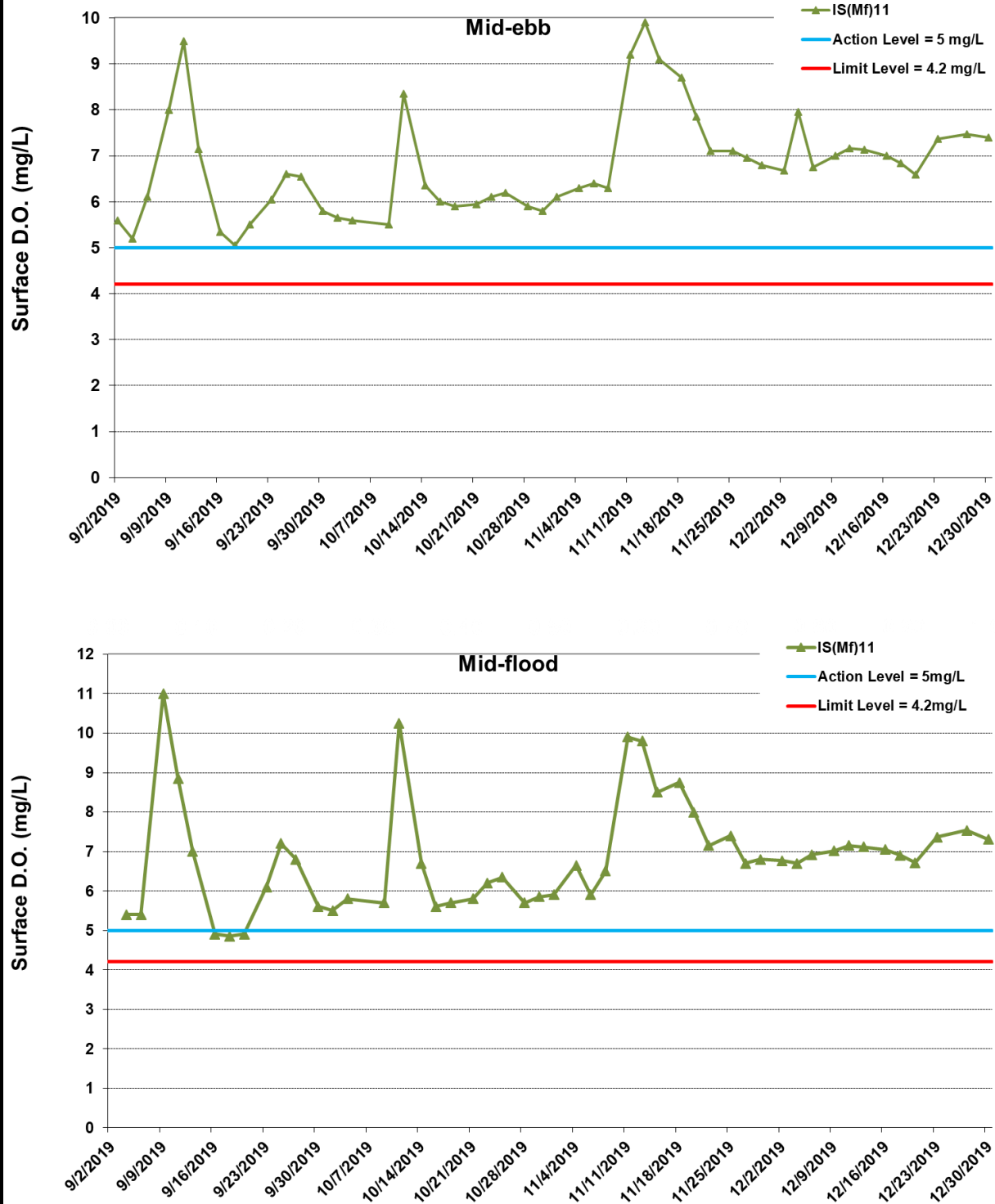


## Appendix J

# Impact Water Quality Monitoring Results



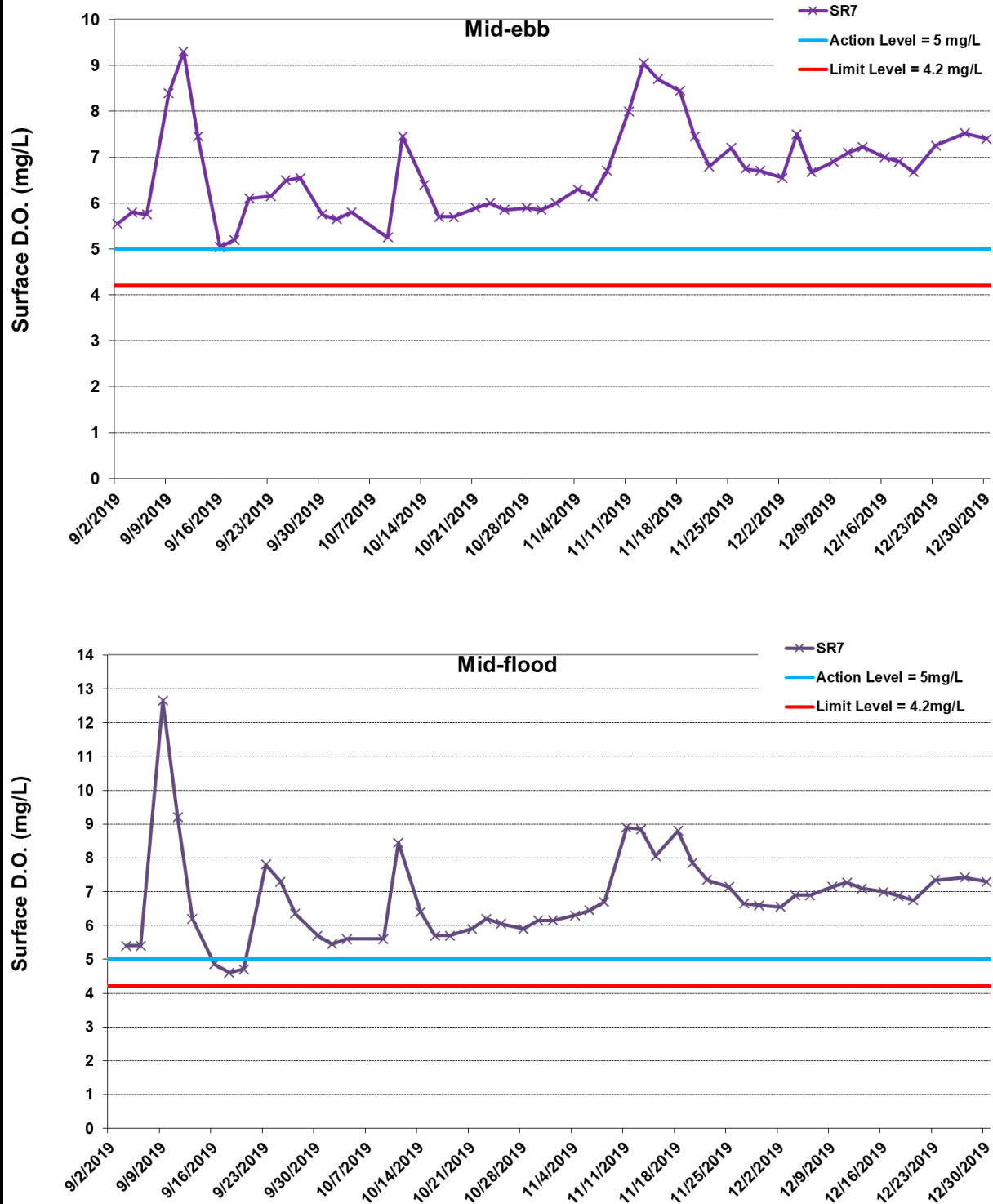
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



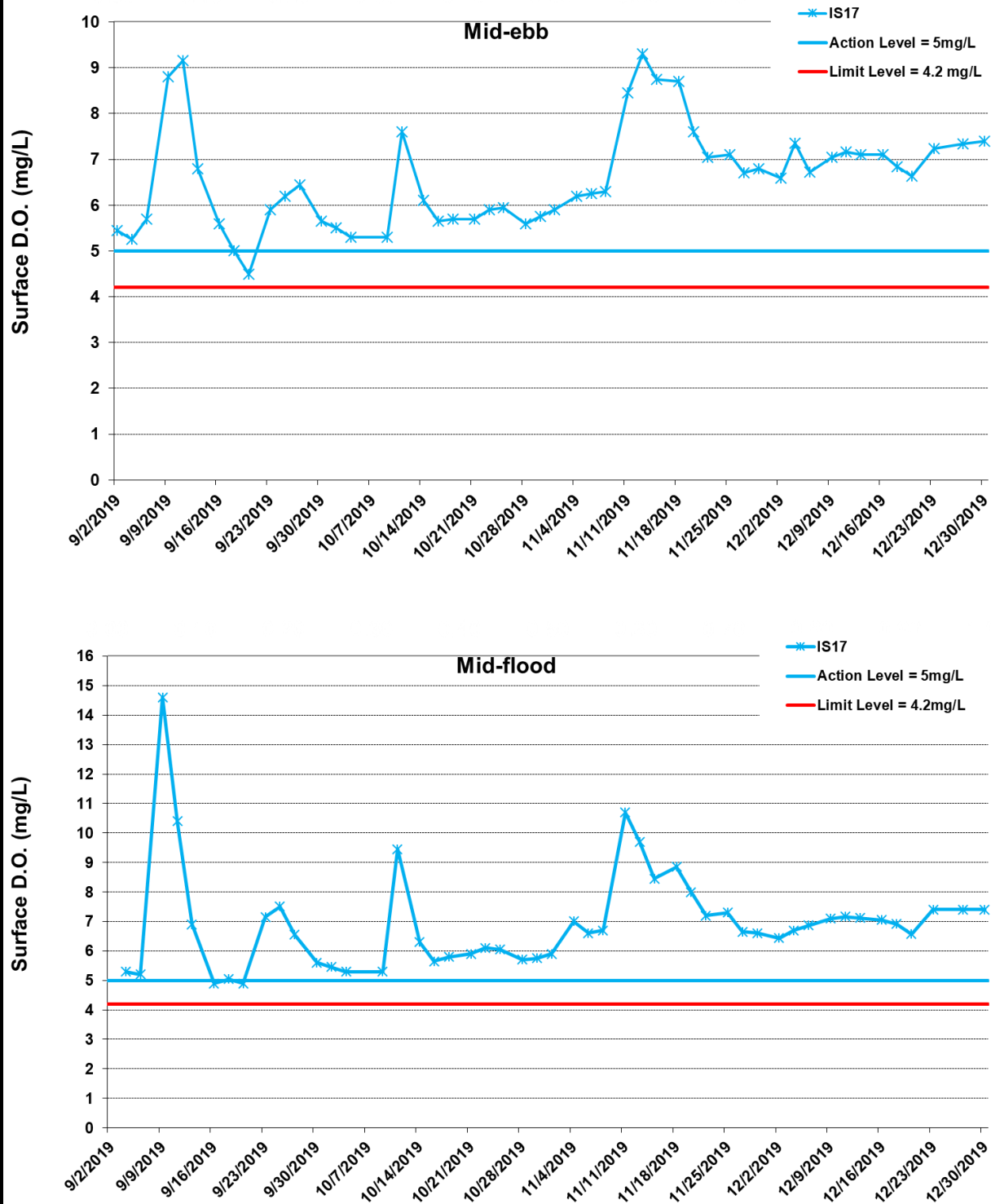
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



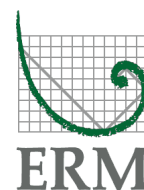
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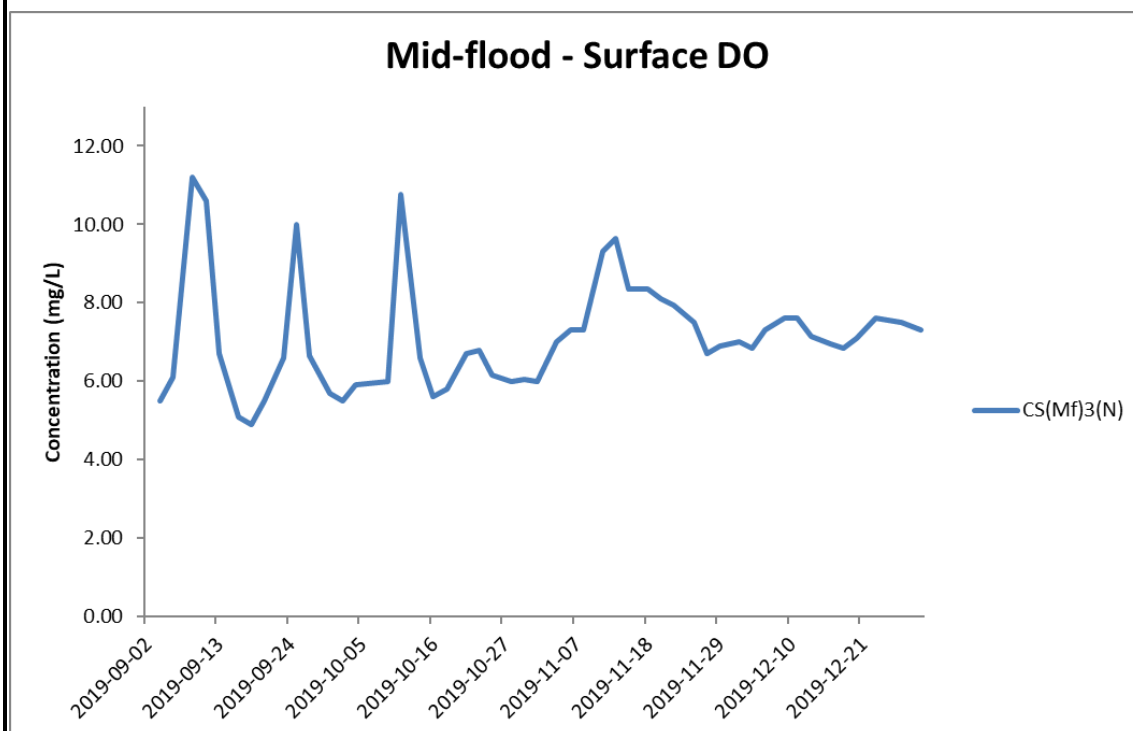
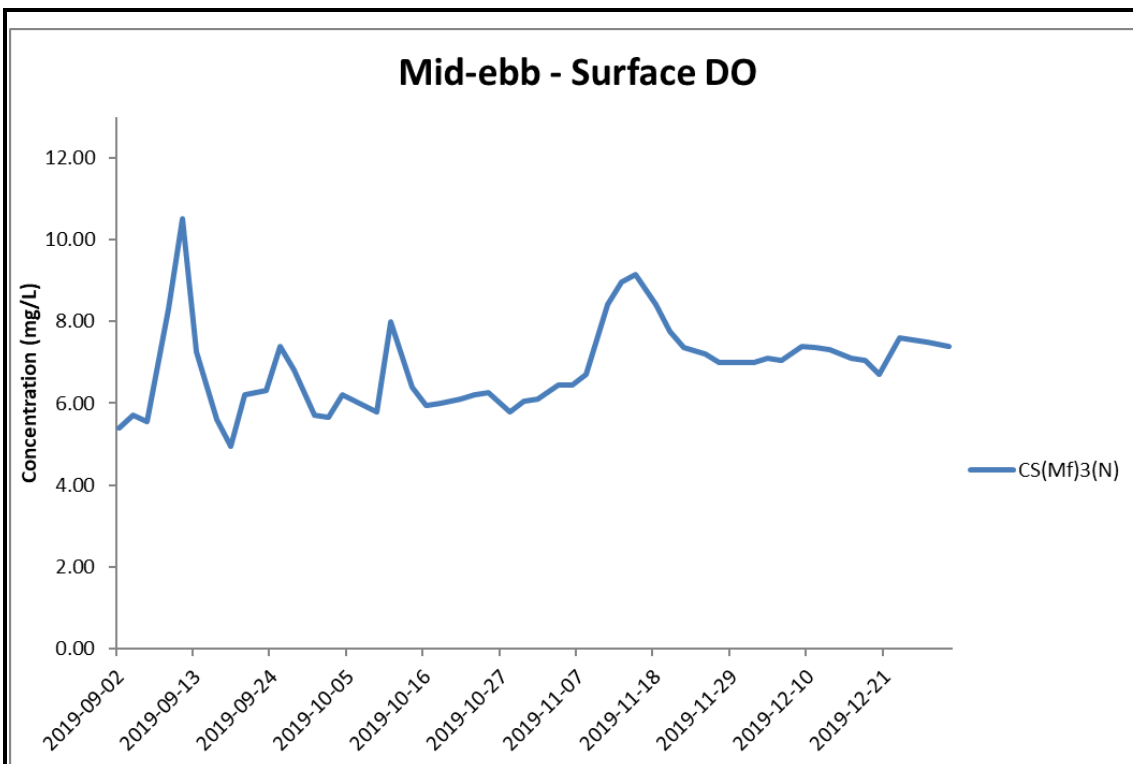
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

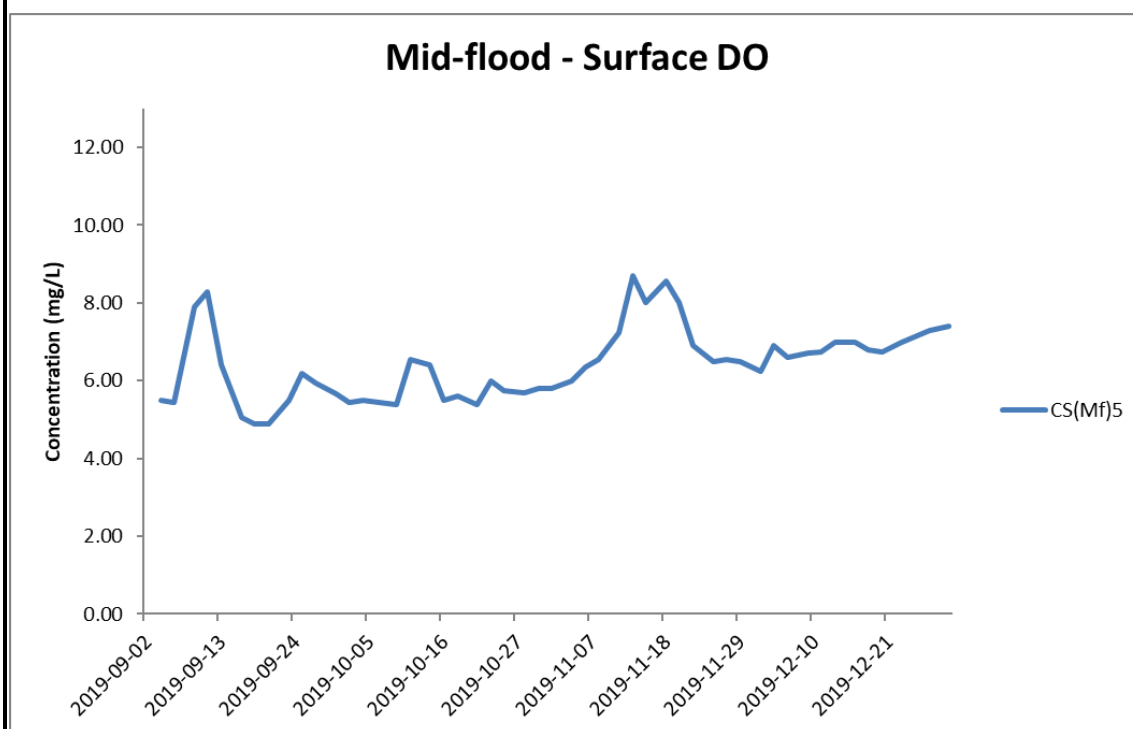
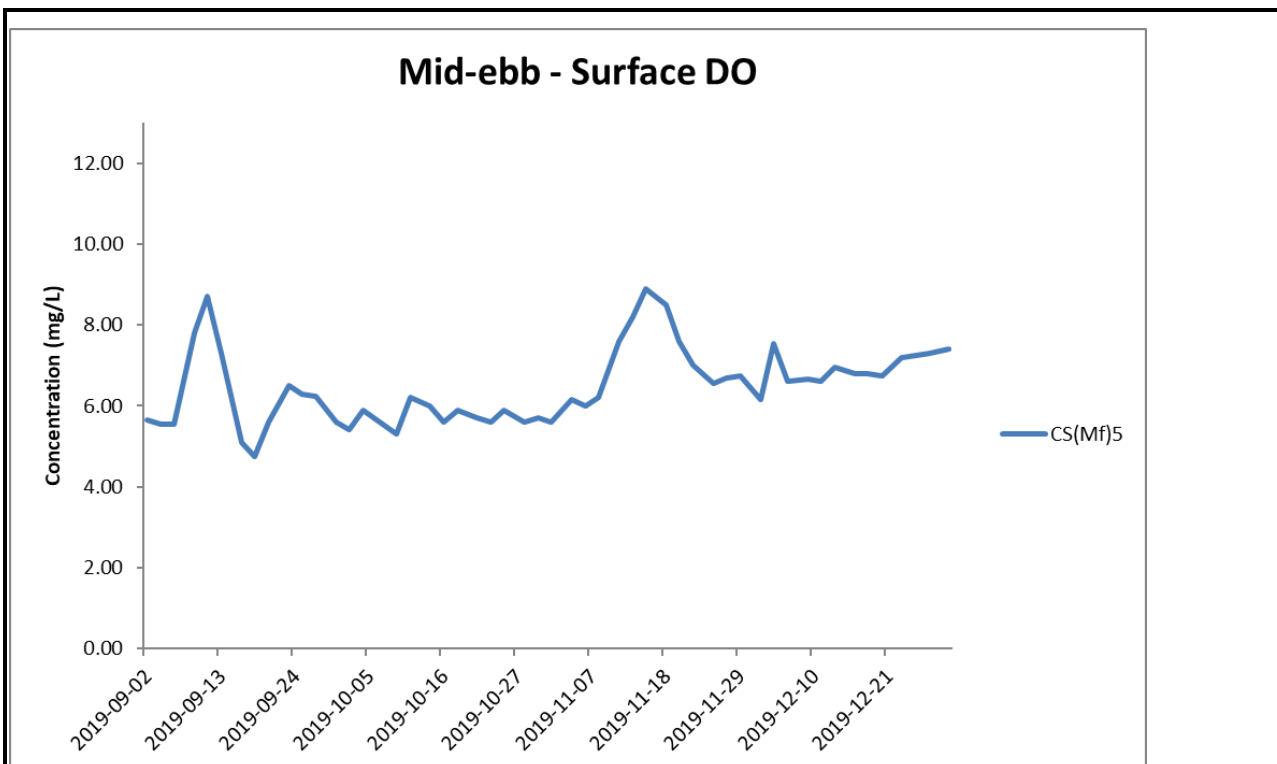


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J4 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

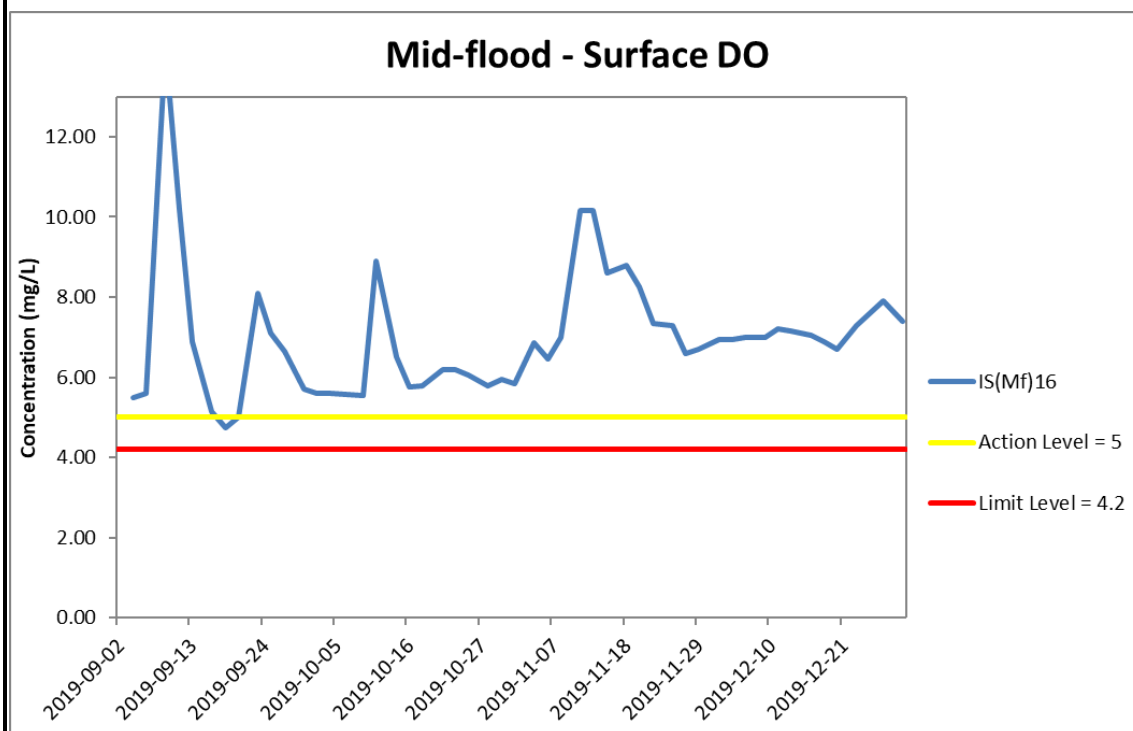
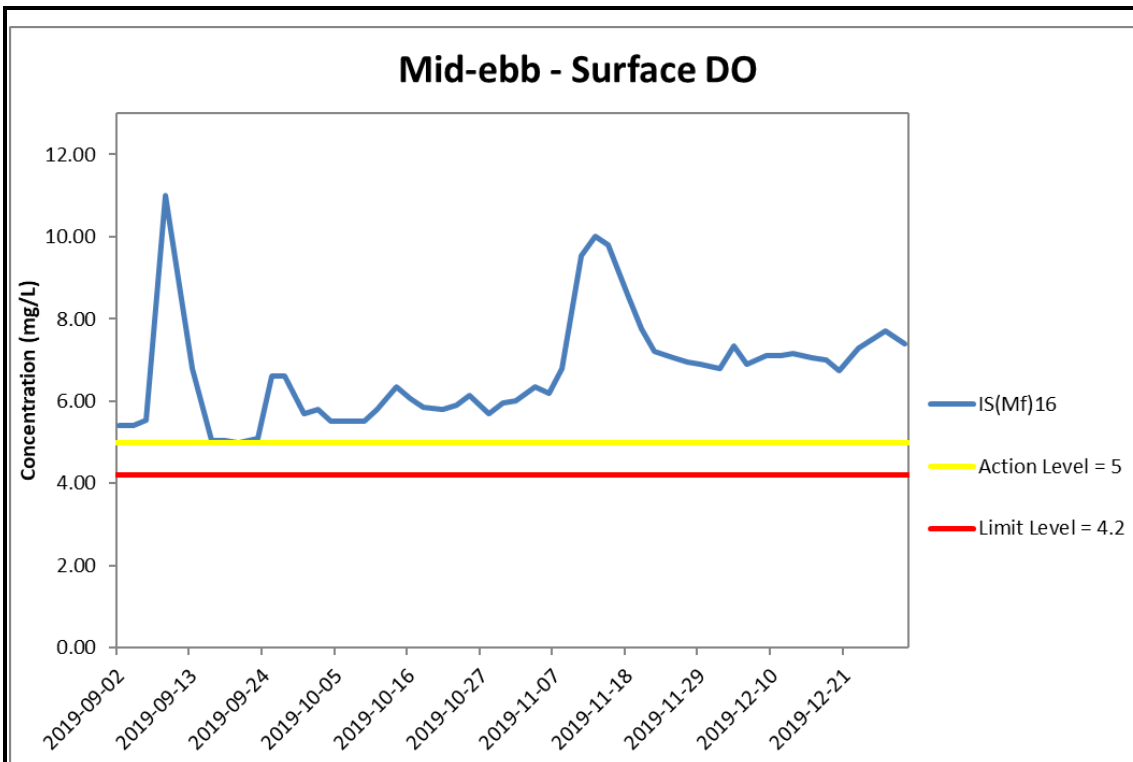


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J5 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

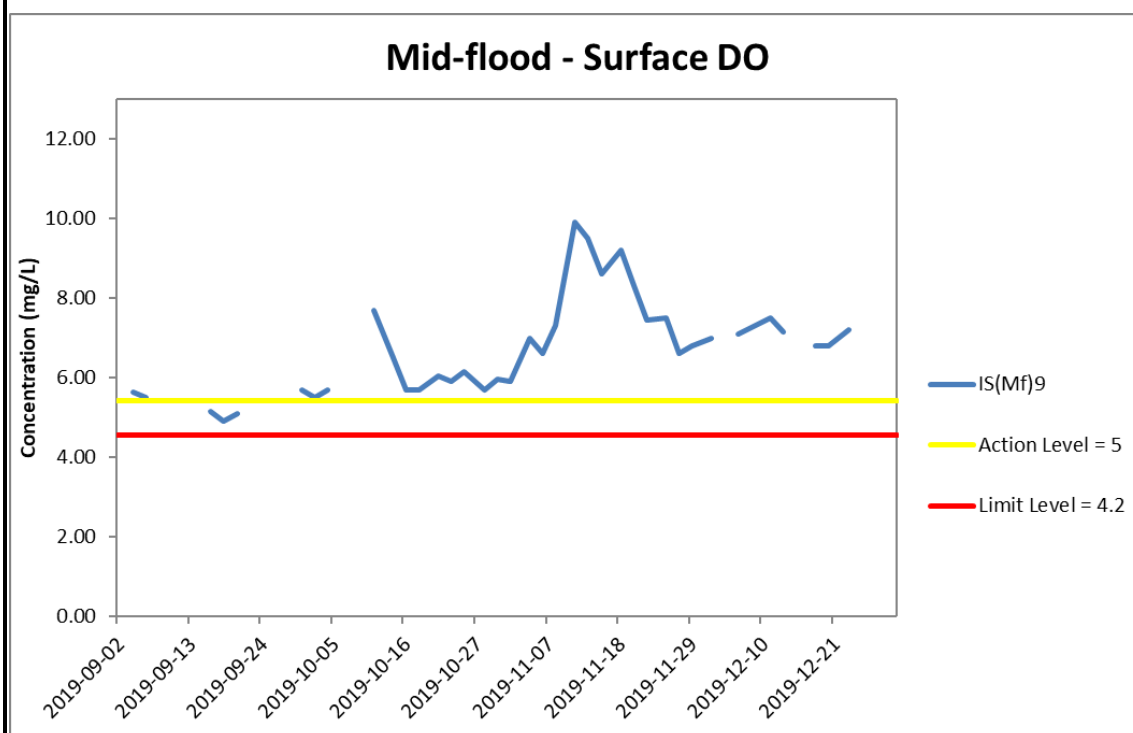
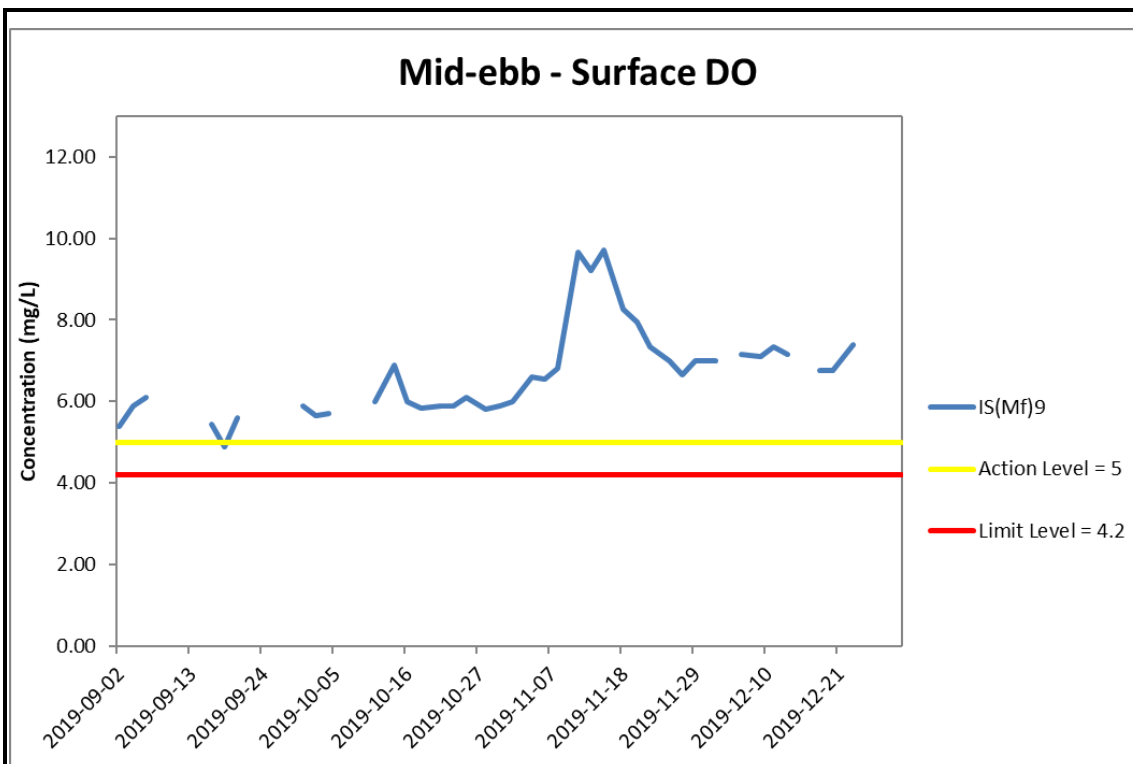


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J6 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



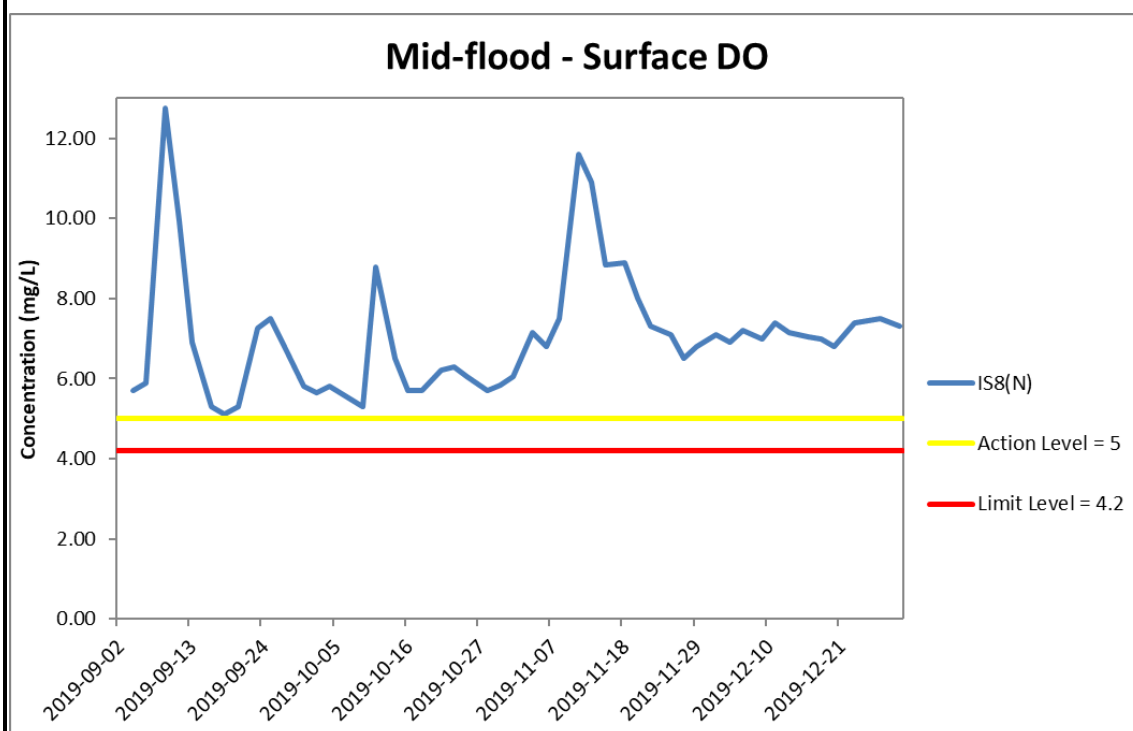
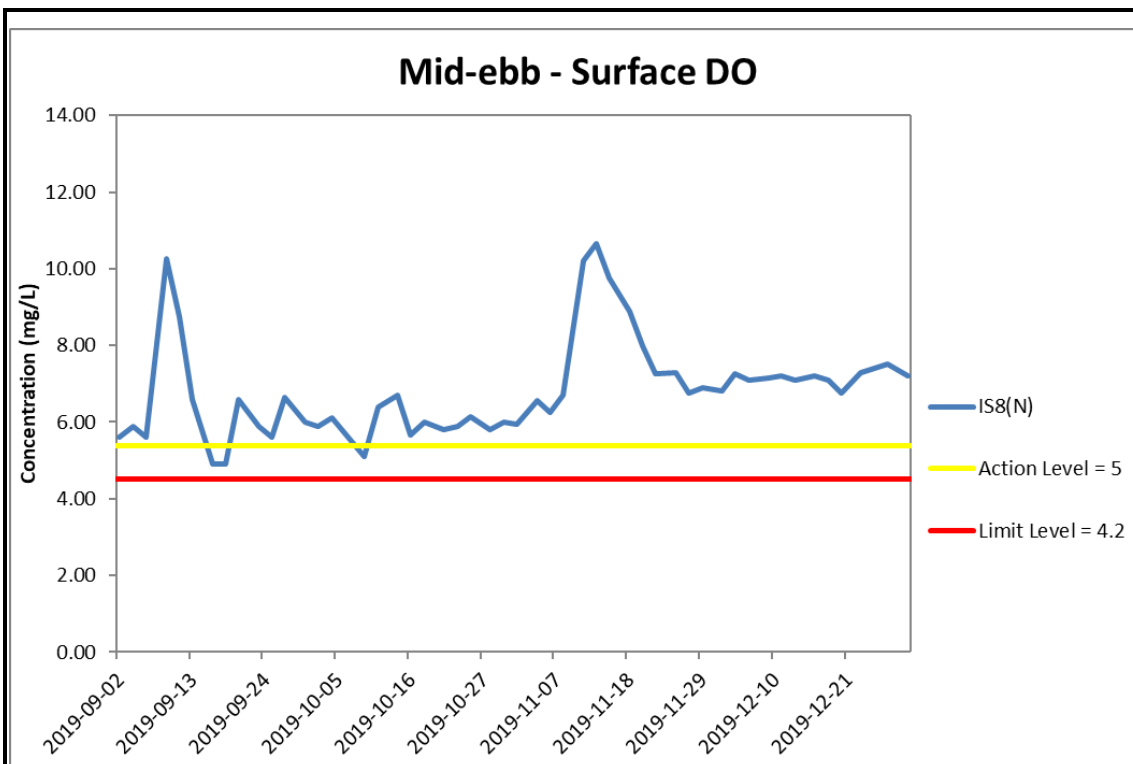
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J7 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



