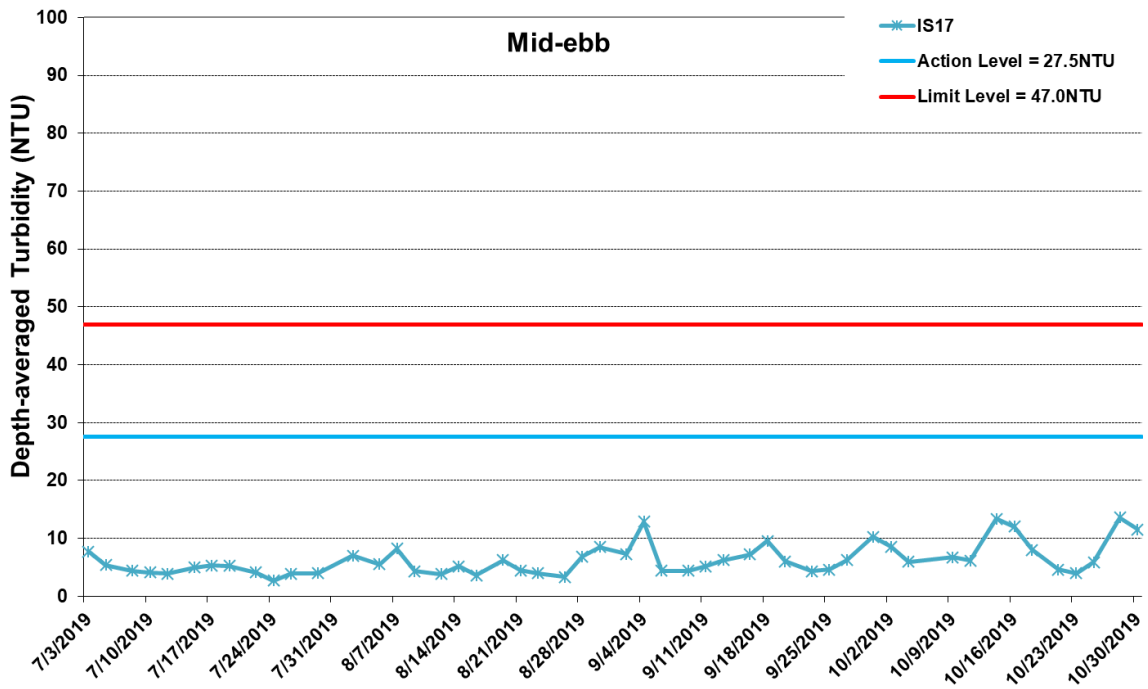


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J26 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



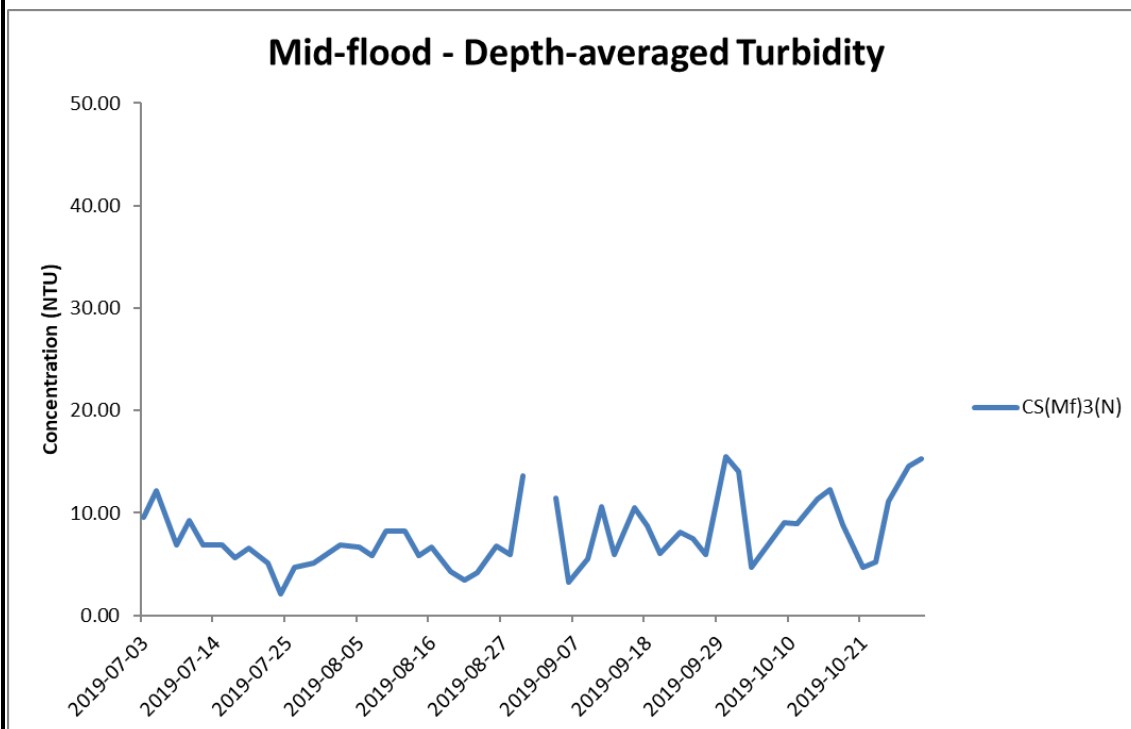
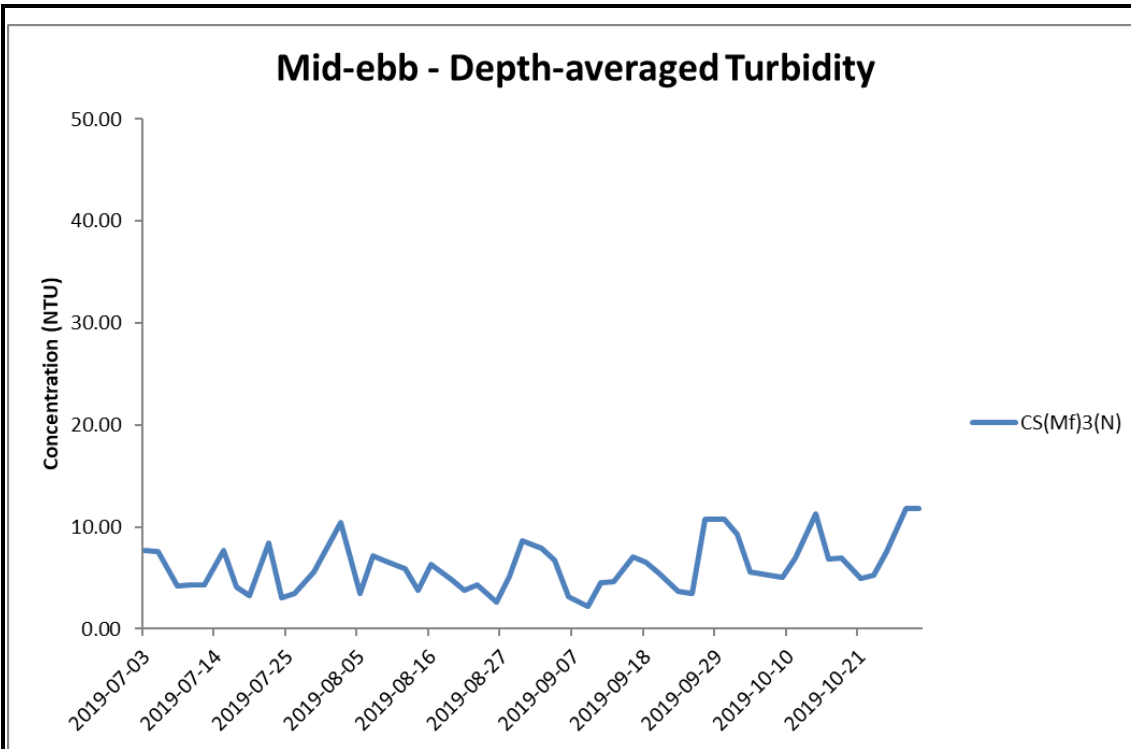


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J27 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

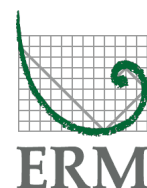
Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

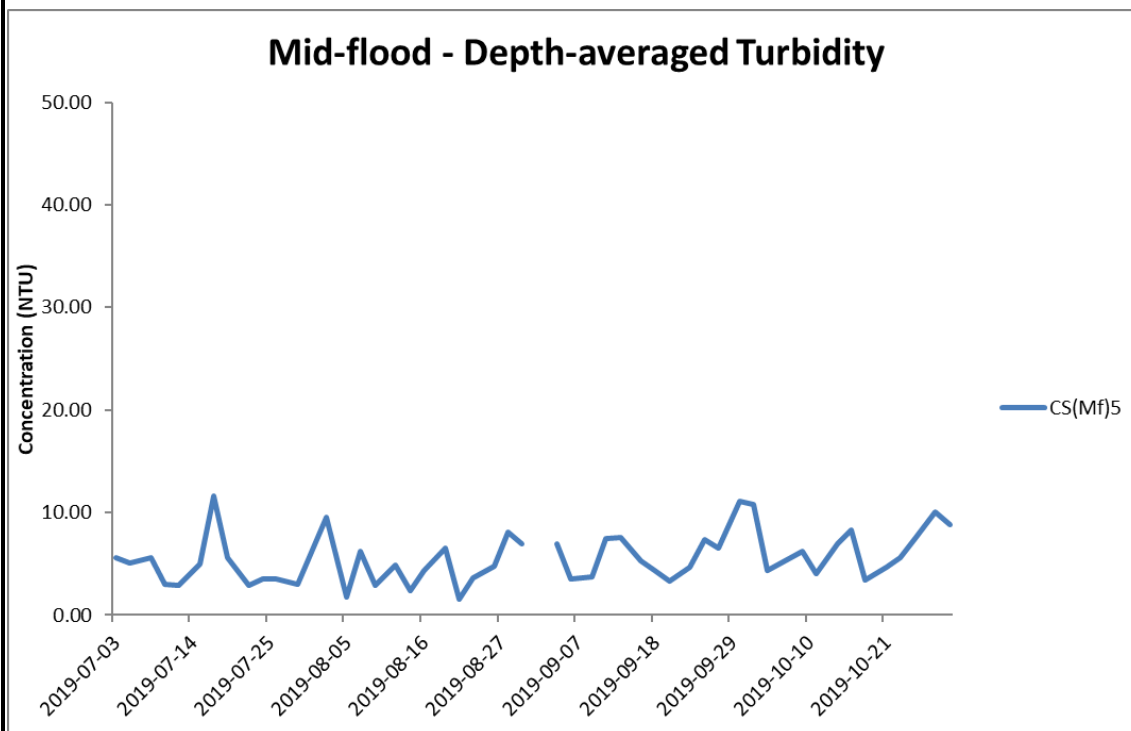
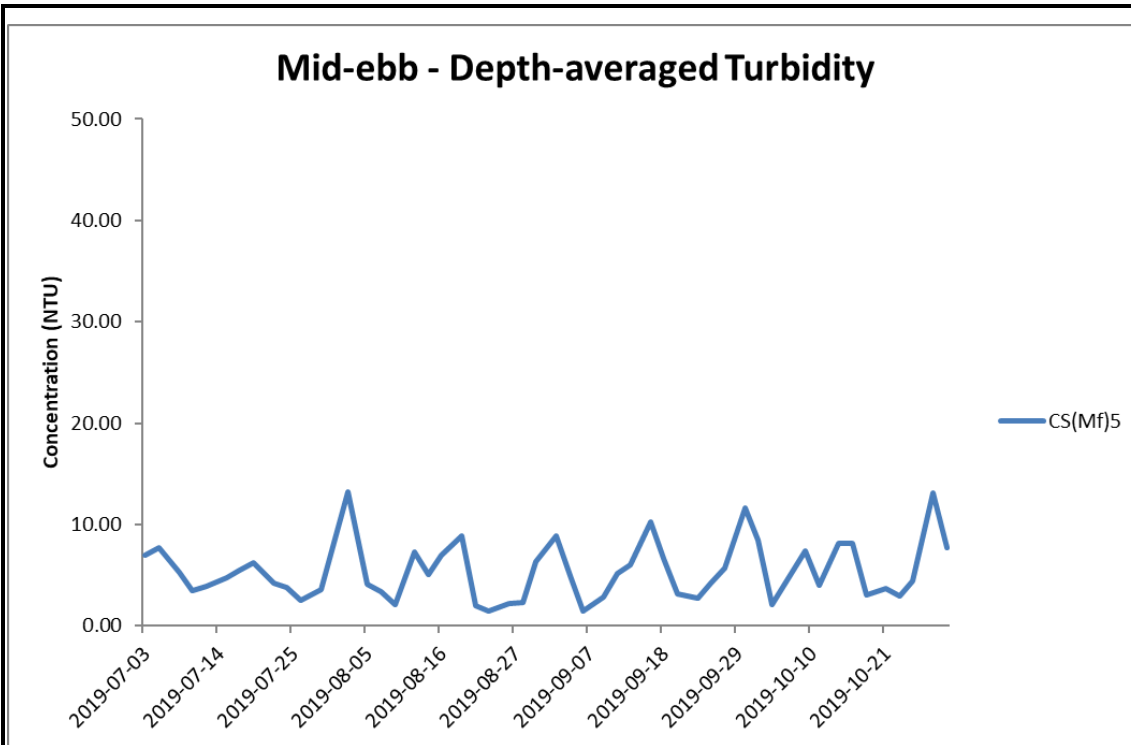




**Figure J28 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

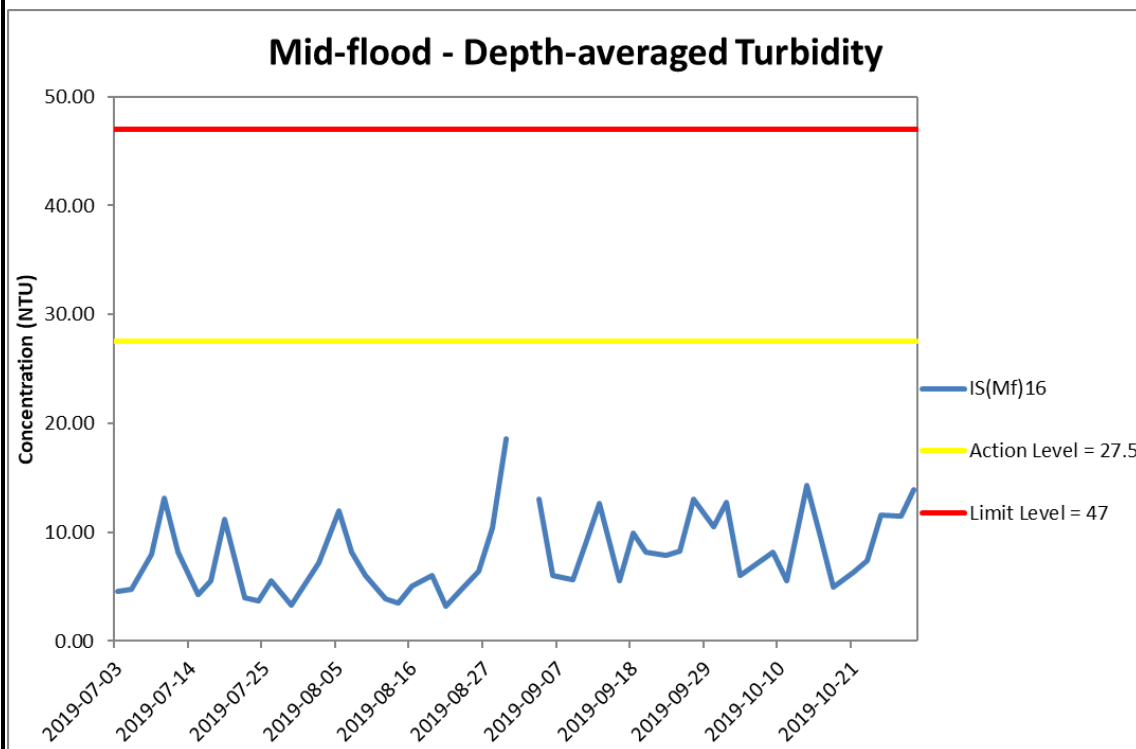
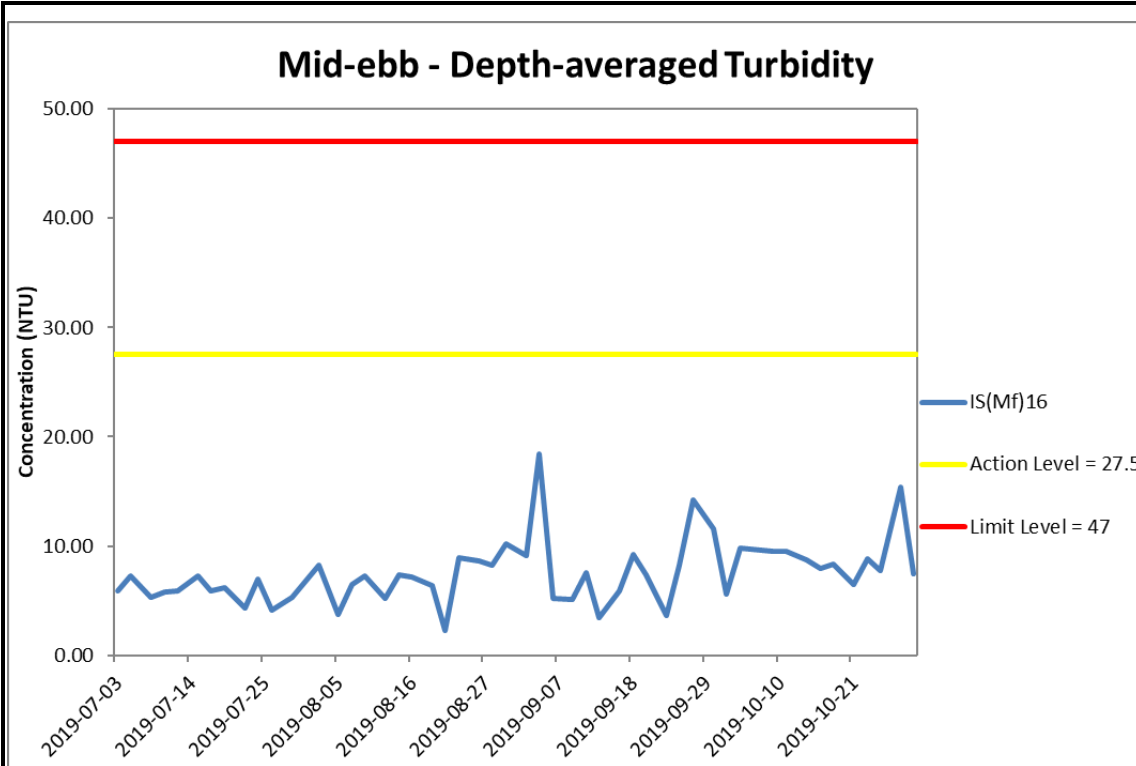




**Figure J29 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

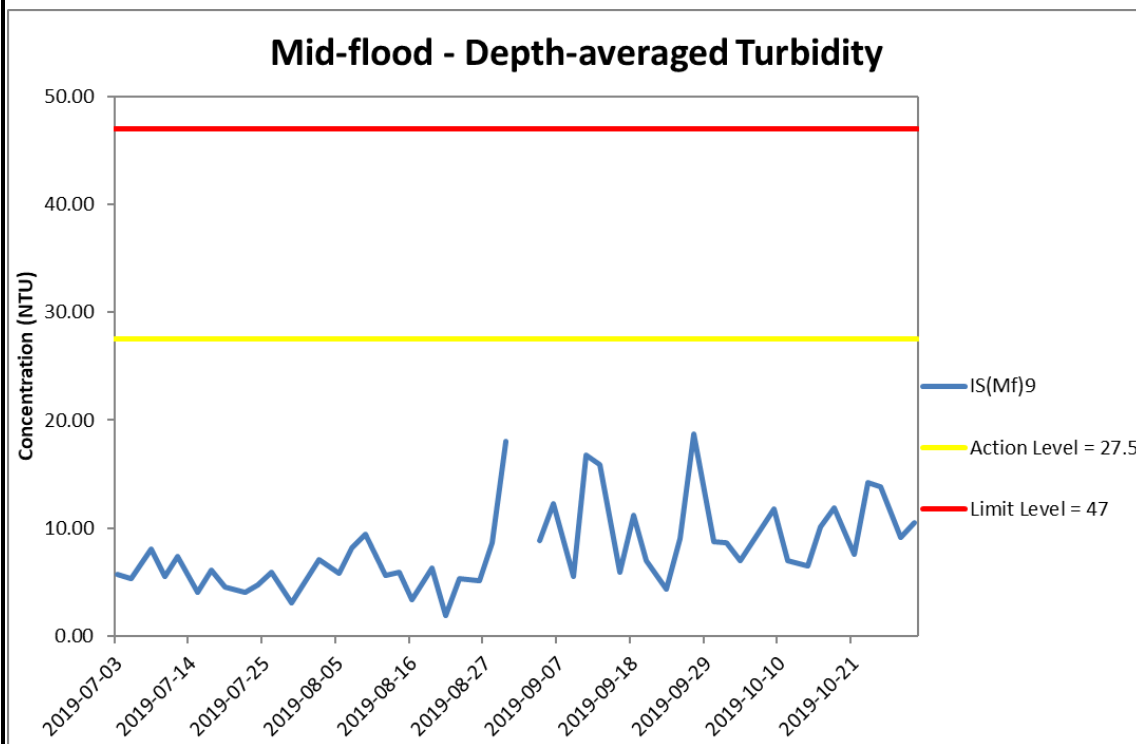
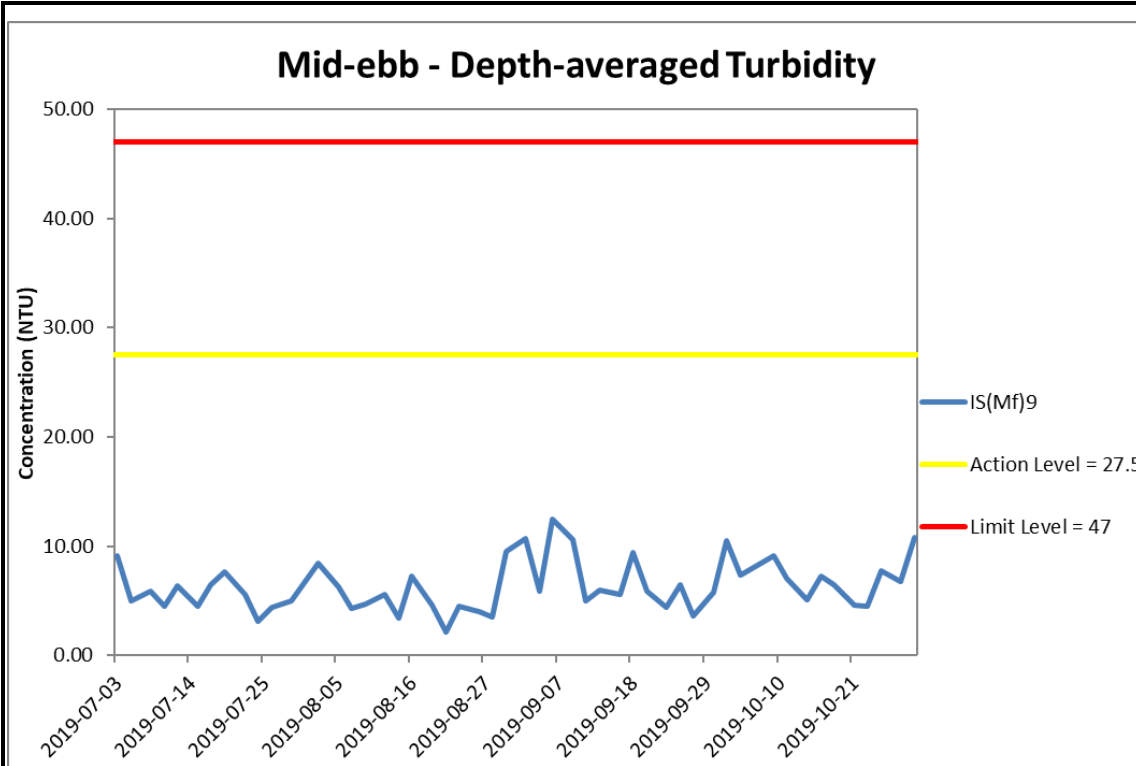




**Figure J30 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



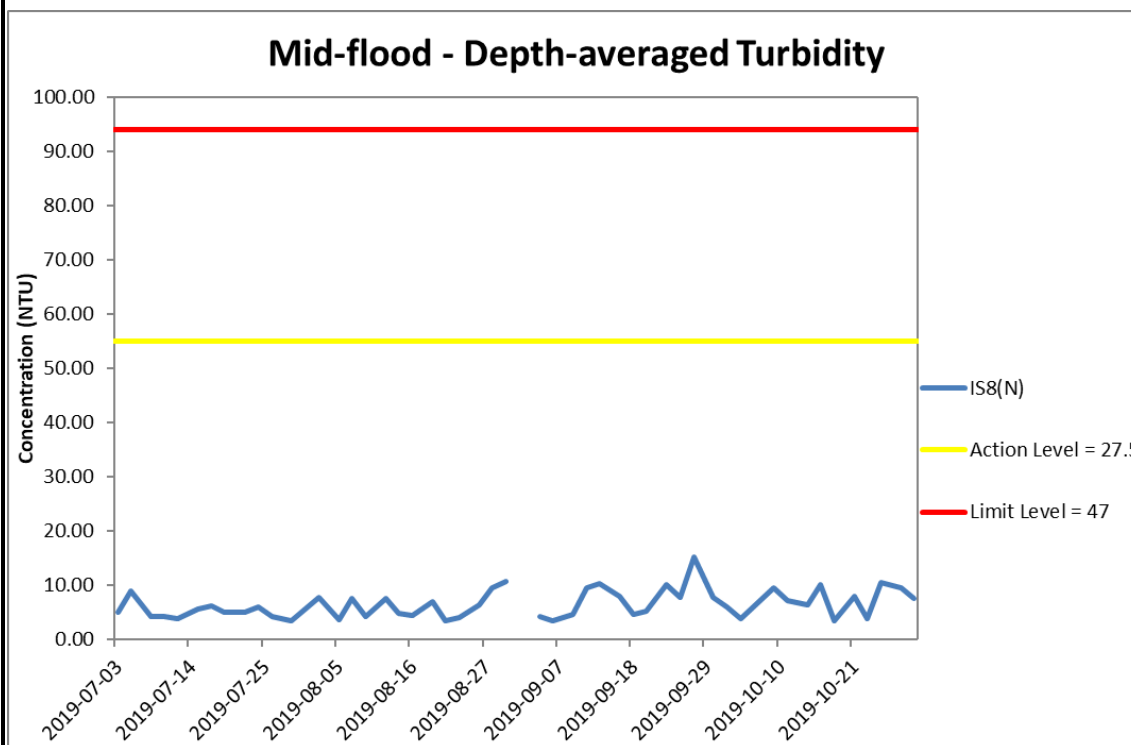
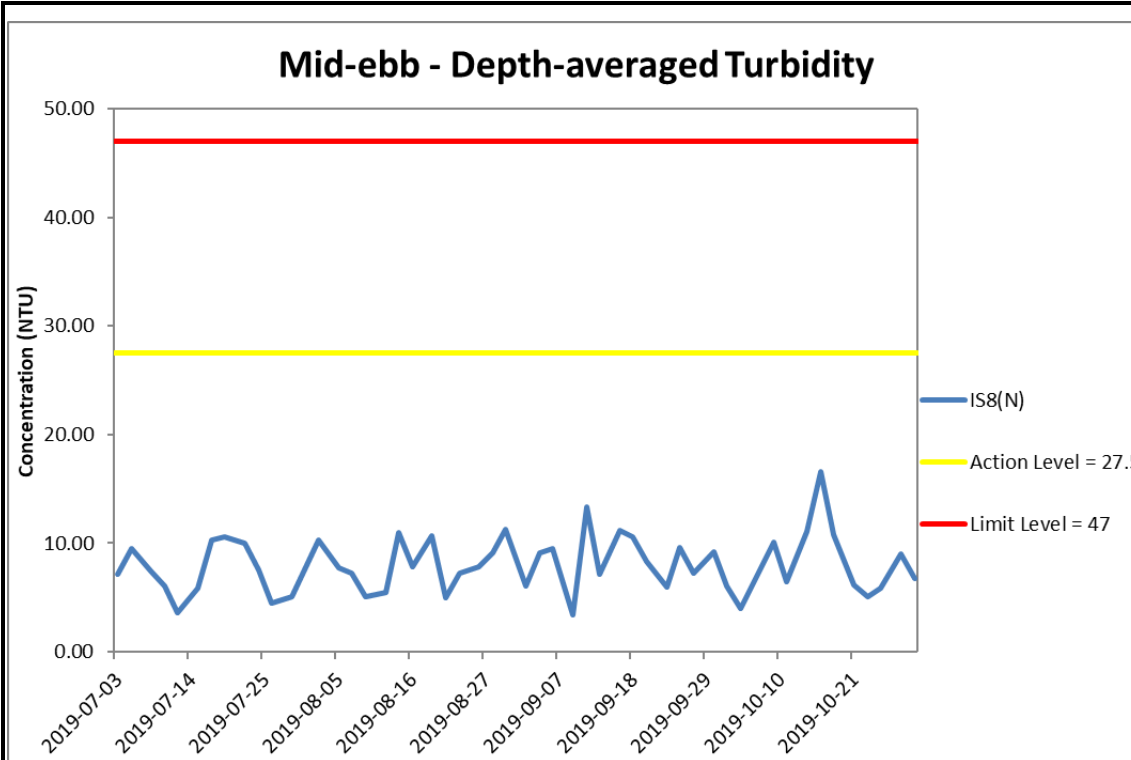