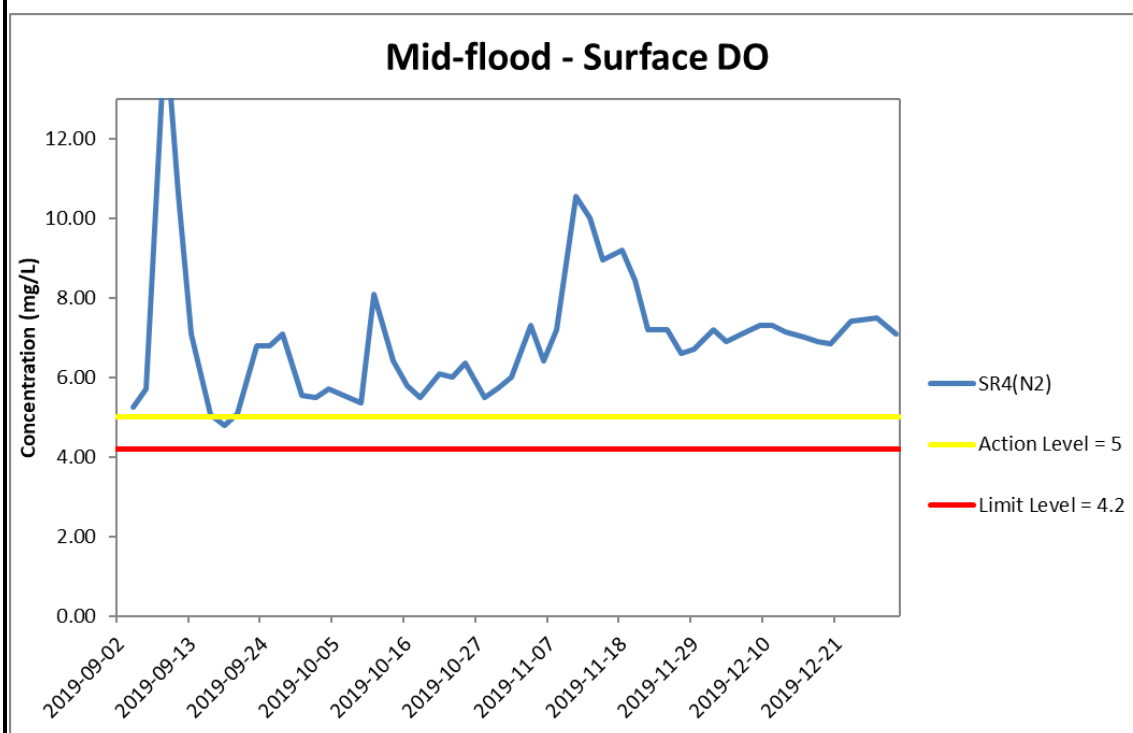
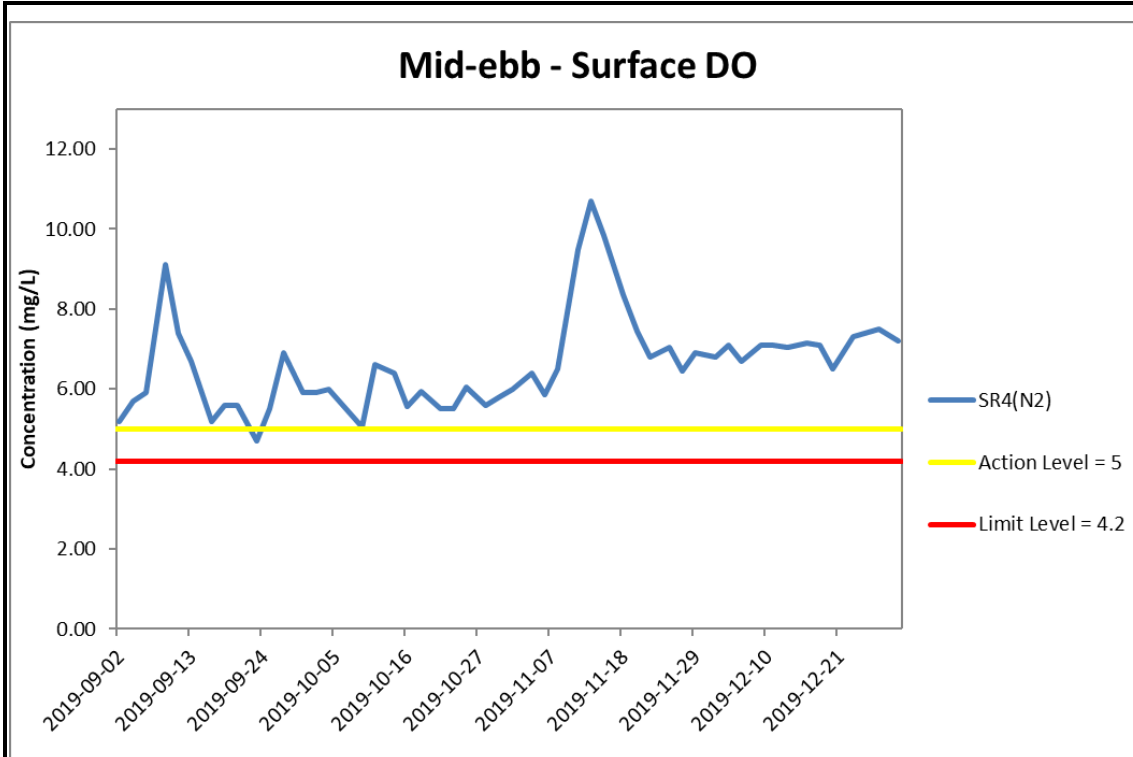


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J8 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

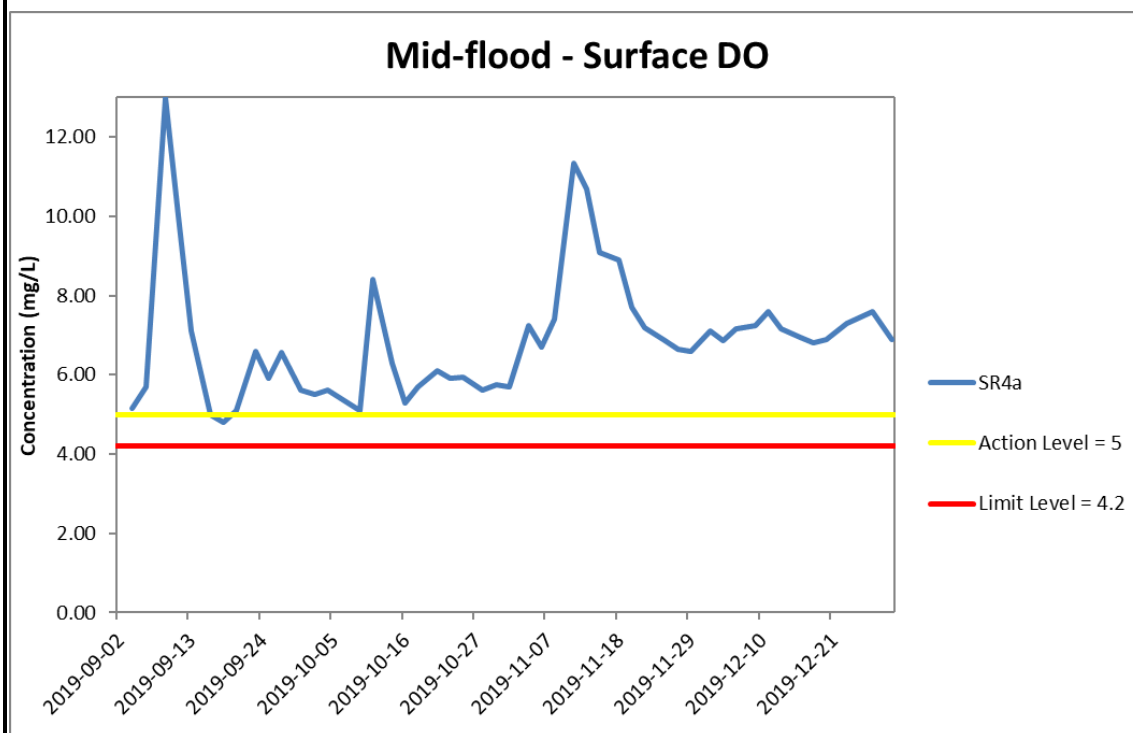
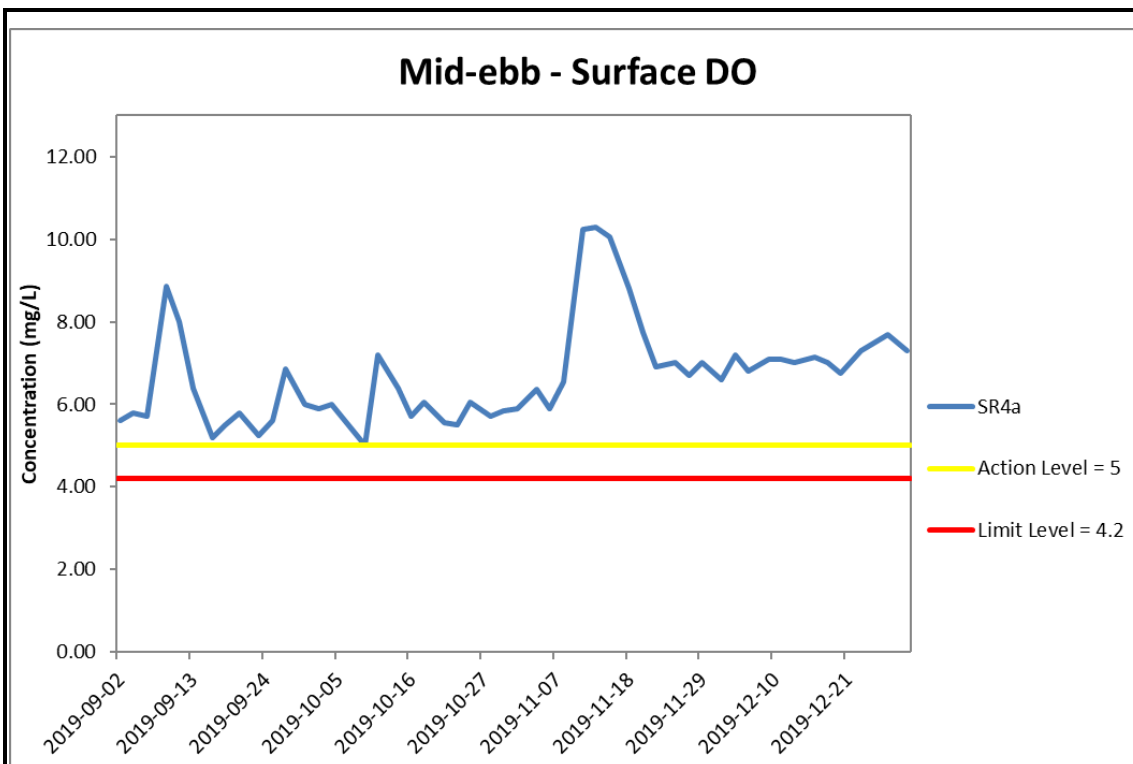


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J9 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

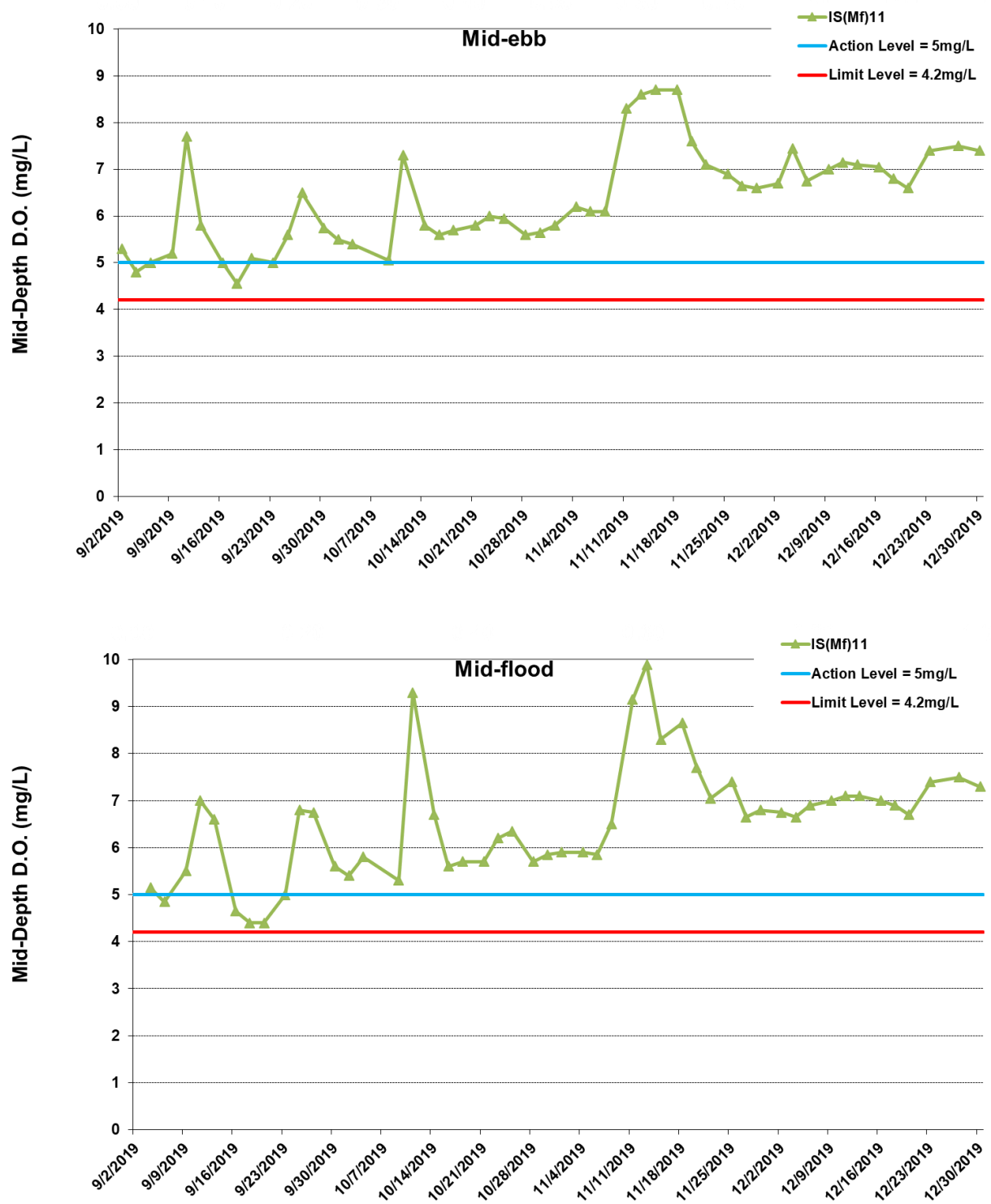


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J10 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



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

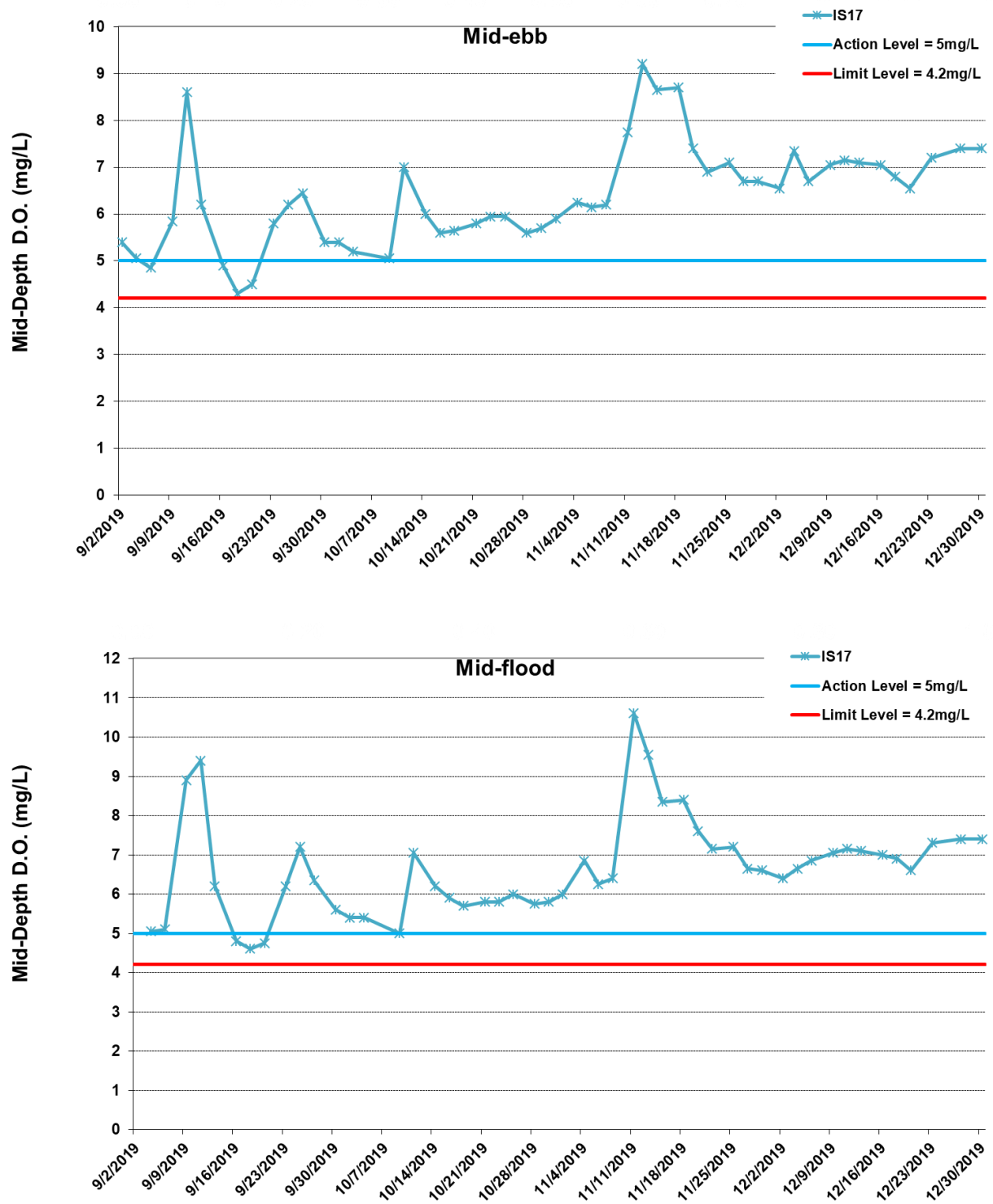
\*No data for Stations SR7 due to shallow water depth (< 6m).

\*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 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



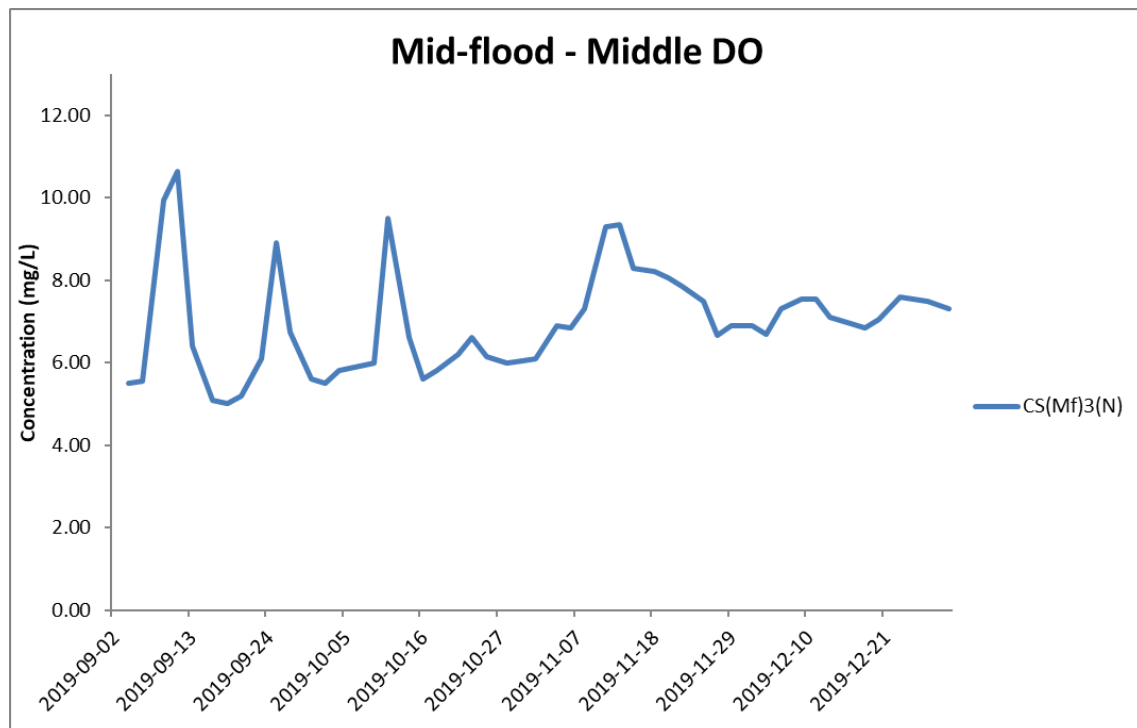
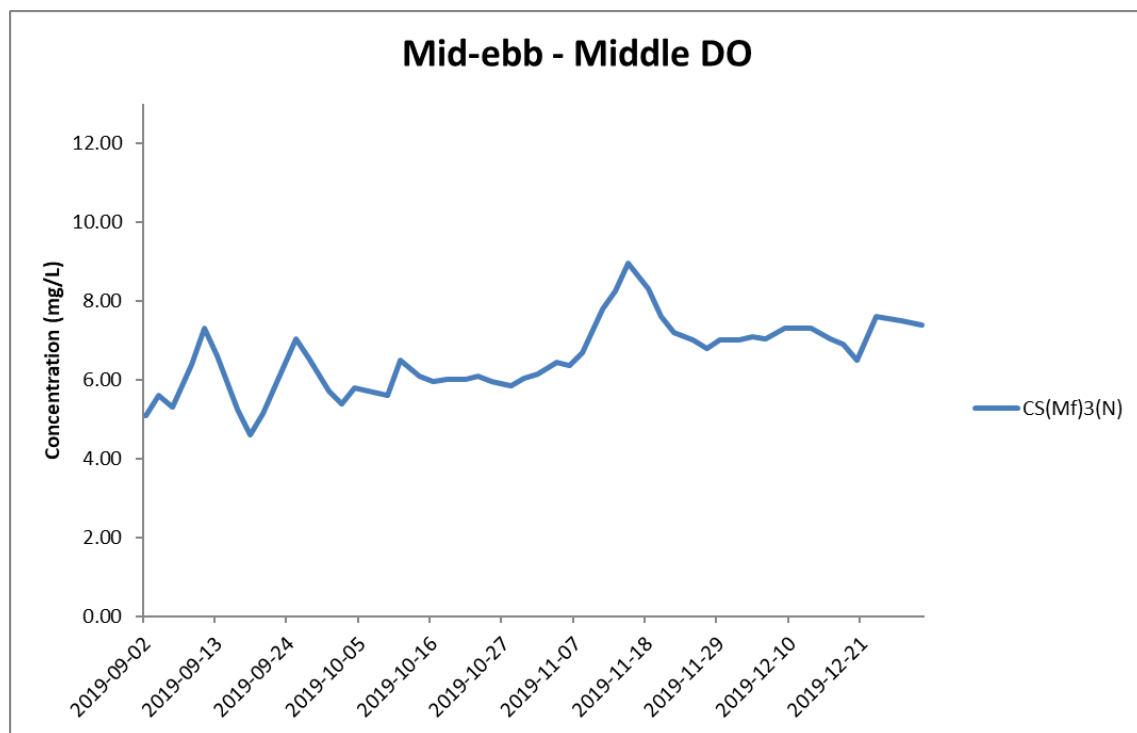
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 J12 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).**



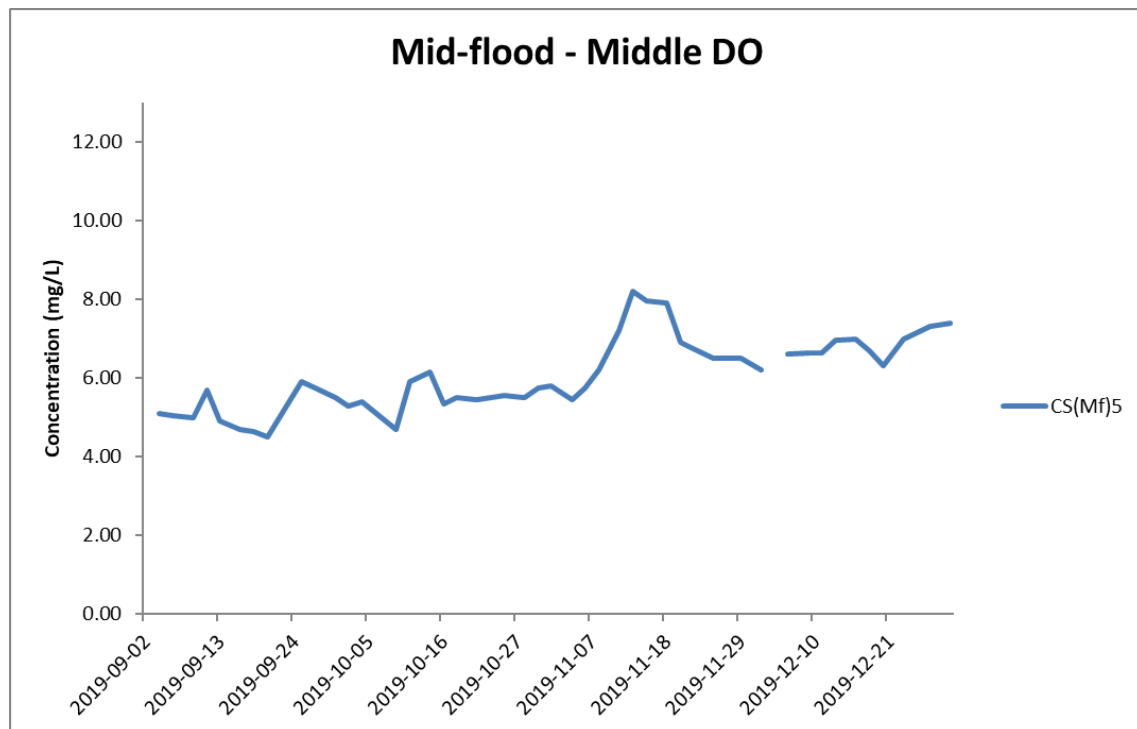
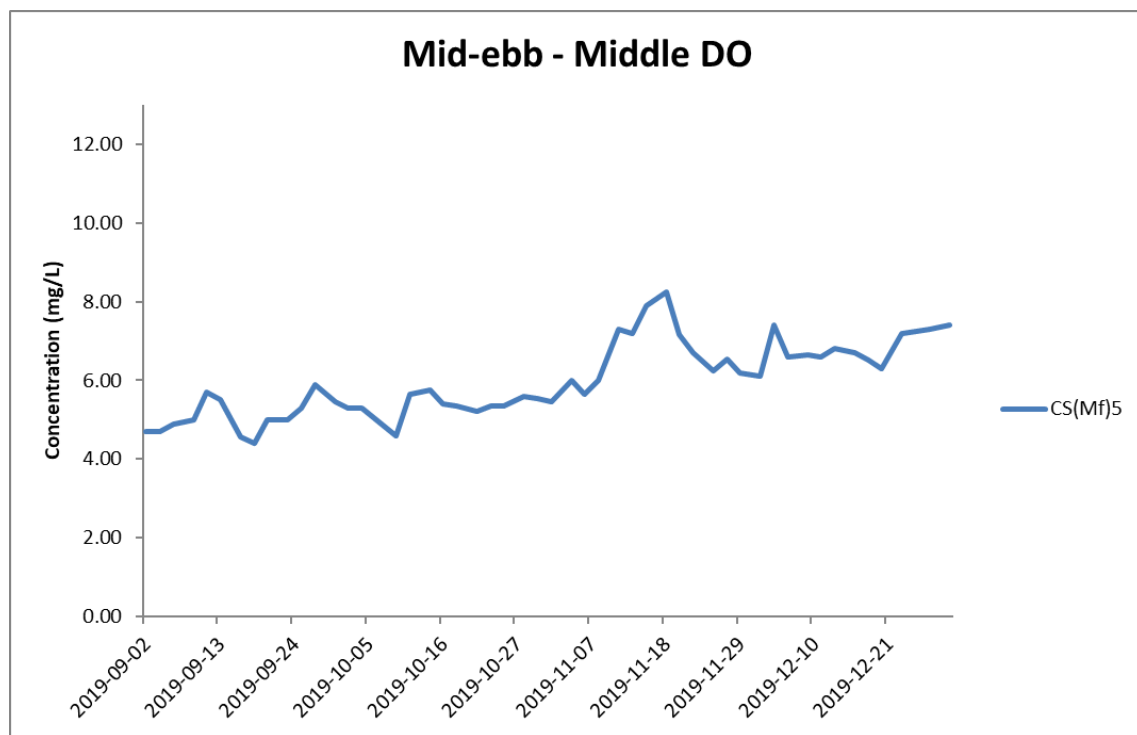


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J13 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

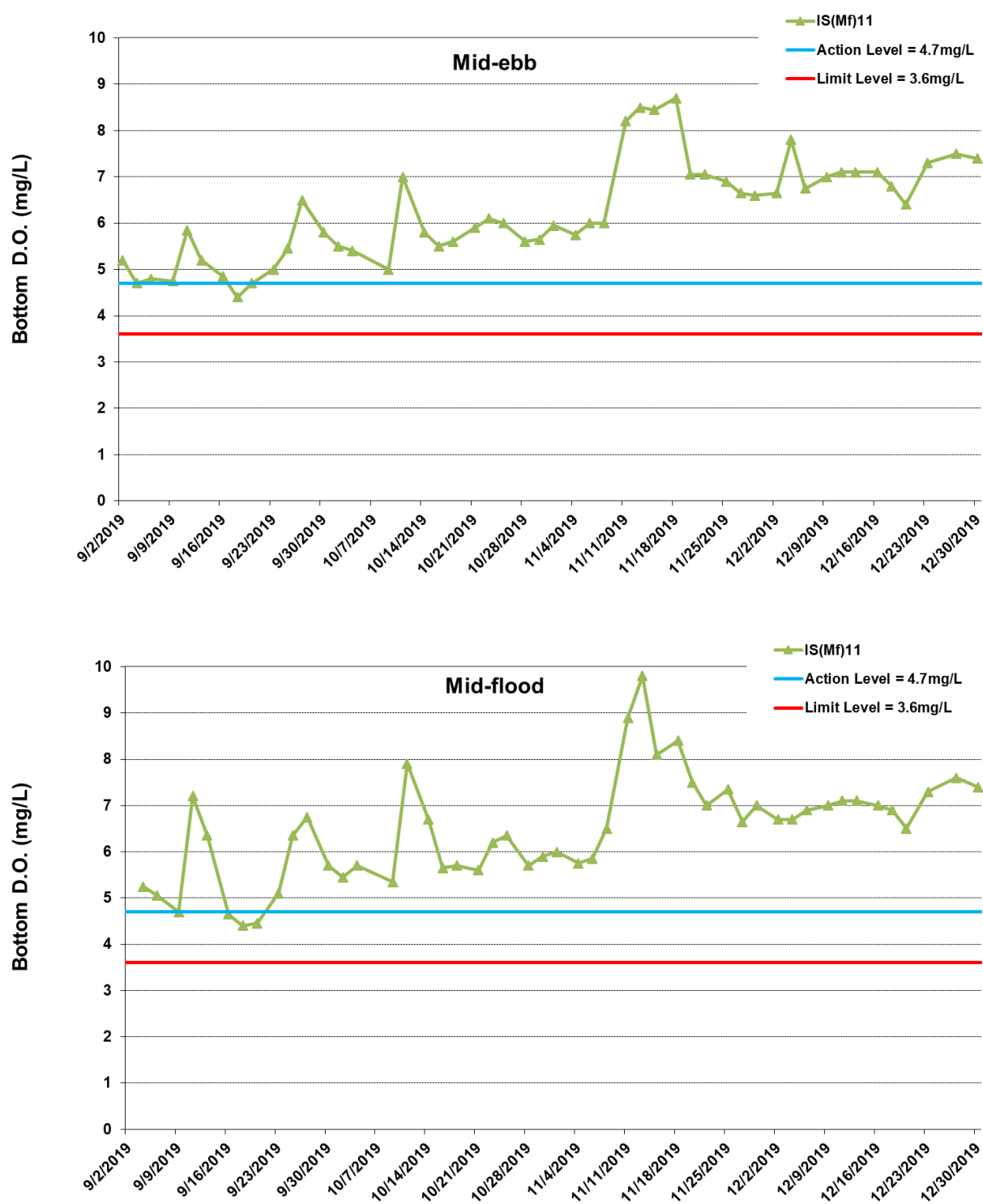


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J14 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



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

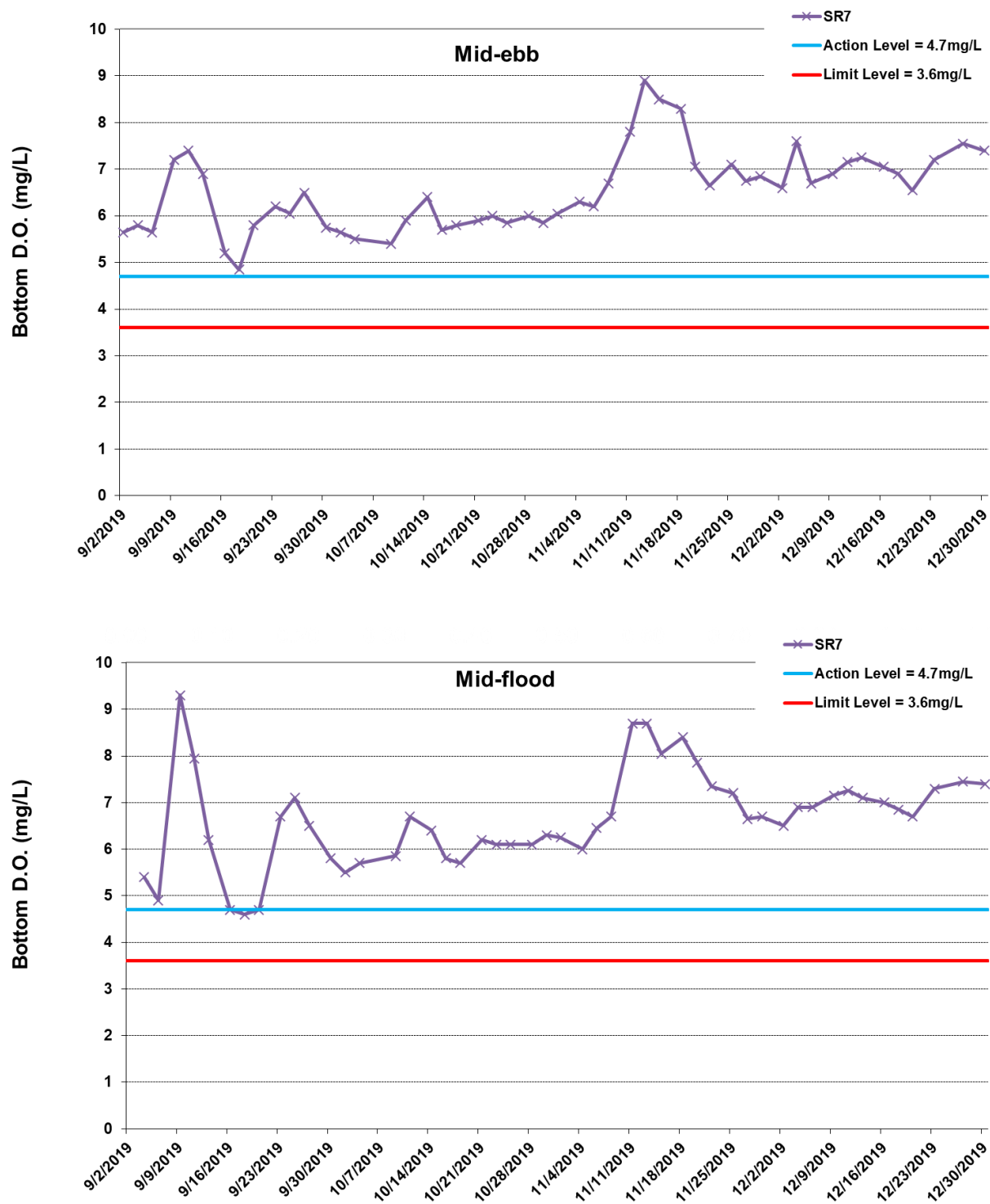
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J15 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls





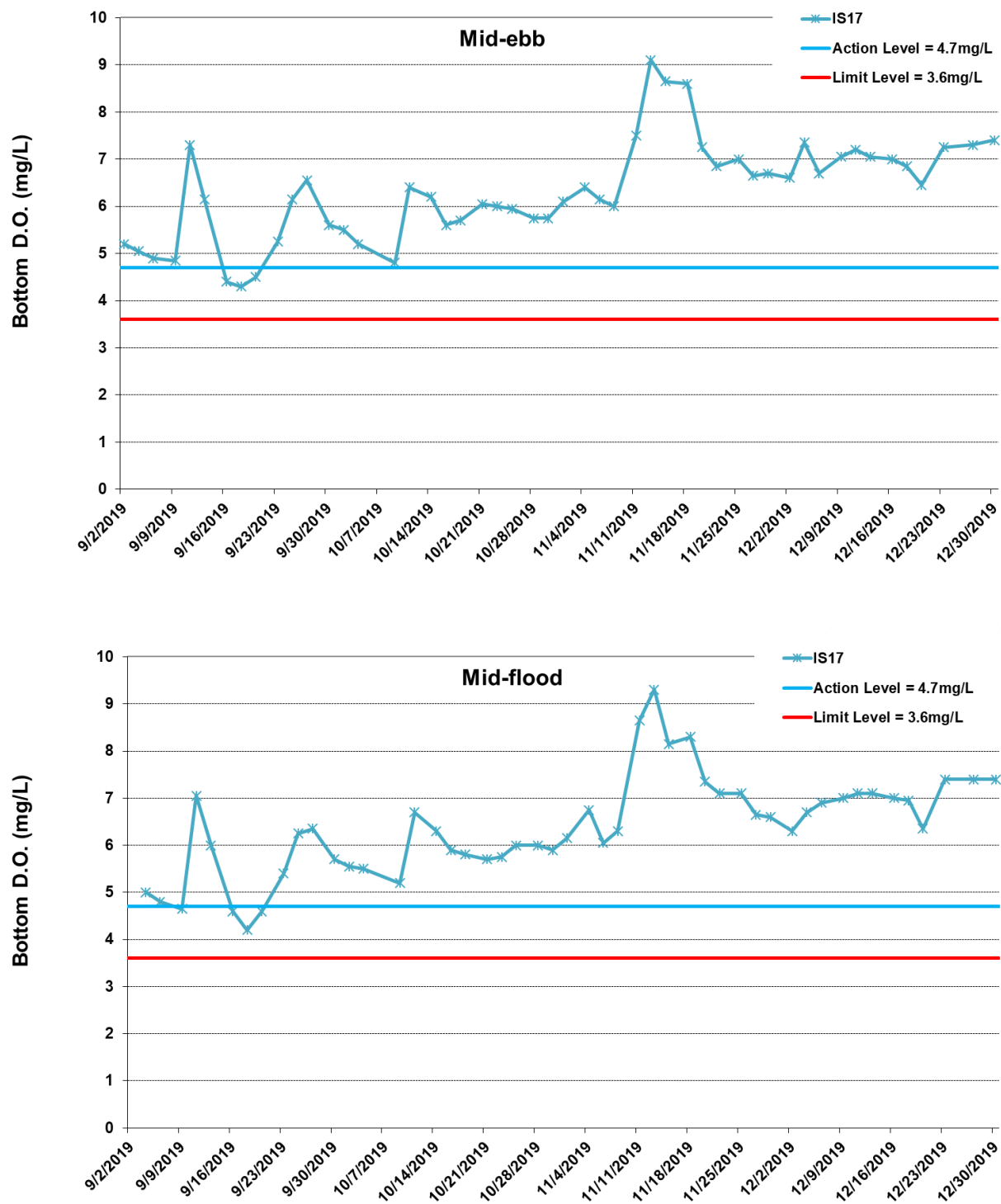
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



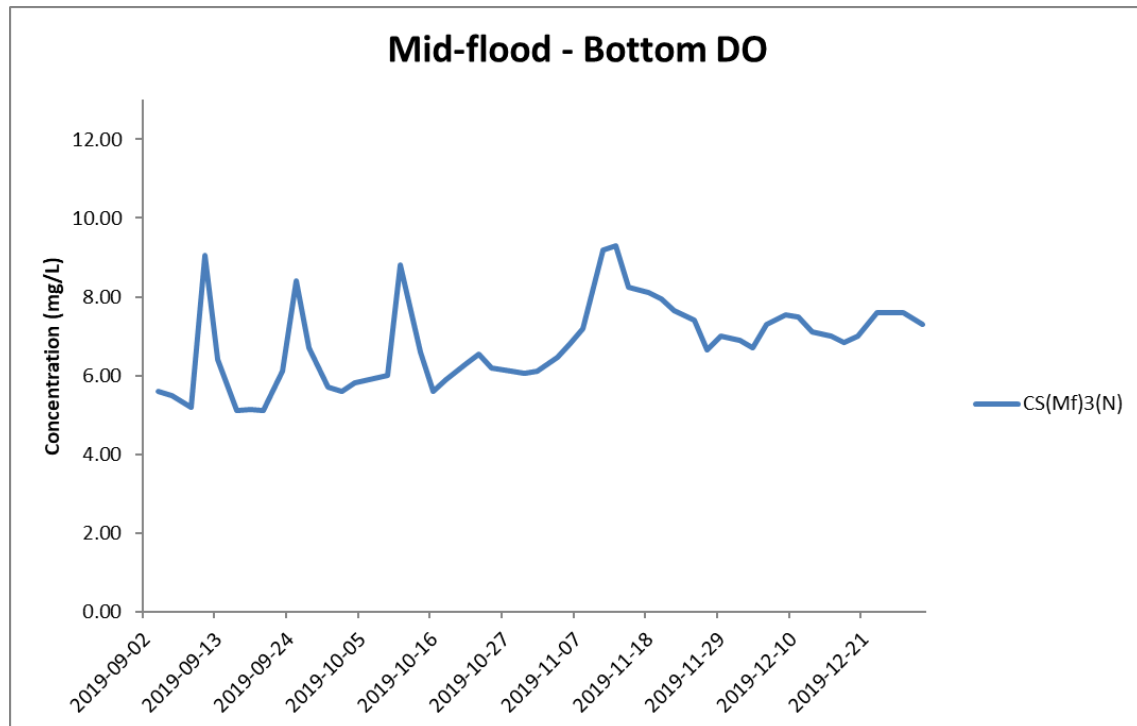
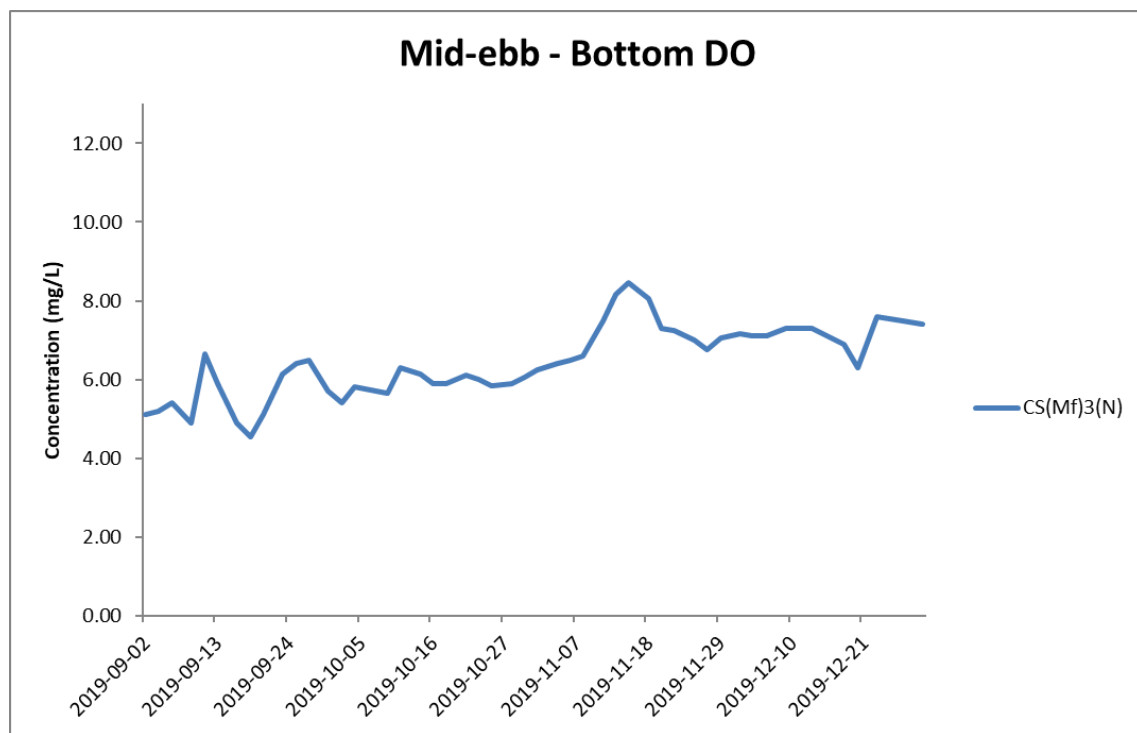
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

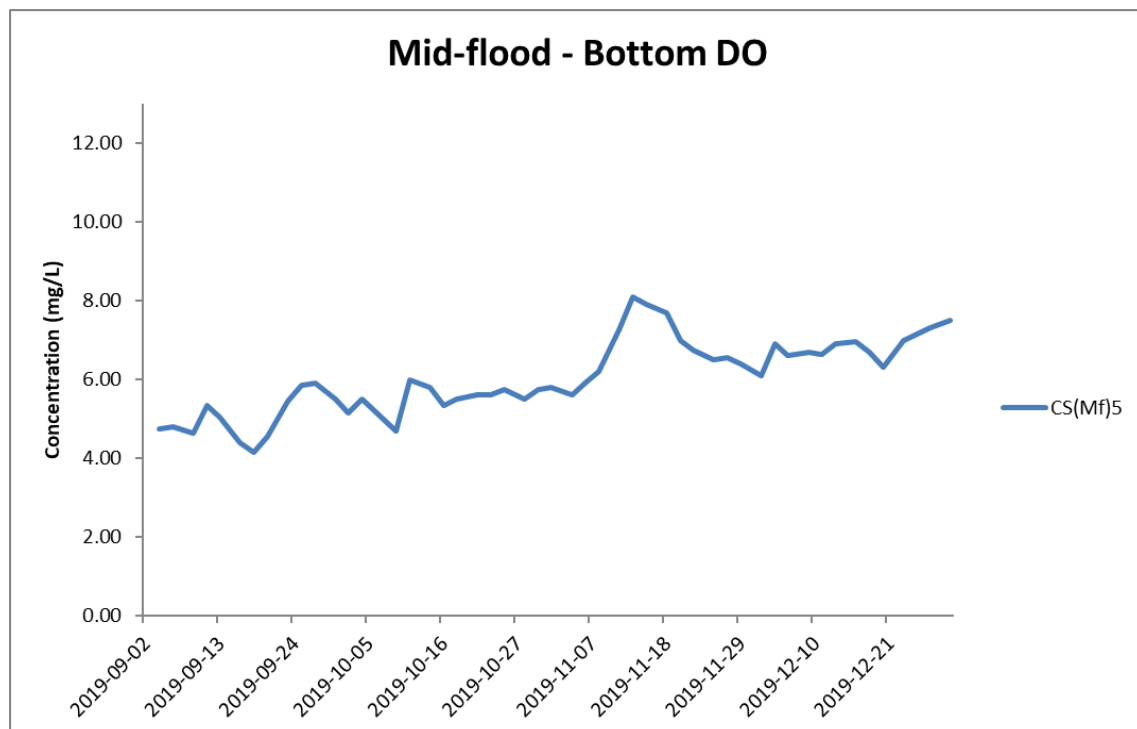
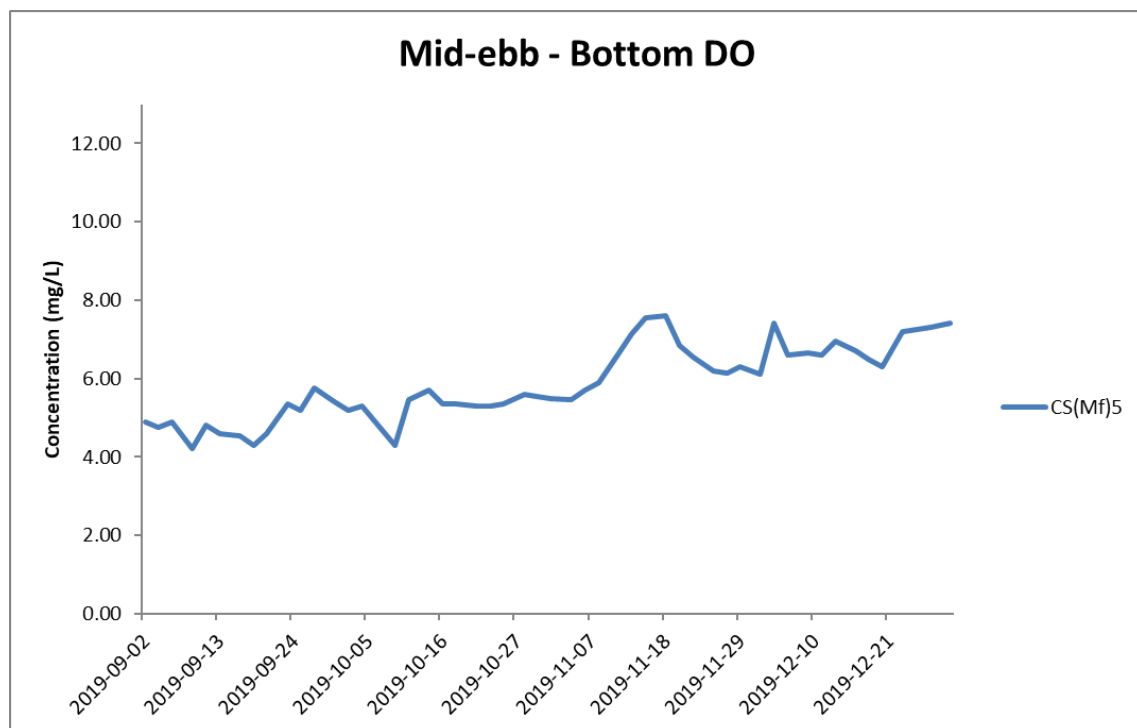


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J18 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

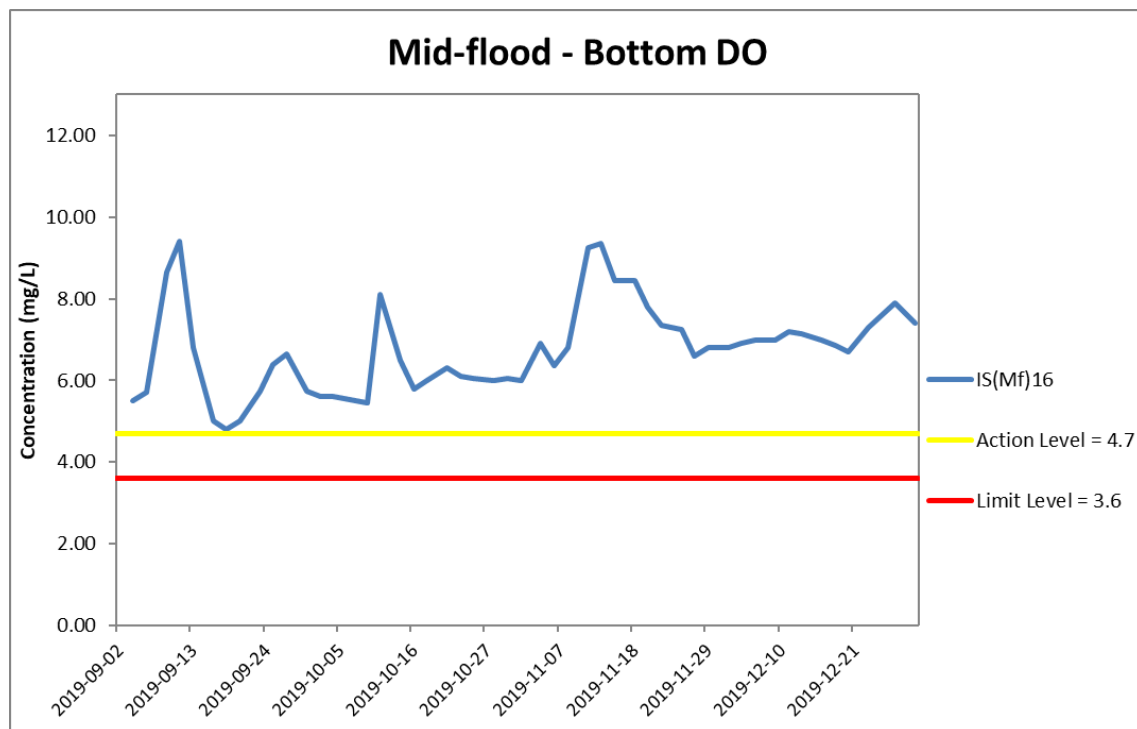
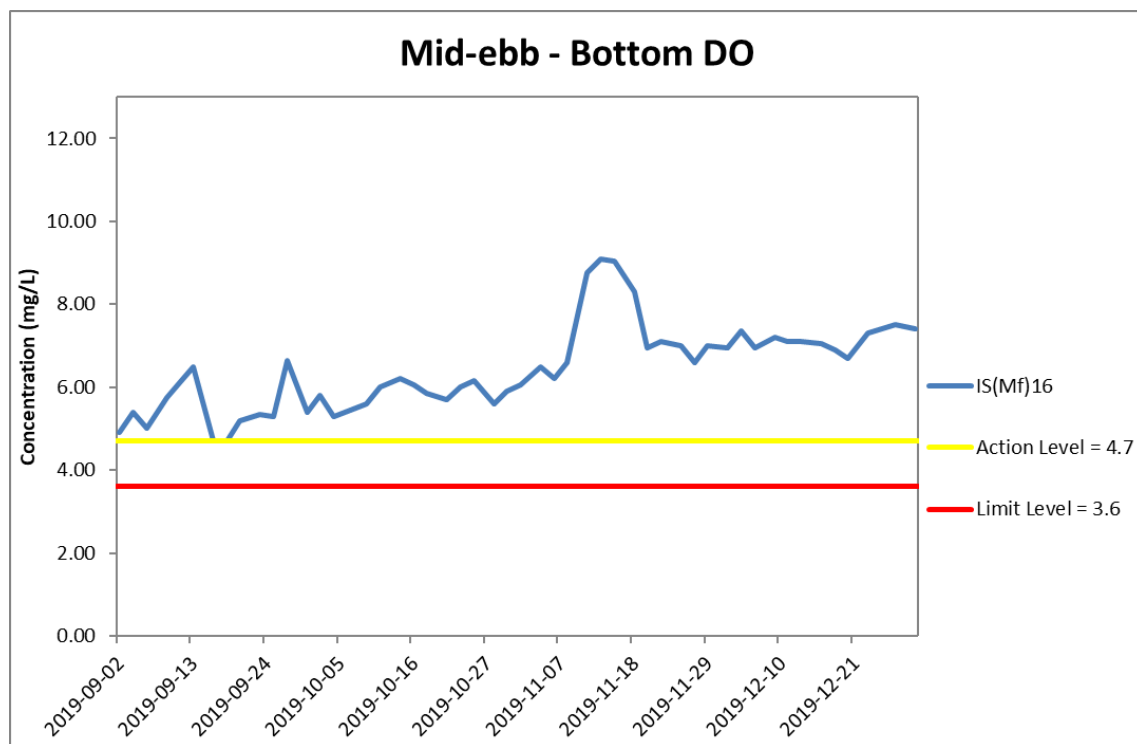


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J19 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

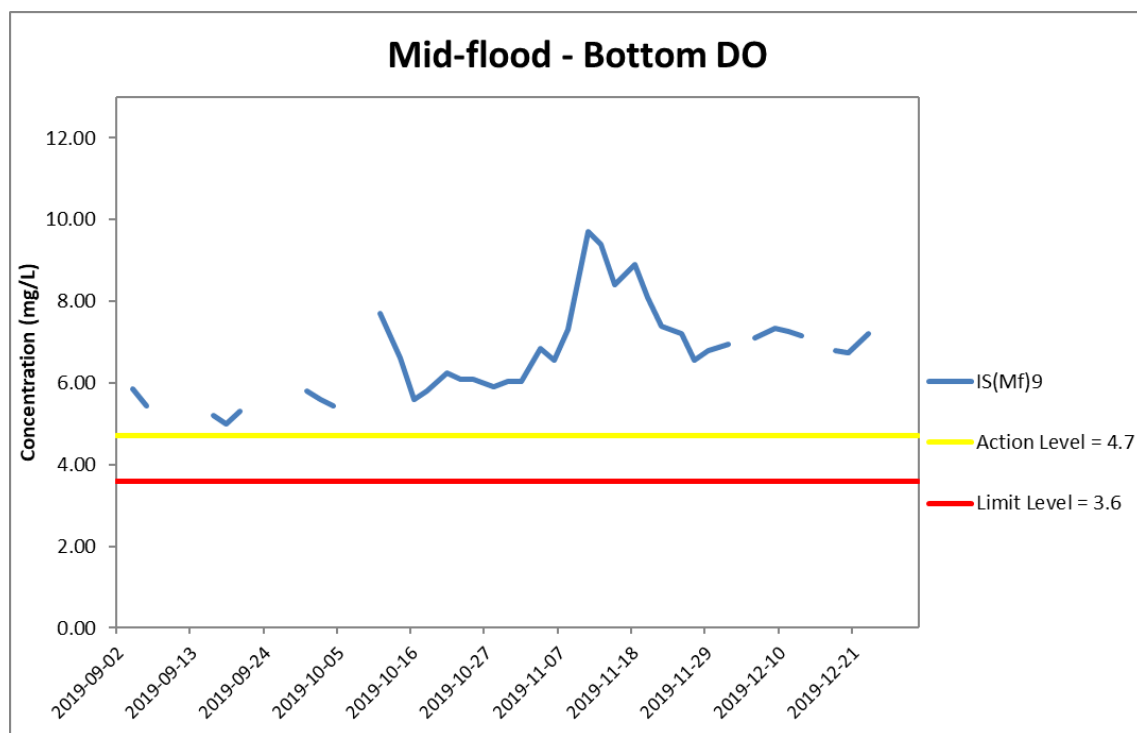
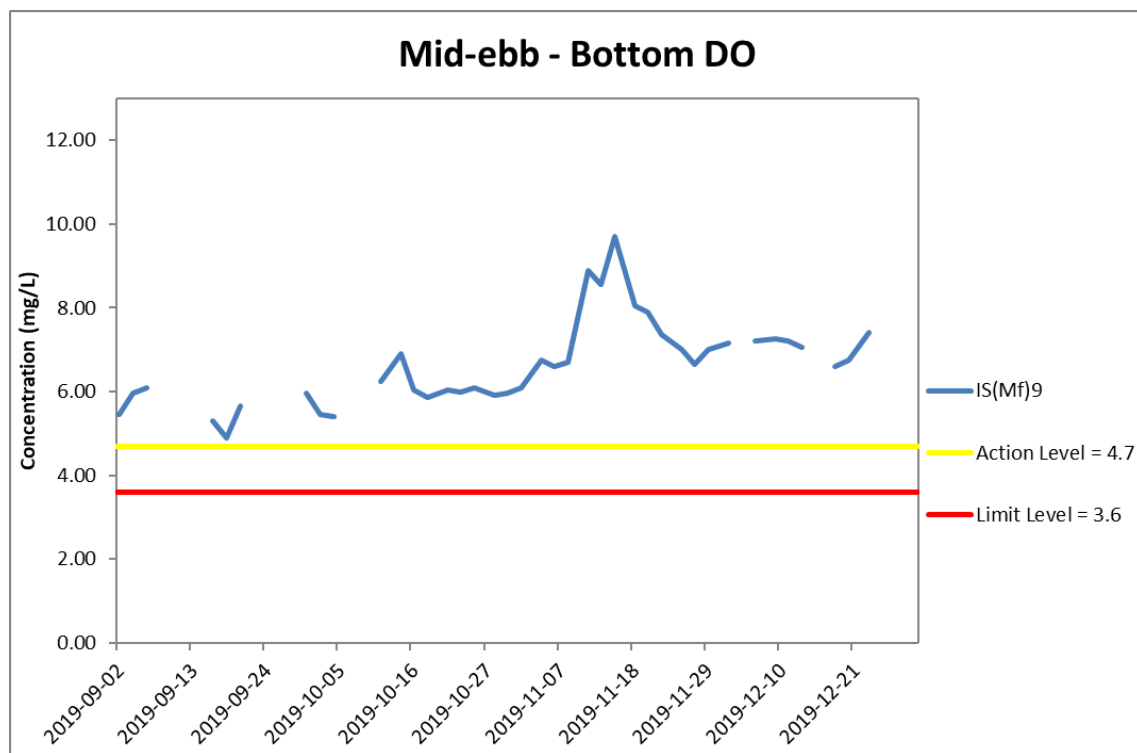


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J20 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

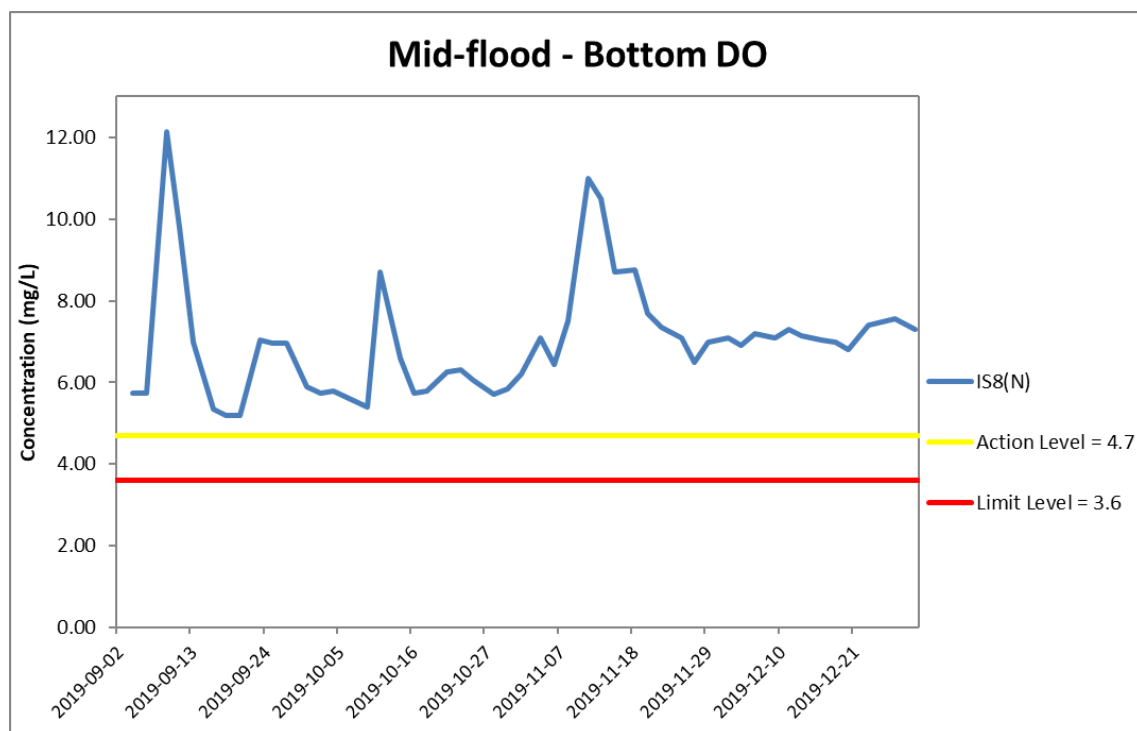
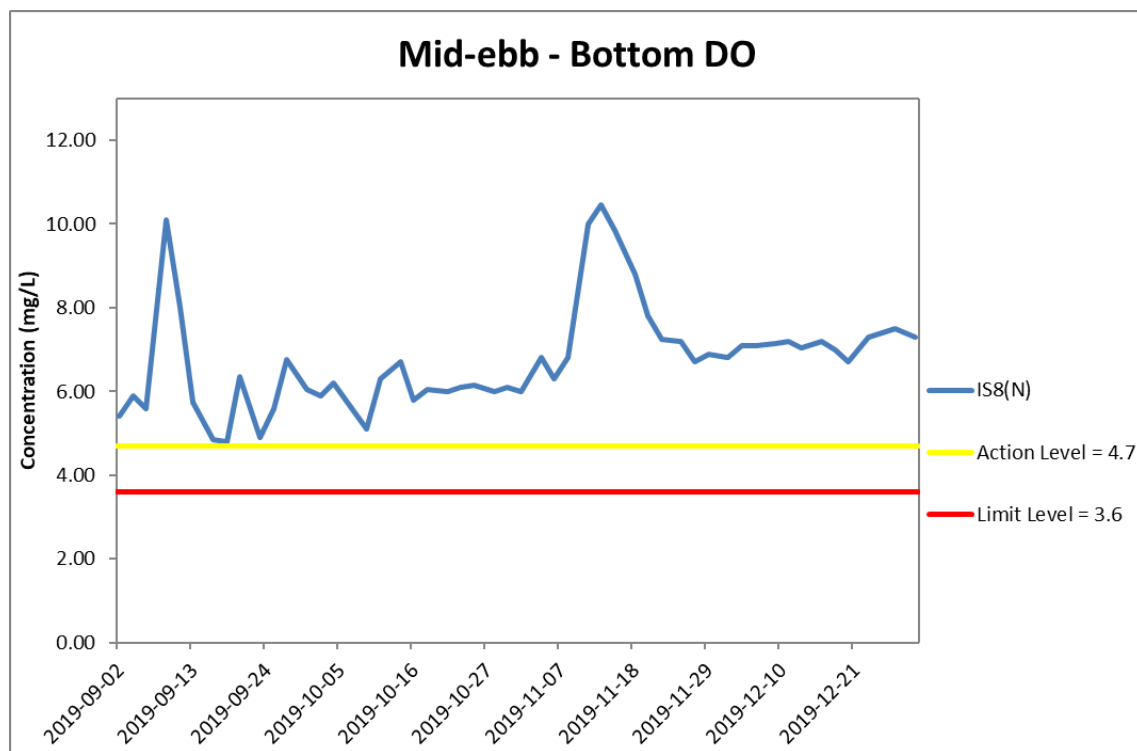


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J21 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

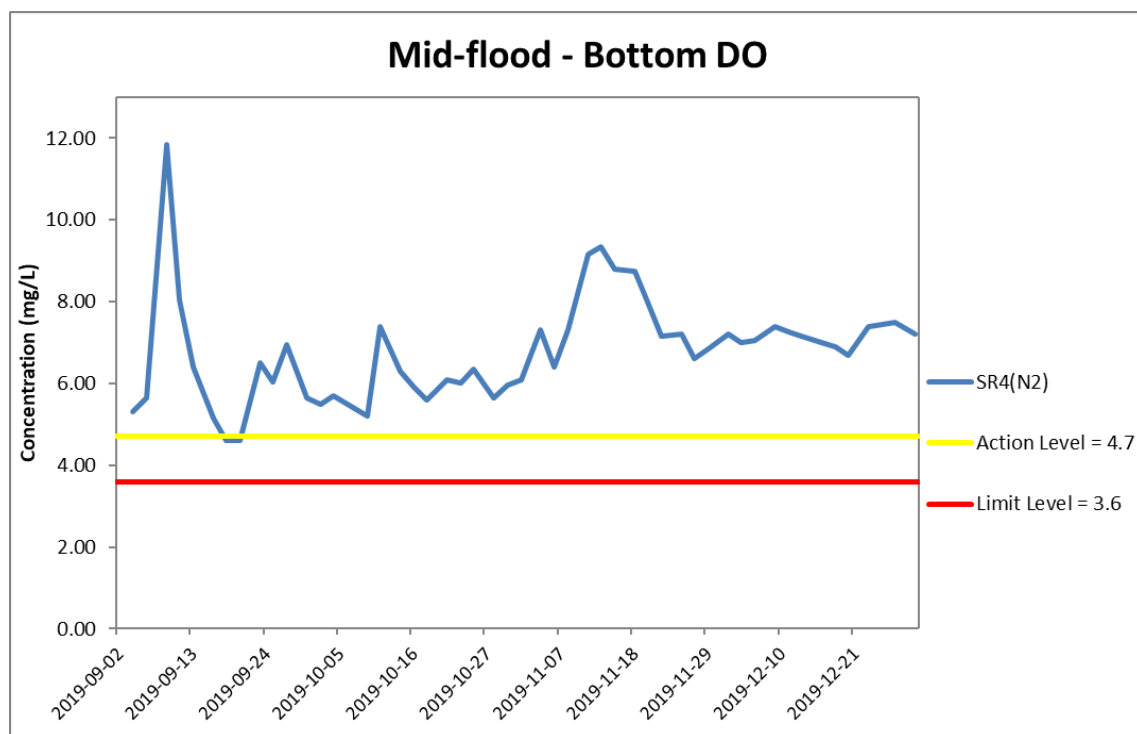
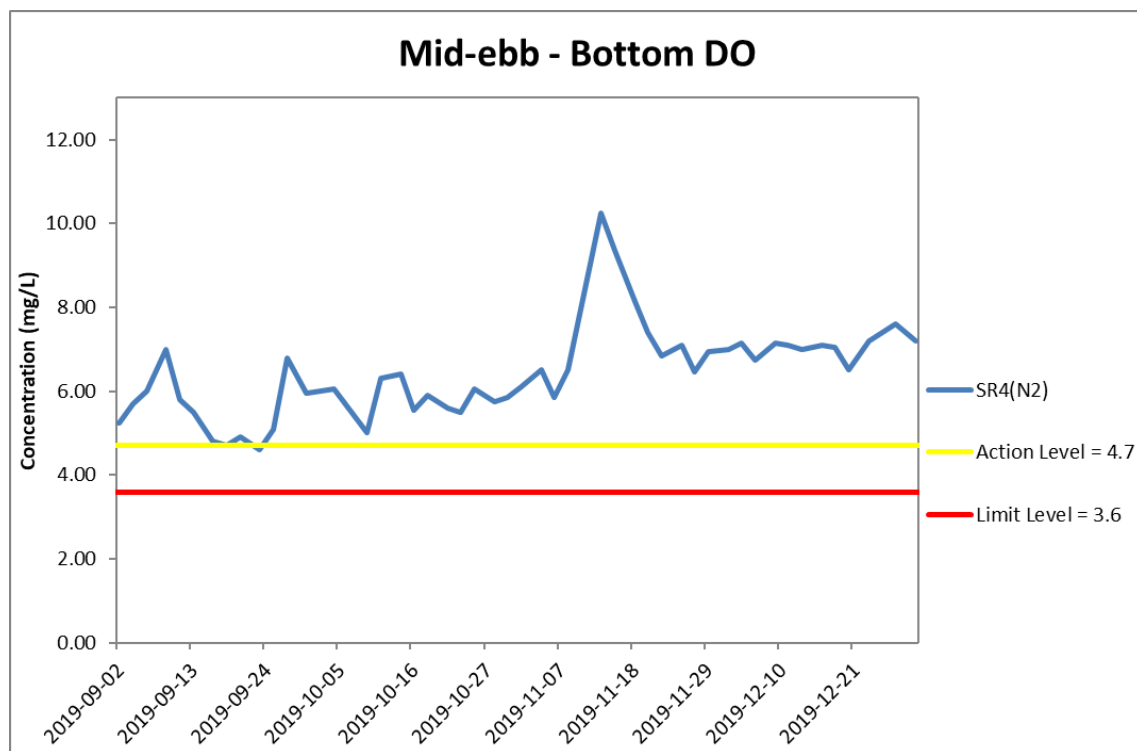


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J22 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



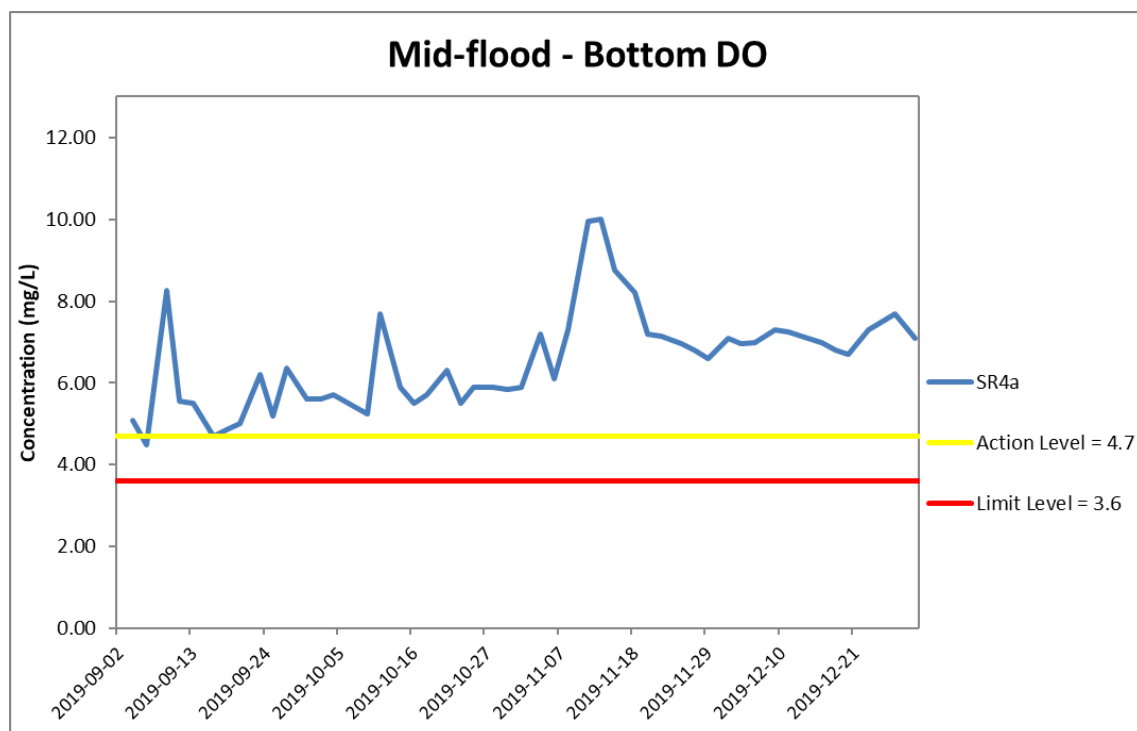
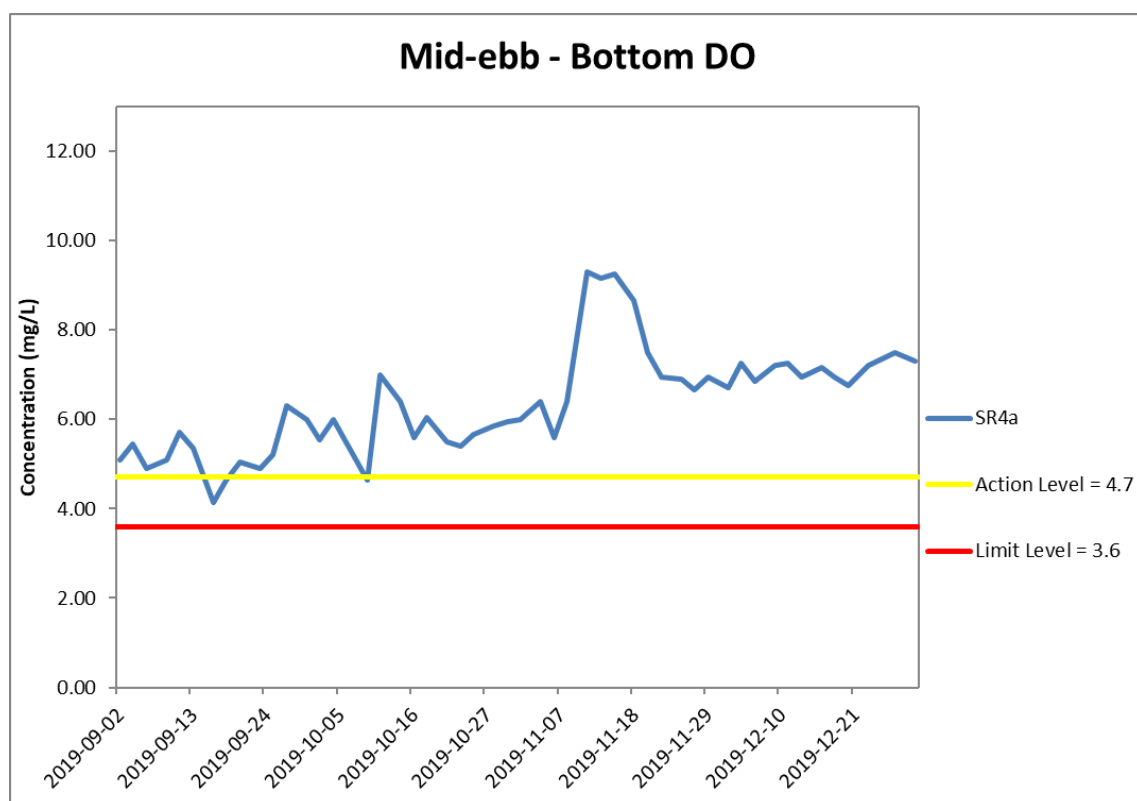
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J23 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



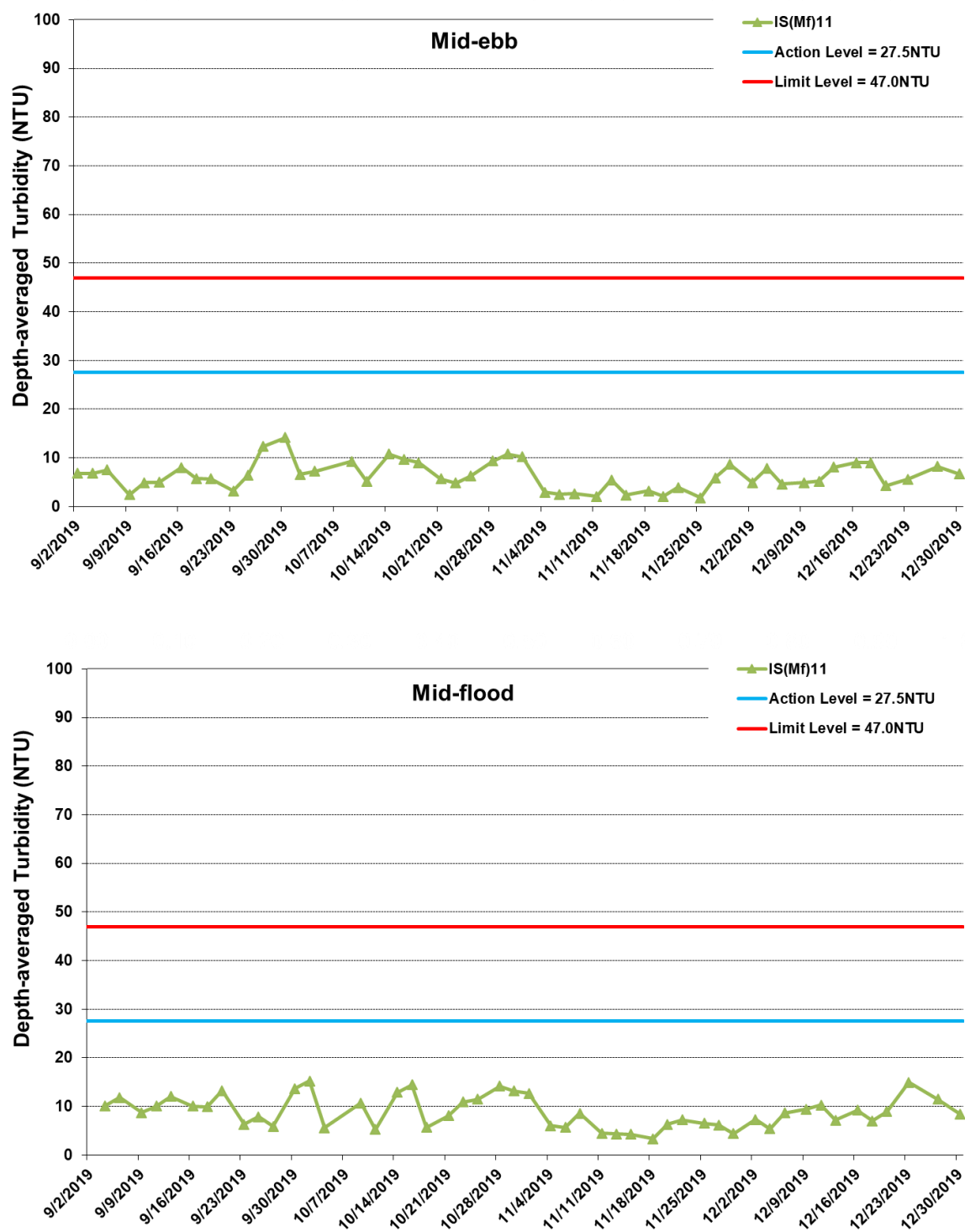


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J24 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 September 2019 and 31 December 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 (1/9/2019 - 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

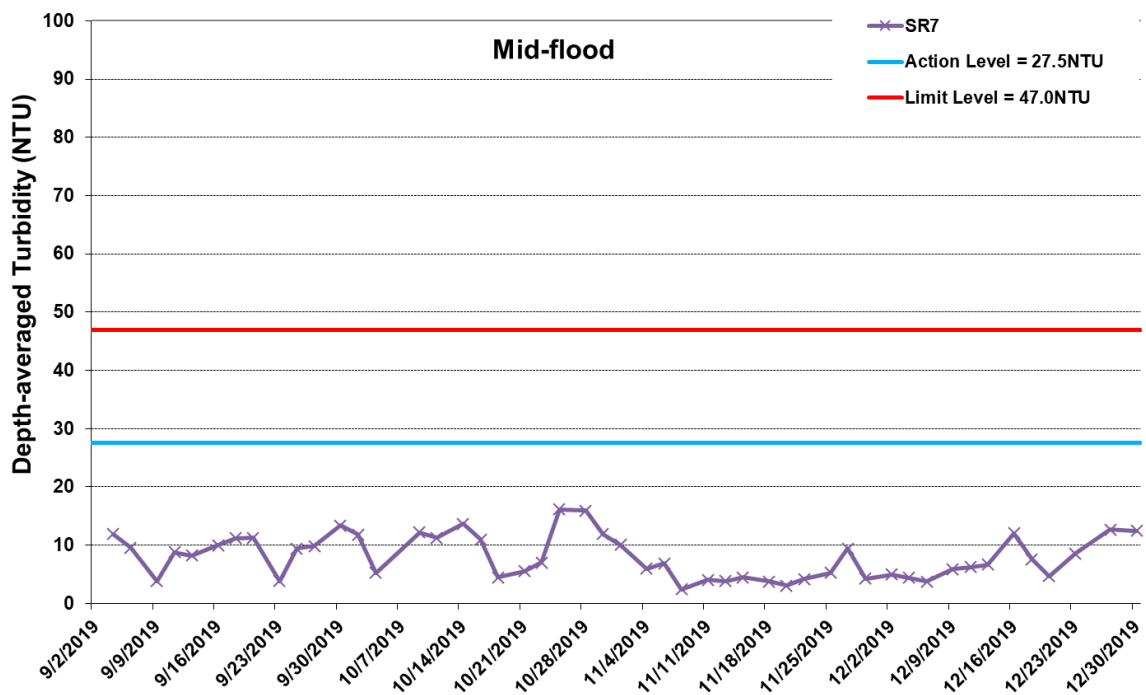
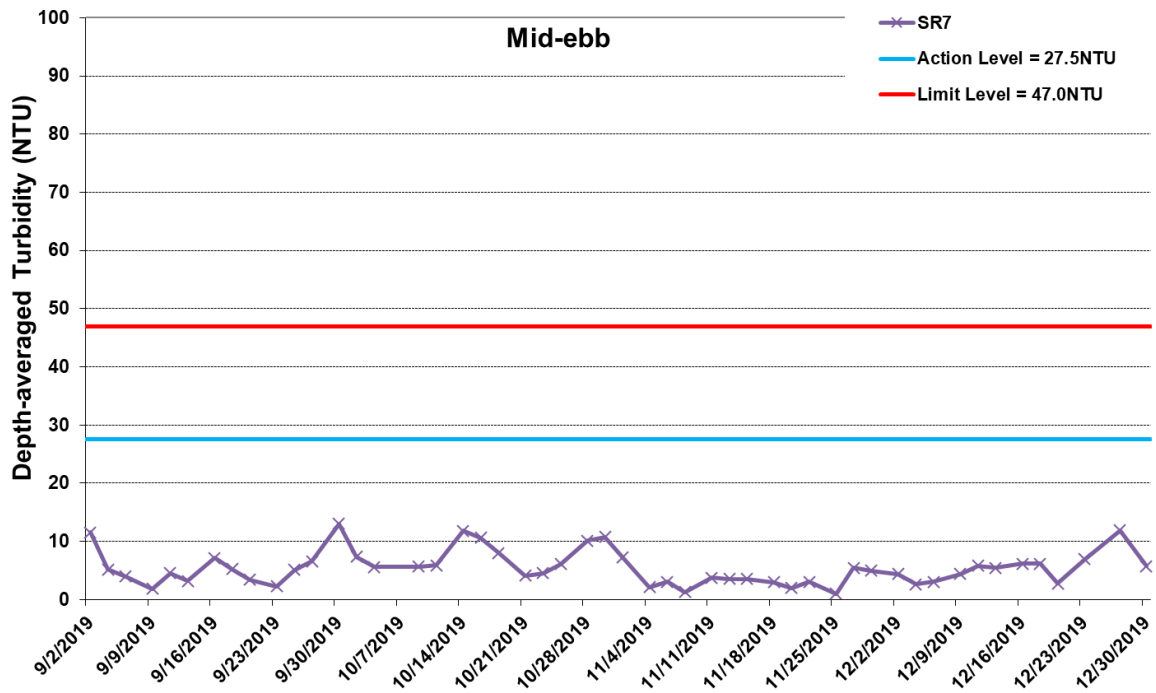


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J25 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).**



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

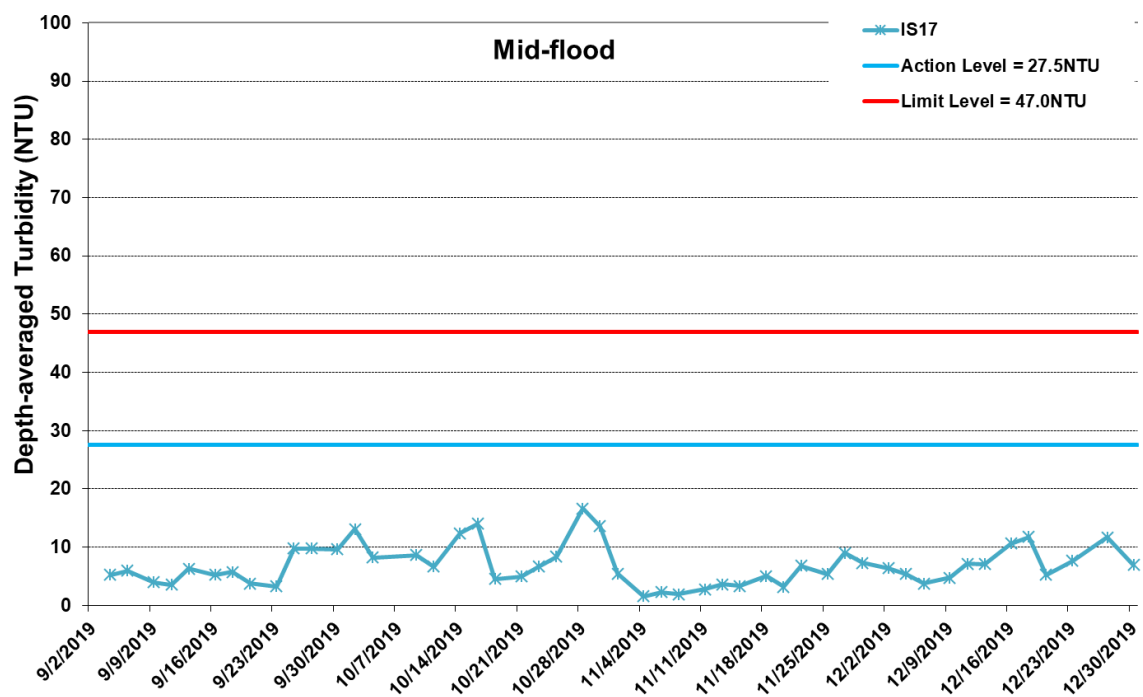
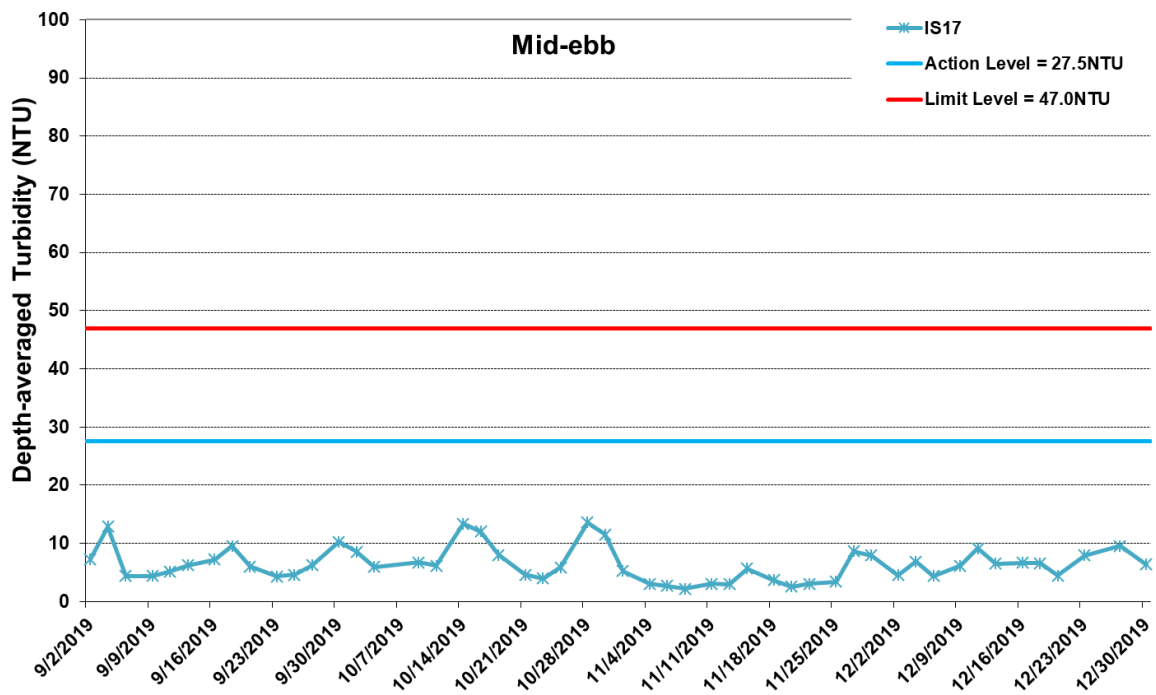


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J26 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



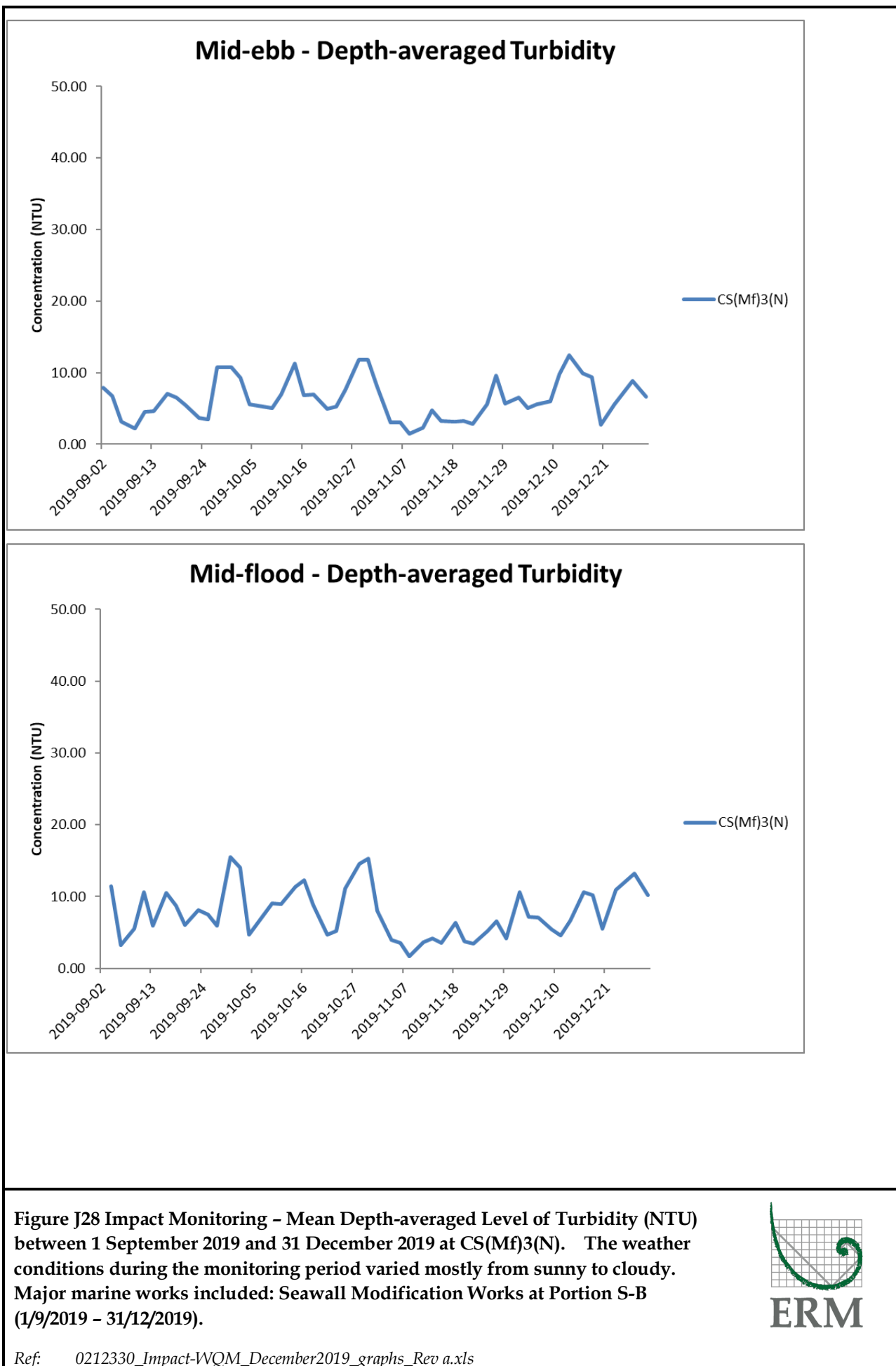


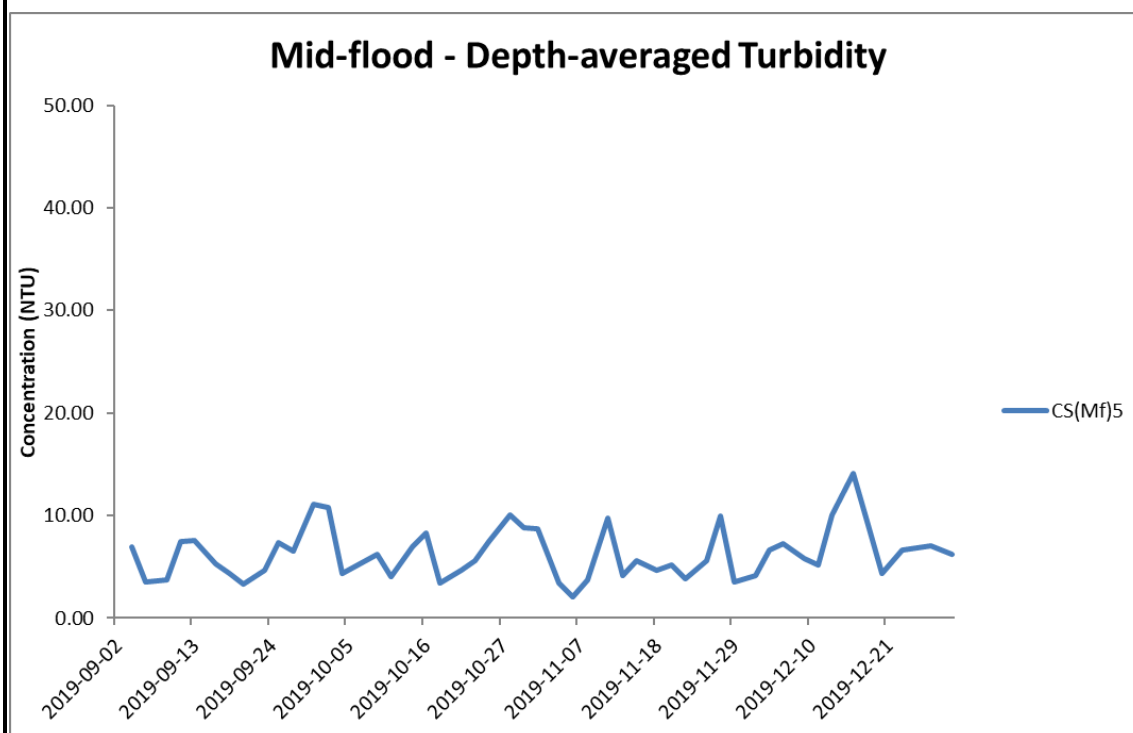
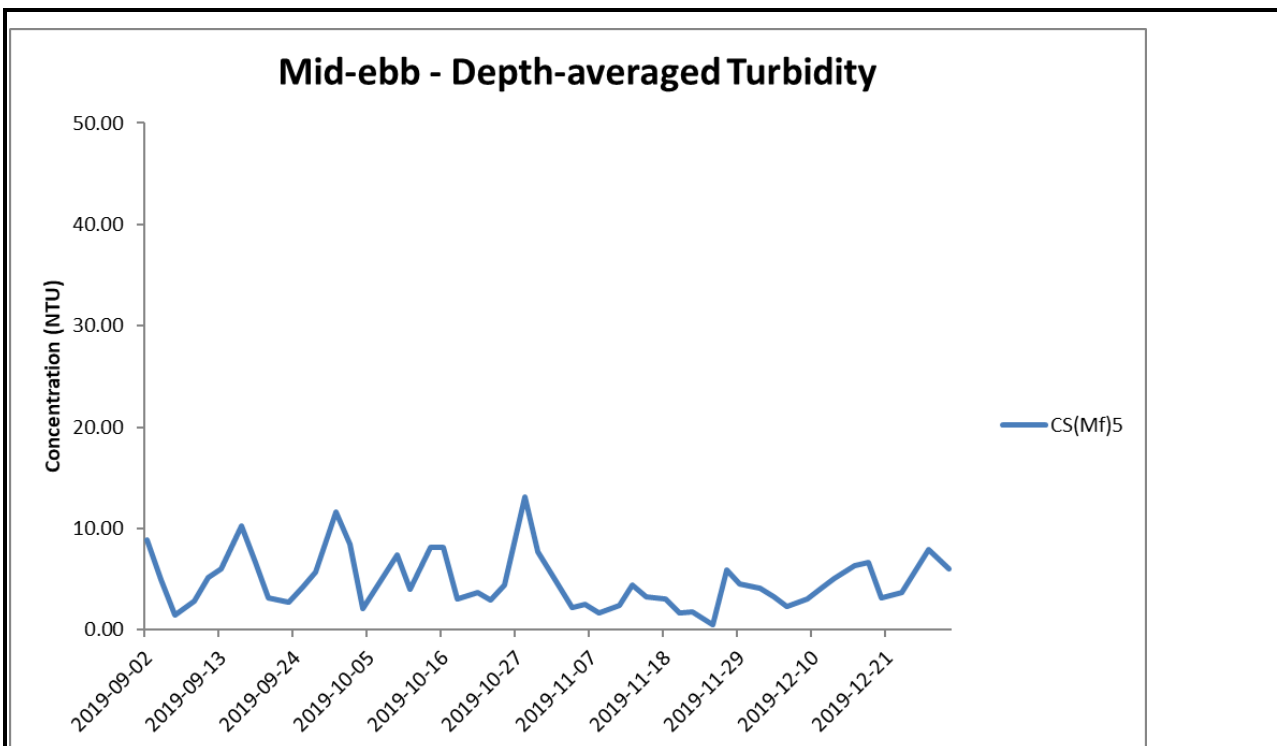
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J27 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).



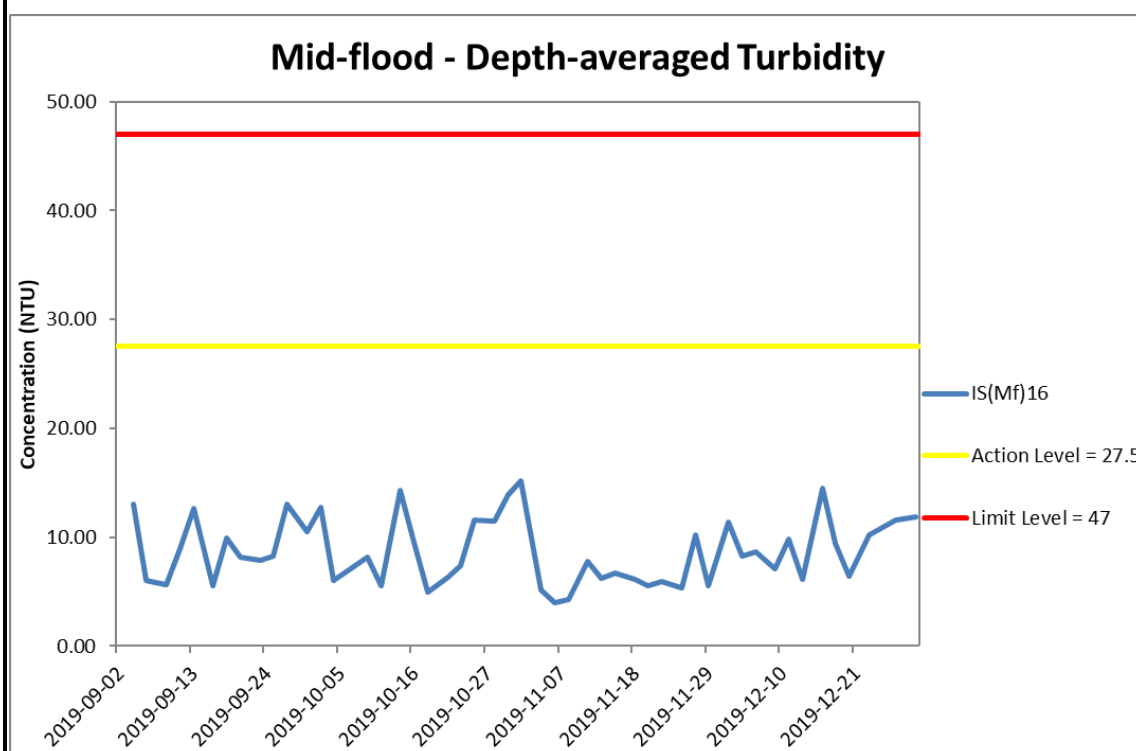
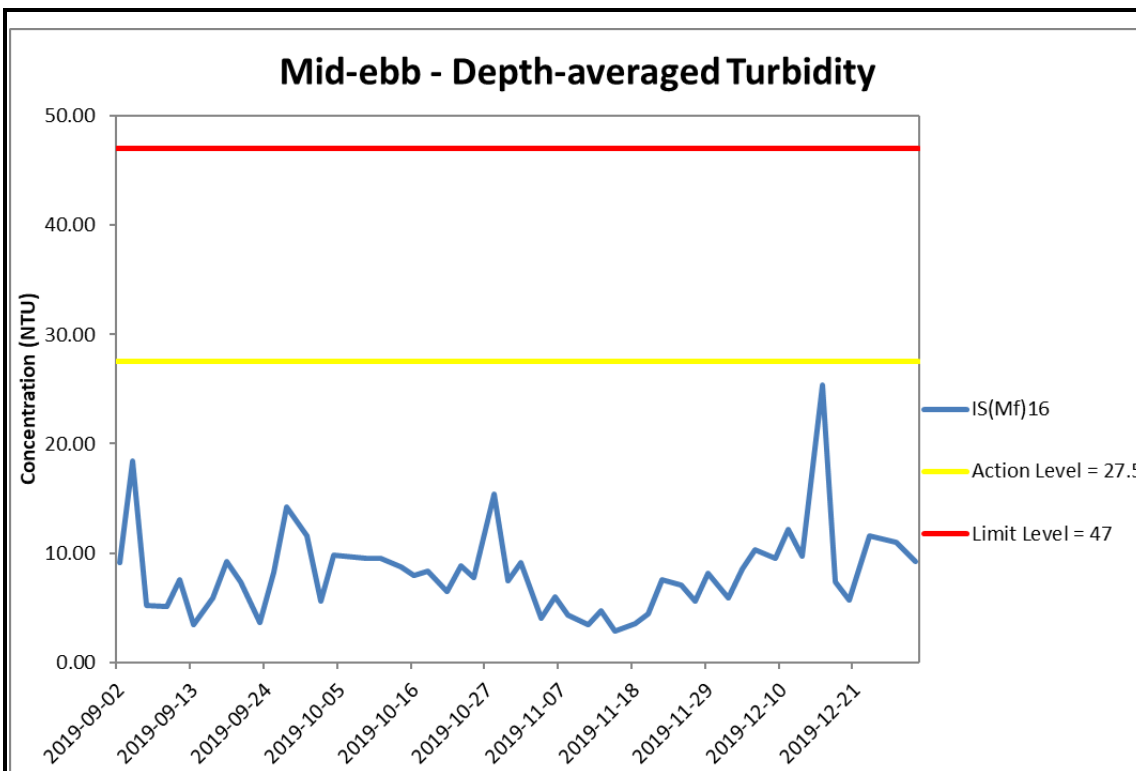
Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls





**Figure J29 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).

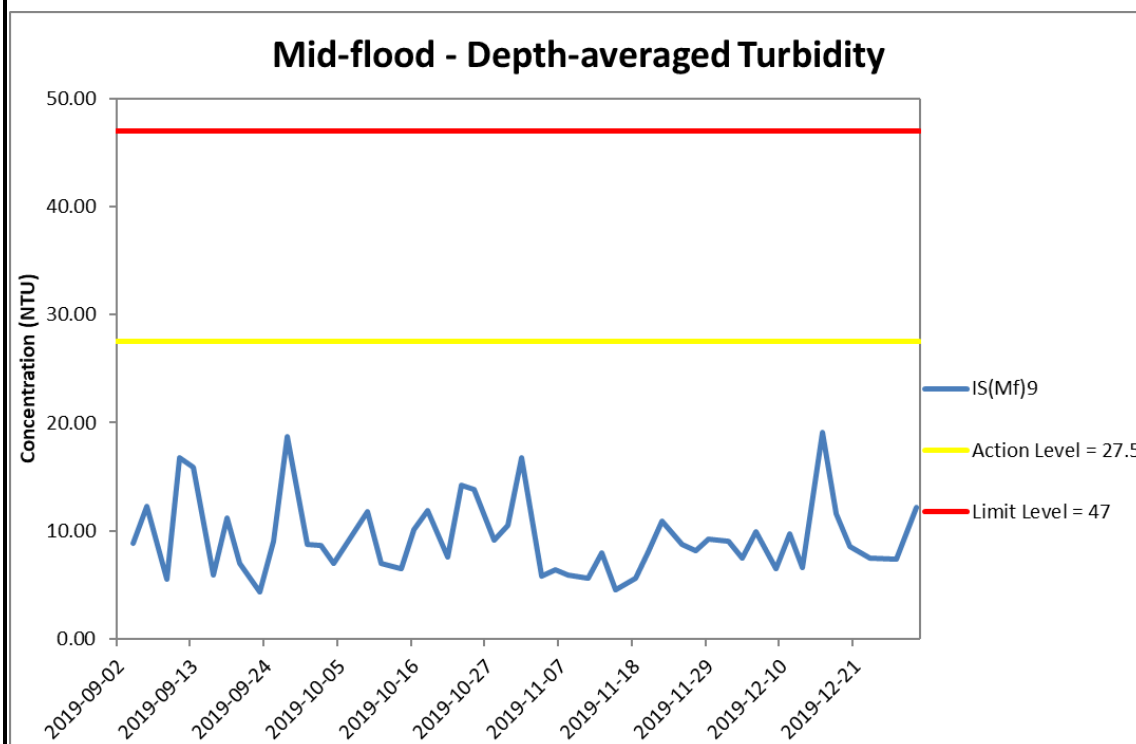
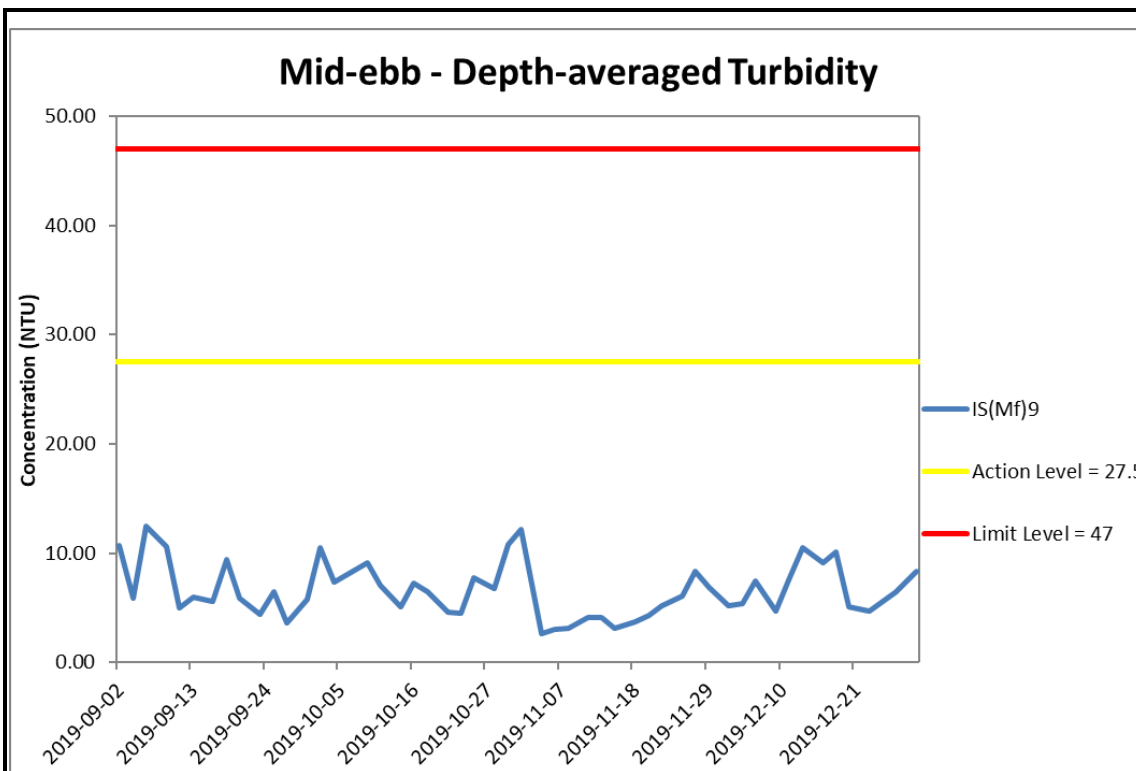