**Figure J31 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



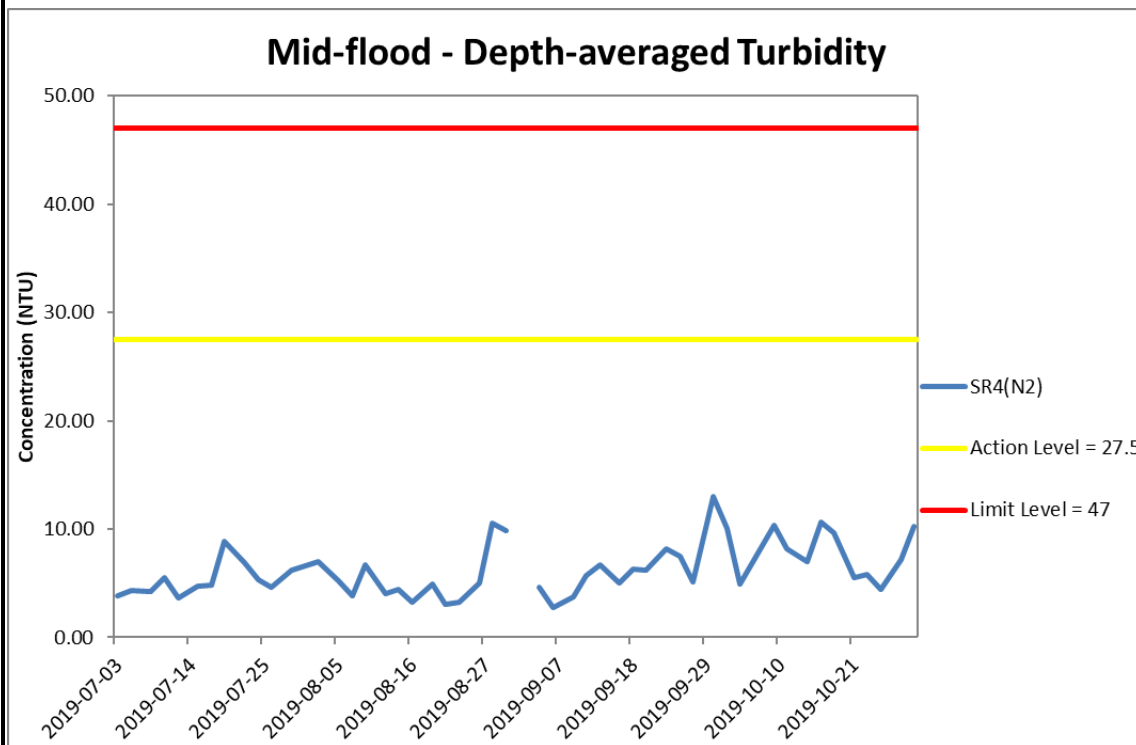
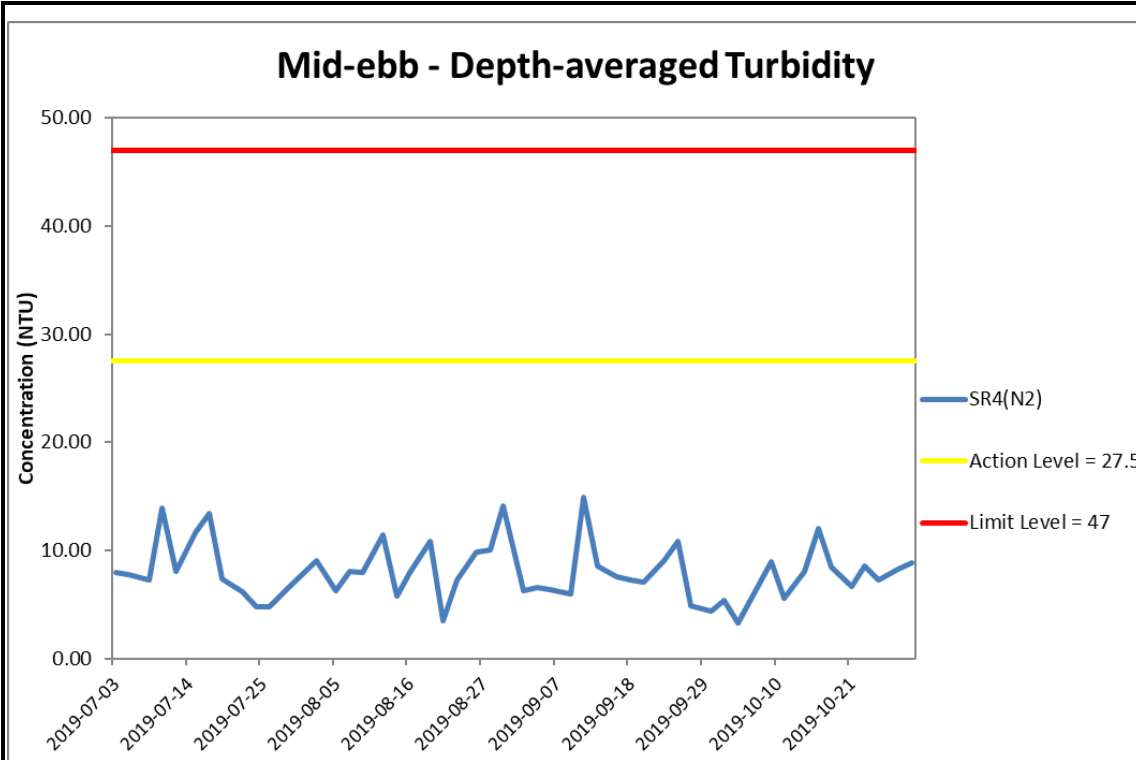




**Figure J32 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

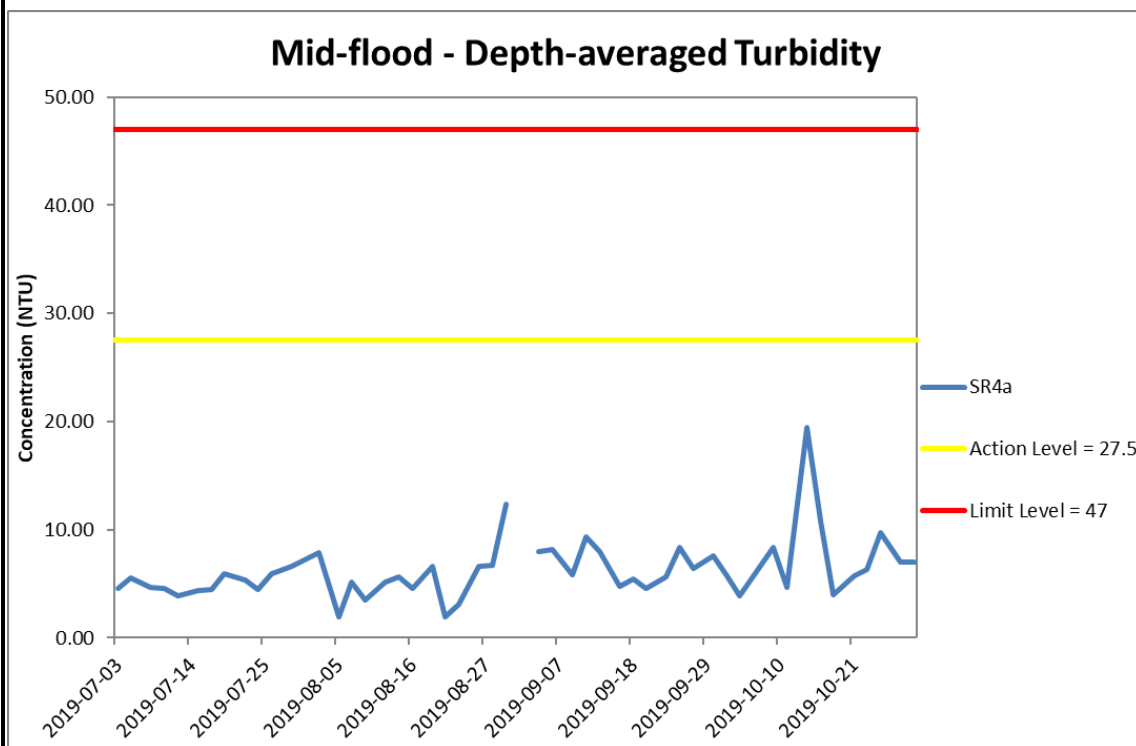
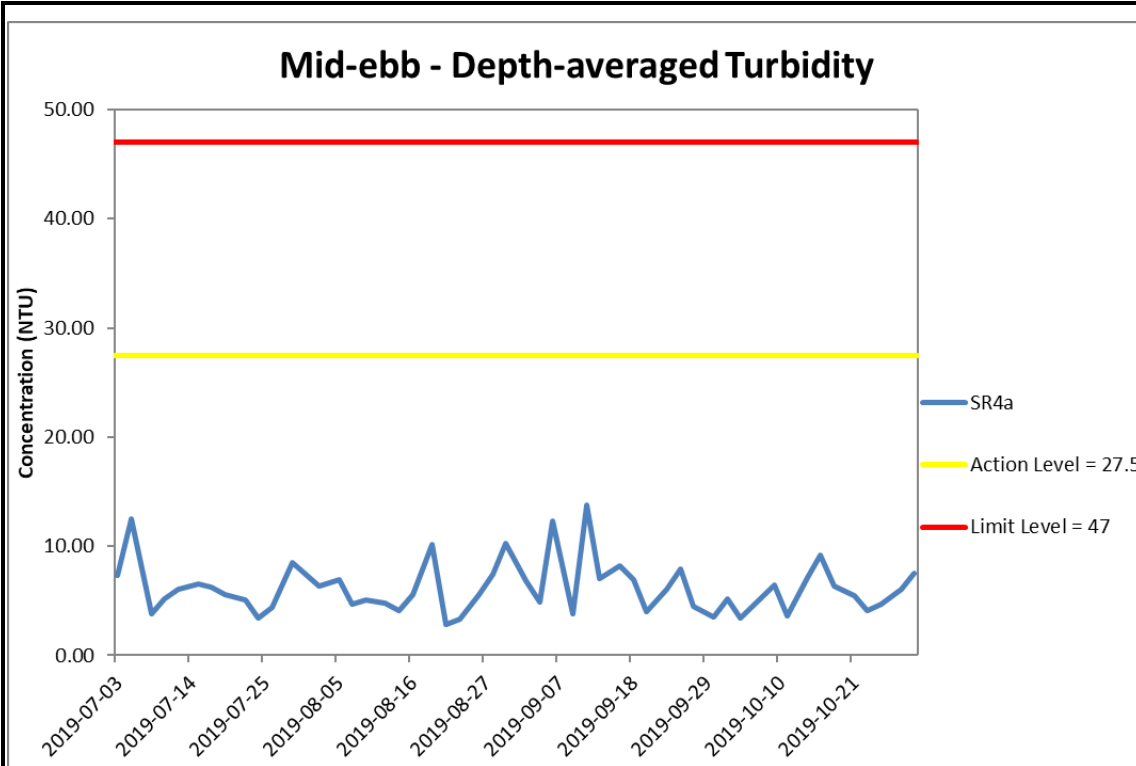




**Figure J33 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at SR4(N2).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

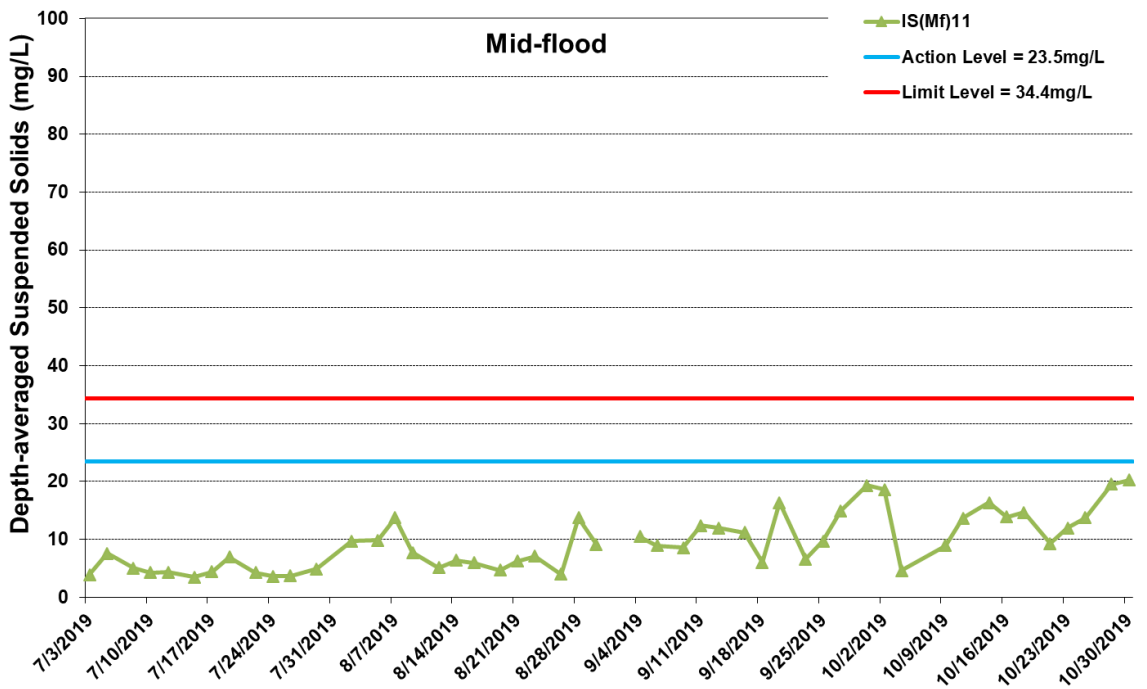
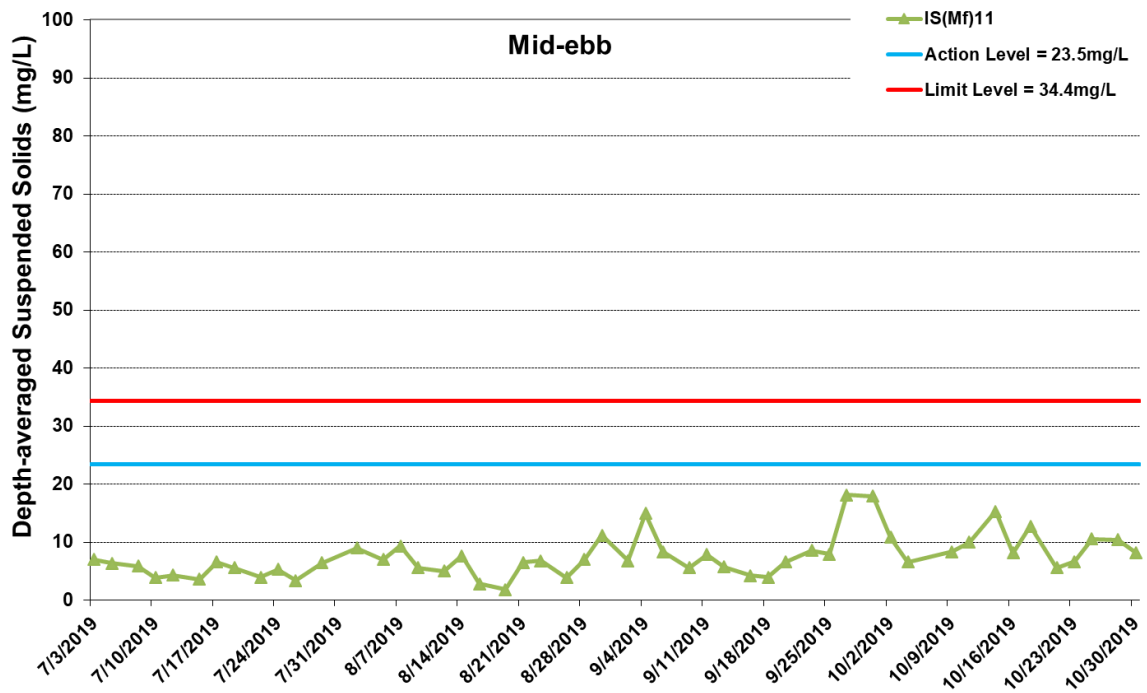




**Figure J34 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 July 2019 and 31 October 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



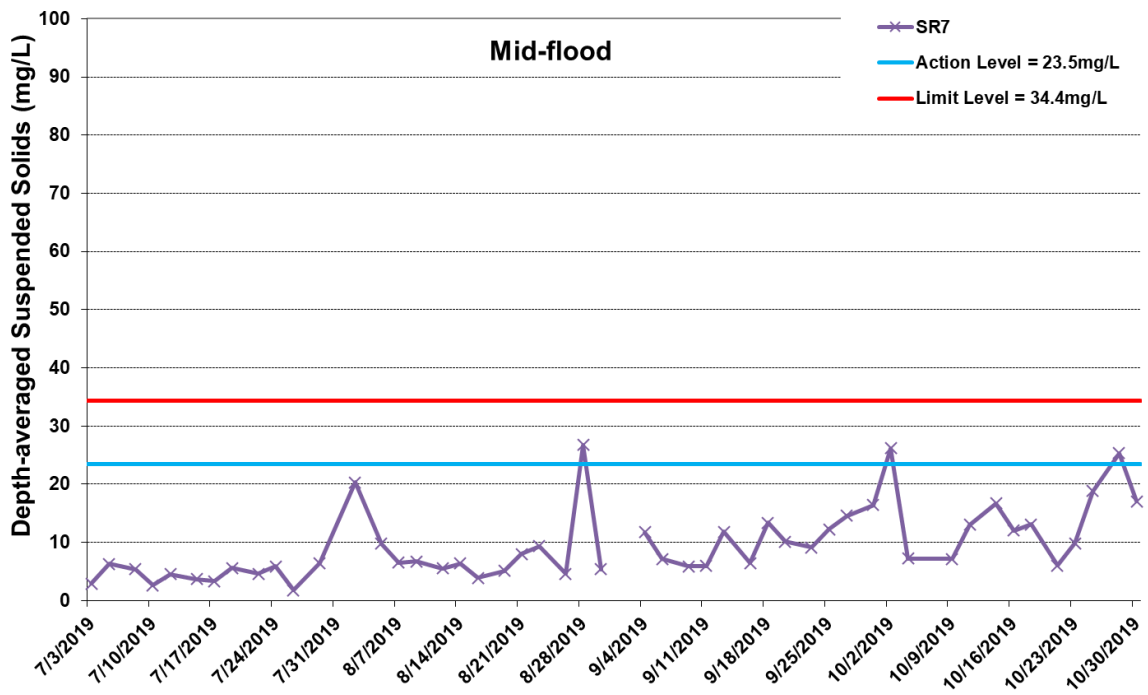
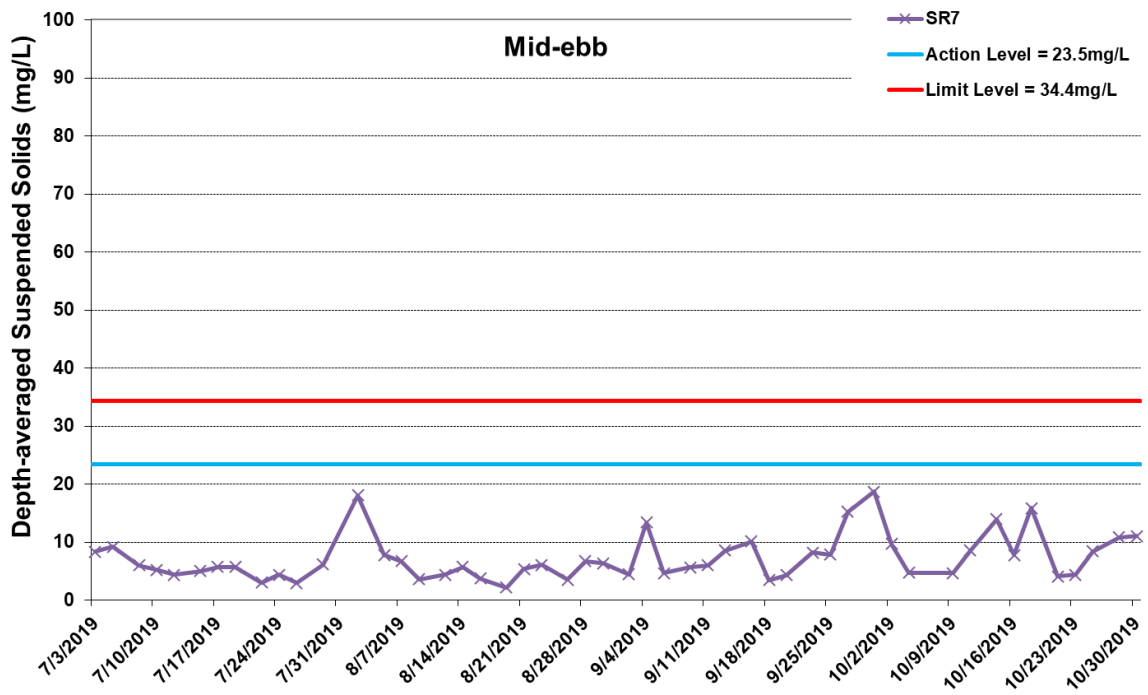


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J35 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

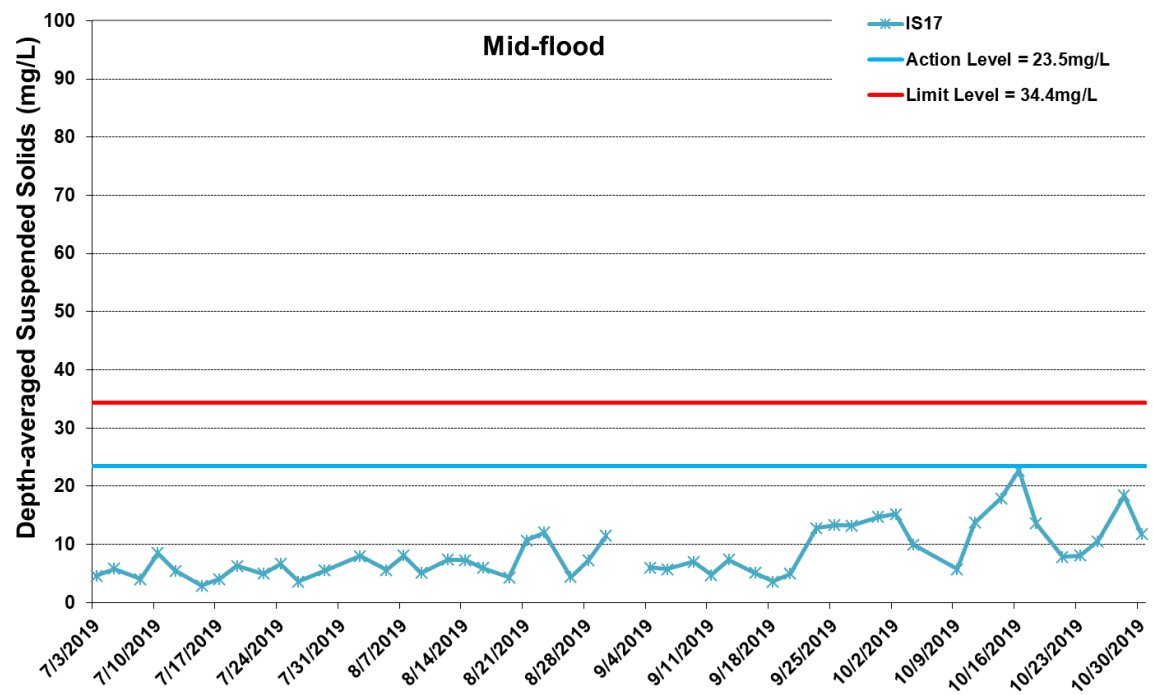
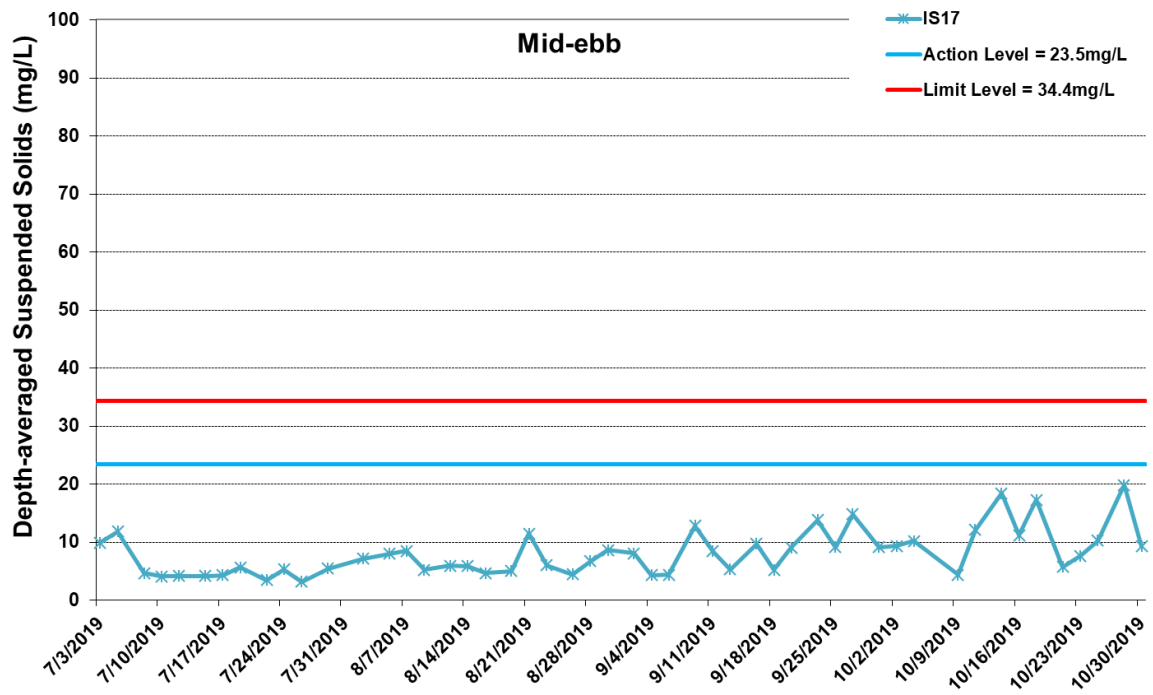


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J36 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



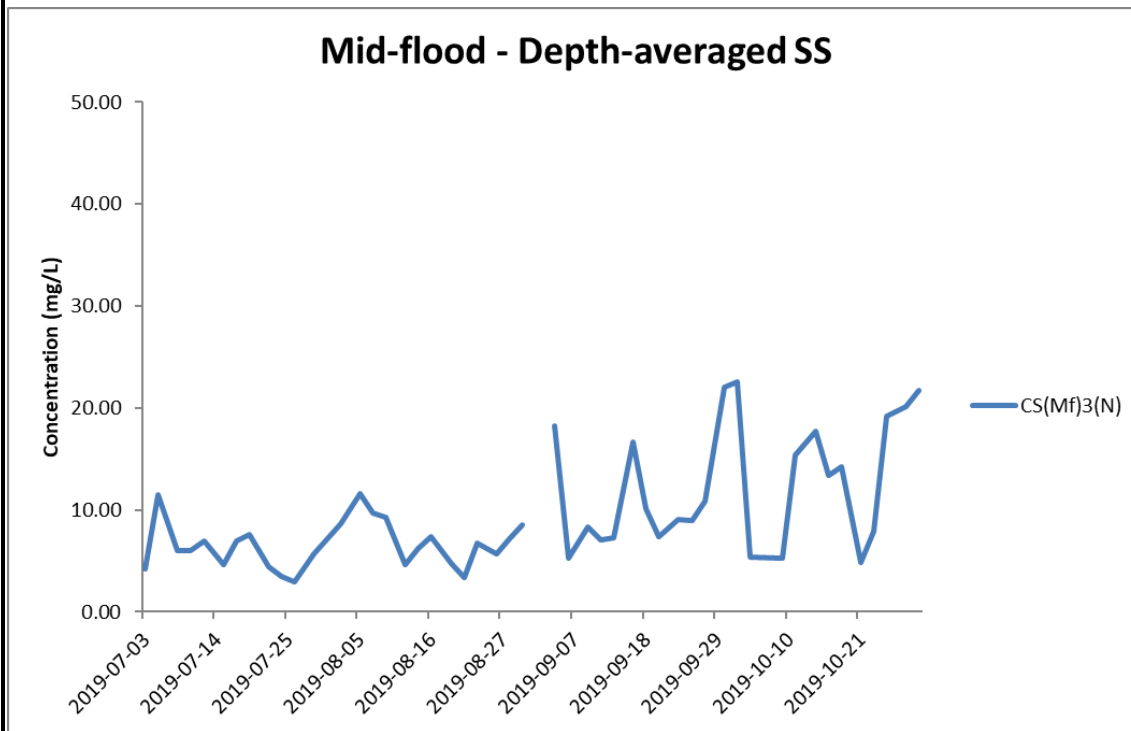
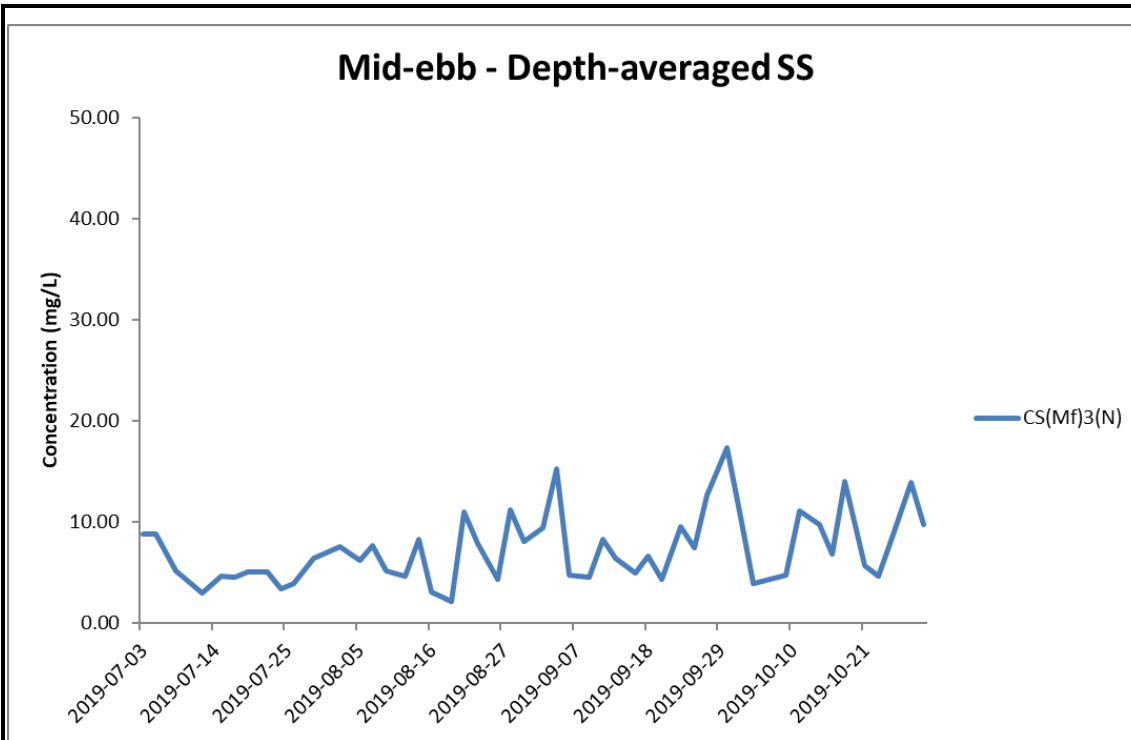