**Figure J30 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).**

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



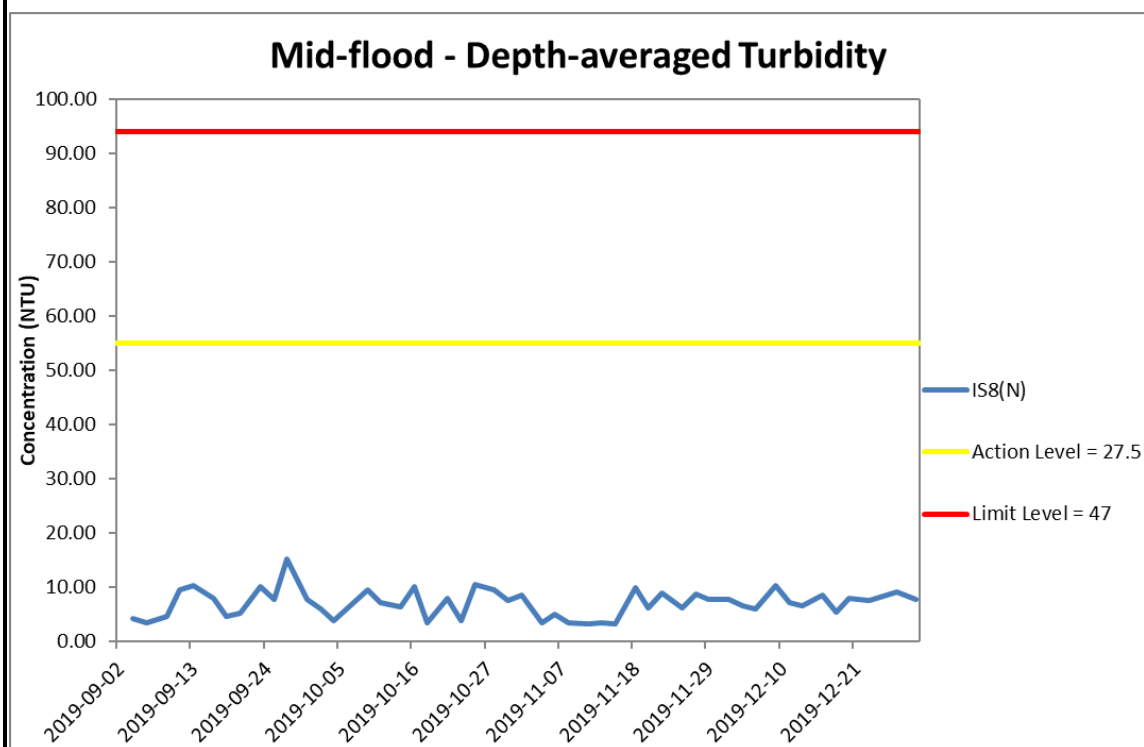
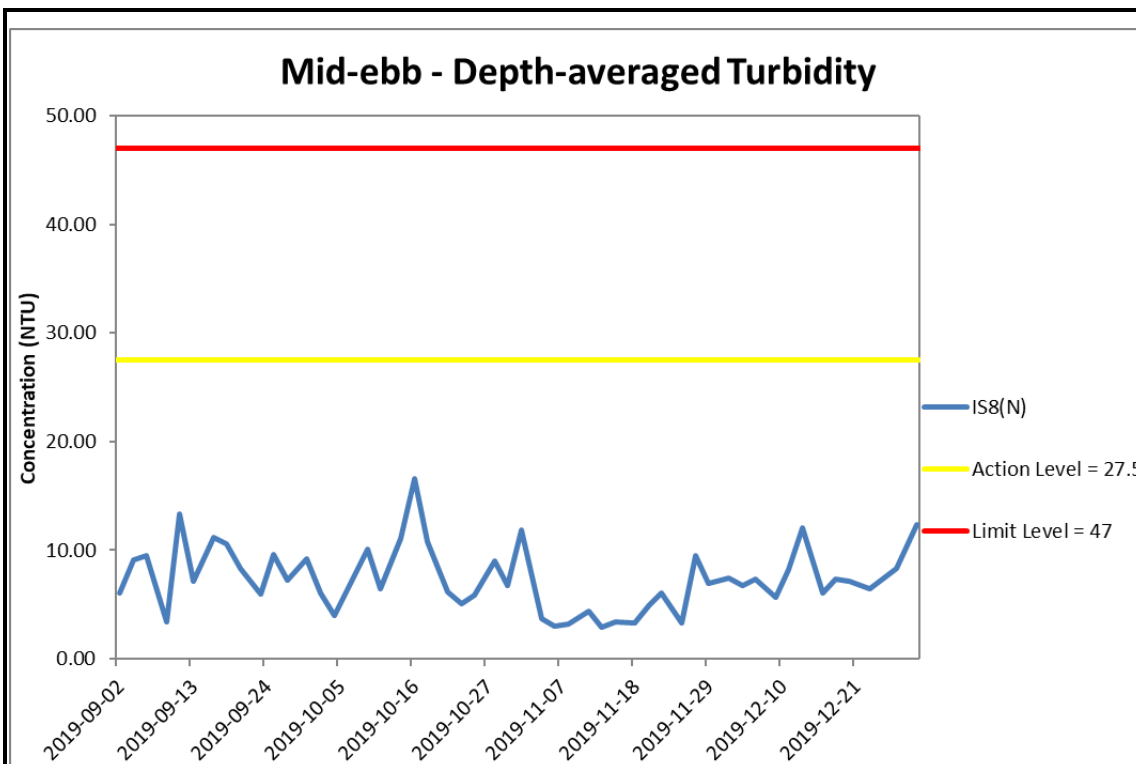


**Figure J31 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 2019 at IS(Mf)9.** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



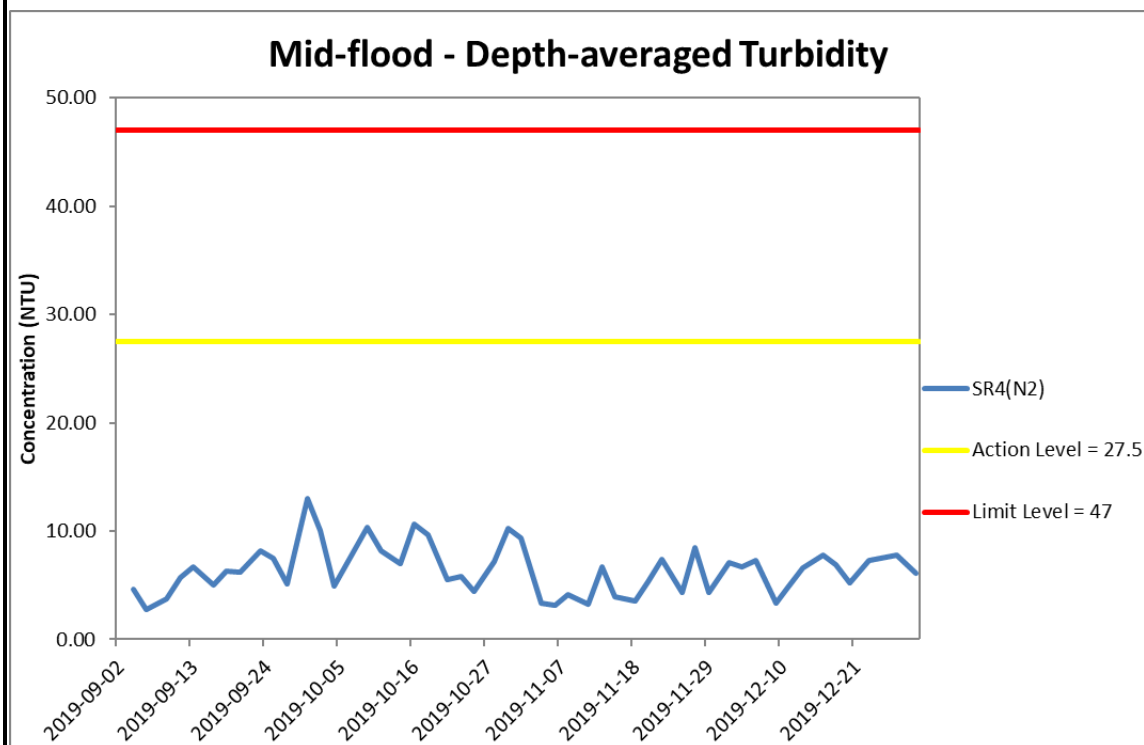
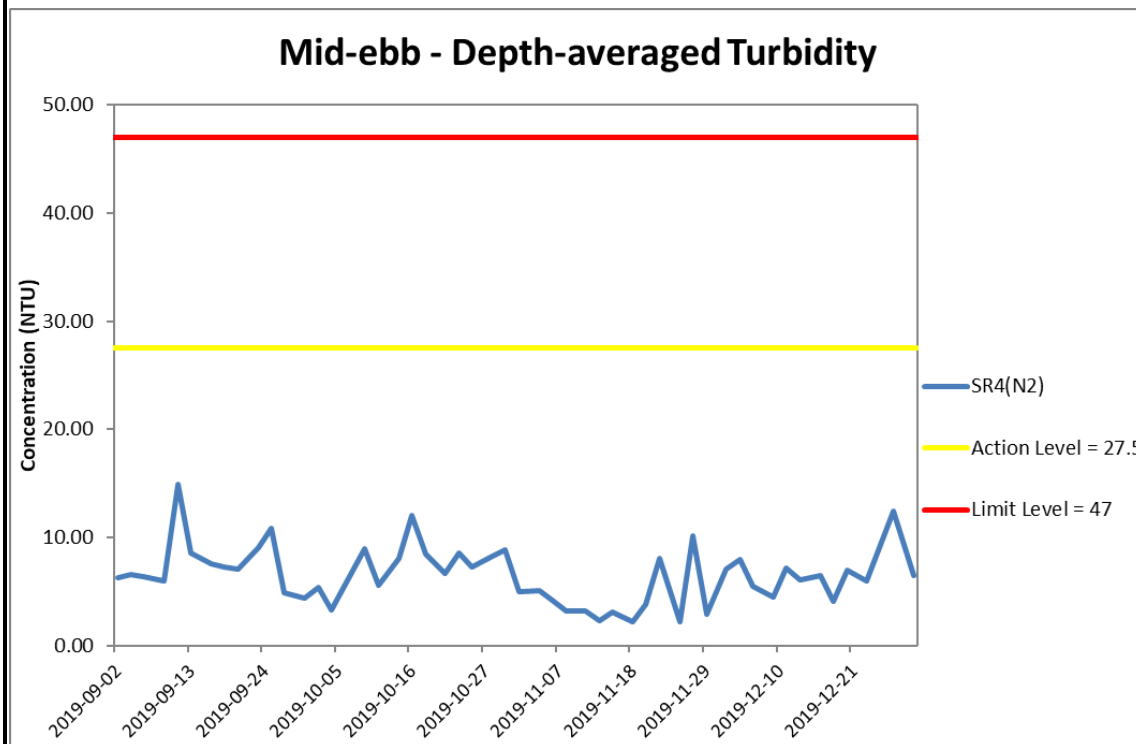




**Figure J32 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 2019 at IS8(N).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

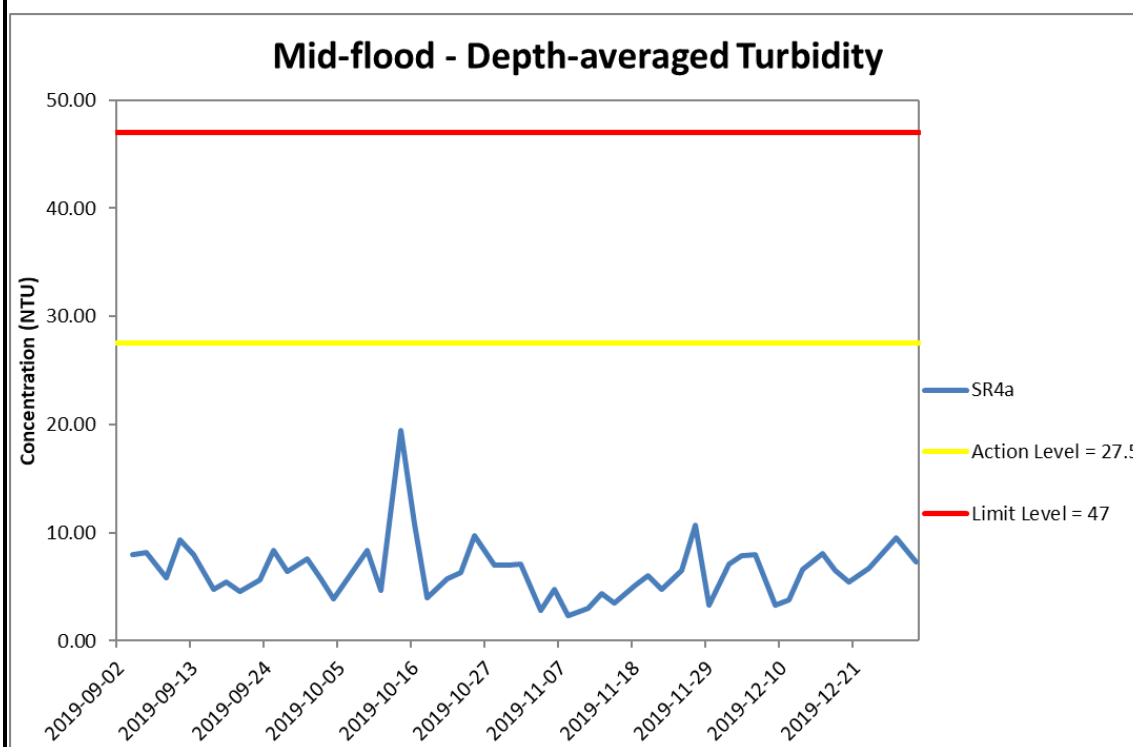
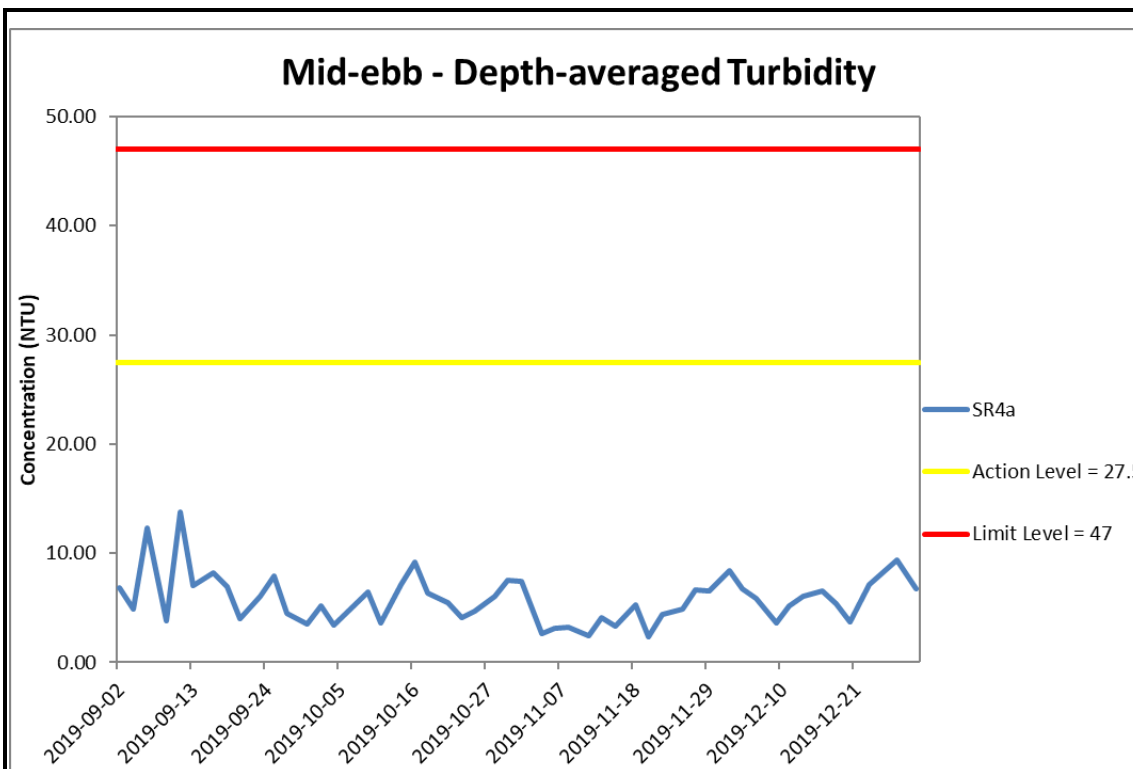




**Figure J33 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 2019 at SR4(N2).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

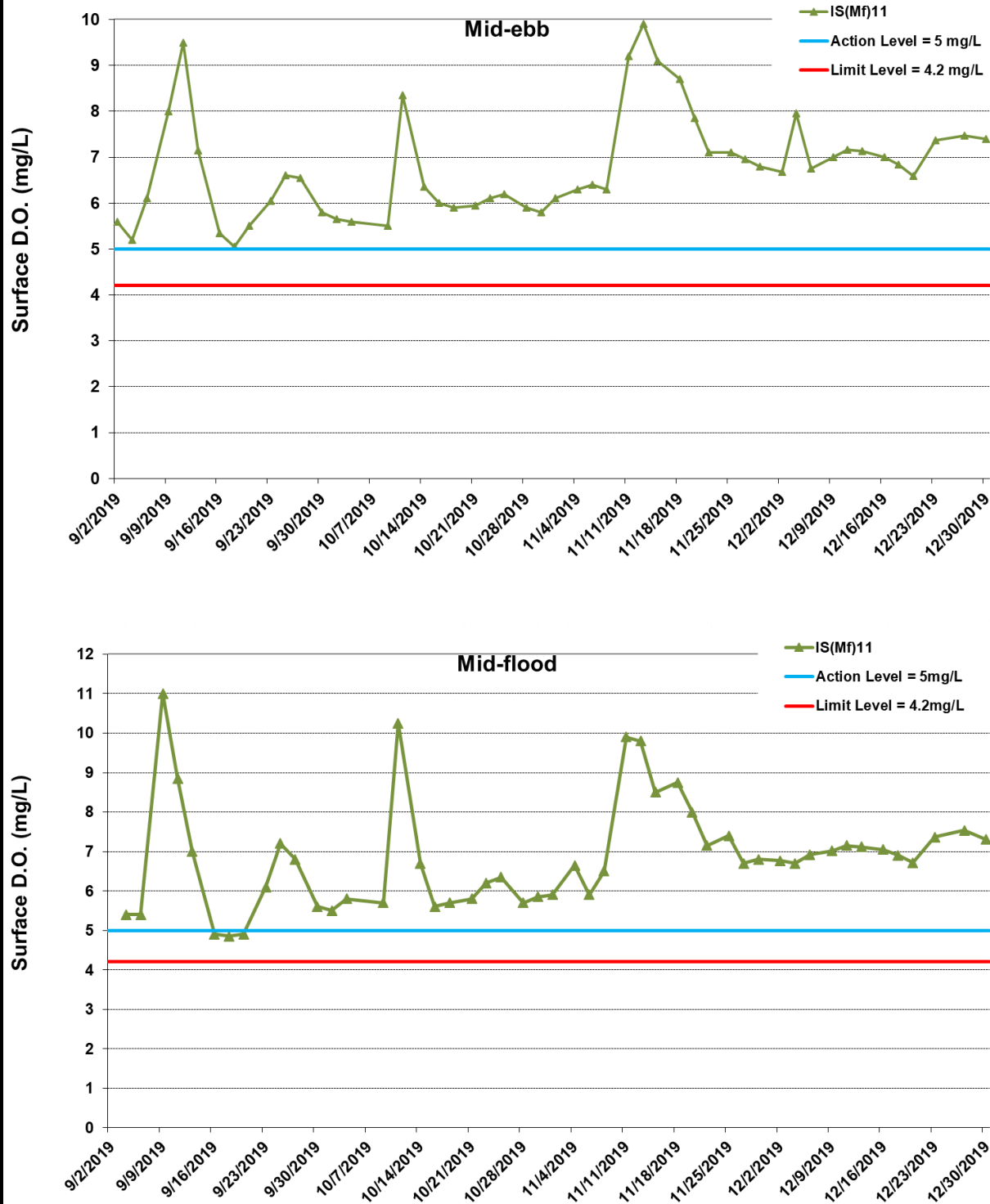




**Figure J34 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 September 2019 and 31 December 2019 at SR4a.** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



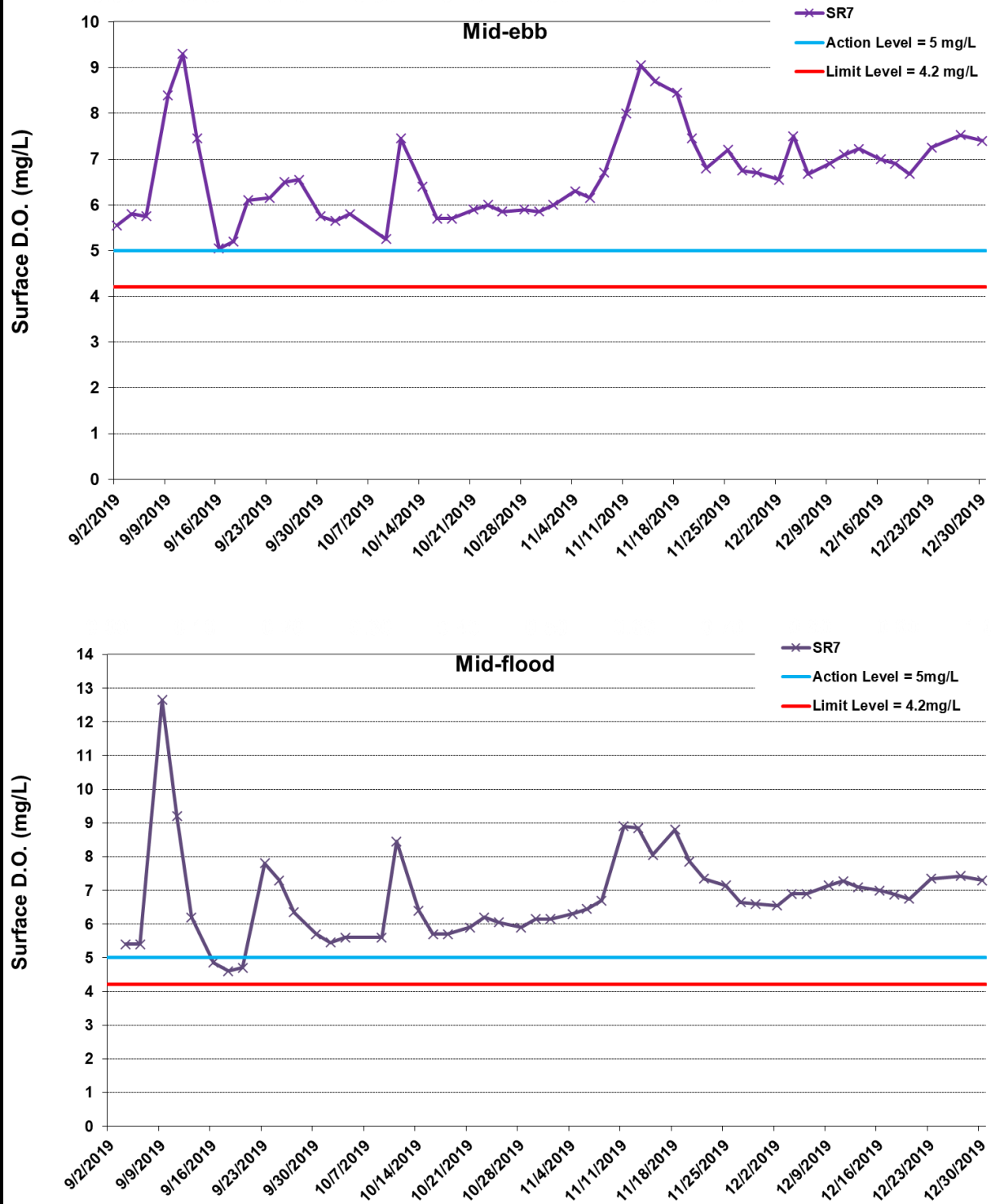


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J35 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



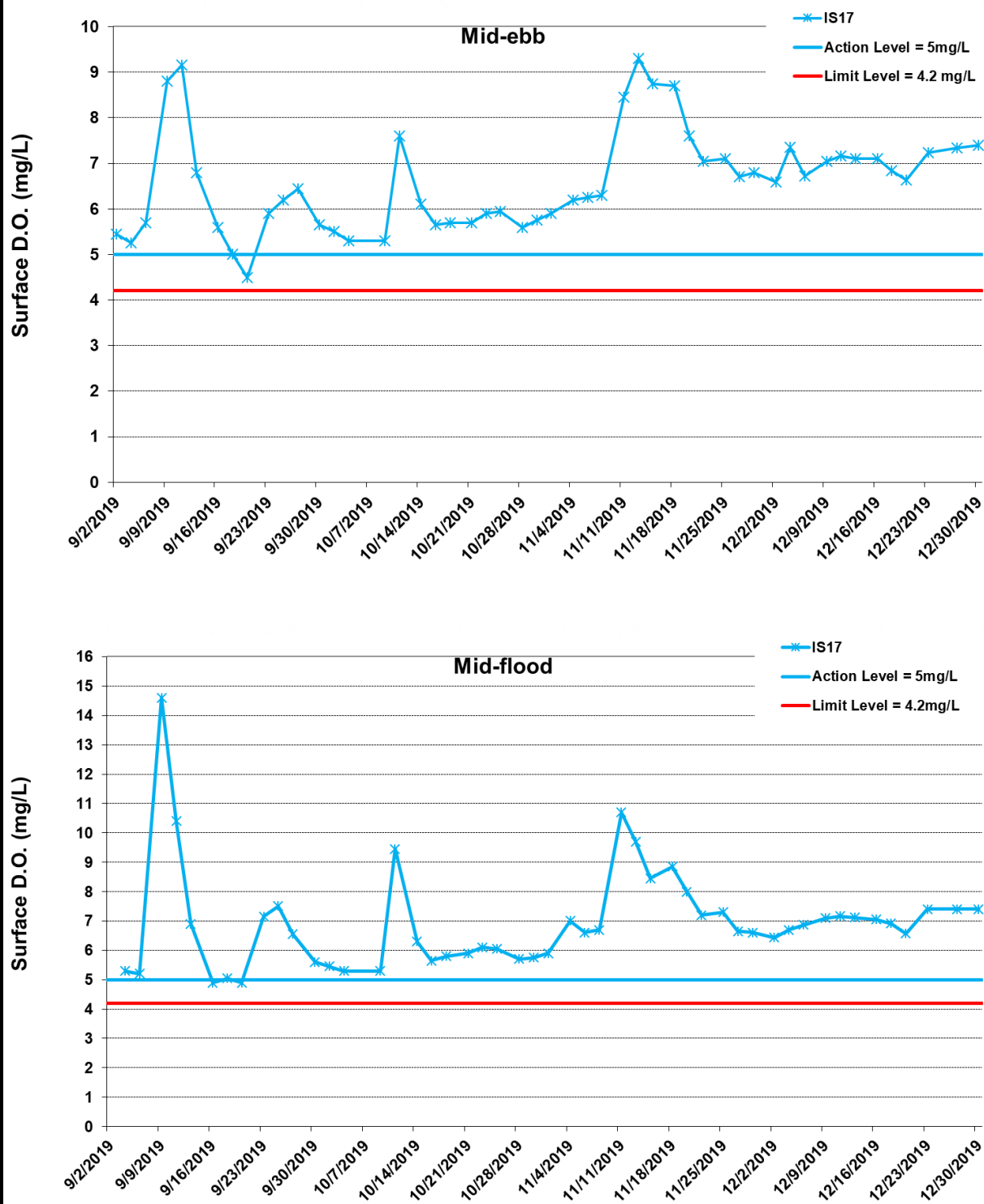


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J36 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).



Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

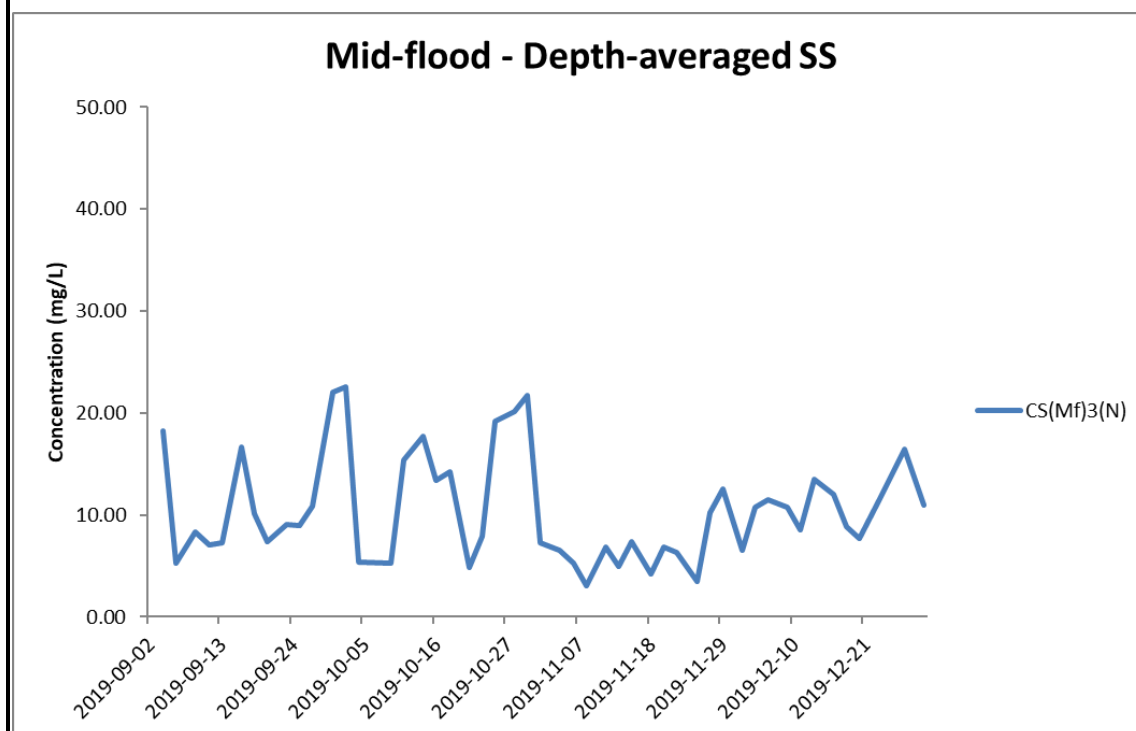
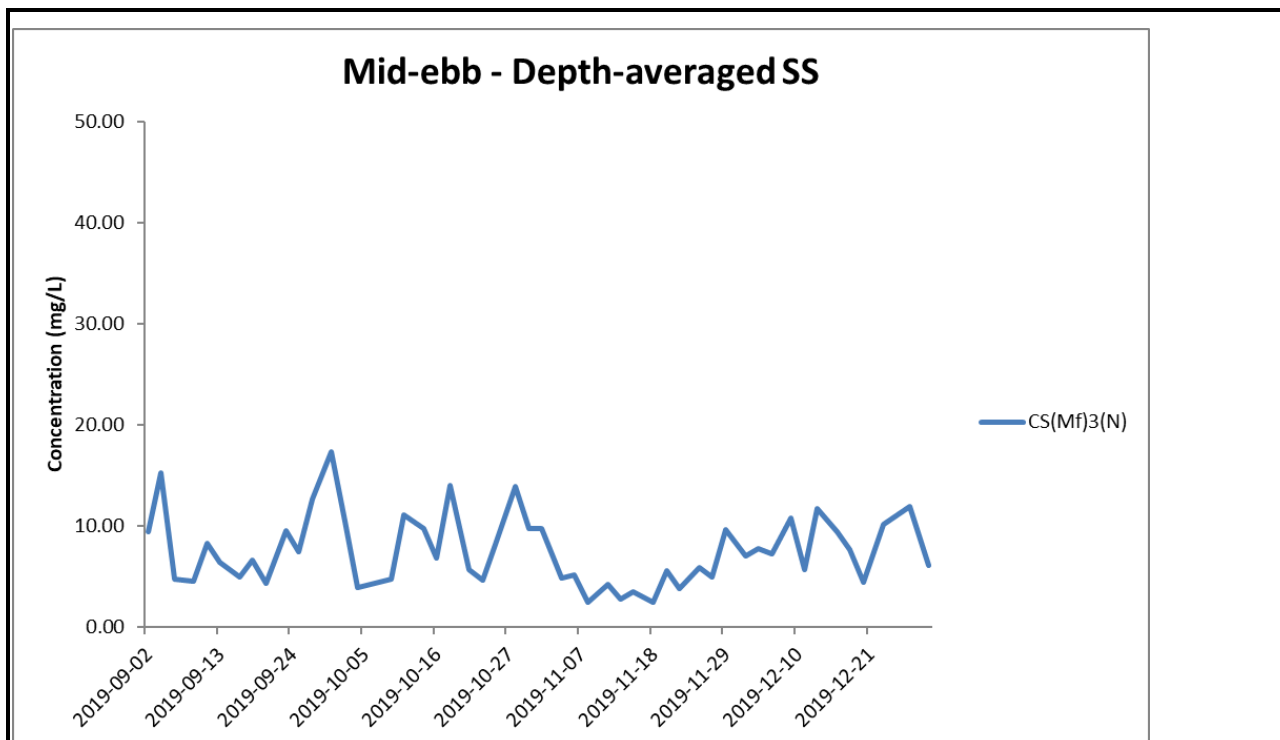


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J37 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).**



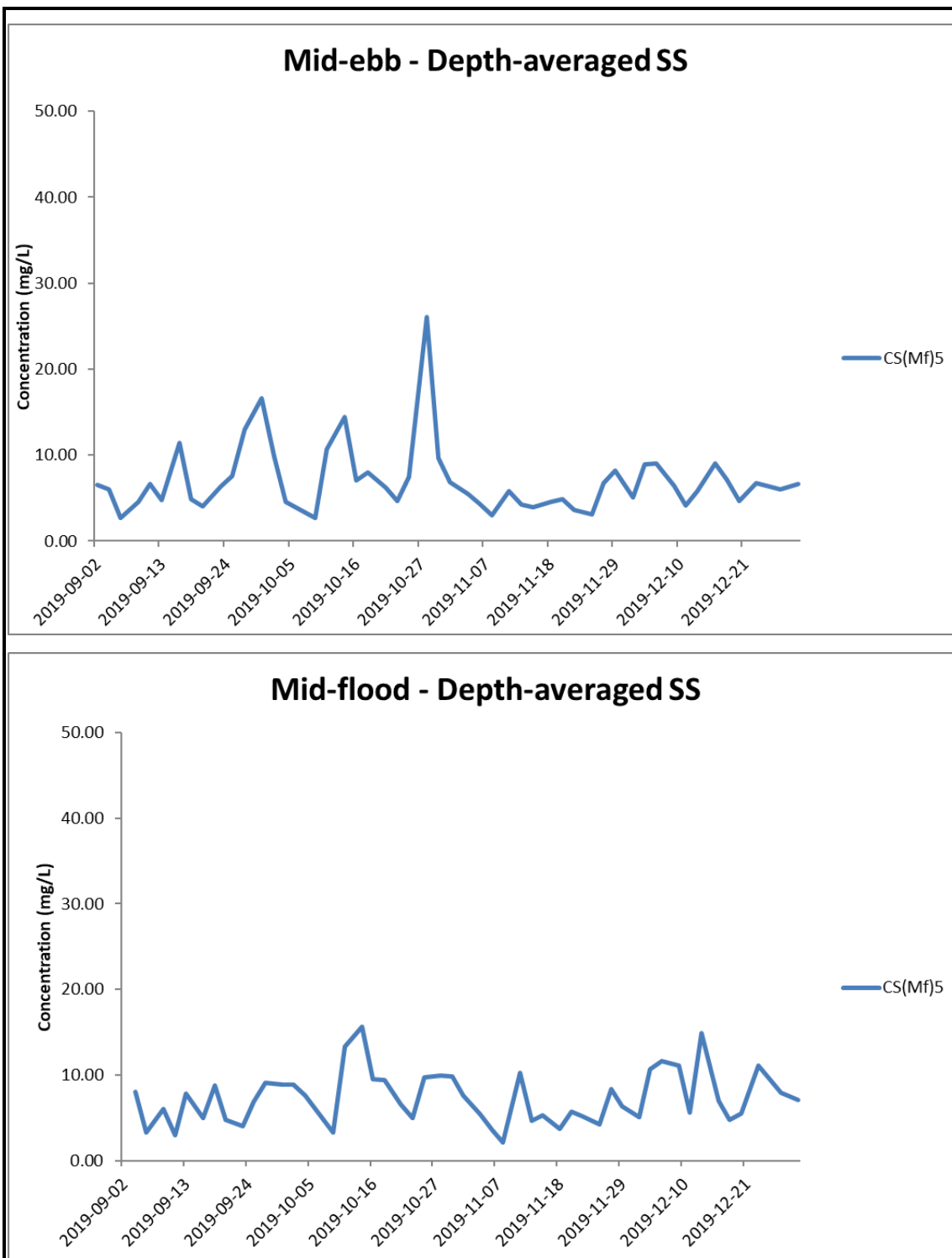
Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



**Figure J38 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



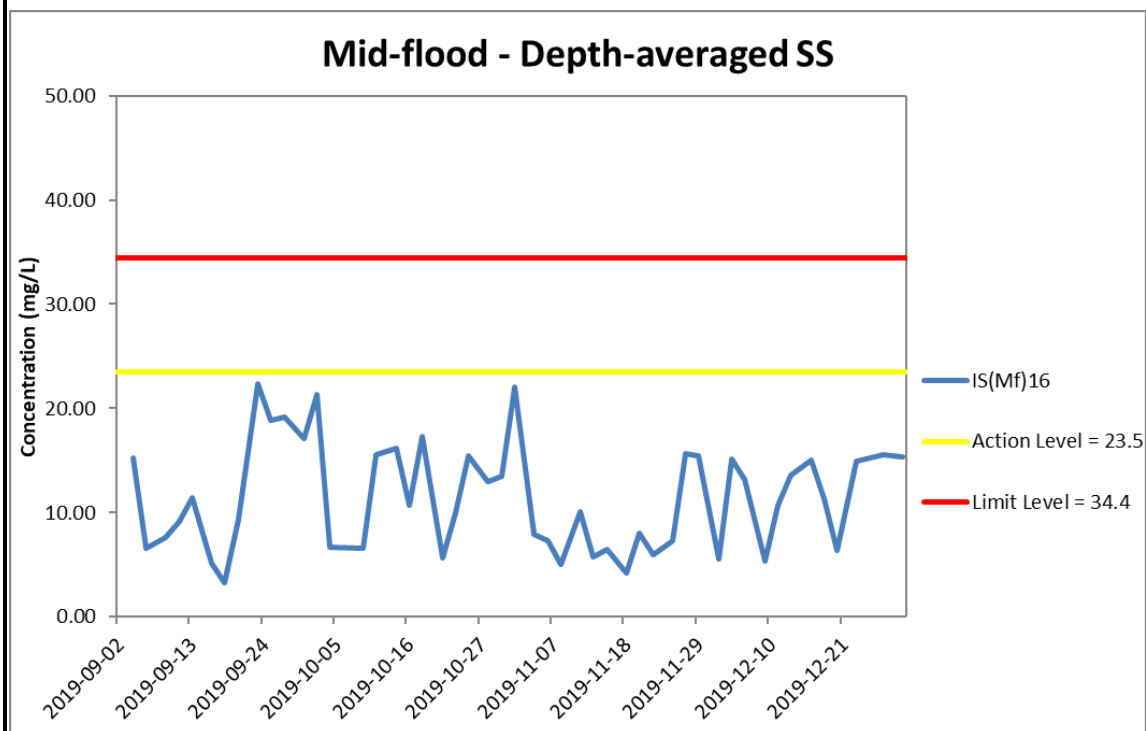
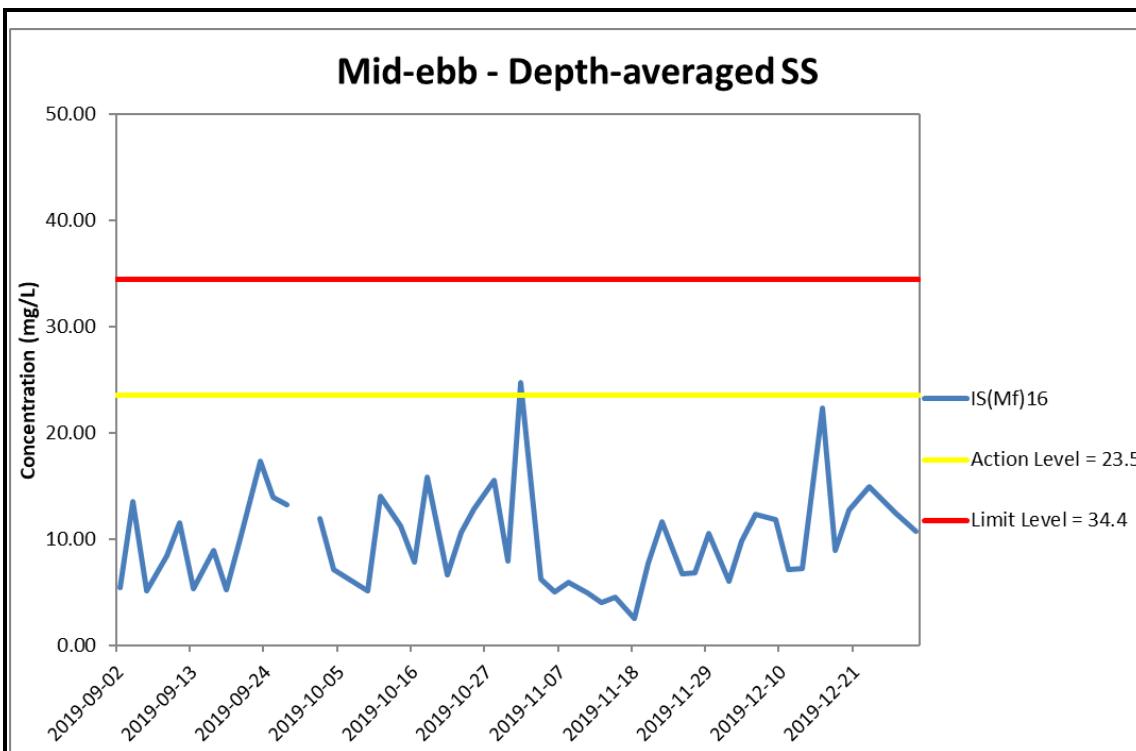