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J37 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

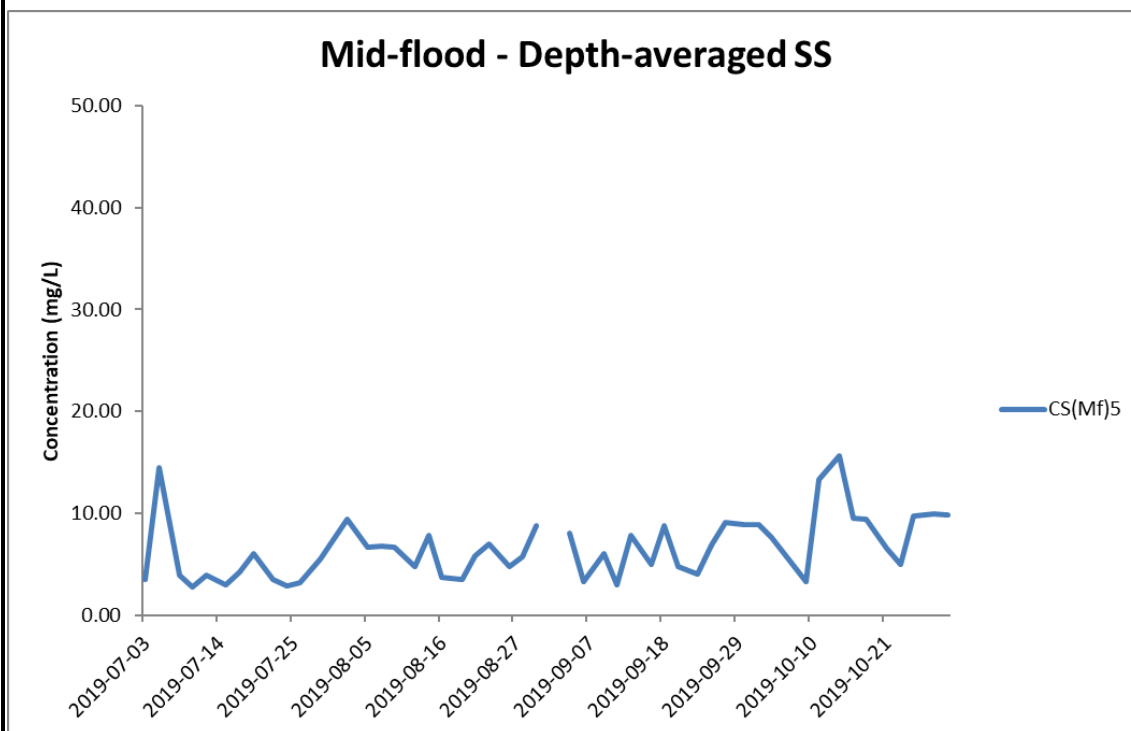
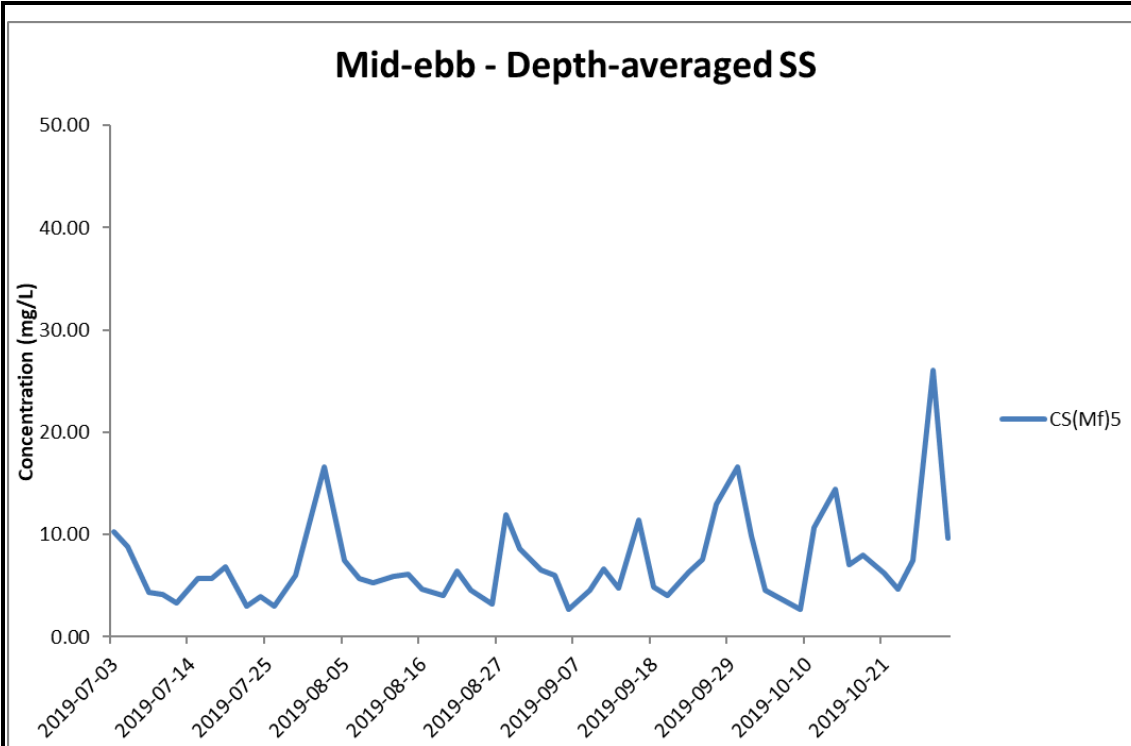




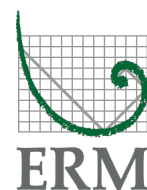
**Figure J38 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 – 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

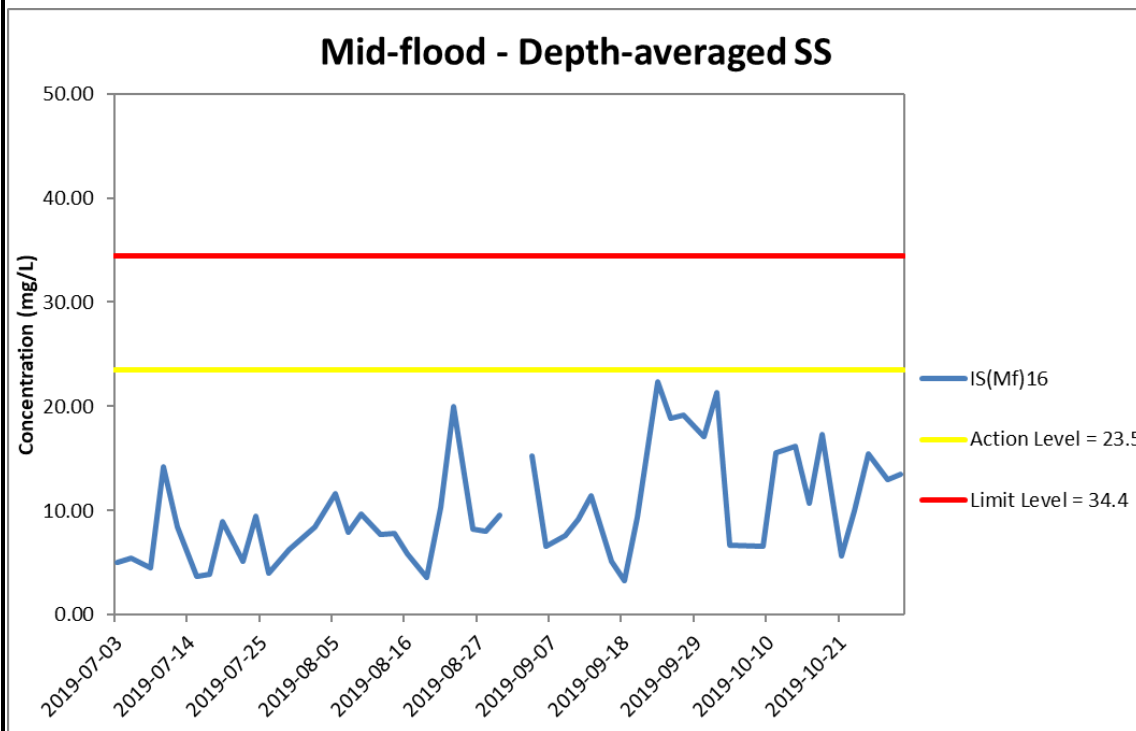
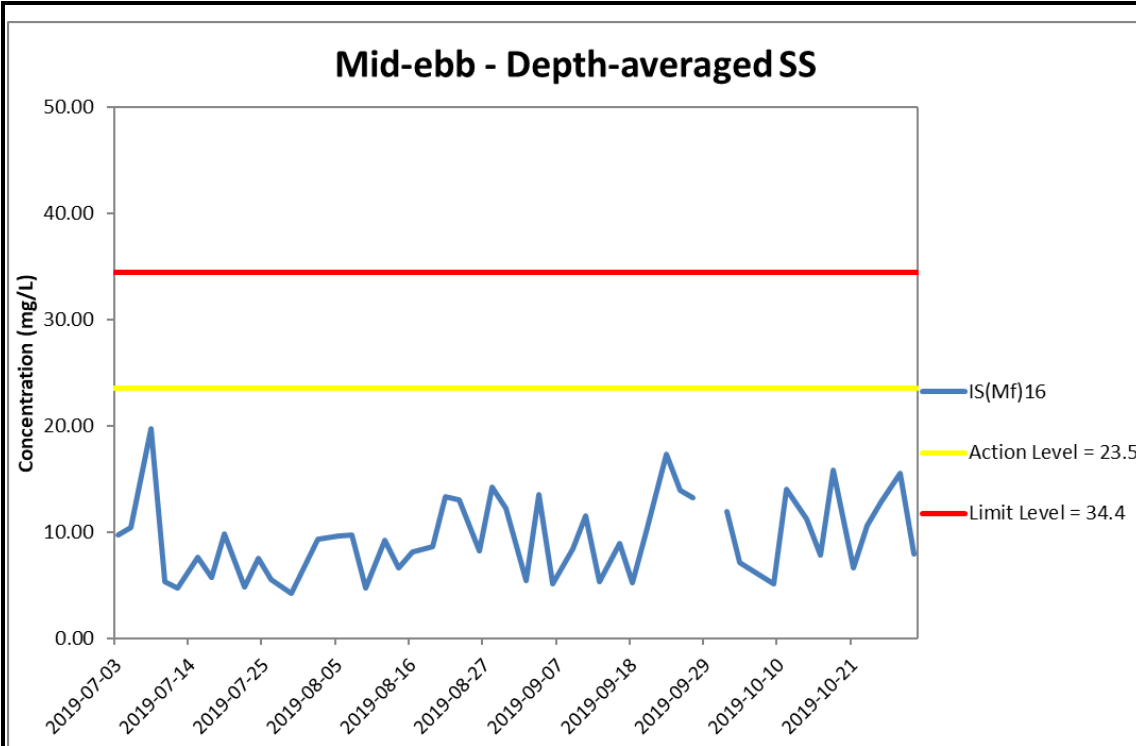


**Figure J39 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 – 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls

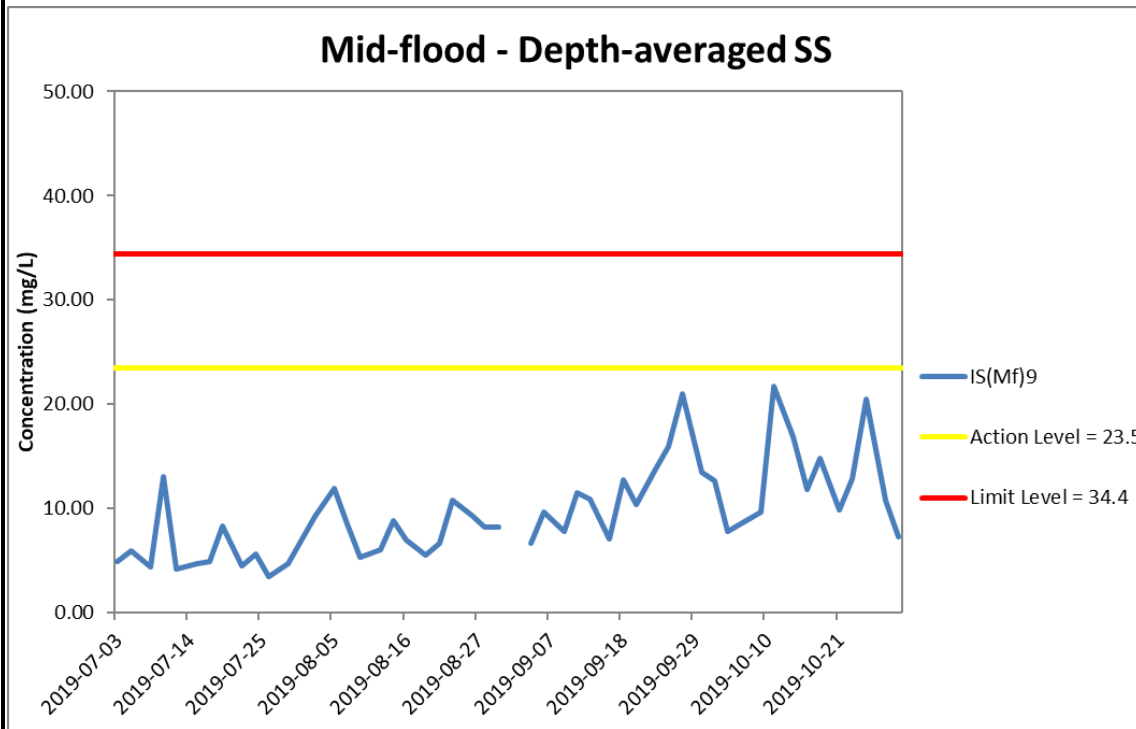
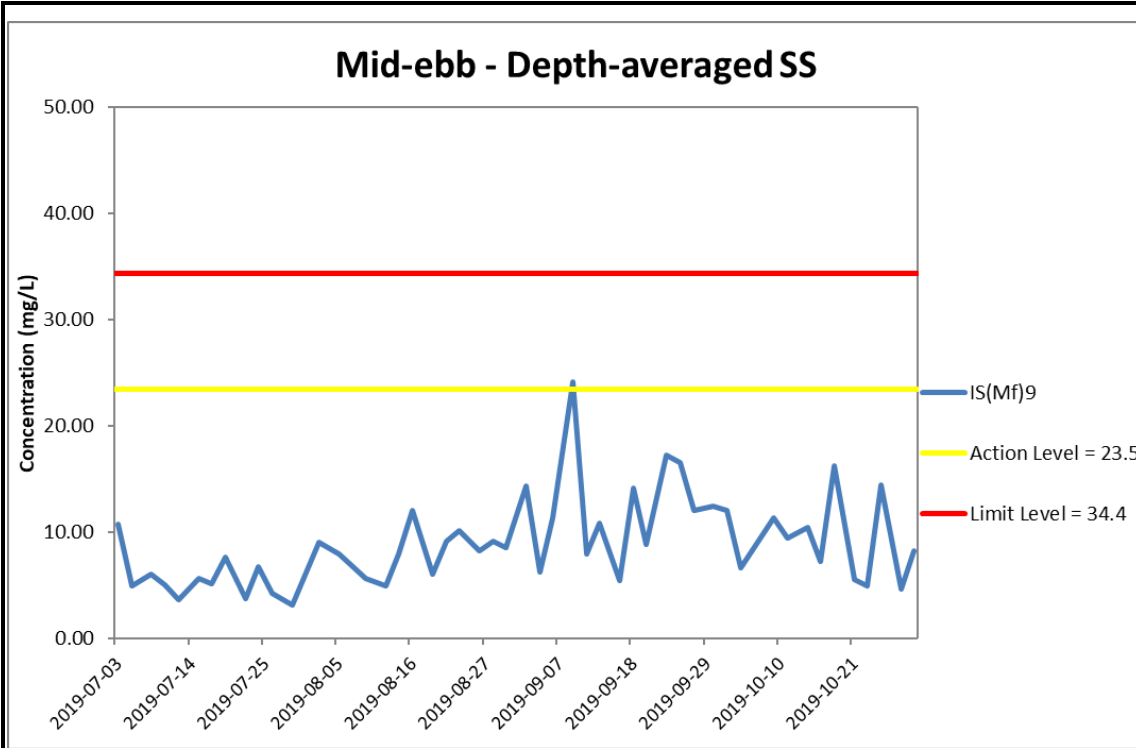




**Figure J40 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 – 31/10/2019).**



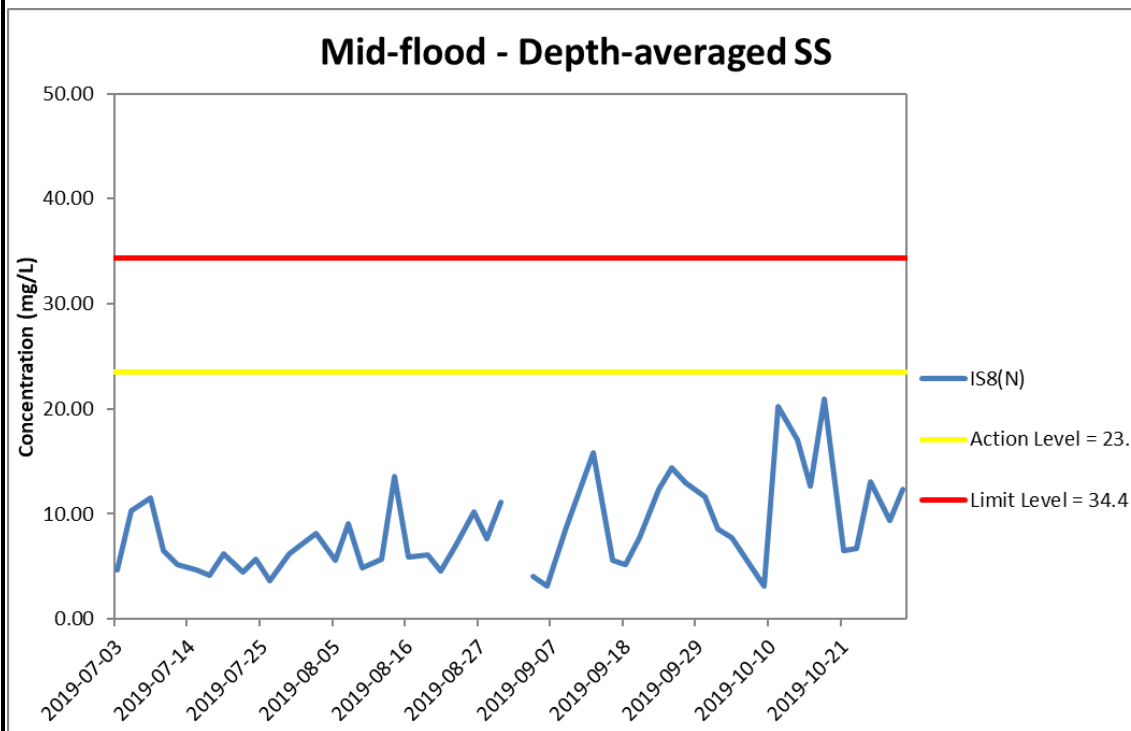
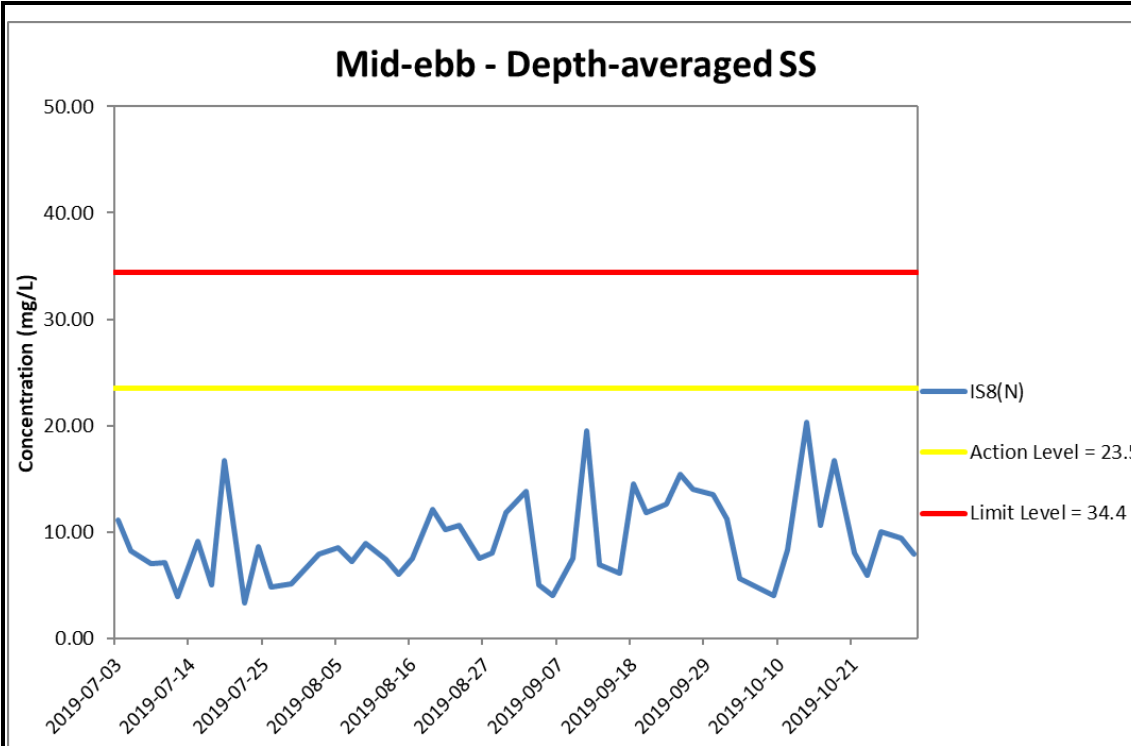
Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



**Figure J41 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 – 31/10/2019).**



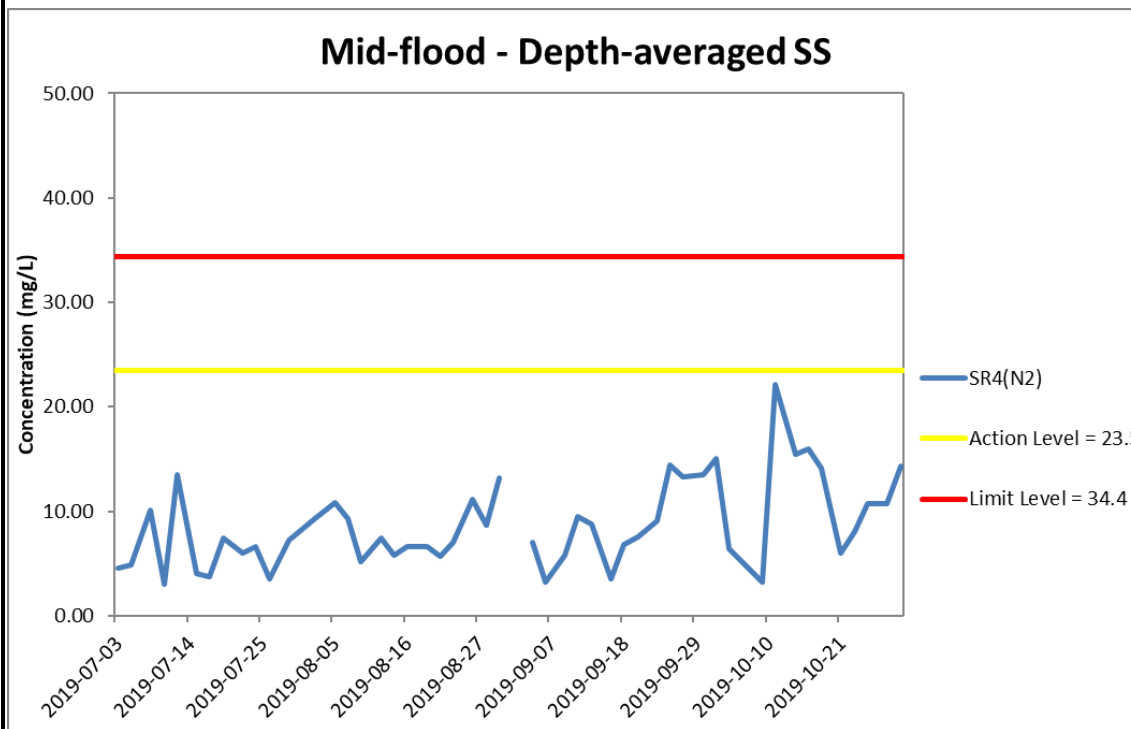
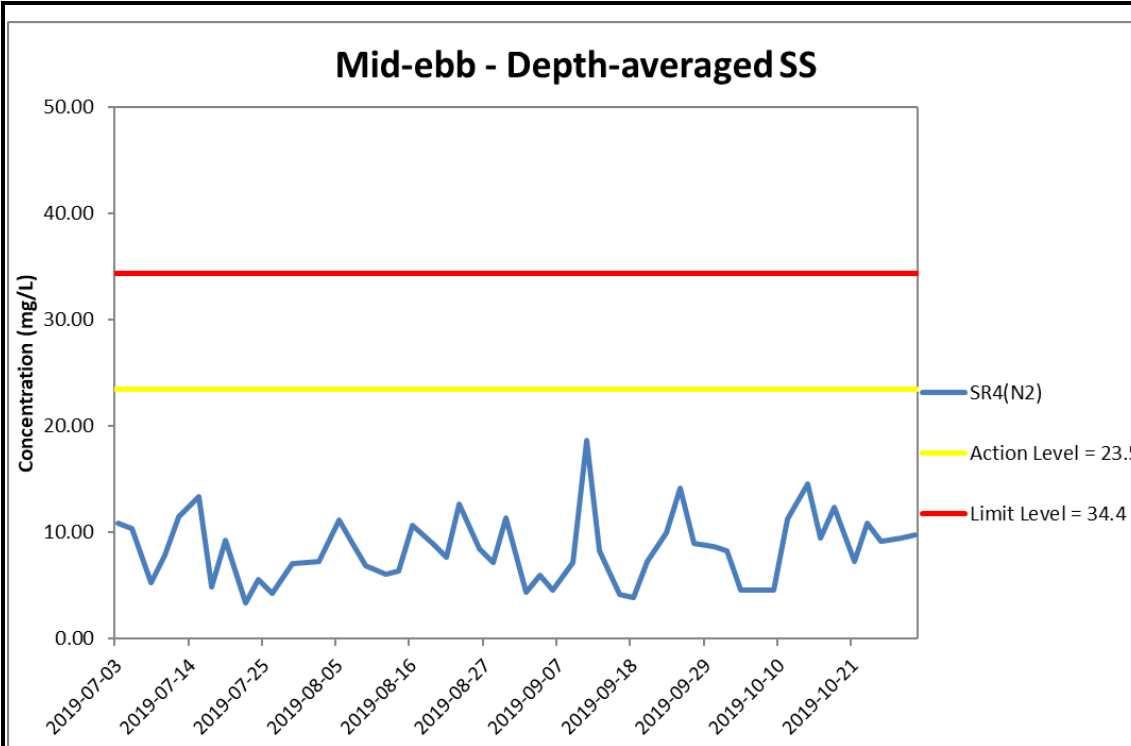
Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



**Figure J42 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 – 31/10/2019).**



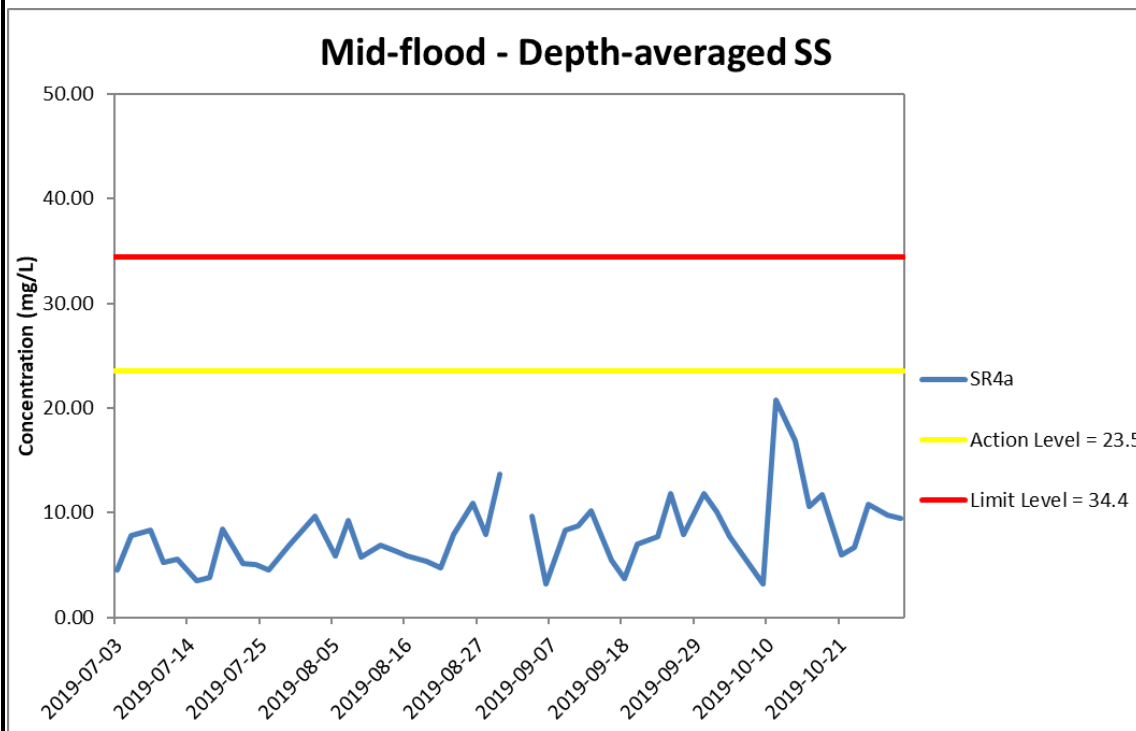
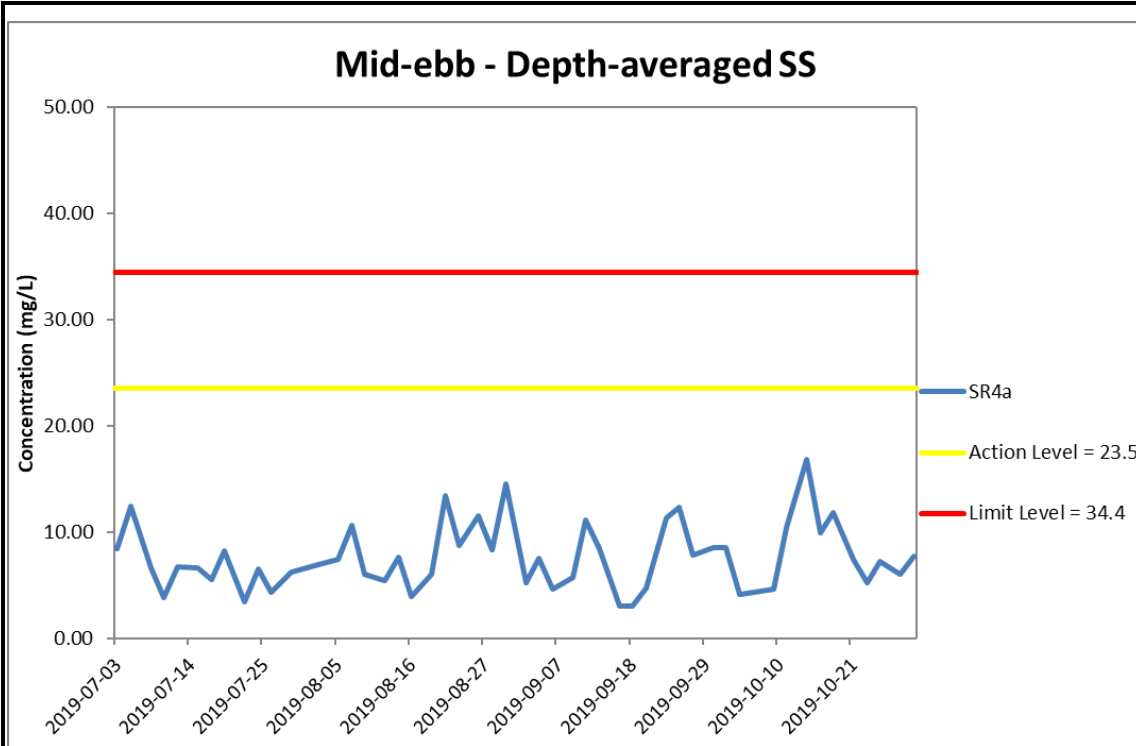
Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



**Figure J43 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 – 31/10/2019).**



Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



**Figure J44 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 July 2019 and 31 October 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/7/2019 - 31/10/2019).**

Ref: 0212330\_Impact-WQM\_October2019\_graphs\_Rev a.xls



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:37	12.5	Surface	1	1	29.6	7.9	26.4	5.3	5	8.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:37	12.5	Surface	1	2	28.6	7.9	25	5.5	4.9	8.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:37	12.5	Middle	2	1	29.5	7.9	26.7	5.2	6.4	9.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:37	12.5	Middle	2	2	28.5	7.9	25.1	5.4	6.1	10.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:37	12.5	Bottom	3	1	29.3	7.9	26.6	5.1	14.4	11
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:37	12.5	Bottom	3	2	28.4	7.9	25.5	5.3	14.2	10.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:58	7.3	Surface	1	1	29.7	7.9	26.6	5.6	4.9	8.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:58	7.3	Surface	1	2	28.7	7.9	24.2	5.7	4.6	8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:58	7.3	Middle	2	1	29.4	7.9	26.5	5.3	9.8	10.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:58	7.3	Middle	2	2	28.4	7.9	24.5	5.5	9.2	10.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:58	7.3	Bottom	3	1	29.4	7.9	26.5	5.3	13.9	12.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:58	7.3	Bottom	3	2	28.4	7.9	24.7	5.5	13.2	12.5
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	14:14	5.5	Surface	1	1	29.7	7.9	26.4	5.7	5.3	11.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	14:14	5.5	Surface	1	2	28.7	7.9	24.9	5.9	5.4	11.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	14:14	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	14:14	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	14:14	5.5	Bottom	3	1	29.7	7.9	26.7	5.7	6	12.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	14:14	5.5	Bottom	3	2	28.7	7.9	25	5.9	5.7	12
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4a	Cloudy	Moderate	14:04	4.9	Surface	1	1	29.6	7.9	26.6	5.8	4.5	8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4a	Cloudy	Moderate	14:04	4.9	Surface	1	2	28.9	7.9	24.7	6	4.5	7.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4a	Cloudy	Moderate	14:04	4.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4a	Cloudy	Moderate	14:04	4.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4a	Cloudy	Moderate	14:04	4.9	Bottom	3	1	29.5	7.9	26.5	5.5	6	8.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4a	Cloudy	Moderate	14:04	4.9	Bottom	3	2	28.5	7.9	24.9	5.6	5.8	9.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4(N2)	Cloudy	Moderate	14:00	4	Surface	1	1	30	7.9	26.6	5.8	5.1	8.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4(N2)	Cloudy	Moderate	14:00	4	Surface	1	2	29	7.9	24.7	6	5	8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4(N2)	Cloudy	Moderate	14:00	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4(N2)	Cloudy	Moderate	14:00	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4(N2)	Cloudy	Moderate	14:00	4	Bottom	3	1	30	7.9	26.5	5.9	5.4	8.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR4(N2)	Cloudy	Moderate	14:00	4	Bottom	3	2	29	7.9	24.7	6.1	6	8.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS8(N)	Cloudy	Moderate	13:54	3.5	Surface	1	1	29.9	7.9	26.3	5.8	5.6	11.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS8(N)	Cloudy	Moderate	13:54	3.5	Surface	1	2	28.9	7.9	24.8	6	5.5	11.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS8(N)	Cloudy	Moderate	13:54	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS8(N)	Cloudy	Moderate	13:54	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS8(N)	Cloudy	Moderate	13:54	3.5	Bottom	3	1	29.8	7.9	26.7	5.8	6.2	11.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS8(N)	Cloudy	Moderate	13:54	3.5	Bottom	3	2	28.8	7.9	24.9	6	6.9	11.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	13:48	3.3	Surface	1	1	29.8	7.9	26.5	5.6	7.4	10.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	13:48	3.3	Surface	1	2	28.8	7.9	25.1	5.7	7.3	10.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	13:48	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	13:48	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	13:48	3.3	Bottom	3	1	29.5	7.9	26.5	5.4	13.5	13.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	13:48	3.3	Bottom	3	2	28.5	7.9	25.1	5.5	13.6	13.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:29	12.2	Surface	1	1	29.8	7.9	26.7	5.6	5.4	9.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:29	12.2	Surface	1	2	28.8	7.9	24.4	5.7	5.1	10.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:29	12.2	Middle	2	1	29.6	7.9	26.4	5.4	6.2	11.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:29	12.2	Middle	2	2	28.6	7.9	24.8	5.6	6.6	12
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:29	12.2	Bottom	3	1	29.5	7.9	26.6	5.4	8.1	10.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:29	12.2	Bottom	3	2	28.5	7.9	24.9	5.6	8.1	11
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR7	Cloudy	Moderate	15:21	3.6	Surface	1	1	29.7	7.9	26.4	5.6	6.4	9
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR7	Cloudy	Moderate	15:21	3.6	Surface	1	2	28.7	7.9	24.3	5.7	6.4	8.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR7	Cloudy	Moderate	15:21	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR7	Cloudy	Moderate	15:21	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR7	Cloudy	Moderate	15:21	3.6	Bottom	3	1	29.5	7.9	26.7	5.6	8.7	10.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	SR7	Cloudy	Moderate	15:21	3.6	Bottom	3	2	28.5	7.9	24.6	5.7	8	10.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS17	Cloudy	Moderate	14:21	7.2	Surface	1	1	29.7	7.9	26.4	5.4	6.8	8.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS17	Cloudy	Moderate	14:21	7.2	Surface	1	2	28.7	7.9	24.8	5.6	6.4	8.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS17	Cloudy	Moderate	14:21	7.2	Middle	2	1	29.5	7.9	26.6	5.3	9.3	8.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS17	Cloudy	Moderate	14:21	7.2	Middle	2	2	28.5	7.9	25	5.5	10	9.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS17	Cloudy	Moderate	14:21	7.2	Bottom	3	1	29.5	7.9	26.6	5.4	9.5	10.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Ebb	IS17	Cloudy	Moderate	14:21	7.2	Bottom	3	2	28.5	7.9	25.1	5.6	9.2	10.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:05	12	Surface	1	1	29.5	7.9	26.7	5.4	5.1	8.7

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:05	12	Surface	1	2	28.5	7.9	24.8	5.5	5.1	8.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:05	12	Middle	2	1	29.3	7.9	26.6	5.2	11.7	8.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:05	12	Middle	2	2	28.3	7.9	25.1	5.4	12.6	8.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:05	12	Bottom	3	1	29.3	7.9	26.5	5.1	14.9	9.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:05	12	Bottom	3	2	28.3	7.9	25.5	5.2	15	9.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	09:48	7	Surface	1	1	29.4	7.9	26.1	5.4	10.3	20.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	09:48	7	Surface	1	2	28.4	7.9	24.3	5.6	10.2	20.5
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	09:48	7	Middle	2	1	29.4	7.9	26.4	5.4	13.6	23.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	09:48	7	Middle	2	2	28.4	7.9	24.3	5.6	13.9	23.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	09:48	7	Bottom	3	1	29.4	7.9	26.7	5.5	18.3	24.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	09:48	7	Bottom	3	2	28.4	7.9	24.3	5.7	18.2	24.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)16	Cloudy	Moderate	10:31	5.6	Surface	1	1	29.4	7.9	26.5	5.5	13.3	21
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)16	Cloudy	Moderate	10:31	5.6	Surface	1	2	28.5	7.9	24.7	5.7	13.1	21.2
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)16	Cloudy	Moderate	10:31	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)16	Cloudy	Moderate	10:31	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)16	Cloudy	Moderate	10:31	5.6	Bottom	3	1	29.4	7.9	26.6	5.5	12.4	21.5
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)16	Cloudy	Moderate	10:31	5.6	Bottom	3	2	28.4	7.9	24.8	5.7	12.2	21.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4a	Cloudy	Moderate	10:40	4.7	Surface	1	1	29.3	7.9	26.4	5.4	5.8	9.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4a	Cloudy	Moderate	10:40	4.7	Surface	1	2	28.3	7.9	24.9	5.6	5.9	9.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4a	Cloudy	Moderate	10:40	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4a	Cloudy	Moderate	10:40	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4a	Cloudy	Moderate	10:40	4.7	Bottom	3	1	29.3	7.9	26.5	5.5	6	10.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4a	Cloudy	Moderate	10:40	4.7	Bottom	3	2	28.3	7.9	25	5.7	5.3	11
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4(N2)	Cloudy	Moderate	10:45	3.9	Surface	1	1	29.3	7.9	26.4	5.4	8.2	11.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4(N2)	Cloudy	Moderate	10:45	3.9	Surface	1	2	28.3	7.9	25	5.6	8.6	10.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4(N2)	Cloudy	Moderate	10:45	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4(N2)	Cloudy	Moderate	10:45	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4(N2)	Cloudy	Moderate	10:45	3.9	Bottom	3	1	29.3	7.9	26.6	5.4	11.7	19.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR4(N2)	Cloudy	Moderate	10:45	3.9	Bottom	3	2	28.3	7.9	25	5.6	11.7	19.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS8(N)	Cloudy	Moderate	10:51	3.4	Surface	1	1	29.5	7.9	26.5	5.6	5.6	8.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS8(N)	Cloudy	Moderate	10:51	3.4	Surface	1	2	28.5	7.9	24.7	5.7	5.4	8.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS8(N)	Cloudy	Moderate	10:51	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS8(N)	Cloudy	Moderate	10:51	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS8(N)	Cloudy	Moderate	10:51	3.4	Bottom	3	1	29.5	7.9	26.7	5.7	6.4	8.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS8(N)	Cloudy	Moderate	10:51	3.4	Bottom	3	2	28.5	7.9	24.8	5.8	6.7	9.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:59	3.3	Surface	1	1	29.4	7.9	26.5	5.4	8.2	11.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:59	3.3	Surface	1	2	28.4	7.9	25.1	5.6	8.6	12.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:59	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:59	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:59	3.3	Bottom	3	1	29.3	7.9	26.2	5.5	8.8	13.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:59	3.3	Bottom	3	2	28.3	7.9	25.1	5.7	8.9	13
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:17	11.7	Surface	1	1	29.4	7.9	26.3	5.4	13.7	17.7
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:17	11.7	Surface	1	2	28.4	7.9	24.8	5.6	13.9	18.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:17	11.7	Middle	2	1	29.3	7.9	26.5	5.3	15.1	22
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:17	11.7	Middle	2	2	28.3	7.9	24.8	5.5	15.7	21.6
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:17	11.7	Bottom	3	1	29.3	7.9	26.8	5.4	16.3	16.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:17	11.7	Bottom	3	2	28.3	7.9	24.9	5.5	16.4	16
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR7	Cloudy	Moderate	09:24	3.9	Surface	1	1	29.4	7.9	26.4	5.4	10.8	24.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR7	Cloudy	Moderate	09:24	3.9	Surface	1	2	28.4	7.9	24.7	5.5	10.8	24.4
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR7	Cloudy	Moderate	09:24	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR7	Cloudy	Moderate	09:24	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR7	Cloudy	Moderate	09:24	3.9	Bottom	3	1	29.4	7.9	26.5	5.4	12.7	28.3
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	SR7	Cloudy	Moderate	09:24	3.9	Bottom	3	2	28.4	7.9	24.7	5.6	12.9	27.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS17	Cloudy	Moderate	10:24	7.2	Surface	1	1	29.5	7.9	26.8	5.4	7.6	10.5
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS17	Cloudy	Moderate	10:24	7.2	Surface	1	2	28.5	8	24.9	5.5	7.3	10.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS17	Cloudy	Moderate	10:24	7.2	Middle	2	1	29.3	7.9	26.6	5.3	14.3	14.9
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS17	Cloudy	Moderate	10:24	7.2	Middle	2	2	28.3	7.9	24.9	5.5	14.4	15.1
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS17	Cloudy	Moderate	10:24	7.2	Bottom	3	1	29.3	7.9	26.3	5.4	17.7	19.8
TMCLKL	HY/2012/08	2019-10-02	Mid-Flood	IS17	Cloudy	Moderate	10:24	7.2	Bottom	3	2	28.3	7.9	24.9	5.7	17.2	20.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)5	Sunny	Calm	17:16	14.9	Surface	1	1	30.3	7.7	27.2	5.9	1.8	4.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)5	Sunny	Calm	17:16	14.9	Surface	1	2	30.3	7.7	27.2	5.9	1.8	4.6



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)5	Sunny	Calm	17:16	14.9	Middle	2	1	29.7	7.7	28.7	5.3	2.2	4.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)5	Sunny	Calm	17:16	14.9	Middle	2	2	29.7	7.7	28.6	5.3	2.2	4.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)5	Sunny	Calm	17:16	14.9	Bottom	3	1	29.7	7.7	28.8	5.3	2.5	4.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)5	Sunny	Calm	17:16	14.9	Bottom	3	2	29.7	7.7	28.9	5.3	2.4	5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	16:32	7.2	Surface	1	1	30.1	7.7	24.3	6.2	2.6	3.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	16:32	7.2	Surface	1	2	30.1	7.7	24.4	6.2	2.6	3
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	16:32	7.2	Middle	2	1	29.7	7.7	25.3	5.8	7.4	3.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	16:32	7.2	Middle	2	2	29.7	7.7	25.3	5.8	7.4	3.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	16:32	7.2	Bottom	3	1	29.7	7.7	27.4	5.8	6.9	5.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	16:32	7.2	Bottom	3	2	29.7	7.7	27.4	5.8	6.8	5.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:49	5.5	Surface	1	1	29.8	7.7	27.3	5.5	10.4	6.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:49	5.5	Surface	1	2	29.8	7.7	27.3	5.5	10.4	6.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:49	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:49	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:49	5.5	Bottom	3	1	29.6	7.7	28.1	5.3	9.3	7.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:49	5.5	Bottom	3	2	29.5	7.7	28.2	5.3	9.3	7.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4a	Sunny	Calm	15:40	4.2	Surface	1	1	30	7.7	26.9	6	3.2	3.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4a	Sunny	Calm	15:40	4.2	Surface	1	2	30	7.7	26.9	6	3.2	3.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4a	Sunny	Calm	15:40	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4a	Sunny	Calm	15:40	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4a	Sunny	Calm	15:40	4.2	Bottom	3	1	30	7.7	26.9	6	3.7	4.5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4a	Sunny	Calm	15:40	4.2	Bottom	3	2	30	7.7	26.9	6	3.7	4.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4(N2)	Sunny	Calm	15:37	3.9	Surface	1	1	30.3	7.7	26.8	6	3.3	4.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4(N2)	Sunny	Calm	15:37	3.9	Surface	1	2	30.3	7.7	26.8	6	3.3	3.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4(N2)	Sunny	Calm	15:37	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4(N2)	Sunny	Calm	15:37	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4(N2)	Sunny	Calm	15:37	3.9	Bottom	3	1	30.2	7.7	26.8	6.1	3.4	5.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR4(N2)	Sunny	Calm	15:37	3.9	Bottom	3	2	30.2	7.7	26.8	6	3.3	5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS8(N)	Sunny	Calm	15:31	4.1	Surface	1	1	30.4	7.7	26.7	6.1	3	5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS8(N)	Sunny	Calm	15:31	4.1	Surface	1	2	30.4	7.7	26.7	6.1	3	4.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS8(N)	Sunny	Calm	15:31	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS8(N)	Sunny	Calm	15:31	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS8(N)	Sunny	Calm	15:31	4.1	Bottom	3	1	30.3	7.7	27.4	6.2	5	6.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS8(N)	Sunny	Calm	15:31	4.1	Bottom	3	2	30.3	7.7	27.4	6.2	5	6.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)9	Sunny	Calm	15:25	3.8	Surface	1	1	30	7.9	27.7	5.7	5.4	6.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)9	Sunny	Calm	15:25	3.8	Surface	1	2	30	7.9	27.7	5.7	5.3	6.5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)9	Sunny	Calm	15:25	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)9	Sunny	Calm	15:25	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)9	Sunny	Calm	15:25	3.8	Bottom	3	1	29.8	7.9	27.8	5.4	9.3	7
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)9	Sunny	Calm	15:25	3.8	Bottom	3	2	29.8	7.9	27.8	5.4	9.3	6.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)11	Sunny	Moderate	16:03	10.8	Surface	1	1	29.7	7.7	27.1	5.6	5.2	5.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)11	Sunny	Moderate	16:03	10.8	Surface	1	2	29.7	7.7	27.1	5.6	5.2	6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)11	Sunny	Moderate	16:03	10.8	Middle	2	1	29.6	7.7	27.4	5.4	6.8	6.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)11	Sunny	Moderate	16:03	10.8	Middle	2	2	29.6	7.7	27.4	5.4	6.8	6.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)11	Sunny	Moderate	16:03	10.8	Bottom	3	1	29.5	7.7	27.6	5.4	9.7	7
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS(Mf)11	Sunny	Moderate	16:03	10.8	Bottom	3	2	29.5	7.7	27.6	5.4	9.8	7.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR7	Sunny	Moderate	16:56	4.2	Surface	1	1	29.8	7.7	27	5.8	3.5	4.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR7	Sunny	Moderate	16:56	4.2	Surface	1	2	29.8	7.7	27	5.8	3.5	4.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR7	Sunny	Moderate	16:56	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR7	Sunny	Moderate	16:56	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR7	Sunny	Moderate	16:56	4.2	Bottom	3	1	29.6	7.7	27.6	5.5	7.7	5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	SR7	Sunny	Moderate	16:56	4.2	Bottom	3	2	29.6	7.7	27.7	5.5	7.6	5
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS17	Sunny	Calm	15:56	11.2	Surface	1	1	29.6	7.7	27.7	5.3	4.6	9.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS17	Sunny	Calm	15:56	11.2	Surface	1	2	29.6	7.7	27.7	5.3	4.6	9.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS17	Sunny	Calm	15:56	11.2	Middle	2	1	29.5	7.7	28.1	5.2	6.2	10
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS17	Sunny	Calm	15:56	11.2	Middle	2	2	29.5	7.7	28.1	5.2	6.2	9.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS17	Sunny	Calm	15:56	11.2	Bottom	3	1	29.5	7.7	28.2	5.2	7	10.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Ebb	IS17	Sunny	Calm	15:56	11.2	Bottom	3	2	29.5	7.7	28.2	5.2	7	11.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:30	13.8	Surface	1	1	29.6	7.6	27.3	5.5	4.5	6.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:30	13.8	Surface	1	2	29.6	7.6	27.3	5.5	4.5	6.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:30	13.8	Middle	2	1	29.5	7.6	27.5	5.4	5	6.8



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:30	13.8	Middle	2	2	29.5	7.6	27.5	5.4	4.9	7.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:30	13.8	Bottom	3	1	29.5	7.6	27.6	5.5	3.6	9
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:30	13.8	Bottom	3	2	29.5	7.6	27.6	5.5	3.6	9.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:30	7.3	Surface	1	1	29.8	7.7	25.1	5.9	2.9	4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:30	7.3	Surface	1	2	29.8	7.7	25.1	5.9	2.9	4.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:30	7.3	Middle	2	1	29.6	7.7	25.6	5.8	4.1	5.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:30	7.3	Middle	2	2	29.6	7.7	25.6	5.8	4	6
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:30	7.3	Bottom	3	1	29.4	7.7	26	5.8	7.2	6
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:30	7.3	Bottom	3	2	29.4	7.7	26	5.8	7.2	5.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:13	5.2	Surface	1	1	29.7	7.7	26.9	5.6	5.7	6.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:13	5.2	Surface	1	2	29.7	7.7	26.9	5.6	5.7	6.5
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:13	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:13	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:13	5.2	Bottom	3	1	29.7	7.7	27.2	5.6	6.3	6.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:13	5.2	Bottom	3	2	29.7	7.7	27.2	5.6	6.2	7
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4a	Sunny	Moderate	12:23	3.6	Surface	1	1	29.8	7.7	27.2	5.6	4.1	8
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4a	Sunny	Moderate	12:23	3.6	Surface	1	2	29.8	7.7	27.2	5.6	4.1	8.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4a	Sunny	Moderate	12:23	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4a	Sunny	Moderate	12:23	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4a	Sunny	Moderate	12:23	3.6	Bottom	3	1	29.8	7.7	27.4	5.7	3.7	7.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4a	Sunny	Moderate	12:23	3.6	Bottom	3	2	29.8	7.7	27.4	5.7	3.7	7.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4(N2)	Sunny	Moderate	12:27	3.8	Surface	1	1	30	7.7	26.9	5.7	3.7	5.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4(N2)	Sunny	Moderate	12:27	3.8	Surface	1	2	30	7.7	26.9	5.7	3.6	5.5
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4(N2)	Sunny	Moderate	12:27	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4(N2)	Sunny	Moderate	12:27	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4(N2)	Sunny	Moderate	12:27	3.8	Bottom	3	1	29.7	7.7	27.4	5.7	6.3	7.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR4(N2)	Sunny	Moderate	12:27	3.8	Bottom	3	2	29.7	7.7	27.3	5.7	6.2	7.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS8(N)	Sunny	Moderate	12:31	4.1	Surface	1	1	30	7.7	26.8	5.8	3	7.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS8(N)	Sunny	Moderate	12:31	4.1	Surface	1	2	30	7.7	26.8	5.8	3.1	7.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS8(N)	Sunny	Moderate	12:31	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS8(N)	Sunny	Moderate	12:31	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS8(N)	Sunny	Moderate	12:31	4.1	Bottom	3	1	29.8	7.7	27	5.8	4.6	8.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS8(N)	Sunny	Moderate	12:31	4.1	Bottom	3	2	29.8	7.7	27	5.8	4.6	8.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:39	3.2	Surface	1	1	29.7	7.7	27.4	5.7	5.3	6.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:39	3.2	Surface	1	2	29.7	7.7	27.4	5.7	5.3	6.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:39	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:39	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:39	3.2	Bottom	3	1	29.7	7.7	27.8	5.5	8.6	8.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:39	3.2	Bottom	3	2	29.7	7.7	27.8	5.4	8.6	8.6
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)11	Sunny	Moderate	11:59	11.4	Surface	1	1	29.8	7.7	26.7	5.8	3.9	4.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)11	Sunny	Moderate	11:59	11.4	Surface	1	2	29.8	7.7	26.7	5.8	3.9	4.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)11	Sunny	Moderate	11:59	11.4	Middle	2	1	29.8	7.8	26.7	5.8	4.3	4.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)11	Sunny	Moderate	11:59	11.4	Middle	2	2	29.8	7.8	26.7	5.8	4.3	4.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)11	Sunny	Moderate	11:59	11.4	Bottom	3	1	29.6	7.8	27.1	5.7	8.5	5
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS(Mf)11	Sunny	Moderate	11:59	11.4	Bottom	3	2	29.6	7.8	27.1	5.7	8.5	4.7
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR7	Sunny	Moderate	10:52	4.5	Surface	1	1	29.6	7.7	26.6	5.6	4.3	6.1
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR7	Sunny	Moderate	10:52	4.5	Surface	1	2	29.6	7.7	26.6	5.6	4.2	6.4
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR7	Sunny	Moderate	10:52	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR7	Sunny	Moderate	10:52	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR7	Sunny	Moderate	10:52	4.5	Bottom	3	1	29.6	7.7	26.7	5.7	6.3	8.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	SR7	Sunny	Moderate	10:52	4.5	Bottom	3	2	29.6	7.7	26.7	5.7	6.2	8
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS17	Sunny	Moderate	12:07	9.8	Surface	1	1	29.5	7.7	27.5	5.3	4.6	8.2
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS17	Sunny	Moderate	12:07	9.8	Surface	1	2	29.5	7.7	27.5	5.3	4.6	7.8
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS17	Sunny	Moderate	12:07	9.8	Middle	2	1	29.5	7.7	27.5	5.4	8.3	10.3
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS17	Sunny	Moderate	12:07	9.8	Middle	2	2	29.5	7.7	27.5	5.4	8.2	10
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS17	Sunny	Moderate	12:07	9.8	Bottom	3	1	29.5	7.7	27.5	5.5	11.8	11.9
TMCLKL	HY/2012/08	2019-10-04	Mid-Flood	IS17	Sunny	Moderate	12:07	9.8	Bottom	3	2	29.5	7.7	27.5	5.5	11.8	11.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:17	12.8	Surface	1	1	28.8	7.9	29.5	5.3	11.5	3.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:17	12.8	Surface	1	2	28.8	7.9	29.5	5.3	11.5	3.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:17	12.8	Middle	2	1	28.9	7.9	31	4.6	3.3	3.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:17	12.8	Middle	2	2	29	7.9	31	4.6	3.3	3.5