**Figure J39 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 2019 at CS(Mf)5.** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls



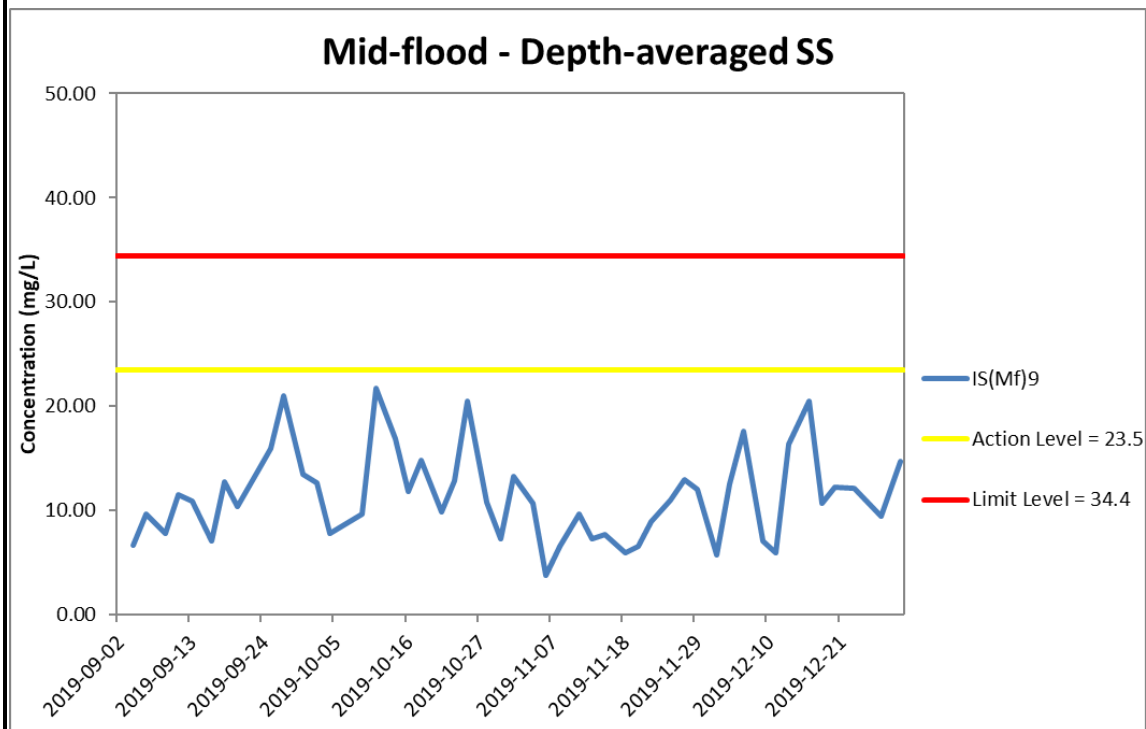
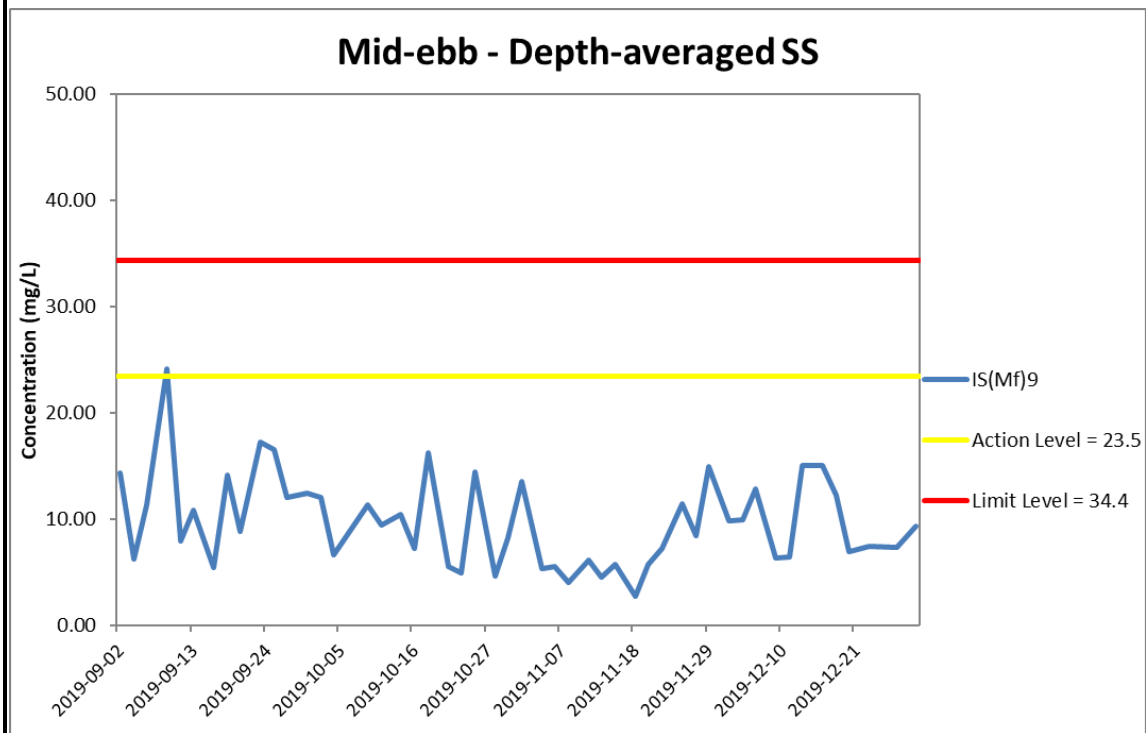




**Figure J40 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).**

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

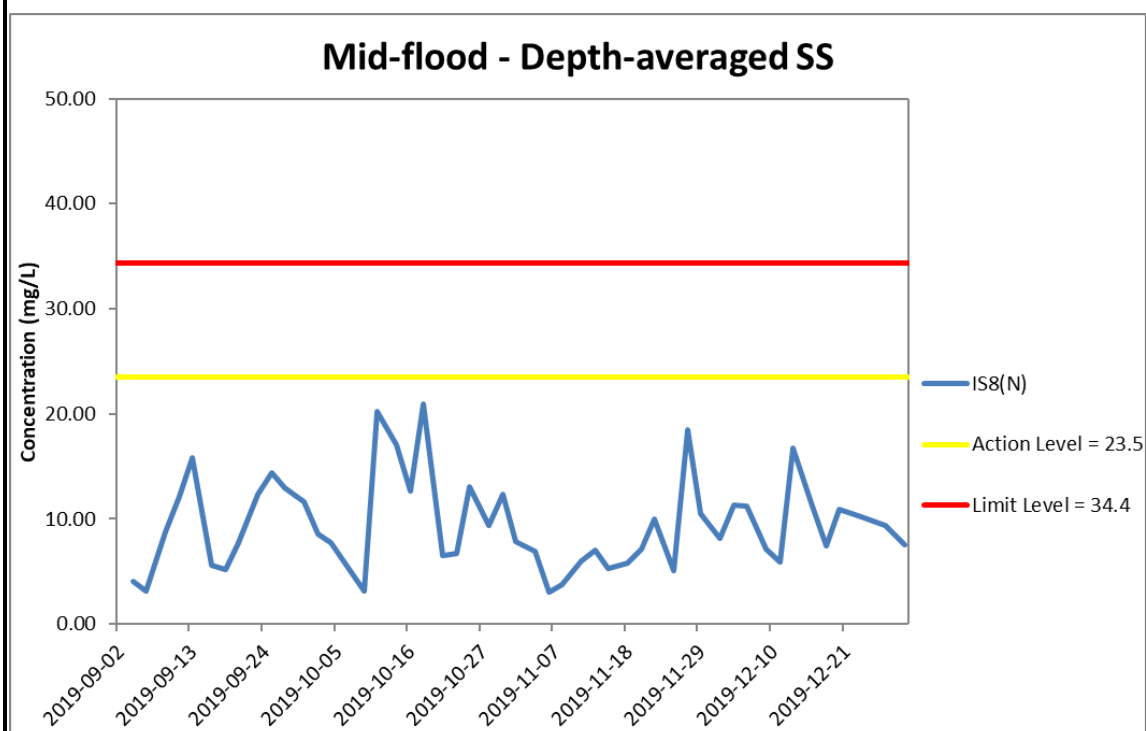
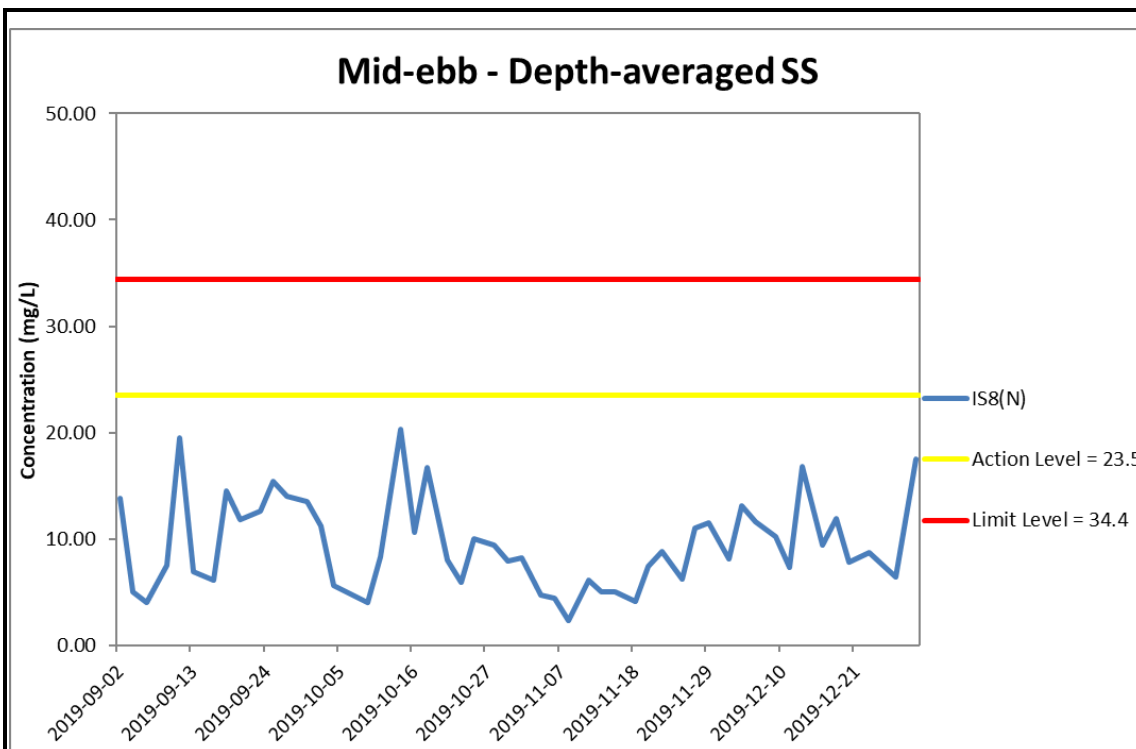




**Figure J41 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).**

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

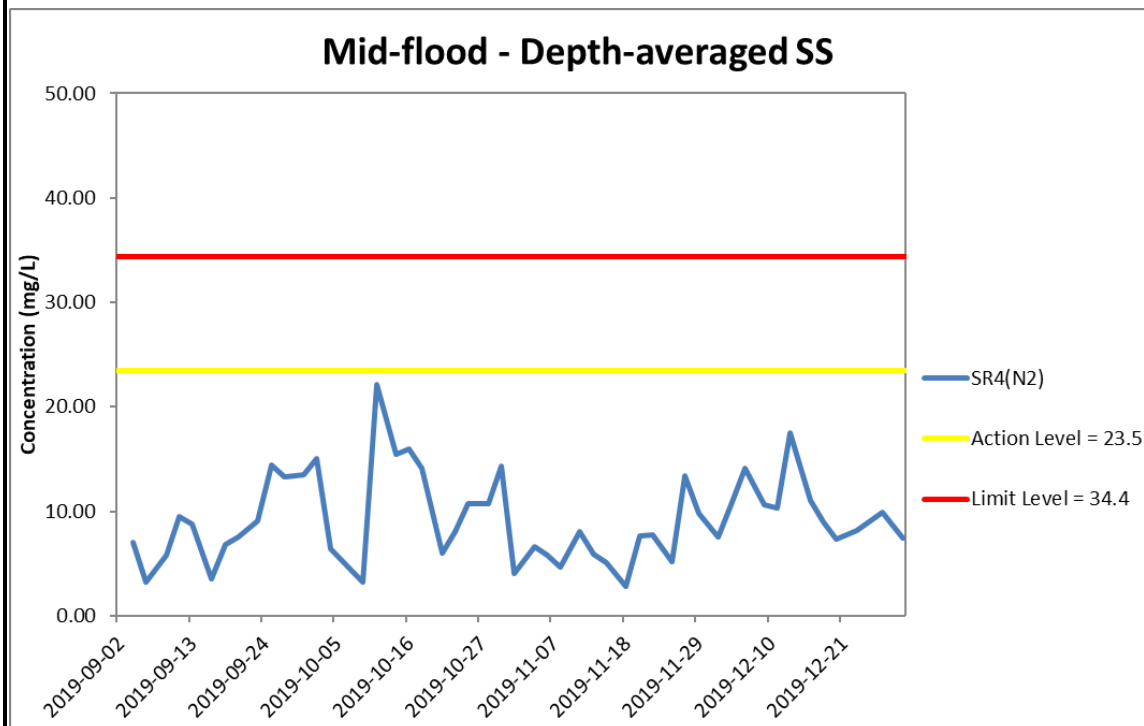
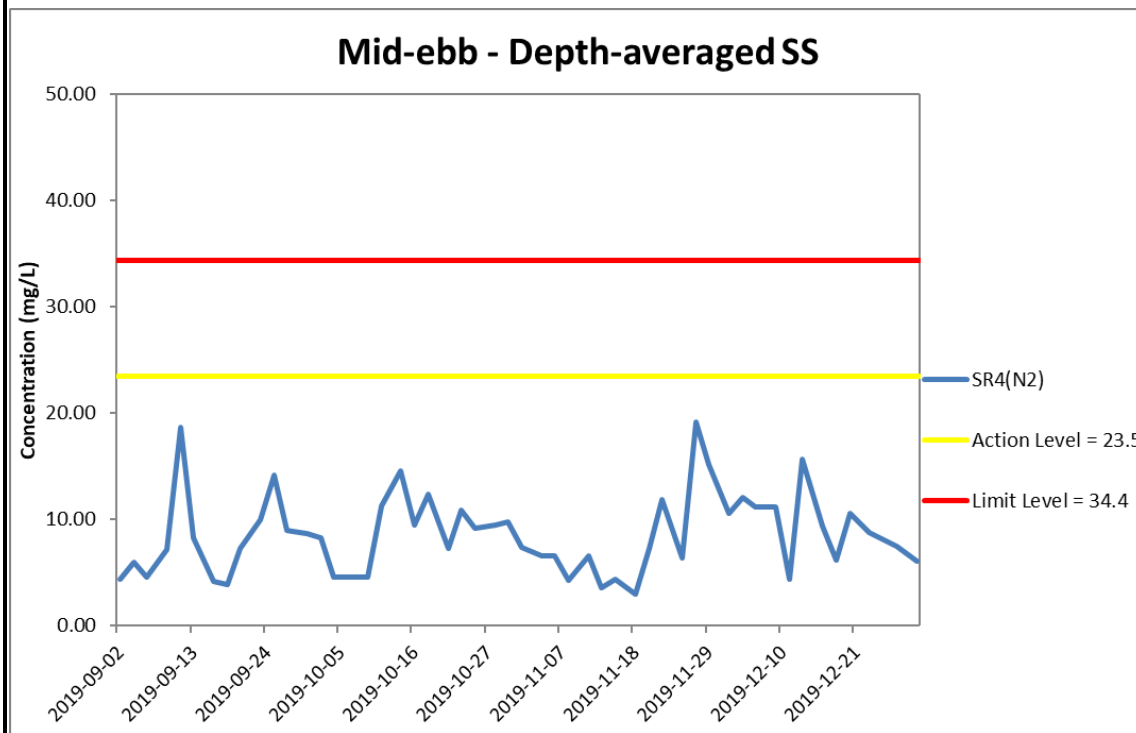




**Figure J42 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 2019 at IS8(N).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls

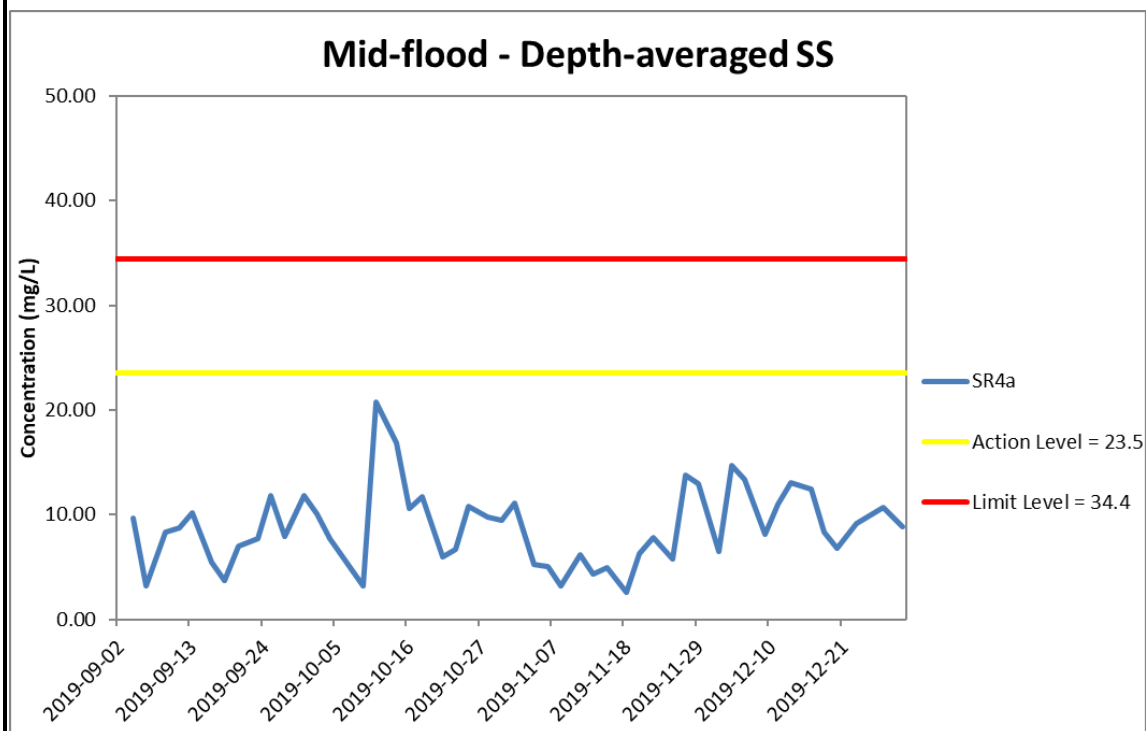
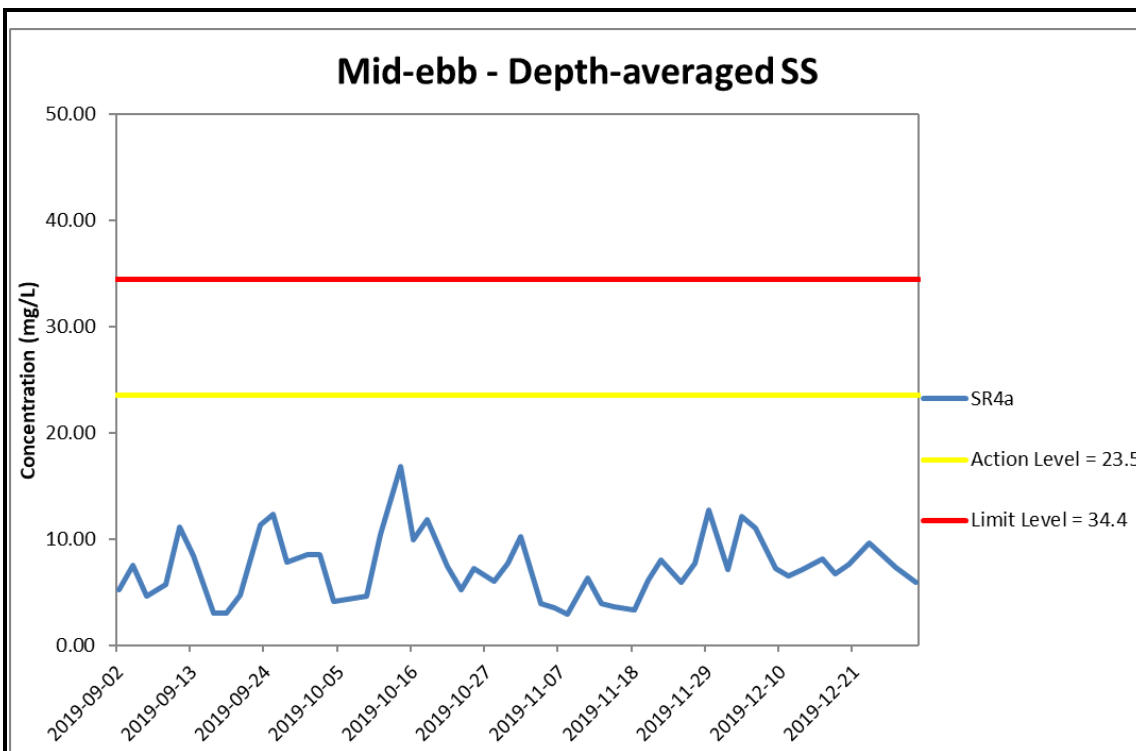




**Figure J43 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Seawall Modification Works at Portion S-B (1/9/2019 – 31/12/2019).**

Ref: 0212330\_Impact-WQM\_December2019\_graphs\_Rev a.xls





**Figure J44 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 September 2019 and 31 December 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 (1/9/2019 – 31/12/2019).**

Ref: 0212330\_Impact-WQM\_December2019\_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	2019-12-02	Mid-Ebb	CS(Mf)5	Fine	Moderate	02:47	12.5	Surface	1	1	23.4	8.1	32.5	6.1	3.5	4.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)5	Fine	Moderate	02:47	12.5	Surface	1	2	23.4	8.1	32.4	6.2	3.5	5.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)5	Fine	Moderate	02:47	12.5	Middle	2	1	23.5	8.1	32.6	6.1	3.9	5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)5	Fine	Moderate	02:47	12.5	Middle	2	2	23.5	8.1	32.6	6.1	3.6	4.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)5	Fine	Moderate	02:47	12.5	Bottom	3	1	23.6	8.1	32.7	6.1	5.1	5.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)5	Fine	Moderate	02:47	12.5	Bottom	3	2	23.6	8.1	32.7	6.1	5.2	6.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	03:52	7.2	Surface	1	1	22.6	8.2	30.9	7	6	4.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	03:52	7.2	Surface	1	2	22.6	8.2	30.8	7	5.9	5.8
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	03:52	7.2	Middle	2	1	22.7	8.2	31.1	7	6.7	8.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	03:52	7.2	Middle	2	2	22.7	8.2	31	7	6.4	7.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	03:52	7.2	Bottom	3	1	22.7	8.2	31.3	7.2	7.2	8.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	03:52	7.2	Bottom	3	2	22.8	8.2	31.3	7.1	7.1	7.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)16	Fine	Rough	04:36	5.5	Surface	1	1	22.7	8.2	31.9	6.8	5.8	5.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)16	Fine	Rough	04:36	5.5	Surface	1	2	22.7	8.2	31.9	6.8	5.7	5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)16	Fine	Rough	04:36	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)16	Fine	Rough	04:36	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)16	Fine	Rough	04:36	5.5	Bottom	3	1	22.7	8.2	31.9	7	6.2	6.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)16	Fine	Rough	04:36	5.5	Bottom	3	2	22.7	8.2	31.9	6.9	6	7.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4a	Fine	Calm	04:49	4.7	Surface	1	1	22.9	8.3	31.9	6.6	7.4	8.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4a	Fine	Calm	04:49	4.7	Surface	1	2	22.9	8.3	31.9	6.6	7.5	7.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4a	Fine	Calm	04:49	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4a	Fine	Calm	04:49	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4a	Fine	Calm	04:49	4.7	Bottom	3	1	22.9	8.3	31.9	6.7	9.9	6.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4a	Fine	Calm	04:49	4.7	Bottom	3	2	22.9	8.3	31.9	6.7	8.8	6.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4(N2)	Fine	Calm	05:03	3.2	Surface	1	1	22.8	8.3	31.9	6.8	6.9	8.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4(N2)	Fine	Calm	05:03	3.2	Surface	1	2	22.9	8.3	31.9	6.8	6.7	7.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4(N2)	Fine	Calm	05:03	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4(N2)	Fine	Calm	05:03	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4(N2)	Fine	Calm	05:03	3.2	Bottom	3	1	22.8	8.3	31.8	7	7.3	13.8
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR4(N2)	Fine	Calm	05:03	3.2	Bottom	3	2	22.8	8.3	31.8	7	7.3	12.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS8(N)	Fine	Calm	05:09	3.8	Surface	1	1	22.8	8.3	31.9	6.8	7.2	7.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS8(N)	Fine	Calm	05:09	3.8	Surface	1	2	22.8	8.3	31.9	6.8	7.2	7.8
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS8(N)	Fine	Calm	05:09	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS8(N)	Fine	Calm	05:09	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS8(N)	Fine	Calm	05:09	3.8	Bottom	3	1	22.8	8.3	31.9	6.8	7.7	8.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS8(N)	Fine	Calm	05:09	3.8	Bottom	3	2	22.8	8.3	31.9	6.8	7.5	8.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)9	Fine	Calm	05:17	3	Surface	1	1	22.5	8.3	32	7	5.2	9.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)9	Fine	Calm	05:17	3	Surface	1	2	22.5	8.3	32	7	5.1	10.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)9	Fine	Calm	05:17	3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)9	Fine	Calm	05:17	3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)9	Fine	Calm	05:17	3	Bottom	3	1	22.5	8.3	32	7.2	5.3	9.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)9	Fine	Calm	05:17	3	Bottom	3	2	22.5	8.3	32	7.1	5.3	10.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)11	Fine	Rough	04:20	11.2	Surface	1	1	23	8.2	31.4	6.7	4.4	5.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)11	Fine	Rough	04:20	11.2	Surface	1	2	23	8.2	31.4	6.7	4.3	5.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)11	Fine	Rough	04:20	11.2	Middle	2	1	23	8.2	31.7	6.7	5.3	7.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)11	Fine	Rough	04:20	11.2	Middle	2	2	23	8.2	31.6	6.7	5.3	6.8
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)11	Fine	Rough	04:20	11.2	Bottom	3	1	23.2	8.2	32	6.7	5	8.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS(Mf)11	Fine	Rough	04:20	11.2	Bottom	3	2	23.2	8.2	32	6.6	5.1	7.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR7	Fine	Calm	03:18	4.3	Surface	1	1	23.1	8.2	32.2	6.5	4.2	4.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR7	Fine	Calm	03:18	4.3	Surface	1	2	23.1	8.2	32.2	6.5	4.2	3.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR7	Fine	Calm	03:18	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR7	Fine	Calm	03:18	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR7	Fine	Calm	03:18	4.3	Bottom	3	1	23.1	8.2	32.2	6.6	4.6	5.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	SR7	Fine	Calm	03:18	4.3	Bottom	3	2	23.1	8.2	32.2	6.6	4.6	4.8
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS17	Fine	Rough	04:30	11	Surface	1	1	22.9	8.3	31.7	6.6	4.1	5.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS17	Fine	Rough	04:30	11	Surface	1	2	22.9	8.3	31.7	6.6	4	6.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS17	Fine	Rough	04:30	11	Middle	2	1	23.1	8.3	31.9	6.5	4.5	5.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS17	Fine	Rough	04:30	11	Middle	2	2	23.1	8.3	31.9	6.6	4.5	6.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS17	Fine	Rough	04:30	11	Bottom	3	1	23.1	8.3	32	6.6	5.1	6.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Ebb	IS17	Fine	Rough	04:30	11	Bottom	3	2	23.1	8.3	32	6.6	5.2	5.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)5	Fine	Rough	17:10	12.4	Surface	1	1	23.4	8	33.8	6.2	2.7	6.2

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	2019-12-02	Mid-Flood	CS(Mf)5	Fine	Rough	17:10	12.4	Surface	1	2	23.3	8.2	32.9	6.3	2.8	5.8
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)5	Fine	Rough	17:10	12.4	Middle	2	1	23.4	8	33.9	6.2	3	4.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)5	Fine	Rough	17:10	12.4	Middle	2	2	23.3	8.2	32.9	6.2	3.2	5.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)5	Fine	Rough	17:10	12.4	Bottom	3	1	23.5	8	34	6.1	6.6	4.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)5	Fine	Rough	17:10	12.4	Bottom	3	2	23.4	8.2	33	6.1	6.7	4.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)3(N)	Fine	Rough	16:13	7.2	Surface	1	1	22.8	8	32.4	7	10.6	6.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)3(N)	Fine	Rough	16:13	7.2	Surface	1	2	22.7	8.2	31.5	7	11.3	7.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)3(N)	Fine	Rough	16:13	7.2	Middle	2	1	22.8	8	32.4	6.9	10.7	6.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)3(N)	Fine	Rough	16:13	7.2	Middle	2	2	22.7	8.2	31.5	6.9	11.5	5.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)3(N)	Fine	Rough	16:13	7.2	Bottom	3	1	22.8	8	32.4	6.9	9.5	6.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	CS(Mf)3(N)	Fine	Rough	16:13	7.2	Bottom	3	2	22.7	8.2	31.5	6.9	10.1	5.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)16	Fine	Moderate	15:27	5.7	Surface	1	1	22.8	8	32.5	6.9	8	5.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)16	Fine	Moderate	15:27	5.7	Surface	1	2	22.7	8.2	31.6	7	8.7	6
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)16	Fine	Moderate	15:27	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)16	Fine	Moderate	15:27	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)16	Fine	Moderate	15:27	5.7	Bottom	3	1	22.8	8	32.6	6.8	14	5.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)16	Fine	Moderate	15:27	5.7	Bottom	3	2	22.7	8.2	31.7	6.8	14.8	4.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4a	Fine	Calm	15:14	4.3	Surface	1	1	22.7	8	32.8	7.1	6.5	6.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4a	Fine	Calm	15:14	4.3	Surface	1	2	22.6	8.2	31.8	7.1	6.9	7.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4a	Fine	Calm	15:14	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4a	Fine	Calm	15:14	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4a	Fine	Calm	15:14	4.3	Bottom	3	1	22.7	8	32.8	7.1	7.2	5.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4a	Fine	Calm	15:14	4.3	Bottom	3	2	22.6	8.2	31.8	7.1	7.8	6.5
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4(N2)	Fine	Calm	15:07	4	Surface	1	1	22.8	8	32.8	7.2	6.3	7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4(N2)	Fine	Calm	15:07	4	Surface	1	2	22.8	8.2	31.9	7.2	6.7	8
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4(N2)	Fine	Calm	15:07	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4(N2)	Fine	Calm	15:07	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4(N2)	Fine	Calm	15:07	4	Bottom	3	1	22.8	8	32.8	7.2	7.5	7.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR4(N2)	Fine	Calm	15:07	4	Bottom	3	2	22.8	8.2	31.9	7.2	8	8.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS8(N)	Fine	Calm	15:01	3.7	Surface	1	1	22.9	8	32.7	7.1	6.8	8.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS8(N)	Fine	Calm	15:01	3.7	Surface	1	2	22.8	8.2	31.7	7.1	7	9.1
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS8(N)	Fine	Calm	15:01	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS8(N)	Fine	Calm	15:01	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS8(N)	Fine	Calm	15:01	3.7	Bottom	3	1	22.9	8	32.7	7.1	8.3	7.9
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS8(N)	Fine	Calm	15:01	3.7	Bottom	3	2	22.8	8.2	31.8	7.1	8.8	7.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)9	Fine	Calm	14:54	3.2	Surface	1	1	22.8	8	32.7	7	8.5	6.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)9	Fine	Calm	14:54	3.2	Surface	1	2	22.8	8.2	31.7	7	9.3	6.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)9	Fine	Calm	14:54	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)9	Fine	Calm	14:54	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)9	Fine	Calm	14:54	3.2	Bottom	3	1	22.8	8	32.7	6.9	9	4.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)9	Fine	Calm	14:54	3.2	Bottom	3	2	22.7	8.2	31.8	7	9.3	5.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)11	Fine	Rough	15:44	11.1	Surface	1	1	22.8	8	32.6	6.8	5.5	5.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)11	Fine	Rough	15:44	11.1	Surface	1	2	22.8	8.2	31.6	6.9	5.7	5.6
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)11	Fine	Rough	15:44	11.1	Middle	2	1	22.9	8	32.6	6.7	6.4	5.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)11	Fine	Rough	15:44	11.1	Middle	2	2	22.8	8.2	31.7	6.8	6.4	6.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)11	Fine	Rough	15:44	11.1	Bottom	3	1	22.9	8	32.7	6.7	9.3	7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS(Mf)11	Fine	Rough	15:44	11.1	Bottom	3	2	22.9	8.2	31.7	6.7	10.3	6
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR7	Fine	Rough	16:47	4.1	Surface	1	1	23	8	33	6.6	4.2	7.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR7	Fine	Rough	16:47	4.1	Surface	1	2	22.9	8.2	32.1	6.6	4.8	6.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR7	Fine	Rough	16:47	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR7	Fine	Rough	16:47	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR7	Fine	Rough	16:47	4.1	Bottom	3	1	23.1	8	33.1	6.5	5.3	7.3
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	SR7	Fine	Rough	16:47	4.1	Bottom	3	2	23.1	8.2	32.2	6.5	5.6	8.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS17	Fine	Rough	15:35	10.8	Surface	1	1	23.1	8	33	6.6	4.3	6
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS17	Fine	Rough	15:35	10.8	Surface	1	2	23	8.2	32	6.6	4.6	5.7
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS17	Fine	Rough	15:35	10.8	Middle	2	1	23.2	8	33.1	6.4	5.5	6.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS17	Fine	Rough	15:35	10.8	Middle	2	2	23.1	8.2	32.1	6.4	5.8	5.4
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS17	Fine	Rough	15:35	10.8	Bottom	3	1	23.3	8	33.3	6.3	8.6	5.2
TMCLKL	HY/2012/08	2019-12-02	Mid-Flood	IS17	Fine	Rough	15:35	10.8	Bottom	3	2	23.2	8.2	32.3	6.3	9.6	5.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	05:23	12.2	Surface	1	1	15.8	8.2	33.7	7.6	3.1	9.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	05:23	12.2	Surface	1	2	15.8	8	34.7	7.5	2.6	9.5