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:17	12.8	Bottom	3	1	29.1	7.9	31.2	4.3	7.4	1.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:17	12.8	Bottom	3	2	29.1	7.9	31.2	4.3	7.3	1.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:16	7.4	Surface	1	1	28.9	7.9	28.3	5.8	3.8	3.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:16	7.4	Surface	1	2	28.9	7.9	28.3	5.8	3.7	3.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:16	7.4	Middle	2	1	28.8	7.9	28.8	5.6	5.4	4.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:16	7.4	Middle	2	2	28.8	7.9	28.7	5.6	5.1	3.8
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:16	7.4	Bottom	3	1	28.8	7.9	29	5.7	6.2	6.4
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:16	7.4	Bottom	3	2	28.8	7.9	29	5.6	6.3	7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	10:55	5.7	Surface	1	1	28.8	7.9	28.6	5.5	8.3	7.1
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	10:55	5.7	Surface	1	2	28.8	7.9	28.6	5.5	8.1	6.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	10:55	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	10:55	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	10:55	5.7	Bottom	3	1	28.8	7.9	28.6	5.6	10.7	3.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	10:55	5.7	Bottom	3	2	28.8	7.9	28.6	5.6	11	3.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4a	Cloudy	Calm	11:04	4.2	Surface	1	1	29	7.9	28.7	5	6.3	4
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4a	Cloudy	Calm	11:04	4.2	Surface	1	2	29	7.9	28.5	5	6.2	3.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4a	Cloudy	Calm	11:04	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4a	Cloudy	Calm	11:04	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4a	Cloudy	Calm	11:04	4.2	Bottom	3	1	29	7.9	29	4.7	6.6	5.4
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4a	Cloudy	Calm	11:04	4.2	Bottom	3	2	29	7.9	29.1	4.6	6.7	5.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:09	3.5	Surface	1	1	29	7.9	28.5	5.1	8.5	5.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:09	3.5	Surface	1	2	29	7.9	28.5	5	8.4	5.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:09	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:09	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:09	3.5	Bottom	3	1	29	7.9	28.7	5	9.9	3.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:09	3.5	Bottom	3	2	29	7.9	28.7	5	9.2	3.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS8(N)	Cloudy	Calm	11:14	3.9	Surface	1	1	28.9	7.9	28.6	5.1	10.8	4.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS8(N)	Cloudy	Calm	11:14	3.9	Surface	1	2	28.9	7.9	28.5	5.1	10.3	4.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS8(N)	Cloudy	Calm	11:14	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS8(N)	Cloudy	Calm	11:14	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS8(N)	Cloudy	Calm	11:14	3.9	Bottom	3	1	28.9	7.9	28.8	5.1	9.6	3.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS8(N)	Cloudy	Calm	11:14	3.9	Bottom	3	2	28.9	7.9	28.8	5.1	9.6	3.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:22	2.8	Surface	1	1						7.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:22	2.8	Surface	1	2						7.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:22	2.8	Middle	2	1	28.9	7.9	28.5	5.6	9.4	
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:22	2.8	Middle	2	2	28.9	7.9	28.5	5.6	8.9	
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:22	2.8	Bottom	3	1						16.1
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:22	2.8	Bottom	3	2						14.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:41	11.2	Surface	1	1	28.9	7.9	28.7	5.5	6.2	5.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:41	11.2	Surface	1	2	29	7.9	28.6	5.5	5.7	4.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:41	11.2	Middle	2	1	29	7.9	29	5	9.4	6.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:41	11.2	Middle	2	2	29	7.9	28.9	5.1	9.5	7.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:41	11.2	Bottom	3	1	29	7.9	29.1	5	12.2	12.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:41	11.2	Bottom	3	2	29	7.9	29.2	5	12.5	13.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR7	Cloudy	Moderate	09:44	4.3	Surface	1	1	28.9	7.8	29.3	5.3	5.4	5.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR7	Cloudy	Moderate	09:44	4.3	Surface	1	2	28.9	7.8	29.3	5.2	5.2	5.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR7	Cloudy	Moderate	09:44	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR7	Cloudy	Moderate	09:44	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR7	Cloudy	Moderate	09:44	4.3	Bottom	3	1	28.9	7.8	29.5	5.4	5.9	4
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	SR7	Cloudy	Moderate	09:44	4.3	Bottom	3	2	28.9	7.8	29.5	5.4	6.1	3.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS17	Cloudy	Moderate	10:47	9.4	Surface	1	1	29	7.9	29	5.3	6.6	6.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS17	Cloudy	Moderate	10:47	9.4	Surface	1	2	29	7.9	29	5.3	6.7	6.1
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS17	Cloudy	Moderate	10:47	9.4	Middle	2	1	29	7.9	29.3	5	6.8	3.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS17	Cloudy	Moderate	10:47	9.4	Middle	2	2	29	7.9	29.2	5.1	7	3.4
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS17	Cloudy	Moderate	10:47	9.4	Bottom	3	1	29	7.9	29.7	4.8	6.6	3.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Ebb	IS17	Cloudy	Moderate	10:47	9.4	Bottom	3	2	29	7.9	29.6	4.8	6.6	3.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:52	12.9	Surface	1	1	29.1	7.9	29.4	5.4	3.2	2
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:52	12.9	Surface	1	2	29.1	7.9	29.4	5.4	3.1	2.1
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:52	12.9	Middle	2	1	29	7.9	30.6	4.7	7.7	3.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:52	12.9	Middle	2	2	29	7.9	30.6	4.7	7.6	3.1
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:52	12.9	Bottom	3	1	29	7.9	30.5	4.7	7.5	4.8

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:52	12.9	Bottom	3	2	29	7.9	30.6	4.7	8.3	4.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:56	7.5	Surface	1	1	29.3	7.9	28.1	6	9	9.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:56	7.5	Surface	1	2	29.3	7.9	28.1	6	8.9	10.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:56	7.5	Middle	2	1	29.3	7.9	28.1	6	8	3.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:56	7.5	Middle	2	2	29.3	7.9	28.1	6	7.7	3.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:56	7.5	Bottom	3	1	29.3	7.9	28.1	6	10.4	1.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:56	7.5	Bottom	3	2	29.3	7.9	28.1	6	10.3	1.8
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:21	5.8	Surface	1	1	29.3	7.9	29	5.5	7.1	7.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:21	5.8	Surface	1	2	29.3	7.9	29	5.6	6.5	7.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:21	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:21	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:21	5.8	Bottom	3	1	29.3	7.9	29.4	5.5	9.4	5.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:21	5.8	Bottom	3	2	29.3	7.9	29.4	5.4	9.7	5.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4a	Cloudy	Calm	16:12	4.4	Surface	1	1	29.2	7.9	29.1	5.1	8.1	2.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4a	Cloudy	Calm	16:12	4.4	Surface	1	2	29.2	7.9	29.1	5.1	8	2.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4a	Cloudy	Calm	16:12	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4a	Cloudy	Calm	16:12	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4a	Cloudy	Calm	16:12	4.4	Bottom	3	1	29	7.8	29.2	5.3	8.8	3.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4a	Cloudy	Calm	16:12	4.4	Bottom	3	2	29.2	7.8	29.1	5.2	8.6	3.8
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4(N2)	Cloudy	Calm	16:08	4.1	Surface	1	1	29.2	7.9	28.8	5.3	9.1	4.8
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4(N2)	Cloudy	Calm	16:08	4.1	Surface	1	2	29.2	7.9	28.8	5.4	9.4	4.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4(N2)	Cloudy	Calm	16:08	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4(N2)	Cloudy	Calm	16:08	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4(N2)	Cloudy	Calm	16:08	4.1	Bottom	3	1	29.2	7.9	28.8	5.2	11.3	1.8
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR4(N2)	Cloudy	Calm	16:08	4.1	Bottom	3	2	29.2	7.9	28.8	5.2	11.4	1.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS8(N)	Cloudy	Calm	16:02	3.6	Surface	1	1	29.4	7.9	29.1	5.3	9.1	3.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS8(N)	Cloudy	Calm	16:02	3.6	Surface	1	2	29.4	7.9	29.1	5.3	9.2	3.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS8(N)	Cloudy	Calm	16:02	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS8(N)	Cloudy	Calm	16:02	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS8(N)	Cloudy	Calm	16:02	3.6	Bottom	3	1	29.3	7.8	29.3	5.4	10.1	2.8
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS8(N)	Cloudy	Calm	16:02	3.6	Bottom	3	2	29.3	7.8	29.3	5.4	10	2.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:56	2.7	Surface	1	1						6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:56	2.7	Surface	1	2						5.3
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:56	2.7	Middle	2	1	29.3	7.9	28.9	5.4	11.7	
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:56	2.7	Middle	2	2	29.3	7.9	28.9	5.4	11.8	
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:56	2.7	Bottom	3	1						13
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:56	2.7	Bottom	3	2						14.4
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:33	11.3	Surface	1	1	29.2	7.9	28.7	5.7	8.2	3.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:33	11.3	Surface	1	2	29.2	7.9	28.6	5.7	8.5	3.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:33	11.3	Middle	2	1	29.1	7.9	29.5	5.3	10.8	6.9
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:33	11.3	Middle	2	2	29.1	7.9	29.3	5.3	10.5	7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:33	11.3	Bottom	3	1	29	7.9	29.5	5.4	13.1	15.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:33	11.3	Bottom	3	2	29.1	7.9	29.5	5.3	12.9	16.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR7	Cloudy	Moderate	17:29	4.3	Surface	1	1	29.2	7.9	29	5.6	11.2	6.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR7	Cloudy	Moderate	17:29	4.3	Surface	1	2	29.2	7.9	29	5.6	11	6.5
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR7	Cloudy	Moderate	17:29	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR7	Cloudy	Moderate	17:29	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR7	Cloudy	Moderate	17:29	4.3	Bottom	3	1	29.2	7.8	29	5.9	13.3	7.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	SR7	Cloudy	Moderate	17:29	4.3	Bottom	3	2	29.2	7.8	29	5.8	13.2	7.7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS17	Cloudy	Moderate	16:27	10.1	Surface	1	1	29.1	7.9	29	5.3	6.2	7
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS17	Cloudy	Moderate	16:27	10.1	Surface	1	2	29.1	7.9	28.9	5.3	6.3	6.6
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS17	Cloudy	Moderate	16:27	10.1	Middle	2	1	29.1	7.9	29.7	5	10.3	5.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS17	Cloudy	Moderate	16:27	10.1	Middle	2	2	29.1	7.9	29.6	5	10.4	5.4
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS17	Cloudy	Moderate	16:27	10.1	Bottom	3	1	29.1	7.9	29.8	5.2	9.3	5.2
TMCLKL	HY/2012/08	2019-10-09	Mid-Flood	IS17	Cloudy	Moderate	16:27	10.1	Bottom	3	2	29.1	7.9	29.8	5.2	9.5	4.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:56	14.5	Surface	1	1	28.1	7.8	24.9	6.2	3.5	10.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:56	14.5	Surface	1	2	28.1	7.8	24.9	6.2	3.5	10.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:56	14.5	Middle	2	1	27.9	7.8	25.6	5.6	3.9	10.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:56	14.5	Middle	2	2	27.9	7.8	25.5	5.7	3.9	9.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:56	14.5	Bottom	3	1	27.9	7.8	26.5	5.5	4.8	11.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:56	14.5	Bottom	3	2	27.9	7.8	26.5	5.4	4.7	11.8

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	10:58	7.2	Surface	1	1	28.2	8.1	22.3	8	5	11
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	10:58	7.2	Surface	1	2	28.2	8.1	22.3	8	5	11.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	10:58	7.2	Middle	2	1	28	8	24.2	6.5	7.1	11
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	10:58	7.2	Middle	2	2	28	8	24.2	6.5	7.1	11.1
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	10:58	7.2	Bottom	3	1	27.9	8.1	24.6	6.3	8.6	11
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	10:58	7.2	Bottom	3	2	27.9	8.1	24.6	6.3	8.6	10.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:33	5.4	Surface	1	1	28	8.1	25.2	5.8	8.9	14.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:33	5.4	Surface	1	2	28	8.1	25.2	5.8	8.9	14
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:33	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:33	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:33	5.4	Bottom	3	1	28	8.1	25.2	6	10.2	13.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:33	5.4	Bottom	3	2	28	8.1	25.2	6	10.1	13.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4a	Sunny	Moderate	11:43	3.6	Surface	1	1	28.3	8.1	24.5	7.2	3.5	9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4a	Sunny	Moderate	11:43	3.6	Surface	1	2	28.3	8.1	24.5	7.2	3.5	9.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4a	Sunny	Moderate	11:43	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4a	Sunny	Moderate	11:43	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4a	Sunny	Moderate	11:43	3.6	Bottom	3	1	28.1	8.2	24.5	7	3.7	11.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4a	Sunny	Moderate	11:43	3.6	Bottom	3	2	28.1	8.1	24.5	7	3.6	11.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:47	3.8	Surface	1	1	28.1	8.2	24.6	6.6	5	10.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:47	3.8	Surface	1	2	28.1	8.2	24.6	6.6	5	10.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:47	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:47	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:47	3.8	Bottom	3	1	28	8.2	24.7	6.3	6.2	11.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:47	3.8	Bottom	3	2	28	8.2	24.7	6.3	6.3	12.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS8(N)	Sunny	Moderate	11:53	4.2	Surface	1	1	28.1	8.1	24.7	6.4	5	9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS8(N)	Sunny	Moderate	11:53	4.2	Surface	1	2	28.1	8.1	24.7	6.4	5	8.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS8(N)	Sunny	Moderate	11:53	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS8(N)	Sunny	Moderate	11:53	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS8(N)	Sunny	Moderate	11:53	4.2	Bottom	3	1	28	8.1	24.9	6.3	7.9	7.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS8(N)	Sunny	Moderate	11:53	4.2	Bottom	3	2	28	8.1	24.9	6.3	7.9	7.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)9	Sunny	Moderate	12:01	3.9	Surface	1	1	28.3	8	25	6	5.3	8.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)9	Sunny	Moderate	12:01	3.9	Surface	1	2	28.3	8	25	6	5.3	8.1
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)9	Sunny	Moderate	12:01	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)9	Sunny	Moderate	12:01	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)9	Sunny	Moderate	12:01	3.9	Bottom	3	1	28.2	8.1	25.2	6.3	8.8	10
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)9	Sunny	Moderate	12:01	3.9	Bottom	3	2	28.2	8.1	25.2	6.2	8.9	10.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:21	11.3	Surface	1	1	28.3	8.3	22.3	8.3	4.1	8.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:21	11.3	Surface	1	2	28.3	8.3	22.3	8.4	4	8.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:21	11.3	Middle	2	1	28.3	8.2	23.3	7.3	5.2	9.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:21	11.3	Middle	2	2	28.3	8.2	23.4	7.3	5.2	10.1
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:21	11.3	Bottom	3	1	28.2	8.3	23.6	7	6.3	11.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:21	11.3	Bottom	3	2	28.2	8.3	23.6	7	6.3	11.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR7	Sunny	Moderate	10:22	4.2	Surface	1	1	28.3	7.8	22.7	7.4	3.9	7.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR7	Sunny	Moderate	10:22	4.2	Surface	1	2	28.3	7.8	22.7	7.5	3.9	7.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR7	Sunny	Moderate	10:22	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR7	Sunny	Moderate	10:22	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR7	Sunny	Moderate	10:22	4.2	Bottom	3	1	28	7.9	25.2	5.9	7.8	9.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	SR7	Sunny	Moderate	10:22	4.2	Bottom	3	2	28	7.9	25.2	5.9	7.8	9.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS17	Sunny	Moderate	11:27	10.6	Surface	1	1	28.3	8.2	23.3	7.6	5.9	11.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS17	Sunny	Moderate	11:27	10.6	Surface	1	2	28.3	8.2	23.2	7.6	5.9	11.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS17	Sunny	Moderate	11:27	10.6	Middle	2	1	28.2	8.2	23.9	7	6	11.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS17	Sunny	Moderate	11:27	10.6	Middle	2	2	28.2	8.2	23.9	7	6	11.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS17	Sunny	Moderate	11:27	10.6	Bottom	3	1	28	8.2	24.7	6.4	6.6	13.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Ebb	IS17	Sunny	Moderate	11:27	10.6	Bottom	3	2	28	8.2	24.7	6.4	6.6	13.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)5	Fine	Moderate	18:52	14.3	Surface	1	1	28.3	7.9	24.8	6.5	2.6	11.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)5	Fine	Moderate	18:52	14.3	Surface	1	2	28.3	7.9	24.8	6.6	2.5	10.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)5	Fine	Moderate	18:52	14.3	Middle	2	1	28.3	7.9	25.4	5.9	4.4	14.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)5	Fine	Moderate	18:52	14.3	Middle	2	2	28.3	7.9	25.3	5.9	4.3	14.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)5	Fine	Moderate	18:52	14.3	Bottom	3	1	28.1	7.9	25.8	6	5.2	14.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)5	Fine	Moderate	18:52	14.3	Bottom	3	2	28.1	7.9	25.8	6	5.2	14.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	17:54	7.1	Surface	1	1	28.8	8	20.9	10.7	9.8	14.9



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	17:54	7.1	Surface	1	2	28.8	8	20.8	10.8	9.8	15.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	17:54	7.1	Middle	2	1	28.6	8	21.3	9.5	9.3	16.1
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	17:54	7.1	Middle	2	2	28.6	8	21.3	9.5	9.3	16.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	17:54	7.1	Bottom	3	1	28.6	8	21.3	8.8	7.8	14.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	17:54	7.1	Bottom	3	2	28.6	8	21.3	8.8	7.7	14.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)16	Fine	Moderate	17:18	4.8	Surface	1	1	28.6	7.8	23.5	8.9	4.2	16.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)16	Fine	Moderate	17:18	4.8	Surface	1	2	28.6	7.8	23.5	8.9	4.2	16.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)16	Fine	Moderate	17:18	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)16	Fine	Moderate	17:18	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)16	Fine	Moderate	17:18	4.8	Bottom	3	1	28.5	7.8	23.9	8.1	6.8	14.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)16	Fine	Moderate	17:18	4.8	Bottom	3	2	28.5	7.8	23.9	8.1	6.8	15.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4a	Fine	Moderate	17:09	3.3	Surface	1	1	28.7	7.8	24.3	8.4	3.4	19.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4a	Fine	Moderate	17:09	3.3	Surface	1	2	28.7	7.8	24.3	8.4	3.4	19
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4a	Fine	Moderate	17:09	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4a	Fine	Moderate	17:09	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4a	Fine	Moderate	17:09	3.3	Bottom	3	1	28.7	7.7	24.5	7.7	6	22.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4a	Fine	Moderate	17:09	3.3	Bottom	3	2	28.7	7.7	24.5	7.7	5.9	22
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4(N2)	Fine	Moderate	17:05	3.6	Surface	1	1	28.5	7.8	24.2	8.1	7	22.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4(N2)	Fine	Moderate	17:05	3.6	Surface	1	2	28.5	7.8	24.2	8.1	7	23
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4(N2)	Fine	Moderate	17:05	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4(N2)	Fine	Moderate	17:05	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4(N2)	Fine	Moderate	17:05	3.6	Bottom	3	1	28.5	7.8	24.4	7.4	9.3	21.1
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR4(N2)	Fine	Moderate	17:05	3.6	Bottom	3	2	28.5	7.8	24.4	7.4	9.3	21.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS8(N)	Fine	Moderate	17:00	3.7	Surface	1	1	28.6	7.9	23.8	8.8	10.7	17.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS8(N)	Fine	Moderate	17:00	3.7	Surface	1	2	28.6	7.9	23.8	8.8	10.6	18.5
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS8(N)	Fine	Moderate	17:00	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS8(N)	Fine	Moderate	17:00	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS8(N)	Fine	Moderate	17:00	3.7	Bottom	3	1	28.6	7.8	23.8	8.7	3.6	22
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS8(N)	Fine	Moderate	17:00	3.7	Bottom	3	2	28.6	7.8	23.8	8.7	3.6	22.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)9	Fine	Moderate	16:52	4.1	Surface	1	1	28.5	8	24.4	7.7	5.3	22.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)9	Fine	Moderate	16:52	4.1	Surface	1	2	28.5	8	24.4	7.7	5.3	22.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)9	Fine	Moderate	16:52	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)9	Fine	Moderate	16:52	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)9	Fine	Moderate	16:52	4.1	Bottom	3	1	28.4	7.9	24.4	7.7	8.6	21.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)9	Fine	Moderate	16:52	4.1	Bottom	3	2	28.5	7.9	24.4	7.7	8.6	20.4
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)11	Fine	Moderate	17:30	11.4	Surface	1	1	28.7	7.8	23	10.2	3.2	12
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)11	Fine	Moderate	17:30	11.4	Surface	1	2	28.7	7.8	22.9	10.3	3.2	12.8
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)11	Fine	Moderate	17:30	11.4	Middle	2	1	28.5	7.8	23.5	9.3	5	13.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)11	Fine	Moderate	17:30	11.4	Middle	2	2	28.6	7.8	23.5	9.3	4.9	12.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)11	Fine	Moderate	17:30	11.4	Bottom	3	1	28.4	7.8	24.1	7.9	7.7	15.3
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS(Mf)11	Fine	Moderate	17:30	11.4	Bottom	3	2	28.4	7.8	24.1	7.9	7.6	15.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR7	Fine	Moderate	18:28	4.1	Surface	1	1	28.3	8	23.6	8.4	9.6	11.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR7	Fine	Moderate	18:28	4.1	Surface	1	2	28.4	8	23.5	8.5	9.5	12.1
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR7	Fine	Moderate	18:28	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR7	Fine	Moderate	18:28	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR7	Fine	Moderate	18:28	4.1	Bottom	3	1	28.2	8	24.5	6.7	12.9	14.2
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	SR7	Fine	Moderate	18:28	4.1	Bottom	3	2	28.2	8	24.4	6.7	12.9	14
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS17	Fine	Moderate	17:24	11.2	Surface	1	1	28.5	7.8	22.6	9.5	5.7	16.7
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS17	Fine	Moderate	17:24	11.2	Surface	1	2	28.5	7.8	22.6	9.4	5.6	16
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS17	Fine	Moderate	17:24	11.2	Middle	2	1	28.2	7.8	24.1	7	6.2	13.6
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS17	Fine	Moderate	17:24	11.2	Middle	2	2	28.2	7.8	24	7.1	6.2	12.9
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS17	Fine	Moderate	17:24	11.2	Bottom	3	1	28.2	7.8	24.4	6.7	8.2	12
TMCLKL	HY/2012/08	2019-10-11	Mid-Flood	IS17	Fine	Moderate	17:24	11.2	Bottom	3	2	28.2	7.8	24.4	6.7	8.1	11.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	13:14	12	Surface	1	1	29.1	7.8	28.8	6	5.8	13.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	13:14	12	Surface	1	2	29.1	7.8	28.7	6	5.8	13.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	13:14	12	Middle	2	1	29.1	7.8	29.4	5.7	5.8	14.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	13:14	12	Middle	2	2	29.1	7.8	29.4	5.8	5.5	15.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	13:14	12	Bottom	3	1	29	7.8	29.8	5.7	13.5	14.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	13:14	12	Bottom	3	2	29	7.8	29.9	5.7	12.4	15.6
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:33	7.6	Surface	1	1	29.1	7.8	27.4	6.4	7.3	8.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:33	7.6	Surface	1	2	29.1	7.8	27.4	6.4	7.3	8

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:33	7.6	Middle	2	1	28.9	7.8	28.6	6.1	11.4	9.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:33	7.6	Middle	2	2	29	7.8	28.6	6.1	11.3	9.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:33	7.6	Bottom	3	1	28.8	7.8	29.1	6.2	15.4	11.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:33	7.6	Bottom	3	2	28.8	7.8	29.1	6.1	15.1	11.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:50	5.7	Surface	1	1	29.1	7.8	27.8	6.3	9.8	11
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:50	5.7	Surface	1	2	29.1	7.8	27.7	6.4	10	10.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:50	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:50	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:50	5.7	Bottom	3	1	29.1	7.8	28.3	6.2	7.5	11.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:50	5.7	Bottom	3	2	29.1	7.8	28.2	6.2	7.6	11.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4a	Cloudy	Moderate	11:41	4.7	Surface	1	1	29.1	7.8	27.5	6.4	6	14
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4a	Cloudy	Moderate	11:41	4.7	Surface	1	2	29.1	7.8	27.5	6.4	5.6	14.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4a	Cloudy	Moderate	11:41	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4a	Cloudy	Moderate	11:41	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4a	Cloudy	Moderate	11:41	4.7	Bottom	3	1	29.1	7.8	27.5	6.4	8.7	19.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4a	Cloudy	Moderate	11:41	4.7	Bottom	3	2	29.1	7.8	27.5	6.4	8.4	19.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4(N2)	Cloudy	Moderate	11:37	4.5	Surface	1	1	29	7.8	26.7	6.4	5.7	13.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4(N2)	Cloudy	Moderate	11:37	4.5	Surface	1	2	29	7.8	26.8	6.4	5.4	13.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4(N2)	Cloudy	Moderate	11:37	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4(N2)	Cloudy	Moderate	11:37	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4(N2)	Cloudy	Moderate	11:37	4.5	Bottom	3	1	29.1	7.8	27.5	6.4	10.7	15.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR4(N2)	Cloudy	Moderate	11:37	4.5	Bottom	3	2	29.1	7.8	27.5	6.4	10.6	15.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS8(N)	Cloudy	Moderate	11:32	4.3	Surface	1	1	29.1	7.9	27.2	6.7	11.1	19.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS8(N)	Cloudy	Moderate	11:32	4.3	Surface	1	2	29.1	7.9	27.2	6.7	11	19.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS8(N)	Cloudy	Moderate	11:32	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS8(N)	Cloudy	Moderate	11:32	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS8(N)	Cloudy	Moderate	11:32	4.3	Bottom	3	1	29.1	7.9	27.2	6.7	11.2	21.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS8(N)	Cloudy	Moderate	11:32	4.3	Bottom	3	2	29.1	7.9	27.2	6.7	11.2	20.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	11:29	3.3	Surface	1	1	29	7.9	27.2	6.9	5	8.6
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	11:29	3.3	Surface	1	2	29	7.9	27.2	6.9	5	8.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	11:29	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	11:29	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	11:29	3.3	Bottom	3	1	29	7.9	27.2	6.9	5.2	13
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	11:29	3.3	Bottom	3	2	29	7.9	27.2	6.9	5.1	12.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.6	Surface	1	1	29.2	7.8	28	6.3	8.8	14.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.6	Surface	1	2	29.2	7.8	28	6.4	8.8	14.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.6	Middle	2	1	29.1	7.8	29.1	5.8	11.5	14.6
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.6	Middle	2	2	29.1	7.8	29.1	5.8	10.8	15
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.6	Bottom	3	1	29.1	7.8	29.5	5.8	12.1	16.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.6	Bottom	3	2	29.1	7.8	29.6	5.8	12.5	17.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR7	Cloudy	Moderate	12:56	4.5	Surface	1	1	29.2	7.8	28	6.4	9.4	12.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR7	Cloudy	Moderate	12:56	4.5	Surface	1	2	29.2	7.8	28	6.4	8.7	11.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR7	Cloudy	Moderate	12:56	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR7	Cloudy	Moderate	12:56	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR7	Cloudy	Moderate	12:56	4.5	Bottom	3	1	29.2	7.8	28.4	6.4	14.6	16.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	SR7	Cloudy	Moderate	12:56	4.5	Bottom	3	2	29.2	7.8	28.5	6.4	14.5	15.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS17	Cloudy	Moderate	11:56	7.8	Surface	1	1	29.1	7.8	28.3	6.1	13.9	17.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS17	Cloudy	Moderate	11:56	7.8	Surface	1	2	29.2	7.8	28.3	6.1	13.8	17.6
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS17	Cloudy	Moderate	11:56	7.8	Middle	2	1	29.1	7.8	28.7	6	14.4	17.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS17	Cloudy	Moderate	11:56	7.8	Middle	2	2	29.1	7.8	28.6	6	14.9	18.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS17	Cloudy	Moderate	11:56	7.8	Bottom	3	1	29.1	7.8	29	6.2	11.6	20.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Ebb	IS17	Cloudy	Moderate	11:56	7.8	Bottom	3	2	29.1	7.8	29	6.2	11.6	19.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:10	12.8	Surface	1	1	29.1	7.8	27.7	6.4	5.7	15.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:10	12.8	Surface	1	2	29.1	7.8	27.6	6.4	5.7	16
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:10	12.8	Middle	2	1	29.1	7.8	28.4	6.1	6.8	15.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:10	12.8	Middle	2	2	29.1	7.8	28.4	6.2	6.8	15.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:10	12.8	Bottom	3	1	29.1	7.8	29.7	5.8	8.2	16
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:10	12.8	Bottom	3	2	29.1	7.8	29.7	5.8	8.5	15.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	06:53	7.5	Surface	1	1	29	7.8	27.1	6.6	9.2	16.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	06:53	7.5	Surface	1	2	29	7.8	27.1	6.6	9.1	16.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	06:53	7.5	Middle	2	1	29	7.8	27.1	6.6	11.2	17.3

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	06:53	7.5	Middle	2	2	29	7.8	27.1	6.6	10.9	18.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	06:53	7.5	Bottom	3	1	29	7.8	27	6.6	13.8	18.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	06:53	7.5	Bottom	3	2	29	7.8	27.1	6.6	13.6	18.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	07:38	5.4	Surface	1	1	29.1	7.8	27.5	6.5	11.6	14.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	07:38	5.4	Surface	1	2	29.1	7.8	27.5	6.5	11.2	14.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	07:38	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	07:38	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	07:38	5.4	Bottom	3	1	29.1	7.8	27.7	6.5	17.3	17.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	07:38	5.4	Bottom	3	2	29.1	7.8	27.7	6.5	17.1	18.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4a	Cloudy	Moderate	07:47	5.6	Surface	1	1	29.1	7.8	27.5	6.3	6.9	16.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4a	Cloudy	Moderate	07:47	5.6	Surface	1	2	29.1	7.8	27.5	6.3	6.8	17
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4a	Cloudy	Moderate	07:47	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4a	Cloudy	Moderate	07:47	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4a	Cloudy	Moderate	07:47	5.6	Bottom	3	1	29.2	7.8	28.3	5.9	32.1	16.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4a	Cloudy	Moderate	07:47	5.6	Bottom	3	2	29.2	7.8	28.3	5.9	32.1	17.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	07:51	4.2	Surface	1	1	29	7.8	27.3	6.4	6.2	13.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	07:51	4.2	Surface	1	2	29	7.8	27.3	6.4	6.1	14.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	07:51	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	07:51	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	07:51	4.2	Bottom	3	1	29.1	7.8	27.7	6.3	7.8	16.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	07:51	4.2	Bottom	3	2	29.1	7.8	27.7	6.3	7.8	17.4
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS8(N)	Cloudy	Moderate	07:56	3.9	Surface	1	1	29	7.8	27.4	6.5	6.1	15.6
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS8(N)	Cloudy	Moderate	07:56	3.9	Surface	1	2	29	7.8	27.4	6.5	5.8	16.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS8(N)	Cloudy	Moderate	07:56	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS8(N)	Cloudy	Moderate	07:56	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS8(N)	Cloudy	Moderate	07:56	3.9	Bottom	3	1	29.1	7.8	27.5	6.6	6.9	18.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS8(N)	Cloudy	Moderate	07:56	3.9	Bottom	3	2	29.1	7.8	27.5	6.6	6.8	17.9
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	08:02	3.5	Surface	1	1	29	7.8	27.3	6.5	6.4	14.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	08:02	3.5	Surface	1	2	29	7.8	27.3	6.5	6.4	14.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	08:02	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	08:02	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	08:02	3.5	Bottom	3	1	28.9	7.8	27.4	6.6	6.7	19.1
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	08:02	3.5	Bottom	3	2	28.9	7.8	27.4	6.6	6.6	19.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	07:24	12.1	Surface	1	1	29.1	7.9	27.5	6.7	9.5	16
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	07:24	12.1	Surface	1	2	29.1	7.9	27.5	6.7	9.4	17.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	07:24	12.1	Middle	2	1	29.1	7.8	27.5	6.7	12.7	15.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	07:24	12.1	Middle	2	2	29.1	7.8	27.5	6.7	11.9	16.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	07:24	12.1	Bottom	3	1	29.1	7.8	27.6	6.7	16.8	16.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	07:24	12.1	Bottom	3	2	29.1	7.8	27.6	6.7	17.1	16.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR7	Cloudy	Moderate	06:29	4.3	Surface	1	1	29	7.8	27.8	6.4	12.5	15.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR7	Cloudy	Moderate	06:29	4.3	Surface	1	2	29	7.8	27.8	6.4	12.3	15.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR7	Cloudy	Moderate	06:29	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR7	Cloudy	Moderate	06:29	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR7	Cloudy	Moderate	06:29	4.3	Bottom	3	1	29.1	7.8	27.9	6.4	15.1	17.5
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	SR7	Cloudy	Moderate	06:29	4.3	Bottom	3	2	29.1	7.8	27.9	6.4	14.8	18.3
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS17	Cloudy	Moderate	07:32	8.4	Surface	1	1	29.2	7.8	28	6.3	7	16.8
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS17	Cloudy	Moderate	07:32	8.4	Surface	1	2	29.2	7.8	28	6.3	6.9	17.7
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS17	Cloudy	Moderate	07:32	8.4	Middle	2	1	29.2	7.8	28.2	6.2	12.8	18.6
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS17	Cloudy	Moderate	07:32	8.4	Middle	2	2	29.2	7.8	28.2	6.2	12.2	18.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS17	Cloudy	Moderate	07:32	8.4	Bottom	3	1	29.1	7.8	28.3	6.3	17.6	18.2
TMCLKL	HY/2012/08	2019-10-14	Mid-Flood	IS17	Cloudy	Moderate	07:32	8.4	Bottom	3	2	29.1	7.8	28.3	6.3	17.8	18.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:43	12.4	Surface	1	1	28.3	8.1	30.8	5.6	5.5	7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:43	12.4	Surface	1	2	28.8	8	29.7	5.6	5.5	6.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:43	12.4	Middle	2	1	28.2	8.1	31.3	5.4	5.6	6.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:43	12.4	Middle	2	2	28.8	8	30.2	5.4	5.9	7.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:43	12.4	Bottom	3	1	28.1	8.1	31.5	5.4	13	7.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:43	12.4	Bottom	3	2	28.7	8	30.5	5.3	13.2	7.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:51	7.3	Surface	1	1	28	8.1	29.6	6	4.7	5.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:51	7.3	Surface	1	2	28.6	8	28.7	5.9	4.6	6.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:51	7.3	Middle	2	1	27.7	8.1	30	6	5.7	6.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:51	7.3	Middle	2	2	28.3	8	29	5.9	5.7	6.5

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:51	7.3	Bottom	3	1	27.7	8.1	31.4	5.9	10.3	8.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:51	7.3	Bottom	3	2	28.2	8	30.3	5.9	10	7.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)16	Fine	Calm	13:05	5.5	Surface	1	1	28.5	8.1	30.1	6.1	6.6	7.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)16	Fine	Calm	13:05	5.5	Surface	1	2	29	8	29.2	6	6.7	7.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)16	Fine	Calm	13:05	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)16	Fine	Calm	13:05	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)16	Fine	Calm	13:05	5.5	Bottom	3	1	28.2	8.1	30.3	6.1	9.2	8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)16	Fine	Calm	13:05	5.5	Bottom	3	2	28.7	8	29.3	6	9.4	8.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4a	Fine	Calm	12:51	4.6	Surface	1	1	28.3	8.1	30.2	5.7	7.5	7.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4a	Fine	Calm	12:51	4.6	Surface	1	2	28.8	8	29.2	5.7	7.8	8.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4a	Fine	Calm	12:51	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4a	Fine	Calm	12:51	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4a	Fine	Calm	12:51	4.6	Bottom	3	1	28.1	8.1	30.3	5.6	10.8	11.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4a	Fine	Calm	12:51	4.6	Bottom	3	2	28.5	8	29.3	5.6	10.7	11.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:44	3.8	Surface	1	1	28.2	8.1	30.1	5.6	11.5	10
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:44	3.8	Surface	1	2	28.6	8	29.2	5.5	11.3	9.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:44	3.8	Middle	2	1						9.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:44	3.8	Middle	2	2						9.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:44	3.8	Bottom	3	1	28	8.1	30.3	5.6	12.9	
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:44	3.8	Bottom	3	2	28.4	8	29.3	5.5	12.6	
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS8(N)	Fine	Calm	12:38	3.6	Surface	1	1	28	8.1	30.2	5.7	18.3	10.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS8(N)	Fine	Calm	12:38	3.6	Surface	1	2	28.4	8	29.2	5.6	18.4	9.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS8(N)	Fine	Calm	12:38	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS8(N)	Fine	Calm	12:38	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS8(N)	Fine	Calm	12:38	3.6	Bottom	3	1	28	8.1	30.1	5.8	14.8	10.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS8(N)	Fine	Calm	12:38	3.6	Bottom	3	2	28.5	8	29.2	5.8	14.7	11.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)9	Fine	Calm	12:32	3.4	Surface	1	1	28	8.1	29.8	6	6.5	6.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)9	Fine	Calm	12:32	3.4	Surface	1	2	28.5	8	28.9	6	6.5	6.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)9	Fine	Calm	12:32	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)9	Fine	Calm	12:32	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)9	Fine	Calm	12:32	3.4	Bottom	3	1	28	8.1	29.9	6.1	8	7.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)9	Fine	Calm	12:32	3.4	Bottom	3	2	28.5	8	28.9	6	8.1	8.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	14:15	11.3	Surface	1	1	28.8	8	29.4	6	8.2	9.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	14:15	11.3	Surface	1	2	28.7	8	29.4	6	8.3	8.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	14:15	11.3	Middle	2	1	28.5	8	29.5	5.6	9.4	7.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	14:15	11.3	Middle	2	2	28.5	8	29.5	5.6	9.6	8.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	14:15	11.3	Bottom	3	1	28.5	8	29.5	5.5	11.4	7.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	14:15	11.3	Bottom	3	2	28.5	8	29.5	5.5	11.2	7.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR7	Fine	Moderate	14:23	4.2	Surface	1	1	28.5	8.1	30.6	5.7	9.6	4.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR7	Fine	Moderate	14:23	4.2	Surface	1	2	28.8	8	29.6	5.7	9.7	5.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR7	Fine	Moderate	14:23	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR7	Fine	Moderate	14:23	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR7	Fine	Moderate	14:23	4.2	Bottom	3	1	28.4	8.1	30.7	5.7	11.6	10.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	SR7	Fine	Moderate	14:23	4.2	Bottom	3	2	28.7	8	29.7	5.7	11.5	11.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS17	Fine	Moderate	13:12	7.3	Surface	1	1	27.9	8.1	30.3	5.7	11.6	10.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS17	Fine	Moderate	13:12	7.3	Surface	1	2	28.5	8	29.4	5.6	11.6	10.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS17	Fine	Moderate	13:12	7.3	Middle	2	1	27.9	8.1	30.4	5.6	12.1	11.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS17	Fine	Moderate	13:12	7.3	Middle	2	2	28.5	8	29.4	5.6	12.2	11.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS17	Fine	Moderate	13:12	7.3	Bottom	3	1	27.9	8.1	30.5	5.6	12.3	11.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Ebb	IS17	Fine	Moderate	13:12	7.3	Bottom	3	2	28.5	8	29.5	5.6	12.4	12
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:58	12.9	Surface	1	1	28.5	8	29.7	5.5	7.2	9.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:58	12.9	Surface	1	2	28.5	8	29.7	5.5	7.2	9.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:58	12.9	Middle	2	1	28.6	7.9	29.9	5.4	7.7	9.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:58	12.9	Middle	2	2	28.6	7.9	30	5.3	7.6	9.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:58	12.9	Bottom	3	1	28.6	7.9	30.1	5.3	10	9.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:58	12.9	Bottom	3	2	28.6	7.9	30.1	5.4	10.1	9.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:50	7.4	Surface	1	1	27.9	7.9	29.6	5.6	10.2	12.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:50	7.4	Surface	1	2	28.5	8	29.5	5.6	10.2	12.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:50	7.4	Middle	2	1	27.9	8	29.6	5.6	11.4	13
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:50	7.4	Middle	2	2	28.4	8	29.5	5.6	11.3	13.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:50	7.4	Bottom	3	1	27.9	7.9	29.6	5.6	15.3	14.7



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:50	7.4	Bottom	3	2	28.4	8	29.5	5.6	15.3	14.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:34	5.6	Surface	1	1	27.8	7.9	29.5	5.8	8.3	9.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:34	5.6	Surface	1	2	28.3	8	29.4	5.7	8.4	9.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:34	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:34	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:34	5.6	Bottom	3	1	27.7	8	29.5	5.8	10.6	11.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:34	5.6	Bottom	3	2	28.3	7.9	29.4	5.8	10.8	11.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4a	Cloudy	Calm	09:45	4.4	Surface	1	1	27.9	7.9	29.2	5.3	10	9.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4a	Cloudy	Calm	09:45	4.4	Surface	1	2	28.5	7.9	29.1	5.3	10.2	9.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4a	Cloudy	Calm	09:45	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4a	Cloudy	Calm	09:45	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4a	Cloudy	Calm	09:45	4.4	Bottom	3	1	28	7.9	29.4	5.5	11.5	11.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4a	Cloudy	Calm	09:45	4.4	Bottom	3	2	28.5	7.9	29.1	5.5	11.6	12
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4(N2)	Sunny	Calm	09:52	4.1	Surface	1	1	27.7	8	29.4	5.8	9.2	16.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4(N2)	Sunny	Calm	09:52	4.1	Surface	1	2	28.3	7.9	29.3	5.8	9.1	16
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4(N2)	Sunny	Calm	09:52	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4(N2)	Sunny	Calm	09:52	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4(N2)	Sunny	Calm	09:52	4.1	Bottom	3	1	27.7	8	29.5	5.9	12.1	15.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR4(N2)	Sunny	Calm	09:52	4.1	Bottom	3	2	28.3	7.9	29.4	5.9	12.2	15.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS8(N)	Sunny	Calm	09:56	4.3	Surface	1	1	27.7	8	29.3	5.7	10.2	12.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS8(N)	Sunny	Calm	09:56	4.3	Surface	1	2	28.3	8	29.2	5.7	10.9	13
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS8(N)	Sunny	Calm	09:56	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS8(N)	Sunny	Calm	09:56	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS8(N)	Sunny	Calm	09:56	4.3	Bottom	3	1	27.7	8	29.4	5.8	9.8	12.2
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS8(N)	Sunny	Calm	09:56	4.3	Bottom	3	2	28.3	8	29.3	5.7	9.6	12.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)9	Sunny	Calm	10:05	3.3	Surface	1	1	27.7	7.9	29.1	5.7	8.5	10.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)9	Sunny	Calm	10:05	3.3	Surface	1	2	28.3	8	29	5.7	8.2	10.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)9	Sunny	Calm	10:05	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)9	Sunny	Calm	10:05	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)9	Sunny	Calm	10:05	3.3	Bottom	3	1	27.8	8	29.3	5.6	11.7	12.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)9	Sunny	Calm	10:05	3.3	Bottom	3	2	28.3	8	29.2	5.6	11.9	13.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)11	Fine	Moderate	08:30	11.3	Surface	1	1	27.9	7.9	29.6	5.6	12.3	13.8
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)11	Fine	Moderate	08:30	11.3	Surface	1	2	28.5	8	29.6	5.6	12.4	14.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)11	Fine	Moderate	08:30	11.3	Middle	2	1	27.9	8	29.6	5.6	14.1	13.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)11	Fine	Moderate	08:30	11.3	Middle	2	2	28.4	8	29.5	5.6	14.2	13.7
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)11	Fine	Moderate	08:30	11.3	Bottom	3	1	27.9	7.9	29.6	5.7	16.8	13.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS(Mf)11	Fine	Moderate	08:30	11.3	Bottom	3	2	28.4	8	29.5	5.6	17	14.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR7	Fine	Moderate	08:22	4.4	Surface	1	1	28.4	8	29.4	5.7	9.5	9.3
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR7	Fine	Moderate	08:22	4.4	Surface	1	2	28.4	8	29.4	5.7	9.5	8.1
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR7	Fine	Moderate	08:22	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR7	Fine	Moderate	08:22	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR7	Fine	Moderate	08:22	4.4	Bottom	3	1	28.4	8	29.4	5.8	12.5	15.6
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	SR7	Fine	Moderate	08:22	4.4	Bottom	3	2	28.4	8	29.4	5.8	12.5	15
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS17	Cloudy	Moderate	09:25	7.2	Surface	1	1	27.9	8	29.6	5.7	11	13.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS17	Cloudy	Moderate	09:25	7.2	Surface	1	2	28.4	8	29.5	5.6	11.1	19.4
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS17	Cloudy	Moderate	09:25	7.2	Middle	2	1	27.9	8	29.6	5.9	14.3	26.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS17	Cloudy	Moderate	09:25	7.2	Middle	2	2	28.4	8	29.5	5.9	14.4	26.9
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS17	Cloudy	Moderate	09:25	7.2	Bottom	3	1	27.9	8	29.6	5.9	16.7	38.5
TMCLKL	HY/2012/08	2019-10-16	Mid-Flood	IS17	Cloudy	Moderate	09:25	7.2	Bottom	3	2	28.4	8	29.5	5.9	16.6	11.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)5	Sunny	Moderate	16:02	14.6	Surface	1	1	29	8	29.9	5.9	2.1	8.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)5	Sunny	Moderate	16:02	14.6	Surface	1	2	29	8	30.9	5.9	2.1	7.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)5	Sunny	Moderate	16:02	14.6	Middle	2	1	28.5	8	30.5	5.3	2.8	8
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)5	Sunny	Moderate	16:02	14.6	Middle	2	2	28.5	8	31.5	5.4	2.9	7.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)5	Sunny	Moderate	16:02	14.6	Bottom	3	1	28.5	8	30.6	5.3	4.1	8.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)5	Sunny	Moderate	16:02	14.6	Bottom	3	2	28.5	8	31.6	5.4	4.1	8.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	15:24	7.5	Surface	1	1	27.3	8.1	29.2	6	5.4	14.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	15:24	7.5	Surface	1	2	27.3	8.1	29.2	6	5.4	13.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	15:24	7.5	Middle	2	1	27.1	8.2	30.1	6	7.3	14.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	15:24	7.5	Middle	2	2	27.1	8.2	30.1	6	7.3	14.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	15:24	7.5	Bottom	3	1	27.1	8.2	30.3	5.9	8.2	13.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	15:24	7.5	Bottom	3	2	27.1	8.2	30.3	5.9	8.2	14.1

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)16	Sunny	Moderate	14:19	5.6	Surface	1	1	28.4	8	29.4	5.8	6.5	14.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)16	Sunny	Moderate	14:19	5.6	Surface	1	2	28.4	8	30.4	5.9	6.5	14.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)16	Sunny	Moderate	14:19	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)16	Sunny	Moderate	14:19	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)16	Sunny	Moderate	14:19	5.6	Bottom	3	1	28.4	8	29.4	5.8	10.2	16.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)16	Sunny	Moderate	14:19	5.6	Bottom	3	2	28.4	8	30.4	5.9	10.1	17.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4a	Sunny	Moderate	14:09	4.5	Surface	1	1	28.7	8	29.4	6	4.3	12.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4a	Sunny	Moderate	14:09	4.5	Surface	1	2	28.7	8	30.4	6.1	4.2	11.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4a	Sunny	Moderate	14:09	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4a	Sunny	Moderate	14:09	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4a	Sunny	Moderate	14:09	4.5	Bottom	3	1	28.6	8	29.4	6	8.5	11.2
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4a	Sunny	Moderate	14:09	4.5	Bottom	3	2	28.6	8	30.4	6.1	8.4	12.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4(N2)	Sunny	Moderate	14:06	4.3	Surface	1	1	28.5	8	29.4	5.9	7.9	11.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4(N2)	Sunny	Moderate	14:06	4.3	Surface	1	2	28.5	8	30.4	6	7.8	12.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4(N2)	Sunny	Moderate	14:06	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4(N2)	Sunny	Moderate	14:06	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4(N2)	Sunny	Moderate	14:06	4.3	Bottom	3	1	28.5	8	29.4	5.9	9.1	12.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR4(N2)	Sunny	Moderate	14:06	4.3	Bottom	3	2	28.5	8	30.4	5.9	9.1	12.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS8(N)	Sunny	Moderate	14:01	3.6	Surface	1	1	28.5	8	29.4	6	10.4	15.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS8(N)	Sunny	Moderate	14:01	3.6	Surface	1	2	28.5	8	30.4	6	10.4	15.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS8(N)	Sunny	Moderate	14:01	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS8(N)	Sunny	Moderate	14:01	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS8(N)	Sunny	Moderate	14:01	3.6	Bottom	3	1	28.5	8	29.4	6	11.2	17.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS8(N)	Sunny	Moderate	14:01	3.6	Bottom	3	2	28.5	8	30.4	6.1	11.1	18.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)9	Sunny	Moderate	13:47	3.4	Surface	1	1	28.4	8	29.5	5.8	4.4	15.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)9	Sunny	Moderate	13:47	3.4	Surface	1	2	28.4	8	30.5	5.9	4.3	16
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)9	Sunny	Moderate	13:47	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)9	Sunny	Moderate	13:47	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)9	Sunny	Moderate	13:47	3.4	Bottom	3	1	28.2	8	29.5	5.8	8.5	16.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)9	Sunny	Moderate	13:47	3.4	Bottom	3	2	28.2	8	30.5	5.9	8.5	16.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)11	Sunny	Moderate	14:51	10.9	Surface	1	1	28.5	8	29.3	5.9	7.4	10.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)11	Sunny	Moderate	14:51	10.9	Surface	1	2	28.5	8	29.3	5.9	7.4	10.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)11	Sunny	Moderate	14:51	10.9	Middle	2	1	28.2	8	29.3	5.7	9.5	12.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)11	Sunny	Moderate	14:51	10.9	Middle	2	2	28.2	8	29.3	5.7	9.5	13.2
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)11	Sunny	Moderate	14:51	10.9	Bottom	3	1	28.2	8	29.4	5.6	10.1	14.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS(Mf)11	Sunny	Moderate	14:51	10.9	Bottom	3	2	28.2	8	29.4	5.6	10.1	15.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR7	Sunny	Moderate	14:43	4.2	Surface	1	1	28.4	8	29.5	5.7	6.9	15.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR7	Sunny	Moderate	14:43	4.2	Surface	1	2	28.4	8	29.5	5.7	6.9	15.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR7	Sunny	Moderate	14:43	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR7	Sunny	Moderate	14:43	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR7	Sunny	Moderate	14:43	4.2	Bottom	3	1	28.4	8	29.5	5.8	9.1	16.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	SR7	Sunny	Moderate	14:43	4.2	Bottom	3	2	28.4	8	29.5	5.8	9.1	16.7
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS17	Sunny	Moderate	14:24	7.9	Surface	1	1	28.4	8	29.5	5.7	5.2	15.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS17	Sunny	Moderate	14:24	7.9	Surface	1	2	28.4	8	30.5	5.7	5.2	15.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS17	Sunny	Moderate	14:24	7.9	Middle	2	1	28.4	8	29.8	5.6	7.6	17.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS17	Sunny	Moderate	14:24	7.9	Middle	2	2	28.4	8	30.8	5.7	7.6	16.7
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS17	Sunny	Moderate	14:24	7.9	Bottom	3	1	28.4	8	29.9	5.6	11.1	19.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Ebb	IS17	Sunny	Moderate	14:24	7.9	Bottom	3	2	28.4	8	30.9	5.8	11.1	19.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:46	14.8	Surface	1	1	28.3	8	29.5	5.6	2.8	9.2
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:46	14.8	Surface	1	2	28.3	8	29.5	5.6	2.8	9.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:46	14.8	Middle	2	1	28.4	8	29.6	5.5	3.1	9.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:46	14.8	Middle	2	2	28.4	8	29.6	5.5	3.1	9.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:46	14.8	Bottom	3	1	28.4	7.9	29.6	5.5	4.2	9.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:46	14.8	Bottom	3	2	28.4	7.9	29.6	5.5	4.2	9.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:29	7.3	Surface	1	1	28.1	8	28.8	5.8	6.4	12.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:29	7.3	Surface	1	2	28.1	8	28.8	5.8	6.4	12.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:29	7.3	Middle	2	1	28.1	8	28.8	5.8	8.6	14.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:29	7.3	Middle	2	2	28.1	8	28.8	5.8	8.6	15
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:29	7.3	Bottom	3	1	28.1	8	28.8	5.9	11.7	15.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:29	7.3	Bottom	3	2	28.1	8	28.8	5.9	11.7	15.2
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:14	5.2	Surface	1	1	28.2	8	29.3	5.8	4.3	17.2

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:14	5.2	Surface	1	2	28.2	8	29.3	5.8	4.3	16.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:14	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:14	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:14	5.2	Bottom	3	1	28.2	8	29.3	6	5.6	17.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:14	5.2	Bottom	3	2	28.2	8	29.3	6	5.6	18.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4a	Sunny	Moderate	10:23	5.6	Surface	1	1	28.2	8	29.2	5.7	3.8	11.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4a	Sunny	Moderate	10:23	5.6	Surface	1	2	28.2	8	29.2	5.7	3.8	12.2
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4a	Sunny	Moderate	10:23	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4a	Sunny	Moderate	10:23	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4a	Sunny	Moderate	10:23	5.6	Bottom	3	1	28.2	8	29.3	5.7	4.2	11.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4a	Sunny	Moderate	10:23	5.6	Bottom	3	2	28.2	8	29.3	5.7	4.2	12
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4(N2)	Sunny	Moderate	10:27	4.5	Surface	1	1	28.3	8	29.3	5.5	8.6	13.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4(N2)	Sunny	Moderate	10:27	4.5	Surface	1	2	28.3	8	29.3	5.5	8.6	13
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4(N2)	Sunny	Moderate	10:27	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4(N2)	Sunny	Moderate	10:27	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4(N2)	Sunny	Moderate	10:27	4.5	Bottom	3	1	28.2	8	29.4	5.6	10.7	15.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR4(N2)	Sunny	Moderate	10:27	4.5	Bottom	3	2	28.2	8	29.4	5.6	10.7	14.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS8(N)	Sunny	Moderate	10:32	3.7	Surface	1	1	28.2	8	29.4	5.7	2.7	18.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS8(N)	Sunny	Moderate	10:32	3.7	Surface	1	2	28.2	8	29.4	5.7	2.7	19
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS8(N)	Sunny	Moderate	10:32	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS8(N)	Sunny	Moderate	10:32	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS8(N)	Sunny	Moderate	10:32	3.7	Bottom	3	1	28.2	8	29.4	5.8	4.3	23.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS8(N)	Sunny	Moderate	10:32	3.7	Bottom	3	2	28.2	8	29.4	5.8	4.3	22.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:39	3.2	Surface	1	1	28.4	8	29.6	5.7	11.2	14.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:39	3.2	Surface	1	2	28.4	8	29.6	5.7	11.2	15.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:39	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:39	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:39	3.2	Bottom	3	1	28.4	8	29.6	5.8	12.6	15
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:39	3.2	Bottom	3	2	28.4	8	29.6	5.8	12.6	14.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)11	Sunny	Moderate	09:59	10.8	Surface	1	1	28.1	8	29.3	5.7	3.2	14.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)11	Sunny	Moderate	09:59	10.8	Surface	1	2	28.1	8	29.3	5.7	3.2	14.9
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)11	Sunny	Moderate	09:59	10.8	Middle	2	1	28.1	8	29.3	5.7	5.1	14.7
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)11	Sunny	Moderate	09:59	10.8	Middle	2	2	28.1	8	29.3	5.7	5.1	14.4
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)11	Sunny	Moderate	09:59	10.8	Bottom	3	1	28.1	8	29.3	5.7	8.6	14.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS(Mf)11	Sunny	Moderate	09:59	10.8	Bottom	3	2	28.1	8	29.3	5.7	8.6	15.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR7	Sunny	Moderate	09:05	3.7	Surface	1	1	28.2	8	29.4	5.7	3.3	12.3
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR7	Sunny	Moderate	09:05	3.7	Surface	1	2	28.2	8	29.4	5.7	3.3	12.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR7	Sunny	Moderate	09:05	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR7	Sunny	Moderate	09:05	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR7	Sunny	Moderate	09:05	3.7	Bottom	3	1	28.2	8	29.4	5.7	5.7	13.7
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	SR7	Sunny	Moderate	09:05	3.7	Bottom	3	2	28.2	8	29.4	5.7	5.7	13.5
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS17	Sunny	Moderate	10:07	8.6	Surface	1	1	28.2	8	29.3	5.8	3.6	13.1
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS17	Sunny	Moderate	10:07	8.6	Surface	1	2	28.2	8	29.3	5.8	3.6	12.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS17	Sunny	Moderate	10:07	8.6	Middle	2	1	28.2	8	29.3	5.7	4.5	13.8
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS17	Sunny	Moderate	10:07	8.6	Middle	2	2	28.2	8	29.3	5.7	4.5	14.2
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS17	Sunny	Moderate	10:07	8.6	Bottom	3	1	28.2	8	29.4	5.8	5.6	13.6
TMCLKL	HY/2012/08	2019-10-18	Mid-Flood	IS17	Sunny	Moderate	10:07	8.6	Bottom	3	2	28.2	8	29.4	5.8	5.6	14.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	04:27	12.8	Surface	1	1	26.7	8.1	30.7	5.7	3.4	6.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	04:27	12.8	Surface	1	2	26.7	8.1	30.7	5.7	3.4	5.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	04:27	12.8	Middle	2	1	27.2	8.1	31.8	5.2	4	6.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	04:27	12.8	Middle	2	2	27.3	8.1	31.6	5.2	4	6.5
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	04:27	12.8	Bottom	3	1	27.2	8.1	32.1	5.3	3.8	6.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	04:27	12.8	Bottom	3	2	27.3	8.1	32.3	5.3	3.8	5.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	05:26	7.4	Surface	1	1	26.7	8.2	29.8	6.1	3.9	4.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	05:26	7.4	Surface	1	2	26.8	8.2	29.8	6.1	3.8	5.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	05:26	7.4	Middle	2	1	26.8	8.2	30.3	6	5.2	5.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	05:26	7.4	Middle	2	2	26.9	8.2	30.2	6	4.7	5.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	05:26	7.4	Bottom	3	1	26.7	8.2	30.5	6.1	6	6.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	05:26	7.4	Bottom	3	2	26.8	8.2	30.5	6.1	5.9	7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	06:02	5.5	Surface	1	1	26.5	8.1	30.5	5.8	5.5	7.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	06:02	5.5	Surface	1	2	26.6	8.1	30.5	5.8	5.3	6.3