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	2019-12-04	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	05:23	12.2	Middle	2	1	17.1	8.2	33.2	7.4	3.3	8.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	05:23	12.2	Middle	2	2	17.2	8	34.2	7.4	2.9	7.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	05:23	12.2	Bottom	3	1	18.3	8.1	32.2	7.4	3.5	6.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	05:23	12.2	Bottom	3	2	18.4	8	33	7.4	4	12.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	06:19	6.7	Surface	1	1	20.9	8.2	32.2	7.1	4.1	7.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	06:19	6.7	Surface	1	2	20.9	8	33.2	7.1	3.9	7
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	06:19	6.7	Middle	2	1	20.9	8.2	32.3	7.1	4.4	7.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	06:19	6.7	Middle	2	2	20.9	8	33.3	7.1	4.2	8.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	06:19	6.7	Bottom	3	1	20.8	8.2	32.5	7.1	7.5	7.3
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	06:19	6.7	Bottom	3	2	20.9	8	33.4	7.1	6.5	7.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	07:00	5.8	Surface	1	1	19.6	8.2	32.5	7.4	12.1	9.2
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	07:00	5.8	Surface	1	2	19.7	8	33.4	7.3	10.9	10.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	07:00	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	07:00	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	07:00	5.8	Bottom	3	1	19.4	8.2	32.2	7.4	6.1	9.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	07:00	5.8	Bottom	3	2	19.5	8	33.1	7.3	5.2	10.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4a	Cloudy	Moderate	07:07	4.5	Surface	1	1	20.2	8.2	32.2	7.2	6.3	15.3
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4a	Cloudy	Moderate	07:07	4.5	Surface	1	2	20.2	8	33.1	7.2	6.1	14.3
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4a	Cloudy	Moderate	07:07	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4a	Cloudy	Moderate	07:07	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4a	Cloudy	Moderate	07:07	4.5	Bottom	3	1	18.9	8.2	32.4	7.3	7.6	9.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4a	Cloudy	Moderate	07:07	4.5	Bottom	3	2	19	8	33.3	7.2	7.1	10
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4(N2)	Cloudy	Moderate	07:11	3.8	Surface	1	1	20.4	8.2	32.2	7.1	8.1	12.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4(N2)	Cloudy	Moderate	07:11	3.8	Surface	1	2	20.5	8	33.2	7.1	7.6	12.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4(N2)	Cloudy	Moderate	07:11	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4(N2)	Cloudy	Moderate	07:11	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4(N2)	Cloudy	Moderate	07:11	3.8	Bottom	3	1	20.5	8.2	32.1	7.2	8.5	10.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR4(N2)	Cloudy	Moderate	07:11	3.8	Bottom	3	2	20.5	8	33.1	7.1	7.9	11.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS8(N)	Cloudy	Moderate	07:16	3.6	Surface	1	1	19.1	8.2	32.3	7.3	7.1	10.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS8(N)	Cloudy	Moderate	07:16	3.6	Surface	1	2	19.1	8	33.3	7.2	6.1	9.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS8(N)	Cloudy	Moderate	07:16	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS8(N)	Cloudy	Moderate	07:16	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS8(N)	Cloudy	Moderate	07:16	3.6	Bottom	3	1	20.2	8.2	32.2	7.1	7.4	16.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS8(N)	Cloudy	Moderate	07:16	3.6	Bottom	3	2	20.3	8	33.2	7.1	6.4	15.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	07:23	2.8	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	07:23	2.8	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	07:23	2.8	Middle	2	1	20.1	8.2	32.2	7.1	5.8	9.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	07:23	2.8	Middle	2	2	20.1	8	33.2	7	5	10.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	07:23	2.8	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	07:23	2.8	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	06:47	11.5	Surface	1	1	18.6	8	32.1	8	10	10
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	06:47	11.5	Surface	1	2	19	7.9	33.1	7.9	10	11.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	06:47	11.5	Middle	2	1	19.3	8.1	32.1	7.5	7.1	7.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	06:47	11.5	Middle	2	2	19.3	7.9	33.3	7.4	7.2	8.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	06:47	11.5	Bottom	3	1	16.8	8.1	31.7	7.8	6.8	7.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	06:47	11.5	Bottom	3	2	16.7	7.9	32.6	7.8	6.2	6.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR7	Cloudy	Moderate	05:24	4.6	Surface	1	1	17.8	8.2	32.8	7.5	2.8	7.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR7	Cloudy	Moderate	05:24	4.6	Surface	1	2	17.8	8	33.8	7.5	2.8	8.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR7	Cloudy	Moderate	05:24	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR7	Cloudy	Moderate	05:24	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR7	Cloudy	Moderate	05:24	4.6	Bottom	3	1	15.9	8.2	33.8	7.6	2.6	11.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	SR7	Cloudy	Moderate	05:24	4.6	Bottom	3	2	16	8	34.8	7.6	2.4	10
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS17	Cloudy	Moderate	06:54	7.9	Surface	1	1	19.4	8.2	32.2	7.4	5.9	12.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS17	Cloudy	Moderate	06:54	7.9	Surface	1	2	19.6	8	33.1	7.3	5.4	14.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS17	Cloudy	Moderate	06:54	7.9	Middle	2	1	19.1	8.2	32.6	7.4	7.1	11.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS17	Cloudy	Moderate	06:54	7.9	Middle	2	2	19.1	8	33.7	7.3	7.5	10.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS17	Cloudy	Moderate	06:54	7.9	Bottom	3	1	18.9	8.2	32.2	7.4	7.2	9.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Ebb	IS17	Cloudy	Moderate	06:54	7.9	Bottom	3	2	19	8	33.3	7.3	8.1	9.2
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)5	Cloudy	Moderate	15:12	12.4	Surface	1	1	21.5	8.1	32.5	6.9	7	12.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)5	Cloudy	Moderate	15:12	12.4	Surface	1	2	21.6	7.9	33.5	6.9	6.4	11.2
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)5	Cloudy	Moderate	15:12	12.4	Middle	2	1						10.7



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	2019-12-04	Mid-Flood	CS(Mf)5	Cloudy	Moderate	15:12	12.4	Middle	2	2						9.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)5	Cloudy	Moderate	15:12	12.4	Bottom	3	1	21.5	8.1	32.6	6.9	6.9	9.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)5	Cloudy	Moderate	15:12	12.4	Bottom	3	2	21.6	7.9	33.6	6.9	6.3	10.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	13:47	7.6	Surface	1	1	21.7	8.1	32.7	6.9	5.5	12.3
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	13:47	7.6	Surface	1	2	21.8	8	33.6	6.8	5.1	10.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	13:47	7.6	Middle	2	1	21.8	8.1	32.8	6.7	6.9	11.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	13:47	7.6	Middle	2	2	21.8	8	33.7	6.7	6.4	10.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	13:47	7.6	Bottom	3	1	21.8	8.1	32.8	6.7	9.7	9.2
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	13:47	7.6	Bottom	3	2	21.9	8	33.8	6.7	9.5	9.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)16	Cloudy	Moderate	13:30	5.8	Surface	1	1	21.7	8.1	32.5	7	9.1	13.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)16	Cloudy	Moderate	13:30	5.8	Surface	1	2	21.7	8	33.5	6.9	9.2	14.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)16	Cloudy	Moderate	13:30	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)16	Cloudy	Moderate	13:30	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)16	Cloudy	Moderate	13:30	5.8	Bottom	3	1	21.8	8.1	32.8	6.9	7.6	15.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)16	Cloudy	Moderate	13:30	5.8	Bottom	3	2	21.9	8	33.8	6.9	7.2	17
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4a	Cloudy	Moderate	13:18	4.6	Surface	1	1	21.4	8.1	32.4	6.9	7.6	15.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4a	Cloudy	Moderate	13:18	4.6	Surface	1	2	21.5	7.9	33.4	6.8	7	14.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4a	Cloudy	Moderate	13:18	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4a	Cloudy	Moderate	13:18	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4a	Cloudy	Moderate	13:18	4.6	Bottom	3	1	21.5	8.1	32.6	7	8.4	15.2
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4a	Cloudy	Moderate	13:18	4.6	Bottom	3	2	21.6	7.9	33.6	6.9	8.6	13.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4(N2)	Cloudy	Moderate	13:14	3.5	Surface	1	1	21.2	8.1	32.3	6.9	6.6	12.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4(N2)	Cloudy	Moderate	13:14	3.5	Surface	1	2	21.3	7.9	33.3	6.9	5.9	11.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4(N2)	Cloudy	Moderate	13:14	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4(N2)	Cloudy	Moderate	13:14	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4(N2)	Cloudy	Moderate	13:14	3.5	Bottom	3	1	21.2	8	32.3	7	7.2	10
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR4(N2)	Cloudy	Moderate	13:14	3.5	Bottom	3	2	21.3	7.9	33.3	7	7.1	9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS8(N)	Cloudy	Moderate	13:07	3.7	Surface	1	1	21.5	8.1	32.5	6.9	7	9.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS8(N)	Cloudy	Moderate	13:07	3.7	Surface	1	2	21.6	7.9	33.5	6.9	6.4	10.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS8(N)	Cloudy	Moderate	13:07	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS8(N)	Cloudy	Moderate	13:07	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS8(N)	Cloudy	Moderate	13:07	3.7	Bottom	3	1	21.5	8.1	32.6	6.9	6.9	12.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS8(N)	Cloudy	Moderate	13:07	3.7	Bottom	3	2	21.6	7.9	33.6	6.9	6.3	12.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:00	2.8	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:00	2.8	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:00	2.8	Middle	2	1	21.8	8	32.8	6.9	7.8	13.1
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:00	2.8	Middle	2	2	21.8	7.9	33.7	6.9	7.2	11.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:00	2.8	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:00	2.8	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)11	Cloudy	Moderate	13:40	11.1	Surface	1	1	21.8	8.1	32.8	6.7	4.4	11.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)11	Cloudy	Moderate	13:40	11.1	Surface	1	2	21.9	8	33.7	6.7	4.2	12.6
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)11	Cloudy	Moderate	13:40	11.1	Middle	2	1	21.8	8.1	32.8	6.7	5.2	11.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)11	Cloudy	Moderate	13:40	11.1	Middle	2	2	21.8	8	33.8	6.6	5.7	13.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)11	Cloudy	Moderate	13:40	11.1	Bottom	3	1	21.8	8.1	32.8	6.7	6.6	15.5
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS(Mf)11	Cloudy	Moderate	13:40	11.1	Bottom	3	2	21.8	8	33.8	6.7	6	15.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR7	Cloudy	Moderate	14:47	4.6	Surface	1	1	21.9	8.1	32.9	6.9	4.3	10.3
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR7	Cloudy	Moderate	14:47	4.6	Surface	1	2	21.9	8	33.9	6.9	4.1	9.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR7	Cloudy	Moderate	14:47	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR7	Cloudy	Moderate	14:47	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR7	Cloudy	Moderate	14:47	4.6	Bottom	3	1	21.9	8.1	32.9	6.9	4.5	10.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	SR7	Cloudy	Moderate	14:47	4.6	Bottom	3	2	21.9	8	33.9	6.9	4.7	11
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS17	Cloudy	Moderate	13:39	7.6	Surface	1	1	21.8	8.1	32.8	6.7	4.4	18.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS17	Cloudy	Moderate	13:39	7.6	Surface	1	2	21.9	8	33.7	6.7	4.2	16.9
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS17	Cloudy	Moderate	13:39	7.6	Middle	2	1	21.8	8.1	32.8	6.7	5.2	10.4
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS17	Cloudy	Moderate	13:39	7.6	Middle	2	2	21.8	8	33.8	6.6	5.7	11.8
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS17	Cloudy	Moderate	13:39	7.6	Bottom	3	1	21.8	8	32.8	6.7	6.6	10.7
TMCLKL	HY/2012/08	2019-12-04	Mid-Flood	IS17	Cloudy	Moderate	13:39	7.6	Bottom	3	2	21.8	8	33.8	6.7	6	9.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:53	12.6	Surface	1	1	21.8	8.1	33.6	6.6	2.5	10.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:53	12.6	Surface	1	2	21.8	8	34.6	6.6	2.4	11.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:53	12.6	Middle	2	1	21.8	8.1	33.6	6.6	2.2	8.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:53	12.6	Middle	2	2	21.8	7.9	34.6	6.6	2.3	8.3

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	2019-12-06	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:53	12.6	Bottom	3	1	21.7	8.1	33.6	6.6	2.3	7.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:53	12.6	Bottom	3	2	21.8	7.9	34.6	6.6	2.2	7.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:50	7.1	Surface	1	1	20.1	8.1	33.1	7.1	5.6	8.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:50	7.1	Surface	1	2	20.1	8.1	34.1	7	5.2	8.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:50	7.1	Middle	2	1	20.1	8.1	33.1	7.1	5.6	7.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:50	7.1	Middle	2	2	20.1	8.1	34.1	7	5.2	7.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:50	7.1	Bottom	3	1	19.9	8.1	33.1	7.1	6.1	6.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:50	7.1	Bottom	3	2	20	8	34.1	7.1	5.7	5.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:38	5.4	Surface	1	1	20.1	8.1	33.1	6.9	8.3	11.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:38	5.4	Surface	1	2	20.2	8	34.1	6.9	7.5	11.1
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:38	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:38	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:38	5.4	Bottom	3	1	20.1	8.1	33.1	7	12.7	13.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)16	Fine	Moderate	08:38	5.4	Bottom	3	2	20.2	8	34.1	6.9	12.8	13.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4a	Fine	Calm	08:50	4.3	Surface	1	1	19.9	8.1	33	6.8	6.3	8.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4a	Fine	Calm	08:50	4.3	Surface	1	2	20	8	34	6.8	5.7	8.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4a	Fine	Calm	08:50	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4a	Fine	Calm	08:50	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4a	Fine	Calm	08:50	4.3	Bottom	3	1	19.9	8.1	33	6.9	5.8	13.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4a	Fine	Calm	08:50	4.3	Bottom	3	2	20	8	34	6.8	5.5	13.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4(N2)	Fine	Calm	08:56	4	Surface	1	1	19.4	8.1	32.4	6.7	5.9	11.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4(N2)	Fine	Calm	08:56	4	Surface	1	2	19.5	8	33.4	6.7	5.2	11.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4(N2)	Fine	Calm	08:56	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4(N2)	Fine	Calm	08:56	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4(N2)	Fine	Calm	08:56	4	Bottom	3	1	19.7	8.1	32.6	6.8	5.6	10.7
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR4(N2)	Fine	Calm	08:56	4	Bottom	3	2	19.7	8	33.6	6.7	5.4	10.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS8(N)	Fine	Calm	09:06	3.7	Surface	1	1	19.3	8.2	32.5	7.1	7.2	11.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS8(N)	Fine	Calm	09:06	3.7	Surface	1	2	19.4	8.1	33.5	7.1	6.6	12.1
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS8(N)	Fine	Calm	09:06	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS8(N)	Fine	Calm	09:06	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS8(N)	Fine	Calm	09:06	3.7	Bottom	3	1	19.4	8.2	32.5	7.1	8.3	10.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS8(N)	Fine	Calm	09:06	3.7	Bottom	3	2	19.5	8.1	33.5	7.1	7.1	11.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)9	Fine	Calm	09:16	3.2	Surface	1	1	19.5	8.1	32.5	7.2	8	11.7
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)9	Fine	Calm	09:16	3.2	Surface	1	2	19.6	8.1	33.5	7.1	7.6	12.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)9	Fine	Calm	09:16	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)9	Fine	Calm	09:16	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)9	Fine	Calm	09:16	3.2	Bottom	3	1	19.5	8.1	32.5	7.2	7.4	13.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)9	Fine	Calm	09:16	3.2	Bottom	3	2	19.5	8	33.5	7.2	6.9	13.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)11	Cloudy	Rough	08:19	10.8	Surface	1	1	20.8	8.1	33.3	6.8	4.6	7.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)11	Cloudy	Rough	08:19	10.8	Surface	1	2	20.9	8.1	34.3	6.7	4.4	7.1
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)11	Cloudy	Rough	08:19	10.8	Middle	2	1	20.8	8.1	33.3	6.8	4.9	8.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)11	Cloudy	Rough	08:19	10.8	Middle	2	2	20.9	8.1	34.3	6.7	4.4	9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)11	Cloudy	Rough	08:19	10.8	Bottom	3	1	20.8	8.1	33.3	6.8	4.8	9.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS(Mf)11	Cloudy	Rough	08:19	10.8	Bottom	3	2	20.9	8	34.3	6.7	4.4	9.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR7	Cloudy	Rough	07:20	4.5	Surface	1	1	21.3	8.1	33.5	6.7	3	6.7
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR7	Cloudy	Rough	07:20	4.5	Surface	1	2	21.4	8	34.5	6.6	3	6.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR7	Cloudy	Rough	07:20	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR7	Cloudy	Rough	07:20	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR7	Cloudy	Rough	07:20	4.5	Bottom	3	1	21.3	8.1	33.5	6.7	3.3	8.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	SR7	Cloudy	Rough	07:20	4.5	Bottom	3	2	21.4	8	34.6	6.7	3	8.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS17	Cloudy	Moderate	08:30	10.6	Surface	1	1	21	8.1	33.4	6.8	4.1	7.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS17	Cloudy	Moderate	08:30	10.6	Surface	1	2	21	8	34.4	6.7	3.8	7.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS17	Cloudy	Moderate	08:30	10.6	Middle	2	1	21	8.1	33.4	6.7	4.4	8
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS17	Cloudy	Moderate	08:30	10.6	Middle	2	2	21.1	8	34.4	6.7	4.1	8.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS17	Cloudy	Moderate	08:30	10.6	Bottom	3	1	21	8.1	33.4	6.7	5	9
TMCLKL	HY/2012/08	2019-12-06	Mid-Ebb	IS17	Cloudy	Moderate	08:30	10.6	Bottom	3	2	21.1	8	34.4	6.7	4.8	9.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)5	Fine	Moderate	16:16	12.5	Surface	1	1	21.7	8.1	33.6	6.6	6.7	11.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)5	Fine	Moderate	16:16	12.5	Surface	1	2	21.8	8	34.5	6.6	6.1	11.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)5	Fine	Moderate	16:16	12.5	Middle	2	1	21.7	8.1	33.6	6.6	6.2	11.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)5	Fine	Moderate	16:16	12.5	Middle	2	2	21.8	8	34.5	6.6	5.7	11.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)5	Fine	Moderate	16:16	12.5	Bottom	3	1	21.7	8.1	33.6	6.6	9.6	11.9

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	2019-12-06	Mid-Flood	CS(Mf)5	Fine	Moderate	16:16	12.5	Bottom	3	2	21.8	8	34.5	6.6	9.4	12.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)3(N)	Fine	Rough	15:17	7	Surface	1	1	20.2	8.1	33.2	7.3	7.2	14.1
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)3(N)	Fine	Rough	15:17	7	Surface	1	2	20.2	8.1	34.2	7.3	6.2	14.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)3(N)	Fine	Rough	15:17	7	Middle	2	1	20.2	8.1	33.2	7.3	7.3	11
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)3(N)	Fine	Rough	15:17	7	Middle	2	2	20.2	8	34.2	7.3	6.6	10.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)3(N)	Fine	Rough	15:17	7	Bottom	3	1	20.1	8.1	33.2	7.3	8	9.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	CS(Mf)3(N)	Fine	Rough	15:17	7	Bottom	3	2	20.1	8	34.2	7.3	7.4	9
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)16	Fine	Moderate	14:33	5.7	Surface	1	1	20.9	8.1	33.4	7	5.6	11.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)16	Fine	Moderate	14:33	5.7	Surface	1	2	21	8	34.4	7	5.2	12.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)16	Fine	Moderate	14:33	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)16	Fine	Moderate	14:33	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)16	Fine	Moderate	14:33	5.7	Bottom	3	1	20.9	8.1	33.4	7	12.2	13.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)16	Fine	Moderate	14:33	5.7	Bottom	3	2	21	8	34.4	7	11.5	14.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4a	Fine	Calm	14:21	4.4	Surface	1	1	20	8.1	32.9	7.2	8.6	14
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4a	Fine	Calm	14:21	4.4	Surface	1	2	20.1	8	33.9	7.1	8.1	14.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4a	Fine	Calm	14:21	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4a	Fine	Calm	14:21	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4a	Fine	Calm	14:21	4.4	Bottom	3	1	20	8.1	33	7	7.6	12.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4a	Fine	Calm	14:21	4.4	Bottom	3	2	20.1	8	34	7	7.4	12.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4(N2)	Fine	Calm	14:14	4.1	Surface	1	1	19.9	8.1	32.6	7.1	6.5	12.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4(N2)	Fine	Calm	14:14	4.1	Surface	1	2	19.9	8	33.6	7	6	12.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4(N2)	Fine	Calm	14:14	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4(N2)	Fine	Calm	14:14	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4(N2)	Fine	Calm	14:14	4.1	Bottom	3	1	20	8.1	33	7.1	8.5	15.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR4(N2)	Fine	Calm	14:14	4.1	Bottom	3	2	20	8	34	7	8	16.1
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS8(N)	Fine	Calm	14:06	3.6	Surface	1	1	20	8.1	32.9	7.2	5.6	10.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS8(N)	Fine	Calm	14:06	3.6	Surface	1	2	20	8	33.9	7.2	5.1	10.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS8(N)	Fine	Calm	14:06	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS8(N)	Fine	Calm	14:06	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS8(N)	Fine	Calm	14:06	3.6	Bottom	3	1	20	8.1	33	7.2	6.7	12
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS8(N)	Fine	Calm	14:06	3.6	Bottom	3	2	20.1	8	34	7.2	6.4	11.4
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)9	Fine	Calm	13:57	3.3	Surface	1	1	20	8.1	32.9	7.1	10	16.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)9	Fine	Calm	13:57	3.3	Surface	1	2	20	8	33.8	7.1	9.4	16.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)9	Fine	Calm	13:57	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)9	Fine	Calm	13:57	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)9	Fine	Calm	13:57	3.3	Bottom	3	1	19.9	8.1	32.8	7.1	10.7	18.8
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)9	Fine	Calm	13:57	3.3	Bottom	3	2	20	8	33.9	7.1	9.7	18.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)11	Fine	Rough	14:51	11.1	Surface	1	1	20.7	8.1	33.3	7	7.8	17
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)11	Fine	Rough	14:51	11.1	Surface	1	2	20.7	8	34.2	6.9	7.2	16.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)11	Fine	Rough	14:51	11.1	Middle	2	1	20.7	8.1	33.3	6.9	9.4	14.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)11	Fine	Rough	14:51	11.1	Middle	2	2	20.7	8	34.3	6.9	8.7	14.7
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)11	Fine	Rough	14:51	11.1	Bottom	3	1	20.6	8.1	33.2	6.9	9.7	12.9
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS(Mf)11	Fine	Rough	14:51	11.1	Bottom	3	2	20.6	8	34.2	6.9	9.1	12.3
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR7	Fine	Rough	15:51	4.5	Surface	1	1	21.5	8.1	33.6	6.9	3.6	12.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR7	Fine	Rough	15:51	4.5	Surface	1	2	21.5	8	34.6	6.9	3.5	12.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR7	Fine	Rough	15:51	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR7	Fine	Rough	15:51	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR7	Fine	Rough	15:51	4.5	Bottom	3	1	21.5	8.1	33.6	6.9	4.1	11.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	SR7	Fine	Rough	15:51	4.5	Bottom	3	2	21.5	8	34.6	6.9	3.8	11.1
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS17	Fine	Moderate	14:42	10.9	Surface	1	1	21.5	8.1	33.5	6.9	2.7	13.5
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS17	Fine	Moderate	14:42	10.9	Surface	1	2	21.5	8	34.5	6.8	2.6	13.7
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS17	Fine	Moderate	14:42	10.9	Middle	2	1	21.4	8.1	33.5	6.9	3.6	12.2
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS17	Fine	Moderate	14:42	10.9	Middle	2	2	21.4	8	34.5	6.8	3.4	11.6
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS17	Fine	Moderate	14:42	10.9	Bottom	3	1	21.2	8.1	33.5	6.9	5.2	13.7
TMCLKL	HY/2012/08	2019-12-06	Mid-Flood	IS17	Fine	Moderate	14:42	10.9	Bottom	3	2	21.2	8	34.5	6.9	4.9	14
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:34	12.5	Surface	1	1	20.7	8	34.6	6.6	2.8	5.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:34	12.5	Surface	1	2	20.7	8.2	33.6	6.7	3	6.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:34	12.5	Middle	2	1	20.7	8	34.6	6.6	3	6.8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:34	12.5	Middle	2	2	20.6	8.2	33.6	6.7	3.2	6.6
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:34	12.5	Bottom	3	1	20.7	8	34.6	6.6	2.8	6.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	09:34	12.5	Bottom	3	2	20.6	8.2	33.6	6.7	3.3	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	2019-12-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:34	7.3	Surface	1	1	19.3	8	34.6	7.4	5.2	12.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:34	7.3	Surface	1	2	19.2	8.2	33.6	7.4	5.7	11.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:34	7.3	Middle	2	1	19.2	8	34.6	7.3	5.9	10.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:34	7.3	Middle	2	2	19.2	8.2	33.6	7.3	6.2	10.7
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:34	7.3	Bottom	3	1	19.2	8	34.6	7.3	5.7	9.8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:34	7.3	Bottom	3	2	19.1	8.2	33.6	7.3	7.2	10
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)16	Sunny	Calm	11:12	5.4	Surface	1	1	19.8	8	34.4	7.1	8.9	11.7
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)16	Sunny	Calm	11:12	5.4	Surface	1	2	19.7	8.2	33.4	7.1	8.4	10.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)16	Sunny	Calm	11:12	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)16	Sunny	Calm	11:12	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)16	Sunny	Calm	11:12	5.4	Bottom	3	1	19.8	8	34.4	7.2	10.6	13.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)16	Sunny	Calm	11:12	5.4	Bottom	3	2	19.7	8.2	33.4	7.2	10.1	11.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4a	Sunny	Calm	11:21	4.4	Surface	1	1	20.1	8	34.5	7.1	3.3	6.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4a	Sunny	Calm	11:21	4.4	Surface	1	2	20.1	8.2	33.5	7.1	3.6	7.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4a	Sunny	Calm	11:21	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4a	Sunny	Calm	11:21	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4a	Sunny	Calm	11:21	4.4	Bottom	3	1	19.9	8	34.5	7.2	3.6	7.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4a	Sunny	Calm	11:21	4.4	Bottom	3	2	19.9	8.2	33.4	7.2	4	8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4(N2)	Sunny	Calm	11:27	3.3	Surface	1	1	19.6	8	34.2	7.1	4.7	9.6
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4(N2)	Sunny	Calm	11:27	3.3	Surface	1	2	19.6	8.2	33.2	7.1	5.1	9.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4(N2)	Sunny	Calm	11:27	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4(N2)	Sunny	Calm	11:27	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4(N2)	Sunny	Calm	11:27	3.3	Bottom	3	1	19.7	8	34.3	7.1	4	13.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR4(N2)	Sunny	Calm	11:27	3.3	Bottom	3	2	19.7	8.2	33.3	7.2	4.3	12.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS8(N)	Sunny	Calm	11:33	4	Surface	1	1	19.9	8	34.5	7.1	5.1	8.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS8(N)	Sunny	Calm	11:33	4	Surface	1	2	19.8	8.2	33.5	7.2	5.6	10.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS8(N)	Sunny	Calm	11:33	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS8(N)	Sunny	Calm	11:33	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS8(N)	Sunny	Calm	11:33	4	Bottom	3	1	19.8	8	34.4	7.1	5.7	11.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS8(N)	Sunny	Calm	11:33	4	Bottom	3	2	19.7	8.2	33.4	7.2	6.4	11
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)9	Sunny	Calm	11:41	3.1	Surface	1	1	19.8	8	34.4	7.1	4.4	8.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)9	Sunny	Calm	11:41	3.1	Surface	1	2	19.7	8.2	33.4	7.1	4.9	8.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)9	Sunny	Calm	11:41	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)9	Sunny	Calm	11:41	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)9	Sunny	Calm	11:41	3.1	Bottom	3	1	19.6	8	34.4	7.2	4.5	4.8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)9	Sunny	Calm	11:41	3.1	Bottom	3	2	19.5	8.2	33.3	7.3	5.1	3.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)11	Cloudy	Rough	10:58	11.2	Surface	1	1	20.3	8	34.6	7	3.2	6.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)11	Cloudy	Rough	10:58	11.2	Surface	1	2	20.3	8.2	33.6	7	3.2	6.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)11	Cloudy	Rough	10:58	11.2	Middle	2	1	20	8	34.6	7	5	10.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)11	Cloudy	Rough	10:58	11.2	Middle	2	2	20	8.2	33.6	7	5.2	10.8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)11	Cloudy	Rough	10:58	11.2	Bottom	3	1	19.9	8	34.6	7	5.9	10.1
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS(Mf)11	Cloudy	Rough	10:58	11.2	Bottom	3	2	19.8	8.2	33.5	7	6.8	11
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR7	Cloudy	Rough	10:01	4.5	Surface	1	1	20.1	8	34.5	6.9	4.1	8.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR7	Cloudy	Rough	10:01	4.5	Surface	1	2	20.1	8.2	33.5	6.9	4.4	9.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR7	Cloudy	Rough	10:01	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR7	Cloudy	Rough	10:01	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR7	Cloudy	Rough	10:01	4.5	Bottom	3	1	20.1	8	34.6	6.9	4.4	5.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	SR7	Cloudy	Rough	10:01	4.5	Bottom	3	2	20.1	8.2	33.5	6.9	4.8	4.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS17	Sunny	Moderate	11:05	10.1	Surface	1	1	20.2	8	34.5	7	4.1	5.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS17	Sunny	Moderate	11:05	10.1	Surface	1	2	20.1	8.2	33.5	7.1	4.8	6.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS17	Sunny	Moderate	11:05	10.1	Middle	2	1	19.8	8	34.5	7	5.9	9
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS17	Sunny	Moderate	11:05	10.1	Middle	2	2	19.8	8.2	33.5	7.1	6.7	8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS17	Sunny	Moderate	11:05	10.1	Bottom	3	1	19.8	8	34.5	7	7.6	8
TMCLKL	HY/2012/08	2019-12-09	Mid-Ebb	IS17	Sunny	Moderate	11:05	10.1	Bottom	3	2	19.7	8.2	33.5	7.1	8	8.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)5	Fine	Moderate	17:09	12.5	Surface	1	1	20.7	8.2	33.6	6.7	5.1	12.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)5	Fine	Moderate	17:09	12.5	Surface	1	2	20.8	8	34.5	6.7	5.3	12.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)5	Fine	Moderate	17:09	12.5	Middle	2	1	20.7	8.2	33.6	6.7	6	10.1
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)5	Fine	Moderate	17:09	12.5	Middle	2	2	20.7	8	34.6	6.6	5.2	10.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)5	Fine	Moderate	17:09	12.5	Bottom	3	1	20.7	8.2	33.6	6.7	6.9	10.1
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)5	Fine	Moderate	17:09	12.5	Bottom	3	2	20.7	8	34.6	6.7	6.1	11
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:11	7	Surface	1	1	19.6	8.2	33.5	7.6	6	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	2019-12-09	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:11	7	Surface	1	2	19.7	8	34.5	7.6	5.2	12.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:11	7	Middle	2	1	19.6	8.2	33.5	7.6	6	10.8
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:11	7	Middle	2	2	19.7	8	34.5	7.5	5.2	10.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:11	7	Bottom	3	1	19.6	8.2	33.5	7.6	5.5	8.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:11	7	Bottom	3	2	19.7	8	34.6	7.5	4.9	9.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)16	Fine	Moderate	15:35	5.3	Surface	1	1	20.4	8.2	33.5	7	6.5	5.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)16	Fine	Moderate	15:35	5.3	Surface	1	2	20.5	8	34.5	7	6	5.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)16	Fine	Moderate	15:35	5.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)16	Fine	Moderate	15:35	5.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)16	Fine	Moderate	15:35	5.3	Bottom	3	1	20.4	8.2	33.5	7	8.3	5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)16	Fine	Moderate	15:35	5.3	Bottom	3	2	20.4	8	34.6	7	7.7	6
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4a	Fine	Calm	15:25	4.2	Surface	1	1	20.6	8.2	33.4	7.3	3	6.7
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4a	Fine	Calm	15:25	4.2	Surface	1	2	20.6	8	34.4	7.2	2.9	6.1
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4a	Fine	Calm	15:25	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4a	Fine	Calm	15:25	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4a	Fine	Calm	15:25	4.2	Bottom	3	1	20.2	8.2	33.4	7.3	3.6	9.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4a	Fine	Calm	15:25	4.2	Bottom	3	2	20.2	8	34.5	7.3	3.5	10.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4(N2)	Fine	Calm	15:21	3.2	Surface	1	1	20.1	8.2	33.4	7.3	3.5	9.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4(N2)	Fine	Calm	15:21	3.2	Surface	1	2	20.2	8	34.4	7.3	3.4	8.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4(N2)	Fine	Calm	15:21	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4(N2)	Fine	Calm	15:21	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4(N2)	Fine	Calm	15:21	3.2	Bottom	3	1	20.1	8.2	33.5	7.4	3.4	11.1
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR4(N2)	Fine	Calm	15:21	3.2	Bottom	3	2	20.2	8	34.5	7.4	3.3	12.7
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS8(N)	Fine	Calm	15:15	3.7	Surface	1	1	20.2	8.2	33.5	7	11	5.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS8(N)	Fine	Calm	15:15	3.7	Surface	1	2	20.3	8	34.5	7	10	6.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS8(N)	Fine	Calm	15:15	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS8(N)	Fine	Calm	15:15	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS8(N)	Fine	Calm	15:15	3.7	Bottom	3	1	20.2	8.2	33.5	7.1	10.3	8.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS8(N)	Fine	Calm	15:15	3.7	Bottom	3	2	20.3	8	34.5	7.1	9.5	8.8
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)9	Fine	Calm	15:10	3	Surface	1	1	19.7	8.2	33.3	7.4	6.6	8.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)9	Fine	Calm	15:10	3	Surface	1	2	19.8	8	34.3	7.3	6	8.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)9	Fine	Calm	15:10	3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)9	Fine	Calm	15:10	3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)9	Fine	Calm	15:10	3	Bottom	3	1	19.7	8.2	33.3	7.4	7	5.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)9	Fine	Calm	15:10	3	Bottom	3	2	19.8	8	34.3	7.3	6.2	6.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)11	Fine	Moderate	15:48	11	Surface	1	1	20.2	8.2	33.5	7.1	9.9	9.6
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)11	Fine	Moderate	15:48	11	Surface	1	2	20.2	8	34.5	7	8.6	8.7
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)11	Fine	Moderate	15:48	11	Middle	2	1	20.2	8.2	33.5	7	9.9	18.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)11	Fine	Moderate	15:48	11	Middle	2	2	20.2	8	34.5	7	9.2	17
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)11	Fine	Moderate	15:48	11	Bottom	3	1	20.1	8.2	33.5	7	10	14.9
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS(Mf)11	Fine	Moderate	15:48	11	Bottom	3	2	20.2	8	34.5	7	9	14.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR7	Fine	Moderate	16:45	4.3	Surface	1	1	20.4	8.2	33.6	7.1	6.3	11.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR7	Fine	Moderate	16:45	4.3	Surface	1	2	20.4	8	34.5	7.2	5.5	10.2
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR7	Fine	Moderate	16:45	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR7	Fine	Moderate	16:45	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR7	Fine	Moderate	16:45	4.3	Bottom	3	1	20.4	8.2	33.6	7.1	6	11.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	SR7	Fine	Moderate	16:45	4.3	Bottom	3	2	20.4	8	34.5	7.2	5.6	12
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS17	Fine	Moderate	15:42	9.9	Surface	1	1	20.3	8.2	33.6	7.3	2.9	7.1
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS17	Fine	Moderate	15:42	9.9	Surface	1	2	20.4	8	34.6	7.2	2.8	6.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS17	Fine	Moderate	15:42	9.9	Middle	2	1	20.1	8.2	33.5	7.1	5.7	7.3
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS17	Fine	Moderate	15:42	9.9	Middle	2	2	20.2	8	34.5	7	5.1	7.5
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS17	Fine	Moderate	15:42	9.9	Bottom	3	1	20.1	8.2	33.5	7	6.2	7.4
TMCLKL	HY/2012/08	2019-12-09	Mid-Flood	IS17	Fine	Moderate	15:42	9.9	Bottom	3	2	20.2	8	34.5	7	5.9	6.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)5	Sunny	Calm	10:55	14.2	Surface	1	1	20.5	8.2	33.6	6.6	3.4	4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)5	Sunny	Calm	10:55	14.2	Surface	1	2	20.5	8.1	34.6	6.6	3.4	3.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)5	Sunny	Calm	10:55	14.2	Middle	2	1	20.4	8.2	33.5	6.6	4.4	3.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)5	Sunny	Calm	10:55	14.2	Middle	2	2	20.4	8	34.6	6.6	4.3	4.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)5	Sunny	Calm	10:55	14.2	Bottom	3	1	20.3	8.2	33.5	6.6	4.6	4.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)5	Sunny	Calm	10:55	14.2	Bottom	3	2	20.4	8	34.6	6.6	4.5	4.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	11:51	7	Surface	1	1	19.7	8.2	33.1	7.4	5.9	4.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	11:51	7	Surface	1	2	19.8	8	34.1	7.3	5.9	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	2019-12-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	11:51	7	Middle	2	1	19.6	8.2	33.3	7.3	9.4	6.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	11:51	7	Middle	2	2	19.6	8	34.3	7.3	9.3	5.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	11:51	7	Bottom	3	1	19.5	8.2	33.5	7.3	14.1	6.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	11:51	7	Bottom	3	2	19.5	8	34.5	7.3	14	5.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:30	4.6	Surface	1	1	20	8.2	33.5	7.1	11.8	7.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:30	4.6	Surface	1	2	20.1	8	34.5	7.1	11.7	6.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:30	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:30	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:30	4.6	Bottom	3	1	20	8.2	33.5	7.1	12.6	7.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:30	4.6	Bottom	3	2	20	8	34.5	7.1	12.6	6.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4a	Sunny	Calm	12:41	4.3	Surface	1	1	19.9	8.2	33.5	7	6.8	7.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4a	Sunny	Calm	12:41	4.3	Surface	1	2	20.6	8	34.5	7.2	6.8	6.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4a	Sunny	Calm	12:41	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4a	Sunny	Calm	12:41	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4a	Sunny	Calm	12:41	4.3	Bottom	3	1	20.5	8.2	33.5	7.3	3.5	6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4a	Sunny	Calm	12:41	4.3	Bottom	3	2	20.2	8	34.5	7.2	3.5	6.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4(N2)	Sunny	Calm	12:48	3.5	Surface	1	1	20	8.2	33.5	7.1	6.7	4.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4(N2)	Sunny	Calm	12:48	3.5	Surface	1	2	20	8	34.4	7.1	6.7	5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4(N2)	Sunny	Calm	12:48	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4(N2)	Sunny	Calm	12:48	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4(N2)	Sunny	Calm	12:48	3.5	Bottom	3	1	20	8.2	33.5	7.1	7.6	4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR4(N2)	Sunny	Calm	12:48	3.5	Bottom	3	2	20	8	34.5	7.1	7.7	4.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS8(N)	Sunny	Calm	12:54	3.6	Surface	1	1	20.1	8.2	33.4	7.2	8.8	4.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS8(N)	Sunny	Calm	12:54	3.6	Surface	1	2	20.1	8.1	34.4	7.2	8	12.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS8(N)	Sunny	Calm	12:54	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS8(N)	Sunny	Calm	12:54	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS8(N)	Sunny	Calm	12:54	3.6	Bottom	3	1	20	8.2	33.5	7.2	8.1	6.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS8(N)	Sunny	Calm	12:54	3.6	Bottom	3	2	20.1	8	34.4	7.2	8.1	6.3
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)9	Sunny	Calm	13:03	3.4	Surface	1	1	20.1	8.2	33.5	7.4	5.6	6.3
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)9	Sunny	Calm	13:03	3.4	Surface	1	2	20.2	8	34.4	7.3	5.5	5.7
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)9	Sunny	Calm	13:03	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)9	Sunny	Calm	13:03	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)9	Sunny	Calm	13:03	3.4	Bottom	3	1	19.7	8.2	33.4	7.2	9.6	6.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)9	Sunny	Calm	13:03	3.4	Bottom	3	2	19.7	8	34.4	7.2	9.5	6.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:15	12.3	Surface	1	1	20.1	8.2	33.6	7.3	3.7	6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:15	12.3	Surface	1	2	20.2	8	34.6	7.2	3.8	7
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:15	12.3	Middle	2	1	19.8	8.2	33.6	7.2	4.6	6.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:15	12.3	Middle	2	2	19.9	8	34.6	7.1	4.6	5.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:15	12.3	Bottom	3	1	19.7	8.2	33.6	7.1	7.1	5.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:15	12.3	Bottom	3	2	19.8	8	34.6	7.1	7.1	5.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR7	Sunny	Calm	11:18	4.8	Surface	1	1	19.9	8.2	33.6	7.1	5.6	4.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR7	Sunny	Calm	11:18	4.8	Surface	1	2	20	8	34.6	7	5.5	5.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR7	Sunny	Calm	11:18	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR7	Sunny	Calm	11:18	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR7	Sunny	Calm	11:18	4.8	Bottom	3	1	19.7	8.2	33.6	7.2	6.1	5.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	SR7	Sunny	Calm	11:18	4.8	Bottom	3	2	19.7	8	34.6	7.1	6.1	6.3
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS17	Sunny	Calm	12:24	7.5	Surface	1	1	19.8	8.2	33.5	7.2	8.1	8.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS17	Sunny	Calm	12:24	7.5	Surface	1	2	19.9	8	34.5	7.1	8.1	7.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS17	Sunny	Calm	12:24	7.5	Middle	2	1	19.8	8.2	33.5	7.2	8.2	6
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS17	Sunny	Calm	12:24	7.5	Middle	2	2	19.9	8	34.5	7.1	8.2	6.7
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS17	Sunny	Calm	12:24	7.5	Bottom	3	1	19.8	8.2	33.5	7.2	11	5.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Ebb	IS17	Sunny	Calm	12:24	7.5	Bottom	3	2	19.9	8	34.6	7.2	11	6.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)5	Sunny	Calm	18:14	14.2	Surface	1	1	20.7	8.2	33.5	6.8	2.1	5.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)5	Sunny	Calm	18:14	14.2	Surface	1	2	20.7	8.2	34.5	6.7	2.2	4.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)5	Sunny	Calm	18:14	14.2	Middle	2	1	20.5	8.2	33.5	6.7	4	5.3
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)5	Sunny	Calm	18:14	14.2	Middle	2	2	20.5	8.1	34.5	6.6	3.9	5.7
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)5	Sunny	Calm	18:14	14.2	Bottom	3	1	20.4	8.2	33.5	6.7	9.6	6.7
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)5	Sunny	Calm	18:14	14.2	Bottom	3	2	20.4	8.1	34.5	6.6	9	5.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)3(N)	Sunny	Calm	17:15	7.1	Surface	1	1	19.8	8.2	33.1	7.6	4.6	11.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)3(N)	Sunny	Calm	17:15	7.1	Surface	1	2	19.9	8	34.1	7.6	4.6	11.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)3(N)	Sunny	Calm	17:15	7.1	Middle	2	1	19.8	8.2	33.1	7.6	4.6	7.1