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	06:02	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	06:02	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	06:02	5.5	Bottom	3	1	26.7	8.1	30.8	5.7	7.5	6.6
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	06:02	5.5	Bottom	3	2	26.8	8.1	30.8	5.7	7.7	6.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4a	Cloudy	Calm	06:11	4.8	Surface	1	1	26.5	8.1	30.4	5.5	4.9	7.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4a	Cloudy	Calm	06:11	4.8	Surface	1	2	26.6	8.1	30.3	5.6	5	8.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4a	Cloudy	Calm	06:11	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4a	Cloudy	Calm	06:11	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4a	Cloudy	Calm	06:11	4.8	Bottom	3	1	26.9	8.1	30.7	5.5	6.2	6.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4a	Cloudy	Calm	06:11	4.8	Bottom	3	2	26.9	8.1	30.7	5.5	5.7	7.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4(N2)	Cloudy	Calm	06:16	3.8	Surface	1	1	26.7	8.1	30.5	5.5	6.7	7.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4(N2)	Cloudy	Calm	06:16	3.8	Surface	1	2	26.8	8.1	30.4	5.5	6.6	7.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4(N2)	Cloudy	Calm	06:16	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4(N2)	Cloudy	Calm	06:16	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4(N2)	Cloudy	Calm	06:16	3.8	Bottom	3	1	26.8	8.1	30.6	5.6	6.8	7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR4(N2)	Cloudy	Calm	06:16	3.8	Bottom	3	2	26.9	8.1	30.5	5.6	6.8	7.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS8(N)	Cloudy	Calm	06:21	3.7	Surface	1	1	26.5	8.1	30.5	5.8	5.8	7.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS8(N)	Cloudy	Calm	06:21	3.7	Surface	1	2	26.6	8.1	30.5	5.8	5.7	7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS8(N)	Cloudy	Calm	06:21	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS8(N)	Cloudy	Calm	06:21	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS8(N)	Cloudy	Calm	06:21	3.7	Bottom	3	1	26.5	8.1	30.5	6	6.7	8.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS8(N)	Cloudy	Calm	06:21	3.7	Bottom	3	2	26.6	8.1	30.5	6	6.3	8.6
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)9	Cloudy	Calm	06:29	3.4	Surface	1	1	26.5	8.1	30.4	5.9	4.4	5
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)9	Cloudy	Calm	06:29	3.4	Surface	1	2	26.6	8.1	30.4	5.9	4.4	4.6
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)9	Cloudy	Calm	06:29	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)9	Cloudy	Calm	06:29	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)9	Cloudy	Calm	06:29	3.4	Bottom	3	1	26.5	8.1	30.4	6.1	4.7	6.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)9	Cloudy	Calm	06:29	3.4	Bottom	3	2	26.7	8.1	30.4	6	4.7	6.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	05:50	11.1	Surface	1	1	26.7	8.2	29.9	5.9	4.4	4.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	05:50	11.1	Surface	1	2	26.8	8.2	29.9	6	4.3	5
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	05:50	11.1	Middle	2	1	26.8	8.1	30.1	5.8	5.8	5.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	05:50	11.1	Middle	2	2	26.8	8.1	30	5.8	5.2	6.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	05:50	11.1	Bottom	3	1	26.9	8.1	30.3	5.9	7.1	6.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	05:50	11.1	Bottom	3	2	27.1	8.1	30.3	5.9	7.2	5.5
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR7	Cloudy	Moderate	04:51	4.4	Surface	1	1	26.7	8.1	29.9	5.9	3.4	4.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR7	Cloudy	Moderate	04:51	4.4	Surface	1	2	26.8	8.1	29.9	5.9	3.4	4.6
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR7	Cloudy	Moderate	04:51	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR7	Cloudy	Moderate	04:51	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR7	Cloudy	Moderate	04:51	4.4	Bottom	3	1	26.9	8.1	30.3	5.9	4.8	3.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	SR7	Cloudy	Moderate	04:51	4.4	Bottom	3	2	27	8.1	30.4	5.9	4.8	3.5
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS17	Cloudy	Moderate	05:56	9.2	Surface	1	1	26.7	8.1	30.4	5.7	4.6	5.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS17	Cloudy	Moderate	05:56	9.2	Surface	1	2	26.8	8.1	30.4	5.7	4.6	6.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS17	Cloudy	Moderate	05:56	9.2	Middle	2	1	26.7	8.1	30.5	5.8	4.6	5.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS17	Cloudy	Moderate	05:56	9.2	Middle	2	2	26.8	8.1	30.5	5.8	4.6	5.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS17	Cloudy	Moderate	05:56	9.2	Bottom	3	1	26.7	8.1	30.5	6.1	4.7	5.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Ebb	IS17	Cloudy	Moderate	05:56	9.2	Bottom	3	2	26.8	8.1	30.5	6	4.6	5.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:05	12.8	Surface	1	1	27	8.1	31.5	5.4	4.2	6.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:05	12.8	Surface	1	2	27.1	8.1	31.4	5.4	4.4	6
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:05	12.8	Middle	2	1	27.1	8.1	31.9	5.5	4.6	5.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:05	12.8	Middle	2	2	27.2	8.1	31.9	5.4	4.2	6.6
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:05	12.8	Bottom	3	1	27.1	8.1	32	5.6	5.3	7.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:05	12.8	Bottom	3	2	27.2	8.1	32	5.6	5.3	7.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:17	7.5	Surface	1	1	27.4	8.1	26.5	6.7	2.5	5.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:17	7.5	Surface	1	2	27.5	8.1	26.5	6.7	2.5	5.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:17	7.5	Middle	2	1	27.1	8.1	28.9	6.2	5.1	5.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:17	7.5	Middle	2	2	27.3	8.1	28.5	6.2	4.4	4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:17	7.5	Bottom	3	1	27	8.1	29.8	6.3	6.8	4.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:17	7.5	Bottom	3	2	27.1	8.1	29.8	6.3	6.9	4.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:38	5.7	Surface	1	1	27	8.2	30.2	6.2	6	4.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:38	5.7	Surface	1	2	27.1	8.2	30.2	6.2	5.6	4.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:38	5.7	Middle	2	1						



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:38	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:38	5.7	Bottom	3	1	27	8.2	30.2	6.3	6.9	6.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:38	5.7	Bottom	3	2	27.1	8.2	30.2	6.3	6.9	6.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4a	Cloudy	Calm	16:29	4.6	Surface	1	1	27.2	8.2	30.3	6.1	5.1	5.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4a	Cloudy	Calm	16:29	4.6	Surface	1	2	27.3	8.2	30.2	6.1	4.8	6.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4a	Cloudy	Calm	16:29	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4a	Cloudy	Calm	16:29	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4a	Cloudy	Calm	16:29	4.6	Bottom	3	1	27.1	8.1	30.3	6.3	6.5	5.8
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4a	Cloudy	Calm	16:29	4.6	Bottom	3	2	27.2	8.1	30.3	6.3	6.4	6
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4(N2)	Cloudy	Calm	16:25	4.1	Surface	1	1	27.2	8.2	30.2	6.1	5.1	5.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4(N2)	Cloudy	Calm	16:25	4.1	Surface	1	2	27.3	8.2	30.2	6.1	4.9	6.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4(N2)	Cloudy	Calm	16:25	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4(N2)	Cloudy	Calm	16:25	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4(N2)	Cloudy	Calm	16:25	4.1	Bottom	3	1	27.2	8.2	30.2	6.1	6.3	6
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR4(N2)	Cloudy	Calm	16:25	4.1	Bottom	3	2	27.3	8.2	30.2	6.1	5.7	6.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS8(N)	Cloudy	Calm	16:19	3.8	Surface	1	1	27.1	8.2	30.2	6.2	6.2	5.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS8(N)	Cloudy	Calm	16:19	3.8	Surface	1	2	27.2	8.2	30.2	6.2	5.1	5.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS8(N)	Cloudy	Calm	16:19	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS8(N)	Cloudy	Calm	16:19	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS8(N)	Cloudy	Calm	16:19	3.8	Bottom	3	1	27	8.2	30.3	6.3	10.5	7.9
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS8(N)	Cloudy	Calm	16:19	3.8	Bottom	3	2	27.1	8.2	30.3	6.2	10	7.5
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)9	Cloudy	Calm	16:13	3.6	Surface	1	1	26.9	8.2	30.3	6.1	7.5	10.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)9	Cloudy	Calm	16:13	3.6	Surface	1	2	27	8.2	30.3	6	7.4	9.6
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)9	Cloudy	Calm	16:13	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)9	Cloudy	Calm	16:13	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)9	Cloudy	Calm	16:13	3.6	Bottom	3	1	26.9	8.2	30.3	6.3	7.6	9.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)9	Cloudy	Calm	16:13	3.6	Bottom	3	2	27	8.2	30.3	6.2	7.6	10.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:50	11.3	Surface	1	1	26.9	8.1	30.4	5.8	6.7	8
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:50	11.3	Surface	1	2	27	8.1	30.4	5.8	6.6	8.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:50	11.3	Middle	2	1	26.9	8.1	30.4	5.7	7	9.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:50	11.3	Middle	2	2	27	8.1	30.4	5.7	6.8	9.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:50	11.3	Bottom	3	1	26.9	8.1	30.8	5.6	10.6	10.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:50	11.3	Bottom	3	2	27	8.1	30.8	5.6	10.6	9.7
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR7	Cloudy	Moderate	17:45	4.7	Surface	1	1	27.2	8.1	30.6	5.9	4.5	6.2
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR7	Cloudy	Moderate	17:45	4.7	Surface	1	2	27.3	8.1	30.6	5.9	4.3	6.4
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR7	Cloudy	Moderate	17:45	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR7	Cloudy	Moderate	17:45	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR7	Cloudy	Moderate	17:45	4.7	Bottom	3	1	27	8.1	30.6	6.2	6.9	5.5
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	SR7	Cloudy	Moderate	17:45	4.7	Bottom	3	2	27.2	8.1	30.6	6.2	6.3	6
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS17	Cloudy	Moderate	16:44	9.4	Surface	1	1	27	8.2	30.2	5.9	5.3	7.5
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS17	Cloudy	Moderate	16:44	9.4	Surface	1	2	27.1	8.2	30.2	5.9	5.3	7
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS17	Cloudy	Moderate	16:44	9.4	Middle	2	1	27	8.1	30.4	5.8	5.1	7.1
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS17	Cloudy	Moderate	16:44	9.4	Middle	2	2	27.1	8.1	30.4	5.8	5.3	7.3
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS17	Cloudy	Moderate	16:44	9.4	Bottom	3	1	27	8.1	30.7	5.7	4.5	9
TMCLKL	HY/2012/08	2019-10-21	Mid-Flood	IS17	Cloudy	Moderate	16:44	9.4	Bottom	3	2	27.2	8.1	30.7	5.7	4.4	9.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	07:01	15.4	Surface	1	1	26.4	8.2	30.7	5.6	2.9	4.3
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	07:01	15.4	Surface	1	2	26.4	8.2	30.7	5.6	2.9	3.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	07:01	15.4	Middle	2	1	26.6	8.2	31.1	5.3	3	4.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	07:01	15.4	Middle	2	2	26.6	8.2	31	5.4	3	4.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	07:01	15.4	Bottom	3	1	26.7	8.2	31.5	5.3	3.1	5.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)5	Fine	Moderate	07:01	15.4	Bottom	3	2	26.7	8.2	31.5	5.3	3.1	4.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	07:55	7.1	Surface	1	1	26.2	8.2	29	6.2	3.5	4.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	07:55	7.1	Surface	1	2	26.2	8.2	28.9	6.2	3.5	4.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	07:55	7.1	Middle	2	1	26.4	8.2	29.3	6.1	3.8	4.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	07:55	7.1	Middle	2	2	26.4	8.2	29.3	6.1	3.8	4.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	07:55	7.1	Bottom	3	1	26.4	8.2	30.5	6	8.6	4.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	07:55	7.1	Bottom	3	2	26.4	8.2	30.5	6	8.6	5
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:30	5.6	Surface	1	1	26.2	8.2	30.3	5.9	8.5	10
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:30	5.6	Surface	1	2	26.2	8.2	30.3	5.9	8.5	10.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:30	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:30	5.6	Middle	2	2						

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:30	5.6	Bottom	3	1	26.2	8.2	30.3	6	9.1	11
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:30	5.6	Bottom	3	2	26.2	8.2	30.3	6	9.1	11.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4a	Fine	Moderate	08:40	4.8	Surface	1	1	26.2	8.2	30.2	5.5	3.5	4.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4a	Fine	Moderate	08:40	4.8	Surface	1	2	26.2	8.2	30.2	5.5	3.4	5.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4a	Fine	Moderate	08:40	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4a	Fine	Moderate	08:40	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4a	Fine	Moderate	08:40	4.8	Bottom	3	1	26.8	8.1	30.6	5.4	4.7	5.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4a	Fine	Moderate	08:40	4.8	Bottom	3	2	26.8	8.1	30.6	5.4	4.6	5.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4(N2)	Fine	Moderate	08:44	4.2	Surface	1	1	26.4	8.1	30.3	5.5	7.6	10.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4(N2)	Fine	Moderate	08:44	4.2	Surface	1	2	26.4	8.1	30.3	5.5	7.6	10.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4(N2)	Fine	Moderate	08:44	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4(N2)	Fine	Moderate	08:44	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4(N2)	Fine	Moderate	08:44	4.2	Bottom	3	1	26.5	8.1	30.4	5.5	9.6	11.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR4(N2)	Fine	Moderate	08:44	4.2	Bottom	3	2	26.5	8.1	30.4	5.5	9.6	11
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS8(N)	Fine	Moderate	08:49	4.7	Surface	1	1	26.2	8.2	30.3	5.9	4.8	6
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS8(N)	Fine	Moderate	08:49	4.7	Surface	1	2	26.2	8.2	30.3	5.9	4.8	5.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS8(N)	Fine	Moderate	08:49	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS8(N)	Fine	Moderate	08:49	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS8(N)	Fine	Moderate	08:49	4.7	Bottom	3	1	26.1	8.2	30.3	6.1	5.3	5.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS8(N)	Fine	Moderate	08:49	4.7	Bottom	3	2	26.1	8.2	30.3	6.1	5.3	6.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)9	Fine	Moderate	08:57	3.8	Surface	1	1	26.1	8.2	30	5.9	3	4.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)9	Fine	Moderate	08:57	3.8	Surface	1	2	26.1	8.2	30	5.9	3	4
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)9	Fine	Moderate	08:57	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)9	Fine	Moderate	08:57	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)9	Fine	Moderate	08:57	3.8	Bottom	3	1	26	8.2	30.2	6	6	5.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)9	Fine	Moderate	08:57	3.8	Bottom	3	2	26	8.2	30.2	6	6.1	5.3
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)11	Fine	Moderate	08:18	11.2	Surface	1	1	26.3	8.2	29.5	6.1	3.7	7.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)11	Fine	Moderate	08:18	11.2	Surface	1	2	26.3	8.2	29.5	6.1	3.7	6.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)11	Fine	Moderate	08:18	11.2	Middle	2	1	26.4	8.1	29.7	6	4.9	6.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)11	Fine	Moderate	08:18	11.2	Middle	2	2	26.4	8.1	29.7	6	4.8	6.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)11	Fine	Moderate	08:18	11.2	Bottom	3	1	26.5	8.1	29.8	6.1	5.8	6.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS(Mf)11	Fine	Moderate	08:18	11.2	Bottom	3	2	26.5	8.1	29.8	6.1	5.8	6.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR7	Fine	Moderate	07:24	4.5	Surface	1	1	26.5	8.2	29.8	6	4.1	3.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR7	Fine	Moderate	07:24	4.5	Surface	1	2	26.5	8.2	29.7	6	4.1	4.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR7	Fine	Moderate	07:24	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR7	Fine	Moderate	07:24	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR7	Fine	Moderate	07:24	4.5	Bottom	3	1	26.6	8.1	30	6	5	4.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	SR7	Fine	Moderate	07:24	4.5	Bottom	3	2	26.6	8.1	30	6	5	4.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS17	Fine	Moderate	08:24	11.8	Surface	1	1	26.4	8.2	30	5.9	2.1	6.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS17	Fine	Moderate	08:24	11.8	Surface	1	2	26.4	8.2	30	5.9	2.1	6.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS17	Fine	Moderate	08:24	11.8	Middle	2	1	26.4	8.2	30.2	6	4	7
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS17	Fine	Moderate	08:24	11.8	Middle	2	2	26.4	8.2	30.2	5.9	3.9	7.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS17	Fine	Moderate	08:24	11.8	Bottom	3	1	26.4	8.2	30.3	6	6	9
TMCLKL	HY/2012/08	2019-10-23	Mid-Ebb	IS17	Fine	Moderate	08:24	11.8	Bottom	3	2	26.4	8.2	30.3	6	5.9	9.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)5	Fine	Moderate	16:29	14.2	Surface	1	1	26.8	8.2	30.5	6	2.9	4.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)5	Fine	Moderate	16:29	14.2	Surface	1	2	26.8	8.2	30.5	6	2.9	5.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)5	Fine	Moderate	16:29	14.2	Middle	2	1	26.8	8.2	31.2	5.5	5.1	5
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)5	Fine	Moderate	16:29	14.2	Middle	2	2	26.8	8.2	31.2	5.5	5.1	5.3
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)5	Fine	Moderate	16:29	14.2	Bottom	3	1	26.9	8.1	31.6	5.6	8.8	4.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)5	Fine	Moderate	16:29	14.2	Bottom	3	2	26.9	8.1	31.6	5.6	8.8	5.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	15:34	7.2	Surface	1	1	26.9	8.2	27.6	6.8	4.7	6.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	15:34	7.2	Surface	1	2	26.9	8.2	27.6	6.8	4.7	6.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	15:34	7.2	Middle	2	1	26.8	8.2	28	6.6	4.6	8.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	15:34	7.2	Middle	2	2	26.8	8.2	28	6.6	4.6	8.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	15:34	7.2	Bottom	3	1	26.7	8.2	28.4	6.6	6.5	8.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	15:34	7.2	Bottom	3	2	26.7	8.2	28.4	6.5	6.5	8.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)16	Fine	Moderate	14:59	5.2	Surface	1	1	26.8	8.2	29.9	6.2	6.9	10.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)16	Fine	Moderate	14:59	5.2	Surface	1	2	26.8	8.2	29.9	6.2	6.9	10.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)16	Fine	Moderate	14:59	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)16	Fine	Moderate	14:59	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)16	Fine	Moderate	14:59	5.2	Bottom	3	1	26.8	8.2	30.1	6.1	7.8	10

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)16	Fine	Moderate	14:59	5.2	Bottom	3	2	26.8	8.2	30.1	6.1	7.9	9.6
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4a	Fine	Moderate	14:50	4.1	Surface	1	1	26.8	8.1	30.3	5.9	4.9	6.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4a	Fine	Moderate	14:50	4.1	Surface	1	2	26.9	8.1	30.3	5.9	4.8	6.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4a	Fine	Moderate	14:50	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4a	Fine	Moderate	14:50	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4a	Fine	Moderate	14:50	4.1	Bottom	3	1	26.9	8.1	30.5	5.5	7.7	6.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4a	Fine	Moderate	14:50	4.1	Bottom	3	2	26.8	8.1	30.5	5.5	7.8	7.3
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4(N2)	Fine	Moderate	14:47	4.5	Surface	1	1	26.9	8.2	30.2	6	4.7	7.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4(N2)	Fine	Moderate	14:47	4.5	Surface	1	2	26.9	8.2	30.1	6	4.7	7.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4(N2)	Fine	Moderate	14:47	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4(N2)	Fine	Moderate	14:47	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4(N2)	Fine	Moderate	14:47	4.5	Bottom	3	1	26.7	8.1	30.4	6	6.9	8.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR4(N2)	Fine	Moderate	14:47	4.5	Bottom	3	2	26.7	8.1	30.4	6	6.9	8.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS8(N)	Fine	Moderate	14:41	4.7	Surface	1	1	27	8.2	29.8	6.3	3.9	5.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS8(N)	Fine	Moderate	14:41	4.7	Surface	1	2	27	8.2	29.8	6.3	4	6.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS8(N)	Fine	Moderate	14:41	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS8(N)	Fine	Moderate	14:41	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS8(N)	Fine	Moderate	14:41	4.7	Bottom	3	1	27	8.2	30	6.3	3.5	7.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS8(N)	Fine	Moderate	14:41	4.7	Bottom	3	2	27	8.2	30	6.3	3.5	8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)9	Fine	Moderate	14:28	4.2	Surface	1	1	26.9	8.2	30.4	5.9	11.7	12.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)9	Fine	Moderate	14:28	4.2	Surface	1	2	26.9	8.2	30.4	5.9	11.8	13.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)9	Fine	Moderate	14:28	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)9	Fine	Moderate	14:28	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)9	Fine	Moderate	14:28	4.2	Bottom	3	1	26.8	8.2	30.4	6.1	16.7	13
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)9	Fine	Moderate	14:28	4.2	Bottom	3	2	26.8	8.2	30.4	6.1	16.6	12.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)11	Fine	Moderate	15:11	10.9	Surface	1	1	26.7	8.2	29.7	6.2	9.1	10
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)11	Fine	Moderate	15:11	10.9	Surface	1	2	26.7	8.2	29.7	6.2	9.1	10.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)11	Fine	Moderate	15:11	10.9	Middle	2	1	26.7	8.2	29.7	6.2	11.5	12.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)11	Fine	Moderate	15:11	10.9	Middle	2	2	26.7	8.2	29.7	6.2	11.5	13.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)11	Fine	Moderate	15:11	10.9	Bottom	3	1	26.7	8.2	29.8	6.2	12.2	12.7
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS(Mf)11	Fine	Moderate	15:11	10.9	Bottom	3	2	26.7	8.2	29.8	6.2	12.1	12.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR7	Fine	Moderate	16:06	4.2	Surface	1	1	26.8	8.2	29.8	6.2	5.8	9.5
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR7	Fine	Moderate	16:06	4.2	Surface	1	2	26.8	8.2	29.8	6.2	5.8	9.9
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR7	Fine	Moderate	16:06	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR7	Fine	Moderate	16:06	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR7	Fine	Moderate	16:06	4.2	Bottom	3	1	26.7	8.2	30	6.1	8.2	9.8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	SR7	Fine	Moderate	16:06	4.2	Bottom	3	2	26.7	8.2	30	6.1	8.2	10.3
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS17	Fine	Moderate	15:05	10.5	Surface	1	1	26.5	8.2	29.8	6.1	5	8.4
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS17	Fine	Moderate	15:05	10.5	Surface	1	2	26.5	8.2	29.8	6.1	5	8.2
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS17	Fine	Moderate	15:05	10.5	Middle	2	1	26.6	8.2	30.2	5.8	7.7	8.1
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS17	Fine	Moderate	15:05	10.5	Middle	2	2	26.6	8.2	30.2	5.8	7.7	8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS17	Fine	Moderate	15:05	10.5	Bottom	3	1	26.6	8.2	30.2	5.8	7.4	8
TMCLKL	HY/2012/08	2019-10-23	Mid-Flood	IS17	Fine	Moderate	15:05	10.5	Bottom	3	2	26.7	8.2	30.3	5.7	7.3	7.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:31	12.3	Surface	1	1	27.3	8.2	30.2	5.9	3	6.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:31	12.3	Surface	1	2	27.4	8	29.2	5.9	3.1	5.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:31	12.3	Middle	2	1	27.7	8.1	31.8	5.4	4.2	7.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:31	12.3	Middle	2	2	27.8	8	30.8	5.3	4.3	7.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:31	12.3	Bottom	3	1	27.8	8.1	32.3	5.4	5.7	8.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:31	12.3	Bottom	3	2	27.8	8	31.3	5.3	6.2	9.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:35	7.7	Surface	1	1	27.7	8.2	28.7	6.3	4.1	6.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:35	7.7	Surface	1	2	27.7	8.1	27.8	6.2	4.3	6.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:35	7.7	Middle	2	1	27.6	8.2	29.3	6	6.8	7.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:35	7.7	Middle	2	2	27.6	8.1	28.3	5.9	6.3	7.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:35	7.7	Bottom	3	1	27.4	8.2	30.2	5.9	12	10.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:35	7.7	Bottom	3	2	27.5	8.1	29.2	5.8	12	9.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:15	5.9	Surface	1	1	27.4	8.2	29.9	6.2	6.6	10.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:15	5.9	Surface	1	2	27.5	8.1	29	6.1	7.4	11.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:15	5.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:15	5.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:15	5.9	Bottom	3	1	27.4	8.2	30	6.2	8.1	14.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:15	5.9	Bottom	3	2	27.5	8.1	29	6.1	9.1	15

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4a	Cloudy	Moderate	11:24	4.8	Surface	1	1	27.2	8.2	29.7	6.1	3.8	6.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4a	Cloudy	Moderate	11:24	4.8	Surface	1	2	27.4	8.1	28.7	6	3.5	6.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4a	Cloudy	Moderate	11:24	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4a	Cloudy	Moderate	11:24	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4a	Cloudy	Moderate	11:24	4.8	Bottom	3	1	27.1	8.1	29.9	5.7	5.5	7.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4a	Cloudy	Moderate	11:24	4.8	Bottom	3	2	27.5	8.1	29	5.6	5.8	7.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	3.5	Surface	1	1	27.4	8.2	29.7	6.1	6.9	8.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	3.5	Surface	1	2	27.5	8.1	28.7	6	7.2	8.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	3.5	Bottom	3	1	27.4	8.2	29.7	6.1	7.2	9.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	3.5	Bottom	3	2	27.5	8.1	28.7	6	7.8	10
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS8(N)	Cloudy	Calm	11:35	3.9	Surface	1	1	27.4	8.2	29.7	6.2	5.5	8.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS8(N)	Cloudy	Calm	11:35	3.9	Surface	1	2	27.5	8.1	28.8	6.1	5.7	9.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS8(N)	Cloudy	Calm	11:35	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS8(N)	Cloudy	Calm	11:35	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS8(N)	Cloudy	Calm	11:35	3.9	Bottom	3	1	27.4	8.2	29.8	6.2	6	11.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS8(N)	Cloudy	Calm	11:35	3.9	Bottom	3	2	27.5	8.2	28.8	6.1	6.2	10.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:44	3.2	Surface	1	1	27.6	8.2	29.9	6.1	7.6	12.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:44	3.2	Surface	1	2	27.7	8.1	29	6.1	7.8	12.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:44	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:44	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:44	3.2	Bottom	3	1	27.5	8.2	29.9	6.1	7.6	16.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:44	3.2	Bottom	3	2	27.6	8.1	29	6.1	8	16.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:59	11.7	Surface	1	1	27.7	8.2	29.2	6.2	5.1	10.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:59	11.7	Surface	1	2	27.7	8.1	28.3	6.2	5.5	10.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:59	11.7	Middle	2	1	27.5	8.2	29.5	6	5.7	10.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:59	11.7	Middle	2	2	27.5	8.1	28.6	5.9	6	11.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:59	11.7	Bottom	3	1	27.4	8.2	29.5	6	7.7	10.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:59	11.7	Bottom	3	2	27.5	8.1	28.6	6	7.4	10.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR7	Cloudy	Moderate	09:59	4.7	Surface	1	1	27.5	8.2	30.2	5.9	4.9	7.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR7	Cloudy	Moderate	09:59	4.7	Surface	1	2	27.6	8.1	29.3	5.8	5.1	7.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR7	Cloudy	Moderate	09:59	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR7	Cloudy	Moderate	09:59	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR7	Cloudy	Moderate	09:59	4.7	Bottom	3	1	27.6	8.1	30.6	5.9	6.9	9.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	SR7	Cloudy	Moderate	09:59	4.7	Bottom	3	2	27.6	8.1	29.6	5.8	7.4	9.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS17	Cloudy	Moderate	11:07	7.9	Surface	1	1	27.5	8.2	30	6	5.5	9.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS17	Cloudy	Moderate	11:07	7.9	Surface	1	2	27.6	8.1	29	5.9	5.9	9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS17	Cloudy	Moderate	11:07	7.9	Middle	2	1	27.5	8.2	30	6	5.6	10.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS17	Cloudy	Moderate	11:07	7.9	Middle	2	2	27.6	8.1	29	5.9	6	9.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS17	Cloudy	Moderate	11:07	7.9	Bottom	3	1	27.5	8.2	30.1	6	5.8	11.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Ebb	IS17	Cloudy	Moderate	11:07	7.9	Bottom	3	2	27.6	8.1	29.2	5.9	6.4	11.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:43	12.3	Surface	1	1	27.8	8.1	29.6	5.7	3.2	11.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:43	12.3	Surface	1	2	27.7	8.1	30.6	5.8	4	11.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:43	12.3	Middle	2	1	27.8	8.1	30.3	5.5	5	10.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:43	12.3	Middle	2	2	27.7	8.1	31.3	5.6	4.8	10
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:43	12.3	Bottom	3	1	27.8	8.1	30.4	5.7	14.1	8
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:43	12.3	Bottom	3	2	27.7	8.1	31.4	5.8	13.9	7.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:44	7	Surface	1	1	27.8	8.1	28.8	6.1	9.8	15.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:44	7	Surface	1	2	27.7	8.2	29.8	6.2	9.8	16.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:44	7	Middle	2	1	27.8	8.1	28.8	6.1	11.2	20.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:44	7	Middle	2	2	27.7	8.2	29.8	6.2	11.4	20.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:44	7	Bottom	3	1	27.8	8.1	28.8	6.2	12.4	21.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:44	7	Bottom	3	2	27.7	8.2	29.8	6.2	12.4	21
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:07	5.4	Surface	1	1	27.9	8.1	29.1	6	9.7	15.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:07	5.4	Surface	1	2	27.8	8.2	30.1	6.1	9.7	14.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:07	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:07	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:07	5.4	Bottom	3	1	27.9	8.1	29.2	6	13.7	16.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)16	Cloudy	Moderate	16:07	5.4	Bottom	3	2	27.8	8.2	30.2	6.1	13.3	15.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4a	Cloudy	Calm	15:56	4.3	Surface	1	1	27.8	8.1	29.1	6	8	11.4



Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4a	Cloudy	Calm	15:56	4.3	Surface	1	2	27.7	8.2	30	5.9	8	11
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4a	Cloudy	Calm	15:56	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4a	Cloudy	Calm	15:56	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4a	Cloudy	Calm	15:56	4.3	Bottom	3	1	27.8	8.1	29.2	5.8	11	10.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4a	Cloudy	Calm	15:56	4.3	Bottom	3	2	27.7	8.2	30.2	6	11.8	10.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4(N2)	Cloudy	Calm	15:53	3.5	Surface	1	1	27.8	8.1	28.7	6.3	4.1	11.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4(N2)	Cloudy	Calm	15:53	3.5	Surface	1	2	27.2	8.2	29.6	6.4	4.5	11.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4(N2)	Cloudy	Calm	15:53	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4(N2)	Cloudy	Calm	15:53	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4(N2)	Cloudy	Calm	15:53	3.5	Bottom	3	1	27.7	8.1	28.7	6.3	4.5	10.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR4(N2)	Cloudy	Calm	15:53	3.5	Bottom	3	2	27.3	8.2	29.6	6.4	4.8	9.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS8(N)	Cloudy	Calm	15:47	3.4	Surface	1	1	27.9	8.1	29.1	6	9.2	14.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS8(N)	Cloudy	Calm	15:47	3.4	Surface	1	2	27.8	8.2	30	6.1	9.3	14.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS8(N)	Cloudy	Calm	15:47	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS8(N)	Cloudy	Calm	15:47	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS8(N)	Cloudy	Calm	15:47	3.4	Bottom	3	1	27.9	8.1	29.2	6	11.9	12
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS8(N)	Cloudy	Calm	15:47	3.4	Bottom	3	2	27.8	8.2	30.2	6.1	11.6	11.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:38	3.1	Surface	1	1	27.8	8.1	29.1	6.1	9.3	19
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:38	3.1	Surface	1	2	27.7	8.2	30.1	6.2	10	20.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:38	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:38	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:38	3.1	Bottom	3	1	27.8	8.1	29.1	6	18	21.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)9	Cloudy	Calm	15:38	3.1	Bottom	3	2	27.7	8.2	30.1	6.2	18	21
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:19	11.6	Surface	1	1	27.8	8.1	28.2	6.3	11.8	13.4
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:19	11.6	Surface	1	2	27.1	8.2	29.1	6.4	11.7	13.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:19	11.6	Middle	2	1	27.8	8.1	28.2	6.3	11.2	13.2
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:19	11.6	Middle	2	2	27.3	8.2	29.1	6.4	12	13.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:19	11.6	Bottom	3	1	27.8	8.1	28.1	6.3	11.1	14.6
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:19	11.6	Bottom	3	2	27.2	8.2	29.1	6.4	11.2	14
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR7	Cloudy	Moderate	17:19	4.6	Surface	1	1	27.8	8.1	28.8	6	14.3	18.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR7	Cloudy	Moderate	17:19	4.6	Surface	1	2	27.7	8.2	29.7	6.1	14.5	18.3
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR7	Cloudy	Moderate	17:19	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR7	Cloudy	Moderate	17:19	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR7	Cloudy	Moderate	17:19	4.6	Bottom	3	1	27.8	8.1	28.8	6	17.8	19.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	SR7	Cloudy	Moderate	17:19	4.6	Bottom	3	2	27.7	8.2	29.7	6.2	17.9	19.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS17	Cloudy	Moderate	16:14	7.6	Surface	1	1	27.8	8.1	28.8	6	6.3	11.1
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS17	Cloudy	Moderate	16:14	7.6	Surface	1	2	27.7	8.2	29.8	6.1	6.8	10.8
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS17	Cloudy	Moderate	16:14	7.6	Middle	2	1	27.7	8.1	29	6	9	10.9
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS17	Cloudy	Moderate	16:14	7.6	Middle	2	2	27.7	8.2	29.9	6	8.7	11.5
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS17	Cloudy	Moderate	16:14	7.6	Bottom	3	1	27.8	8.1	29	6	9.5	9.7
TMCLKL	HY/2012/08	2019-10-25	Mid-Flood	IS17	Cloudy	Moderate	16:14	7.6	Bottom	3	2	27.7	8.2	30	6	9.9	9.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)5	Cloudy	Calm	13:26	12.7	Surface	1	1	27.6	8.2	30.1	5.6	12.1	25.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)5	Cloudy	Calm	13:26	12.7	Surface	1	2	27.6	8.2	29.9	5.6	12.2	26
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)5	Cloudy	Calm	13:26	12.7	Middle	2	1	27.6	8.2	30.1	5.6	11.2	25
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)5	Cloudy	Calm	13:26	12.7	Middle	2	2	27.6	8.2	29.9	5.6	11.2	25.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)5	Cloudy	Calm	13:26	12.7	Bottom	3	1	27.6	8.3	30.1	5.6	16	27.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)5	Cloudy	Calm	13:26	12.7	Bottom	3	2	27.6	8.3	29.9	5.6	16.1	27.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:40	7.5	Surface	1	1	27.5	8.2	29.5	5.8	9.6	15
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:40	7.5	Surface	1	2	27.5	8.2	29.3	5.8	9.4	14.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:40	7.5	Middle	2	1	27.5	8.3	29.7	5.9	11.7	14.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:40	7.5	Middle	2	2	27.5	8.3	29.5	5.8	11.6	14.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:40	7.5	Bottom	3	1	27.4	8.3	30	5.9	14.2	12.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	12:40	7.5	Bottom	3	2	27.4	8.3	29.9	5.9	14.6	12.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)16	Cloudy	Calm	11:45	5.8	Surface	1	1	27.6	8.2	29.7	5.7	12.8	13.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)16	Cloudy	Calm	11:45	5.8	Surface	1	2	27.6	8.2	29.6	5.7	12.8	13.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)16	Cloudy	Calm	11:45	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)16	Cloudy	Calm	11:45	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)16	Cloudy	Calm	11:45	5.8	Bottom	3	1	27.5	8.2	30	5.6	18	17.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)16	Cloudy	Calm	11:45	5.8	Bottom	3	2	27.5	8.2	29.9	5.6	17.9	18
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4a	Cloudy	Calm	11:34	4.5	Surface	1	1	27.6	8.3	29.7	5.7	5.4	5.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4a	Cloudy	Calm	11:34	4.5	Surface	1	2	27.6	8.3	29.6	5.7	5.2	5.3

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4a	Cloudy	Calm	11:34	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4a	Cloudy	Calm	11:34	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4a	Cloudy	Calm	11:34	4.5	Bottom	3	1	27.5	8.3	29.7	5.9	6.8	6.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4a	Cloudy	Calm	11:34	4.5	Bottom	3	2	27.5	8.3	29.6	5.8	6.7	6.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:28	4.2	Surface	1	1	27.4	8.3	29.7	5.6	8.1	9
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:28	4.2	Surface	1	2	27.4	8.3	29.5	5.6	8	9.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:28	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:28	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:28	4.2	Bottom	3	1	27.4	8.3	29.7	5.8	8.5	9.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:28	4.2	Bottom	3	2	27.4	8.3	29.5	5.7	8.4	9.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS8(N)	Cloudy	Calm	11:21	3.9	Surface	1	1	27.5	8.4	29.5	5.8	8.6	9.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS8(N)	Cloudy	Calm	11:21	3.9	Surface	1	2	27.5	8.4	29.4	5.8	8.4	8.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS8(N)	Cloudy	Calm	11:21	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS8(N)	Cloudy	Calm	11:21	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS8(N)	Cloudy	Calm	11:21	3.9	Bottom	3	1	27.4	8.4	29.5	6	9.7	10.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS8(N)	Cloudy	Calm	11:21	3.9	Bottom	3	2	27.4	8.4	29.4	6	9.4	9.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:16	3.4	Surface	1	1	27.5	8.4	29.6	5.8	6.5	4.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:16	3.4	Surface	1	2	27.5	8.4	29.5	5.8	6.4	4.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:16	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:16	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:16	3.4	Bottom	3	1	27.5	8.4	29.7	5.9	7	5.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:16	3.4	Bottom	3	2	27.5	8.4	29.6	5.9	7.1	4.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.3	Surface	1	1	27.8	8.2	29.6	5.9	6.2	6.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.3	Surface	1	2	27.8	8.2	29.5	5.9	6.2	7.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.3	Middle	2	1	27.5	8.2	29.8	5.6	9.1	10.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.3	Middle	2	2	27.5	8.2	29.7	5.6	8.9	9.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.3	Bottom	3	1	27.6	8.2	30.3	5.6	12.8	14.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	12:03	11.3	Bottom	3	2	27.6	8.2	30.2	5.6	12.9	14.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR7	Cloudy	Moderate	13:07	4.5	Surface	1	1	27.6	8.3	29.3	5.9	9.7	10.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR7	Cloudy	Moderate	13:07	4.5	Surface	1	2	27.7	8.3	29.1	5.9	9.4	11.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR7	Cloudy	Moderate	13:07	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR7	Cloudy	Moderate	13:07	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR7	Cloudy	Moderate	13:07	4.5	Bottom	3	1	27.6	8.3	29.4	6	10.7	10.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	SR7	Cloudy	Moderate	13:07	4.5	Bottom	3	2	27.6	8.3	29.3	6	10.8	10.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS17	Cloudy	Calm	11:53	8.2	Surface	1	1	27.5	8.2	29.9	5.6	12.1	19.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS17	Cloudy	Calm	11:53	8.2	Surface	1	2	27.5	8.2	29.8	5.6	11.9	19.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS17	Cloudy	Calm	11:53	8.2	Middle	2	1	27.5	8.2	30.1	5.6	12.4	20.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS17	Cloudy	Calm	11:53	8.2	Middle	2	2	27.5	8.2	29.9	5.6	12.2	20.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS17	Cloudy	Calm	11:53	8.2	Bottom	3	1	27.5	8.2	30.2	5.8	16.4	20.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Ebb	IS17	Cloudy	Calm	11:53	8.2	Bottom	3	2	27.5	8.2	30	5.7	16.6	19.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)5	Cloudy	Calm	06:15	12.6	Surface	1	1	27.5	8	29.7	5.7	6.7	7.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)5	Cloudy	Calm	06:15	12.6	Surface	1	2	27.5	8	29.6	5.7	6.8	8.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)5	Cloudy	Calm	06:15	12.6	Middle	2	1	27.5	8	30.1	5.5	9	11.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)5	Cloudy	Calm	06:15	12.6	Middle	2	2	27.5	8	29.9	5.5	8.8	11
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)5	Cloudy	Calm	06:15	12.6	Bottom	3	1	27.6	8	30.4	5.5	14.5	10.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)5	Cloudy	Calm	06:15	12.6	Bottom	3	2	27.6	8	30.3	5.5	14.6	10.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Calm	07:07	7.2	Surface	1	1	27.3	8.1	29	6	12.6	17.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Calm	07:07	7.2	Surface	1	2	27.3	8.1	28.8	6	12.8	17.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Calm	07:07	7.2	Middle	2	1	27.3	8.1	29	6	14.3	20.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Calm	07:07	7.2	Middle	2	2	27.3	8.1	28.8	6	14.5	20.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Calm	07:07	7.2	Bottom	3	1	27.4	8.1	29.1	6.1	16.7	22.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Calm	07:07	7.2	Bottom	3	2	27.4	8.1	29	6.1	16.3	22.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)16	Cloudy	Calm	07:52	5.7	Surface	1	1	27.4	8.1	29.6	5.8	10.4	12.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)16	Cloudy	Calm	07:52	5.7	Surface	1	2	27.4	8.1	29.5	5.8	10.3	11.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)16	Cloudy	Calm	07:52	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)16	Cloudy	Calm	07:52	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)16	Cloudy	Calm	07:52	5.7	Bottom	3	1	27.4	8.1	29.6	6	12.6	13.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)16	Cloudy	Calm	07:52	5.7	Bottom	3	2	27.4	8.1	29.5	6	12.6	14.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4a	Cloudy	Calm	08:04	4.5	Surface	1	1	27.3	8.1	29.5	5.6	6	7.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4a	Cloudy	Calm	08:04	4.5	Surface	1	2	27.3	8.1	29.4	5.6	5.9	8
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4a	Cloudy	Calm	08:04	4.5	Middle	2	1						

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4a	Cloudy	Calm	08:04	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4a	Cloudy	Calm	08:04	4.5	Bottom	3	1	27.3	8.1	29.7	5.9	8.1	11.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4a	Cloudy	Calm	08:04	4.5	Bottom	3	2	27.3	8.1	29.5	5.9	8	12
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4(N2)	Cloudy	Calm	08:08	4.2	Surface	1	1	27.4	8.1	29.5	5.5	7.4	9
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4(N2)	Cloudy	Calm	08:08	4.2	Surface	1	2	27.3	8.1	29.3	5.5	7	9.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4(N2)	Cloudy	Calm	08:08	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4(N2)	Cloudy	Calm	08:08	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4(N2)	Cloudy	Calm	08:08	4.2	Bottom	3	1	27.3	8.1	29.5	5.7	7.1	12
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR4(N2)	Cloudy	Calm	08:08	4.2	Bottom	3	2	27.3	8.1	29.4	5.6	7.3	12.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS8(N)	Cloudy	Calm	08:15	3.9	Surface	1	1	27.4	8.1	29.6	5.7	9.3	8.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS8(N)	Cloudy	Calm	08:15	3.9	Surface	1	2	27.4	8.1	29.4	5.7	9.2	9.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS8(N)	Cloudy	Calm	08:15	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS8(N)	Cloudy	Calm	08:15	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS8(N)	Cloudy	Calm	08:15	3.9	Bottom	3	1	27.4	8.1	29.6	5.7	9.6	9.3
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS8(N)	Cloudy	Calm	08:15	3.9	Bottom	3	2	27.4	8.1	29.5	5.7	9.6	10.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)9	Cloudy	Calm	08:23	3.2	Surface	1	1	27.4	8.1	29.7	5.7	8.2	9.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)9	Cloudy	Calm	08:23	3.2	Surface	1	2	27.4	8.1	29.6	5.7	7.9	9.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)9	Cloudy	Calm	08:23	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)9	Cloudy	Calm	08:23	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)9	Cloudy	Calm	08:23	3.2	Bottom	3	1	27.4	8.1	29.8	5.9	10.2	12
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)9	Cloudy	Calm	08:23	3.2	Bottom	3	2	27.4	8.1	29.6	5.9	10.1	12.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)11	Cloudy	Calm	06:43	11.6	Surface	1	1	27.5	8.1	29.7	5.7	13.1	16.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)11	Cloudy	Calm	06:43	11.6	Surface	1	2	27.5	8.1	29.6	5.7	13	16.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)11	Cloudy	Calm	06:43	11.6	Middle	2	1	27.5	8.1	29.7	5.7	12.4	19.6
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)11	Cloudy	Calm	06:43	11.6	Middle	2	2	27.5	8.1	29.6	5.7	12.3	19.1
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)11	Cloudy	Calm	06:43	11.6	Bottom	3	1	27.5	8.1	29.7	5.7	17	22.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS(Mf)11	Cloudy	Calm	06:43	11.6	Bottom	3	2	27.5	8.1	29.6	5.7	17.1	23
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR7	Cloudy	Calm	06:34	4.2	Surface	1	1	27.4	8	29.5	5.9	14.1	24.8
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR7	Cloudy	Calm	06:34	4.2	Surface	1	2	27.4	8	29.3	5.9	14.2	25.2
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR7	Cloudy	Calm	06:34	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR7	Cloudy	Calm	06:34	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR7	Cloudy	Calm	06:34	4.2	Bottom	3	1	27.4	8	29.6	6.1	17.8	25.5
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	SR7	Cloudy	Calm	06:34	4.2	Bottom	3	2	27.4	8	29.4	6.1	17.5	25.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS17	Cloudy	Calm	07:44	8.2	Surface	1	1	27.5	8.1	29.8	5.7	14.4	20
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS17	Cloudy	Calm	07:44	8.2	Surface	1	2	27.5	8.1	29.7	5.7	14.8	20.7
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS17	Cloudy	Calm	07:44	8.2	Middle	2	1	27.5	8.1	29.8	5.8	17	17.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS17	Cloudy	Calm	07:44	8.2	Middle	2	2	27.5	8.1	29.7	5.7	16.8	17.4
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS17	Cloudy	Calm	07:44	8.2	Bottom	3	1	27.5	8.1	29.8	6	18.5	16.9
TMCLKL	HY/2012/08	2019-10-28	Mid-Flood	IS17	Cloudy	Calm	07:44	8.2	Bottom	3	2	27.5	8.1	29.6	6	18.2	17.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:00	11.9	Surface	1	1	26.8	8.3	30.4	5.8	5.1	7.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:00	11.9	Surface	1	2	26.8	8.3	31.3	5.6	5.7	7.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:00	11.9	Middle	2	1	27	8.2	31.1	5.6	5.1	9.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:00	11.9	Middle	2	2	27	8.2	32.1	5.5	5.9	10
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:00	11.9	Bottom	3	1	27	8.2	31.3	5.6	12.5	11.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	15:00	11.9	Bottom	3	2	27	8.2	32.3	5.5	12.1	11.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:05	7.5	Surface	1	1	26.5	8.3	29.6	6.1	7.2	8.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:05	7.5	Surface	1	2	26.5	8.3	30.5	6	7.2	8.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:05	7.5	Middle	2	1	26.3	8.4	30.4	6.1	15.3	9.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:05	7.5	Middle	2	2	26.3	8.4	31.4	6	14.2	9.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:05	7.5	Bottom	3	1	26.3	8.4	30.5	6.1	13.5	11.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:05	7.5	Bottom	3	2	26.3	8.4	31.6	6	13.1	11.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:18	5.9	Surface	1	1	26.6	8.2	29.9	6	7.6	7.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:18	5.9	Surface	1	2	26.7	8.2	30.8	5.9	7.6	7.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:18	5.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:18	5.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:18	5.9	Bottom	3	1	26.5	8.2	29.9	6	7.6	8.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:18	5.9	Bottom	3	2	26.5	8.2	30.9	5.8	7.2	8.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:06	4.7	Surface	1	1	26.6	8.2	29.9	5.9	7.5	7.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:06	4.7	Surface	1	2	26.6	8.2	30.8	5.8	7.2	7.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:06	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:06	4.7	Middle	2	2						

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:06	4.7	Bottom	3	1	26.5	8.2	29.9	6.1	7.8	8.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:06	4.7	Bottom	3	2	26.6	8.2	30.9	5.8	7.4	7.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4(N2)	Cloudy	Moderate	13:00	4.5	Surface	1	1	26.5	8.1	29.8	5.9	8.2	10.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4(N2)	Cloudy	Moderate	13:00	4.5	Surface	1	2	26.5	8.1	30.8	5.7	8.7	11.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4(N2)	Cloudy	Moderate	13:00	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4(N2)	Cloudy	Moderate	13:00	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4(N2)	Cloudy	Moderate	13:00	4.5	Bottom	3	1	26.5	8.1	29.8	5.9	9.2	8.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR4(N2)	Cloudy	Moderate	13:00	4.5	Bottom	3	2	26.5	8.1	30.8	5.8	9.4	8.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:54	3.4	Surface	1	1	26.5	8.2	29.7	6.1	7.1	7.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:54	3.4	Surface	1	2	26.5	8.2	30.7	5.9	7.1	7.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:54	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:54	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:54	3.4	Bottom	3	1	26.5	8.2	29.8	6.2	6.7	8.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:54	3.4	Bottom	3	2	26.5	8.2	30.7	6	6.1	8.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:47	3.5	Surface	1	1	26.5	8.3	29.9	5.9	10.9	7.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:47	3.5	Surface	1	2	26.5	8.3	30.8	5.9	10.2	7.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:47	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:47	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:47	3.5	Bottom	3	1	26.5	8.3	30	5.9	11.3	8.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:47	3.5	Bottom	3	2	26.5	8.3	30.8	6	10.6	8.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:32	11.5	Surface	1	1	26.8	8.2	30.1	5.9	7.2	7.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:32	11.5	Surface	1	2	26.8	8.2	31.1	5.7	7.4	7.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:32	11.5	Middle	2	1	26.7	8.2	30.2	5.7	10.9	7.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:32	11.5	Middle	2	2	26.7	8.2	31.2	5.6	10.2	8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:32	11.5	Bottom	3	1	26.8	8.2	30.6	5.7	14.8	8.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	14:32	11.5	Bottom	3	2	26.8	8.2	31.5	5.6	14.1	9.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR7	Cloudy	Moderate	14:39	4.2	Surface	1	1	26.8	8.2	30.2	5.9	10.2	10.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR7	Cloudy	Moderate	14:39	4.2	Surface	1	2	26.8	8.2	31.2	5.8	10.1	10.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR7	Cloudy	Moderate	14:39	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR7	Cloudy	Moderate	14:39	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR7	Cloudy	Moderate	14:39	4.2	Bottom	3	1	26.8	8.2	30.3	5.9	11.6	11.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	SR7	Cloudy	Moderate	14:39	4.2	Bottom	3	2	26.8	8.2	31.2	5.8	11.2	11.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS17	Cloudy	Moderate	13:26	8.6	Surface	1	1	26.6	8.2	30.1	5.8	10	7.6
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS17	Cloudy	Moderate	13:26	8.6	Surface	1	2	26.7	8.2	31.1	5.7	10.4	7.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS17	Cloudy	Moderate	13:26	8.6	Middle	2	1	26.7	8.2	30.4	5.8	13	9.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS17	Cloudy	Moderate	13:26	8.6	Middle	2	2	26.7	8.2	31.4	5.6	12.1	9.6
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS17	Cloudy	Moderate	13:26	8.6	Bottom	3	1	26.8	8.2	30.7	5.8	11.8	10.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Ebb	IS17	Cloudy	Moderate	13:26	8.6	Bottom	3	2	26.8	8.2	31.7	5.7	11.9	11.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:54	12.3	Surface	1	1	26.5	8	30.8	5.7	7.2	9.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:54	12.3	Surface	1	2	26.5	8	30.1	5.9	7.1	9.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:54	12.3	Middle	2	1	26.7	8	31.3	5.8	9	10.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:54	12.3	Middle	2	2	26.7	8	30.2	5.7	9.4	9.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:54	12.3	Bottom	3	1	26.7	8	31.4	5.8	10.2	9.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:54	12.3	Bottom	3	2	26.7	8	30.4	5.7	10.1	9.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:51	7.7	Surface	1	1	26.2	8.1	30.6	6	10.6	21.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:51	7.7	Surface	1	2	26.2	8.1	29.7	6.1	10.5	21.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:51	7.7	Middle	2	1	26.2	8	30.6	6	15.9	21.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:51	7.7	Middle	2	2	26.2	8	29.8	6.1	15.6	21.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:51	7.7	Bottom	3	1	26.2	8	30.6	6	20	22.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:51	7.7	Bottom	3	2	26.2	8	29.8	6.1	19.4	22
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:40	5.2	Surface	1	1	26.4	8.1	30.8	5.9	13.5	12.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:40	5.2	Surface	1	2	26.4	8.1	29.9	6	13.8	12.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:40	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:40	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:40	5.2	Bottom	3	1	26.4	8.1	30.8	6	14.1	14.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:40	5.2	Bottom	3	2	26.3	8.1	29.9	6.1	14.1	14.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4a	Cloudy	Moderate	09:51	4.5	Surface	1	1	26.3	8.1	30.6	5.7	6.5	8.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4a	Cloudy	Moderate	09:51	4.5	Surface	1	2	26.3	8.1	29.7	5.8	6.3	7.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4a	Cloudy	Moderate	09:51	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4a	Cloudy	Moderate	09:51	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4a	Cloudy	Moderate	09:51	4.5	Bottom	3	1	26.4	8.1	30.7	5.8	7.7	11

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4a	Cloudy	Moderate	09:51	4.5	Bottom	3	2	26.4	8.1	29.9	5.9	7.6	10.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:56	4.2	Surface	1	1	26.4	8.1	30.7	5.7	10.1	14
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:56	4.2	Surface	1	2	26.4	8.1	29.8	5.8	10.1	13.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:56	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:56	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:56	4.2	Bottom	3	1	26.4	8.1	30.7	5.9	10.5	15.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:56	4.2	Bottom	3	2	26.4	8.1	29.8	6	10.4	14.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS8(N)	Cloudy	Moderate	10:03	3.7	Surface	1	1	26.5	8.1	30.7	5.8	7.4	13.6
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS8(N)	Cloudy	Moderate	10:03	3.7	Surface	1	2	26.4	8.1	29.8	5.9	7.2	13.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS8(N)	Cloudy	Moderate	10:03	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS8(N)	Cloudy	Moderate	10:03	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS8(N)	Cloudy	Moderate	10:03	3.7	Bottom	3	1	26.5	8.1	30.7	5.8	7.7	11.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS8(N)	Cloudy	Moderate	10:03	3.7	Bottom	3	2	26.4	8.1	29.8	5.9	7.8	11
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:11	3.5	Surface	1	1	26.5	8.1	30.9	5.9	9.1	7.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:11	3.5	Surface	1	2	26.4	8.1	29.9	6	10.1	7.4
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:11	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:11	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:11	3.5	Bottom	3	1	26.5	8.1	30.9	6	11.7	7.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)9	Cloudy	Moderate	10:11	3.5	Bottom	3	2	26.4	8.1	30	6.1	11.2	7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:23	11.3	Surface	1	1	26.3	8	30.6	5.8	12.8	18.6
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:23	11.3	Surface	1	2	26.3	8	29.9	5.9	12.2	19
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:23	11.3	Middle	2	1	26.3	8	30.6	5.8	15.9	19.2
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:23	11.3	Middle	2	2	26.3	8	29.9	5.9	15.2	19.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:23	11.3	Bottom	3	1	26.3	8	30.7	5.9	11.1	22.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:23	11.3	Bottom	3	2	26.3	8	29.9	5.9	11.8	22.9
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR7	Cloudy	Moderate	08:16	4.4	Surface	1	1	26.2	8	30.9	6.2	9.1	12.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR7	Cloudy	Moderate	08:16	4.4	Surface	1	2	26.3	8	29.9	6.1	9.2	12.8
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR7	Cloudy	Moderate	08:16	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR7	Cloudy	Moderate	08:16	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR7	Cloudy	Moderate	08:16	4.4	Bottom	3	1	26.2	8	30.9	6.4	14.4	21.3
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	SR7	Cloudy	Moderate	08:16	4.4	Bottom	3	2	26.3	8	29.9	6.2	14.8	21.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS17	Cloudy	Moderate	09:30	8	Surface	1	1	26.6	8.1	30.9	5.7	10.6	9.7
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS17	Cloudy	Moderate	09:30	8	Surface	1	2	26.6	8.1	30	5.8	10.4	9.6
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS17	Cloudy	Moderate	09:30	8	Middle	2	1	26.6	8.1	30.9	5.8	16.9	11.5
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS17	Cloudy	Moderate	09:30	8	Middle	2	2	26.6	8.1	30	5.8	16.9	11.1
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS17	Cloudy	Moderate	09:30	8	Bottom	3	1	26.6	8.1	30.9	5.9	13.3	14
TMCLKL	HY/2012/08	2019-10-30	Mid-Flood	IS17	Cloudy	Moderate	09:30	8	Bottom	3	2	26.5	8.1	30	5.9	13.3	14.8