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	2019-12-11	Mid-Flood	CS(Mf)3(N)	Sunny	Calm	17:15	7.1	Middle	2	2	19.9	8	34.1	7.5	4.5	8.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)3(N)	Sunny	Calm	17:15	7.1	Bottom	3	1	19.8	8.2	33.2	7.5	5	7
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	CS(Mf)3(N)	Sunny	Calm	17:15	7.1	Bottom	3	2	19.9	8	34.1	7.5	4.6	6.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)16	Sunny	Calm	16:36	5.5	Surface	1	1	20.1	8.2	33.5	7.2	6.1	11.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)16	Sunny	Calm	16:36	5.5	Surface	1	2	20.2	8	34.5	7.2	6.2	10.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)16	Sunny	Calm	16:36	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)16	Sunny	Calm	16:36	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)16	Sunny	Calm	16:36	5.5	Bottom	3	1	20.1	8.2	33.5	7.2	13.4	11.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)16	Sunny	Calm	16:36	5.5	Bottom	3	2	20.2	8	34.5	7.2	13.4	10
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4a	Sunny	Calm	16:26	3.5	Surface	1	1	20.7	8.2	33.5	7.6	3.3	10.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4a	Sunny	Calm	16:26	3.5	Surface	1	2	20.7	8	34.5	7.6	3.3	11.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4a	Sunny	Calm	16:26	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4a	Sunny	Calm	16:26	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4a	Sunny	Calm	16:26	3.5	Bottom	3	1	20.2	8.2	33.5	7.3	4.2	11.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4a	Sunny	Calm	16:26	3.5	Bottom	3	2	20.3	8	34.5	7.2	4.2	10.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4(N2)	Sunny	Calm	16:21	4	Surface	1	1	20.3	8.2	33.4	7.3	4.4	8
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4(N2)	Sunny	Calm	16:21	4	Surface	1	2	20.4	8	34.4	7.3	4.4	9
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4(N2)	Sunny	Calm	16:21	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4(N2)	Sunny	Calm	16:21	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4(N2)	Sunny	Calm	16:21	4	Bottom	3	1	20.2	8.2	33.5	7.3	5.5	11.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR4(N2)	Sunny	Calm	16:21	4	Bottom	3	2	20.2	8	34.5	7.2	5.4	12.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS8(N)	Sunny	Calm	16:13	4.4	Surface	1	1	20.3	8.1	33.5	7.4	6.7	4.3
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS8(N)	Sunny	Calm	16:13	4.4	Surface	1	2	20.4	8	34.5	7.4	6.7	5.3
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS8(N)	Sunny	Calm	16:13	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS8(N)	Sunny	Calm	16:13	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS8(N)	Sunny	Calm	16:13	4.4	Bottom	3	1	20.2	8.1	33.5	7.3	7.6	7.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS8(N)	Sunny	Calm	16:13	4.4	Bottom	3	2	20.2	8.1	34.5	7.3	7.6	6.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)9	Sunny	Calm	16:04	3.9	Surface	1	1	20.3	8.2	33.4	7.5	6.6	6.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)9	Sunny	Calm	16:04	3.9	Surface	1	2	20.3	8	34.4	7.5	6.5	6.4
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)9	Sunny	Calm	16:04	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)9	Sunny	Calm	16:04	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)9	Sunny	Calm	16:04	3.9	Bottom	3	1	19.8	8.2	33.4	7.3	13	5.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)9	Sunny	Calm	16:04	3.9	Bottom	3	2	19.8	8	34.4	7.2	12.9	5.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)11	Sunny	Calm	16:50	11.3	Surface	1	1	20	8.2	33.5	7.3	7.1	7.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)11	Sunny	Calm	16:50	11.3	Surface	1	2	20.1	8	34.5	7.2	7.1	7.2
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)11	Sunny	Calm	16:50	11.3	Middle	2	1	20	8.2	33.5	7.1	10.6	7
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)11	Sunny	Calm	16:50	11.3	Middle	2	2	20	8	34.5	7.1	10.6	6.8
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)11	Sunny	Calm	16:50	11.3	Bottom	3	1	20	8.2	33.5	7.1	13.6	7.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS(Mf)11	Sunny	Calm	16:50	11.3	Bottom	3	2	20	8	34.5	7.1	12.5	6.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR7	Sunny	Calm	17:50	4.3	Surface	1	1	19.9	8.2	33.5	7.3	5.8	5.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR7	Sunny	Calm	17:50	4.3	Surface	1	2	20	8	34.5	7.3	5.8	6.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR7	Sunny	Calm	17:50	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR7	Sunny	Calm	17:50	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR7	Sunny	Calm	17:50	4.3	Bottom	3	1	19.9	8.2	33.5	7.3	6.7	6.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	SR7	Sunny	Calm	17:50	4.3	Bottom	3	2	20	8	34.5	7.2	6.6	6.1
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS17	Sunny	Calm	16:43	11.9	Surface	1	1	20.1	8.2	33.5	7.3	8.1	11.9
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS17	Sunny	Calm	16:43	11.9	Surface	1	2	20.2	8	34.5	7.2	8.2	12.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS17	Sunny	Calm	16:43	11.9	Middle	2	1	19.9	8.2	33.6	7.2	6.7	9.5
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS17	Sunny	Calm	16:43	11.9	Middle	2	2	20	8	34.6	7.1	6.7	9.6
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS17	Sunny	Calm	16:43	11.9	Bottom	3	1	19.9	8.2	33.6	7.1	6.7	9
TMCLKL	HY/2012/08	2019-12-11	Mid-Flood	IS17	Sunny	Calm	16:43	11.9	Bottom	3	2	19.9	8	34.6	7.1	6.5	9.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)5	Sunny	Calm	13:51	14.2	Surface	1	1	20.3	8	34.3	6.9	4.2	5.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)5	Sunny	Calm	13:51	14.2	Surface	1	2	20.2	8.2	33.3	7	4.6	5.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)5	Sunny	Calm	13:51	14.2	Middle	2	1	20.2	8	34.3	6.8	4.7	5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)5	Sunny	Calm	13:51	14.2	Middle	2	2	20.2	8.2	33.4	6.8	4.8	5.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)5	Sunny	Calm	13:51	14.2	Bottom	3	1	20.2	8	34.4	6.9	5.8	5.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)5	Sunny	Calm	13:51	14.2	Bottom	3	2	20.2	8.2	33.4	7	6	6.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	13:08	7.2	Surface	1	1	19.8	8	33.8	7.3	9.3	10.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	13:08	7.2	Surface	1	2	19.8	8.2	32.9	7.3	10.1	10.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	13:08	7.2	Middle	2	1	19.6	8	33.9	7.3	14	11.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	13:08	7.2	Middle	2	2	19.6	8.2	32.9	7.3	13.9	13.2

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	2019-12-13	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	13:08	7.2	Bottom	3	1	19.6	8	33.9	7.3	13.7	13.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	13:08	7.2	Bottom	3	2	19.6	8.2	32.9	7.3	13.8	11.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:28	5.5	Surface	1	1	19.8	8	34.1	7.1	8.3	7
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:28	5.5	Surface	1	2	19.7	8.2	33.2	7.2	9.1	8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:28	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:28	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:28	5.5	Bottom	3	1	19.7	8	34.1	7.1	10.3	6.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)16	Sunny	Calm	12:28	5.5	Bottom	3	2	19.6	8.2	33.2	7.1	11.3	7.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4a	Sunny	Calm	12:19	4.4	Surface	1	1	19.9	8	34.3	7	5.6	7.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4a	Sunny	Calm	12:19	4.4	Surface	1	2	19.8	8.2	33.4	7	5.9	6.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4a	Sunny	Calm	12:19	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4a	Sunny	Calm	12:19	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4a	Sunny	Calm	12:19	4.4	Bottom	3	1	19.8	8	34.3	6.9	6.1	6.6
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4a	Sunny	Calm	12:19	4.4	Bottom	3	2	19.8	8.2	33.4	7	6.8	7.6
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4(N2)	Sunny	Calm	12:15	3.3	Surface	1	1	19.9	8	34.3	7	5.7	16.1
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4(N2)	Sunny	Calm	12:15	3.3	Surface	1	2	19.8	8.2	33.3	7.1	6.1	17.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4(N2)	Sunny	Calm	12:15	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4(N2)	Sunny	Calm	12:15	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4(N2)	Sunny	Calm	12:15	3.3	Bottom	3	1	19.8	8	34.3	7	6.1	13.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR4(N2)	Sunny	Calm	12:15	3.3	Bottom	3	2	19.8	8.2	33.3	7	6.6	15.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS8(N)	Sunny	Calm	12:11	3.7	Surface	1	1	19.8	8	34.3	7.1	11.1	17.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS8(N)	Sunny	Calm	12:11	3.7	Surface	1	2	19.7	8.2	33.3	7.1	12.2	17.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS8(N)	Sunny	Calm	12:11	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS8(N)	Sunny	Calm	12:11	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS8(N)	Sunny	Calm	12:11	3.7	Bottom	3	1	19.8	8	34.3	7	12.3	15.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS8(N)	Sunny	Calm	12:11	3.7	Bottom	3	2	19.7	8.2	33.3	7.1	12.7	16.6
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)9	Sunny	Calm	12:00	3	Surface	1	1	19.8	8.2	34.3	7.1	9.6	14
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)9	Sunny	Calm	12:00	3	Surface	1	2	19.7	8.2	33.4	7.2	10.3	14.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)9	Sunny	Calm	12:00	3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)9	Sunny	Calm	12:00	3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)9	Sunny	Calm	12:00	3	Bottom	3	1	19.7	8.2	34.4	7	10.7	14.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)9	Sunny	Calm	12:00	3	Bottom	3	2	19.7	8.2	33.4	7.1	11.3	16.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:42	11	Surface	1	1	19.8	8	34.1	7.2	5.5	15.6
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:42	11	Surface	1	2	19.7	8.2	33.2	7.2	5.8	15.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:42	11	Middle	2	1	19.7	8	34.1	7.1	8.1	14.6
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:42	11	Middle	2	2	19.7	8.2	33.2	7.1	8.3	15.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:42	11	Bottom	3	1	19.7	8	34.1	7.1	9.9	9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS(Mf)11	Sunny	Calm	12:42	11	Bottom	3	2	19.7	8.2	33.2	7.1	11	8.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR7	Sunny	Calm	13:08	4.3	Surface	1	1	19.8	8.1	34.1	7.2	5.1	13.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR7	Sunny	Calm	13:08	4.3	Surface	1	2	19.7	8.2	33.1	7.2	5.5	12.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR7	Sunny	Calm	13:08	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR7	Sunny	Calm	13:08	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR7	Sunny	Calm	13:08	4.3	Bottom	3	1	19.7	8.1	34.1	7.3	5.3	12.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	SR7	Sunny	Calm	13:08	4.3	Bottom	3	2	19.7	8.2	33.1	7.2	5.8	12.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS17	Sunny	Rough	12:34	11.5	Surface	1	1	19.9	8	34.1	7.1	5.2	11.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS17	Sunny	Rough	12:34	11.5	Surface	1	2	19.8	8.2	33.2	7.2	5.7	10.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS17	Sunny	Rough	12:34	11.5	Middle	2	1	19.7	8	34.1	7.1	6.4	14.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS17	Sunny	Rough	12:34	11.5	Middle	2	2	19.7	8.2	33.2	7.1	7	13.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS17	Sunny	Rough	12:34	11.5	Bottom	3	1	19.7	8	34.1	7	7.1	16.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Ebb	IS17	Sunny	Rough	12:34	11.5	Bottom	3	2	19.7	8.2	33.2	7.1	7.7	15.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)5	Cloudy	Moderate	08:11	12.2	Surface	1	1	19.8	8.2	33.2	7	6.9	14.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)5	Cloudy	Moderate	08:11	12.2	Surface	1	2	19.9	8	34.2	7	6.6	13.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)5	Cloudy	Moderate	08:11	12.2	Middle	2	1	19.8	8.2	33.3	7	10.4	13.1
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)5	Cloudy	Moderate	08:11	12.2	Middle	2	2	19.9	8	34.2	6.9	9.9	14.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)5	Cloudy	Moderate	08:11	12.2	Bottom	3	1	19.8	8.2	33.3	6.9	13.8	16.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)5	Cloudy	Moderate	08:11	12.2	Bottom	3	2	19.9	8	34.2	6.9	12.5	17.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:56	7	Surface	1	1	19.4	8.2	33.3	7.2	6.6	12.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:56	7	Surface	1	2	19.5	8	34.3	7.1	6.1	13.1
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:56	7	Middle	2	1	19.4	8.2	33.3	7.1	7	13.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:56	7	Middle	2	2	19.4	8	34.3	7.1	6.5	12.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:56	7	Bottom	3	1	19.4	8.2	33.3	7.1	7.2	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	2019-12-13	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:56	7	Bottom	3	2	19.5	8	34.3	7.1	6.8	14.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)16	Sunny	Calm	09:32	5	Surface	1	1	19.4	8.2	33.3	7.2	6.1	15.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)16	Sunny	Calm	09:32	5	Surface	1	2	19.5	8	34.3	7.1	5.8	13.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)16	Sunny	Calm	09:32	5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)16	Sunny	Calm	09:32	5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)16	Sunny	Calm	09:32	5	Bottom	3	1	19.4	8.2	33.3	7.2	6.4	12.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)16	Sunny	Calm	09:32	5	Bottom	3	2	19.5	8	34.3	7.1	6.2	12.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4a	Sunny	Calm	09:41	4.7	Surface	1	1	19.4	8.2	33.3	7.2	6.5	11.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4a	Sunny	Calm	09:41	4.7	Surface	1	2	19.5	8	34.3	7.1	6	13.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4a	Sunny	Calm	09:41	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4a	Sunny	Calm	09:41	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4a	Sunny	Calm	09:41	4.7	Bottom	3	1	19.4	8.2	33.3	7.2	7.2	12.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4a	Sunny	Calm	09:41	4.7	Bottom	3	2	19.5	8	34.3	7.1	6.6	14.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4(N2)	Sunny	Calm	09:46	3.1	Surface	1	1	19.4	8.2	33.3	7.2	6.9	23.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4(N2)	Sunny	Calm	09:46	3.1	Surface	1	2	19.5	8	34.3	7.1	6.6	21.2
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4(N2)	Sunny	Calm	09:46	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4(N2)	Sunny	Calm	09:46	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4(N2)	Sunny	Calm	09:46	3.1	Bottom	3	1	19.4	8.2	33.3	7.2	6.8	6.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR4(N2)	Sunny	Calm	09:46	3.1	Bottom	3	2	19.5	8	34.3	7.1	6.3	19.1
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS8(N)	Sunny	Calm	09:52	3.8	Surface	1	1	19.4	8.2	33.3	7.2	6.7	17.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS8(N)	Sunny	Calm	09:52	3.8	Surface	1	2	19.5	8	34.3	7.1	6	19.6
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS8(N)	Sunny	Calm	09:52	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS8(N)	Sunny	Calm	09:52	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS8(N)	Sunny	Calm	09:52	3.8	Bottom	3	1	19.4	8.2	33.3	7.2	7.1	15.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS8(N)	Sunny	Calm	09:52	3.8	Bottom	3	2	19.5	8	34.3	7.1	6.4	14.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)9	Sunny	Calm	09:57	3	Surface	1	1	19.4	8.2	33.3	7.2	6.9	16.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)9	Sunny	Calm	09:57	3	Surface	1	2	19.5	8.2	34.3	7.1	6.3	18.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)9	Sunny	Calm	09:57	3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)9	Sunny	Calm	09:57	3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)9	Sunny	Calm	09:57	3	Bottom	3	1	19.4	8.2	33.3	7.2	6.9	15.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)9	Sunny	Calm	09:57	3	Bottom	3	2	19.5	8.2	34.3	7.1	6.4	14.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)11	Cloudy	Moderate	09:21	11.4	Surface	1	1	19.4	8.2	33.3	7.2	6.6	10.4
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)11	Cloudy	Moderate	09:21	11.4	Surface	1	2	19.5	8	34.2	7.1	6.1	11.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)11	Cloudy	Moderate	09:21	11.4	Middle	2	1	19.4	8.2	33.3	7.1	7.8	11.5
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)11	Cloudy	Moderate	09:21	11.4	Middle	2	2	19.4	8	34.3	7.1	6.5	12.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)11	Cloudy	Moderate	09:21	11.4	Bottom	3	1	19.4	8.2	33.3	7.1	8	13.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS(Mf)11	Cloudy	Moderate	09:21	11.4	Bottom	3	2	19.4	8	34.3	7.1	7.8	14.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR7	Cloudy	Calm	08:29	4.3	Surface	1	1	19.4	8.2	33.3	7.1	6.8	10.7
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR7	Cloudy	Calm	08:29	4.3	Surface	1	2	19.5	8.1	34.3	7.1	6.3	10
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR7	Cloudy	Calm	08:29	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR7	Cloudy	Calm	08:29	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR7	Cloudy	Calm	08:29	4.3	Bottom	3	1	19.4	8.2	33.3	7.1	7	13.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	SR7	Cloudy	Calm	08:29	4.3	Bottom	3	2	19.5	8.1	34.3	7.1	6.6	13.1
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS17	Cloudy	Moderate	09:26	9.1	Surface	1	1	19.4	8.2	33.3	7.2	6.6	15.9
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS17	Cloudy	Moderate	09:26	9.1	Surface	1	2	19.5	8	34.3	7.1	6	14.8
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS17	Cloudy	Moderate	09:26	9.1	Middle	2	1	19.4	8.2	33.3	7.1	7.1	15.3
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS17	Cloudy	Moderate	09:26	9.1	Middle	2	2	19.5	8	34.3	7.1	6.5	15.1
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS17	Cloudy	Moderate	09:26	9.1	Bottom	3	1	19.4	8.2	33.3	7.1	7.2	13
TMCLKL	HY/2012/08	2019-12-13	Mid-Flood	IS17	Cloudy	Moderate	09:26	9.1	Bottom	3	2	19.5	8	34.3	7.1	9	12.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	16:23	12.9	Surface	1	1	20.2	8	33.4	6.8	3.9	7.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	16:23	12.9	Surface	1	2	20.1	8.2	32.4	6.8	4.3	7.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	16:23	12.9	Middle	2	1	20.1	8	33.6	6.7	5	9.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	16:23	12.9	Middle	2	2	20.1	8.2	32.6	6.7	5.7	9.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	16:23	12.9	Bottom	3	1	20.1	8	33.8	6.7	9.2	10.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	16:23	12.9	Bottom	3	2	20.1	8.2	32.9	6.7	10.1	10.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	15:41	7.4	Surface	1	1	20.1	8	32.6	7.1	7.8	11
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	15:41	7.4	Surface	1	2	20.1	8.2	31.7	7.1	8.3	11.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	15:41	7.4	Middle	2	1	20	8	32.9	7	9.9	9.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	15:41	7.4	Middle	2	2	20	8.2	32	7.1	9.8	8.7
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	15:41	7.4	Bottom	3	1	20	8	33.1	7	11.5	8.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	15:41	7.4	Bottom	3	2	20	8.2	32.1	7.1	12.4	8.4

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	2019-12-16	Mid-Ebb	IS(Mf)16	Cloudy	Calm	14:42	5.7	Surface	1	1	20.1	8	33.1	7	18.1	17.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)16	Cloudy	Calm	14:42	5.7	Surface	1	2	20.1	8.2	32.2	7.1	20.1	18.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)16	Cloudy	Calm	14:42	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)16	Cloudy	Calm	14:42	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)16	Cloudy	Calm	14:42	5.7	Bottom	3	1	20.1	8	33.1	7	28.9	26
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)16	Cloudy	Calm	14:42	5.7	Bottom	3	2	20	8.2	32.2	7.1	34.5	27.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4a	Cloudy	Calm	14:33	4.4	Surface	1	1	20.1	8	33.3	7.1	5.9	7.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4a	Cloudy	Calm	14:33	4.4	Surface	1	2	20.1	8.2	32.4	7.2	6.8	7.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4a	Cloudy	Calm	14:33	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4a	Cloudy	Calm	14:33	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4a	Cloudy	Calm	14:33	4.4	Bottom	3	1	20.1	8	33.3	7.1	6.6	8.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4a	Cloudy	Calm	14:33	4.4	Bottom	3	2	20.1	8.2	32.4	7.2	6.9	8.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4(N2)	Cloudy	Calm	14:29	4	Surface	1	1	20.2	8	33.3	7.1	5.7	10.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4(N2)	Cloudy	Calm	14:29	4	Surface	1	2	20.2	8.2	32.3	7.2	6.1	10.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4(N2)	Cloudy	Calm	14:29	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4(N2)	Cloudy	Calm	14:29	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4(N2)	Cloudy	Calm	14:29	4	Bottom	3	1	20.1	8	33.4	7.1	6.7	8.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR4(N2)	Cloudy	Calm	14:29	4	Bottom	3	2	20.1	8.2	32.4	7.1	7.4	8.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS8(N)	Cloudy	Calm	14:24	3.7	Surface	1	1	20.2	8	33.3	7.2	5.7	9.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS8(N)	Cloudy	Calm	14:24	3.7	Surface	1	2	20.2	8.2	32.4	7.2	6.4	9.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS8(N)	Cloudy	Calm	14:24	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS8(N)	Cloudy	Calm	14:24	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS8(N)	Cloudy	Calm	14:24	3.7	Bottom	3	1	20.2	8	33.3	7.2	5.8	8.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS8(N)	Cloudy	Calm	14:24	3.7	Bottom	3	2	20.2	8.2	32.4	7.2	6.4	8.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)9	Cloudy	Calm	14:16	2.9	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)9	Cloudy	Calm	14:16	2.9	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)9	Cloudy	Calm	14:16	2.9	Middle	2	1	20.1	8	33.5	7.1	8.8	15.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)9	Cloudy	Calm	14:16	2.9	Middle	2	2	20	8.2	32.5	7.1	9.4	14.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)9	Cloudy	Calm	14:16	2.9	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)9	Cloudy	Calm	14:16	2.9	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)11	Cloudy	Calm	15:08	11.9	Surface	1	1	20	8	33.1	7	7.5	9.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)11	Cloudy	Calm	15:08	11.9	Surface	1	2	20	8.2	32.2	7	8.3	9.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)11	Cloudy	Calm	15:08	11.9	Middle	2	1	20	8	33.1	7	8.7	10.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)11	Cloudy	Calm	15:08	11.9	Middle	2	2	20	8.2	32.2	7.1	9.4	10.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)11	Cloudy	Calm	15:08	11.9	Bottom	3	1	20	8	33.1	7.1	9.6	12.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS(Mf)11	Cloudy	Calm	15:08	11.9	Bottom	3	2	20	8.2	32.2	7.1	10.3	12.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR7	Cloudy	Calm	15:00	4.5	Surface	1	1	20.1	8	33.2	7	5.8	8.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR7	Cloudy	Calm	15:00	4.5	Surface	1	2	20	8.2	32.2	7	6	8
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR7	Cloudy	Calm	15:00	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR7	Cloudy	Calm	15:00	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR7	Cloudy	Calm	15:00	4.5	Bottom	3	1	20.1	8	33.2	7.1	6.1	10.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	SR7	Cloudy	Calm	15:00	4.5	Bottom	3	2	20	8.2	32.2	7	6.7	11.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS17	Cloudy	Calm	14:50	10.2	Surface	1	1	20.2	8	33.1	7.1	5.6	13
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS17	Cloudy	Calm	14:50	10.2	Surface	1	2	20.1	8.2	32.2	7.1	6	12.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS17	Cloudy	Calm	14:50	10.2	Middle	2	1	20	8	33.1	7	6.6	11.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS17	Cloudy	Calm	14:50	10.2	Middle	2	2	20	8.2	32.2	7.1	7	11.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS17	Cloudy	Calm	14:50	10.2	Bottom	3	1	20	8	33.1	7	7.1	9.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Ebb	IS17	Cloudy	Calm	14:50	10.2	Bottom	3	2	19.9	8.2	32.2	7	7.8	8.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:29	11.8	Surface	1	1	20	8.1	33.1	7	5.2	6.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:29	11.8	Surface	1	2	20	8.2	32.1	7	5.7	6.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:29	11.8	Middle	2	1	20	8	33.1	7	6.8	6.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:29	11.8	Middle	2	2	19.9	8.2	32.1	7	7.2	7.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:29	11.8	Bottom	3	1	19.9	8	33.3	6.9	31.9	8.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	09:29	11.8	Bottom	3	2	19.9	8.2	32.3	7	27.9	7.7
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	10:18	7.2	Surface	1	1	20.1	8	32.2	6.9	8.8	14.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	10:18	7.2	Surface	1	2	20	8.2	31.3	7	9.6	14.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	10:18	7.2	Middle	2	1	20.1	8	32.2	6.9	9.4	12.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	10:18	7.2	Middle	2	2	20	8.2	31.3	7	10	12.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	10:18	7.2	Bottom	3	1	20.1	7.9	32.2	7	12.4	9.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	10:18	7.2	Bottom	3	2	20	8.1	31.3	7	13.4	9.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	11:04	5.6	Surface	1	1	20	8	33.1	7	11.6	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	2019-12-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	11:04	5.6	Surface	1	2	19.9	8.2	32.2	7.1	9.5	14
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	11:04	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	11:04	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	11:04	5.6	Bottom	3	1	19.9	8	33.3	7	17.4	15.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)16	Cloudy	Moderate	11:04	5.6	Bottom	3	2	19.9	8.2	32.3	7	19.3	16
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4a	Cloudy	Calm	11:17	4.3	Surface	1	1	20	8	33.5	6.9	7.6	11.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4a	Cloudy	Calm	11:17	4.3	Surface	1	2	19.9	8.2	32.6	7	8.4	11.7
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4a	Cloudy	Calm	11:17	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4a	Cloudy	Calm	11:17	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4a	Cloudy	Calm	11:17	4.3	Bottom	3	1	20	8	33.5	7	7.6	13.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4a	Cloudy	Calm	11:17	4.3	Bottom	3	2	19.9	8.2	32.6	7	8.6	13.5
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4(N2)	Cloudy	Calm	11:22	3.9	Surface	1	1	20	8	33.5	7	7.3	11.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4(N2)	Cloudy	Calm	11:22	3.9	Surface	1	2	19.9	8.2	32.6	7	7.9	12.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4(N2)	Cloudy	Calm	11:22	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4(N2)	Cloudy	Calm	11:22	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4(N2)	Cloudy	Calm	11:22	3.9	Bottom	3	1	20	8	33.5	7	7.7	10.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR4(N2)	Cloudy	Calm	11:22	3.9	Bottom	3	2	19.9	8.2	32.6	7	8.1	9.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS8(N)	Cloudy	Calm	11:29	4.2	Surface	1	1	20	8	33.2	7	7.6	10.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS8(N)	Cloudy	Calm	11:29	4.2	Surface	1	2	19.9	8.2	32.3	7.1	8.1	10.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS8(N)	Cloudy	Calm	11:29	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS8(N)	Cloudy	Calm	11:29	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS8(N)	Cloudy	Calm	11:29	4.2	Bottom	3	1	20	8	33.3	7	8.8	12
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS8(N)	Cloudy	Calm	11:29	4.2	Bottom	3	2	19.9	8.2	32.3	7.1	9.5	12.2
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)9	Cloudy	Calm	11:34	2.7	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)9	Cloudy	Calm	11:34	2.7	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)9	Cloudy	Calm	11:34	2.7	Middle	2	1	20	8	33.3	7	17.9	20.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)9	Cloudy	Calm	11:34	2.7	Middle	2	2	19.9	8.2	32.3	7	20.3	20.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)9	Cloudy	Calm	11:34	2.7	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)9	Cloudy	Calm	11:34	2.7	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:49	11.3	Surface	1	1	20	8	33.1	7	6.2	10.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:49	11.3	Surface	1	2	19.9	8.2	32.2	7.1	6.3	10.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:49	11.3	Middle	2	1	19.9	8	33.2	7	9.3	11.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:49	11.3	Middle	2	2	19.9	8.2	32.2	7	9.8	11.7
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:49	11.3	Bottom	3	1	19.9	8	33.3	7	13.2	13.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS(Mf)11	Cloudy	Moderate	10:49	11.3	Bottom	3	2	19.9	8.2	32.3	7	10.6	13.7
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR7	Cloudy	Moderate	09:52	4.1	Surface	1	1	19.9	8.1	33.1	7	9.9	12.4
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR7	Cloudy	Moderate	09:52	4.1	Surface	1	2	19.9	8.2	32.1	7	10.7	11.6
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR7	Cloudy	Moderate	09:52	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR7	Cloudy	Moderate	09:52	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR7	Cloudy	Moderate	09:52	4.1	Bottom	3	1	19.9	8.1	33.1	7	13.2	9.9
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	SR7	Cloudy	Moderate	09:52	4.1	Bottom	3	2	19.9	8.2	32.1	7	14.3	10.1
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS17	Cloudy	Moderate	10:57	9.2	Surface	1	1	19.9	8	33	7	7.2	10.8
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS17	Cloudy	Moderate	10:57	9.2	Surface	1	2	19.8	8.2	32.1	7.1	7.9	11.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS17	Cloudy	Moderate	10:57	9.2	Middle	2	1	19.9	8	33.1	7	11.2	13.3
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS17	Cloudy	Moderate	10:57	9.2	Middle	2	2	19.8	8.2	32.1	7	12	13
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS17	Cloudy	Moderate	10:57	9.2	Bottom	3	1	19.9	8	33.1	7	12.2	16.7
TMCLKL	HY/2012/08	2019-12-16	Mid-Flood	IS17	Cloudy	Moderate	10:57	9.2	Bottom	3	2	19.8	8.2	32.1	7	13.2	16.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)5	Fine	Moderate	18:28	12.4	Surface	1	1	20.5	8.1	31.3	6.9	5.3	6.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)5	Fine	Moderate	18:28	12.4	Surface	1	2	20.5	7.9	32.2	6.7	5	7.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)5	Fine	Moderate	18:28	12.4	Middle	2	1	20.3	8.1	32.2	6.5	6.3	6.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)5	Fine	Moderate	18:28	12.4	Middle	2	2	20.3	8	33.2	6.5	5.8	7.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)5	Fine	Moderate	18:28	12.4	Bottom	3	1	20.3	8.1	32.4	6.5	8.9	7.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)5	Fine	Moderate	18:28	12.4	Bottom	3	2	20.3	8	33.3	6.5	8.6	7.1
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	17:40	7	Surface	1	1	21	8.1	29.8	7.1	5.2	7.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	17:40	7	Surface	1	2	21	8	30.7	7	4.9	8.1
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	17:40	7	Middle	2	1	20.5	8.2	30.8	6.9	11.6	7
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	17:40	7	Middle	2	2	20.5	8.1	31.7	6.9	10.8	7.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	17:40	7	Bottom	3	1	20.5	8.2	30.8	6.9	12.2	7.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	17:40	7	Bottom	3	2	20.6	8.1	31.7	6.9	11.7	8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)16	Fine	Moderate	16:53	5.6	Surface	1	1	20.8	8.2	31	7	6	8.6
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)16	Fine	Moderate	16:53	5.6	Surface	1	2	20.9	8	31.9	7	6	7.7

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	2019-12-18	Mid-Ebb	IS(Mf)16	Fine	Moderate	16:53	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)16	Fine	Moderate	16:53	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)16	Fine	Moderate	16:53	5.6	Bottom	3	1	20.7	8.2	31.3	6.9	9	10
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)16	Fine	Moderate	16:53	5.6	Bottom	3	2	20.7	8	32.2	6.9	8.4	9.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4a	Fine	Moderate	16:41	4.6	Surface	1	1	21	8.2	31.3	7	5.1	7.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4a	Fine	Moderate	16:41	4.6	Surface	1	2	21	8	32.2	7	4.8	7
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4a	Fine	Moderate	16:41	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4a	Fine	Moderate	16:41	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4a	Fine	Moderate	16:41	4.6	Bottom	3	1	20.9	8.2	31.5	7	5.9	6.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4a	Fine	Moderate	16:41	4.6	Bottom	3	2	20.9	8	32.5	6.9	5.6	5.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4(N2)	Fine	Moderate	16:35	3.6	Surface	1	1	21.2	8.2	31.1	7.1	4.2	6.3
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4(N2)	Fine	Moderate	16:35	3.6	Surface	1	2	21.2	8	32	7.1	4	5.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4(N2)	Fine	Moderate	16:35	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4(N2)	Fine	Moderate	16:35	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4(N2)	Fine	Moderate	16:35	3.6	Bottom	3	1	21.1	8.2	31.1	7.1	4.4	6.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR4(N2)	Fine	Moderate	16:35	3.6	Bottom	3	2	21.2	8	32.1	7	4	6.3
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS8(N)	Fine	Moderate	16:27	3.6	Surface	1	1	21.2	8.2	31.1	7.1	5.6	14.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS8(N)	Fine	Moderate	16:27	3.6	Surface	1	2	21.2	8	31.9	7.1	5.2	13.3
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS8(N)	Fine	Moderate	16:27	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS8(N)	Fine	Moderate	16:27	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS8(N)	Fine	Moderate	16:27	3.6	Bottom	3	1	21.2	8.2	31.4	7	9.5	9.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS8(N)	Fine	Moderate	16:27	3.6	Bottom	3	2	21.2	8	32.3	7	8.9	10.3
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)9	Fine	Moderate	16:20	3.2	Surface	1	1	20.8	8.2	31.8	6.8	9.1	13.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)9	Fine	Moderate	16:20	3.2	Surface	1	2	20.8	8	32.7	6.7	8.5	11.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)9	Fine	Moderate	16:20	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)9	Fine	Moderate	16:20	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)9	Fine	Moderate	16:20	3.2	Bottom	3	1	20.5	8.2	31.9	6.6	11.9	12.6
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)9	Fine	Moderate	16:20	3.2	Bottom	3	2	20.6	8	32.8	6.6	11	11.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)11	Fine	Moderate	17:11	11.1	Surface	1	1	20.5	8.1	31	6.9	6.5	6.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)11	Fine	Moderate	17:11	11.1	Surface	1	2	20.6	8	31.9	6.9	6.3	7.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)11	Fine	Moderate	17:11	11.1	Middle	2	1	20.5	8.2	31.1	6.8	9.5	7
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)11	Fine	Moderate	17:11	11.1	Middle	2	2	20.5	8	32.1	6.8	8.6	7.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)11	Fine	Moderate	17:11	11.1	Bottom	3	1	20.4	8.2	31.2	6.8	12.1	5.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS(Mf)11	Fine	Moderate	17:11	11.1	Bottom	3	2	20.5	8	32.2	6.8	11.1	6.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR7	Fine	Moderate	18:09	4.3	Surface	1	1	20.5	8.2	31.1	6.9	5.7	7.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR7	Fine	Moderate	18:09	4.3	Surface	1	2	20.6	8	32	6.9	5.5	8.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR7	Fine	Moderate	18:09	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR7	Fine	Moderate	18:09	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR7	Fine	Moderate	18:09	4.3	Bottom	3	1	20.5	8.2	31.1	6.9	6.7	6.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	SR7	Fine	Moderate	18:09	4.3	Bottom	3	2	20.6	8	32.1	6.9	6.8	7.6
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS17	Fine	Moderate	17:01	7.9	Surface	1	1	20.5	8.1	31.1	6.9	6.8	12.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS17	Fine	Moderate	17:01	7.9	Surface	1	2	20.5	8	32	6.8	6.5	11.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS17	Fine	Moderate	17:01	7.9	Middle	2	1	20.5	8.2	31.2	6.8	7	9.1
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS17	Fine	Moderate	17:01	7.9	Middle	2	2	20.5	8.1	32.2	6.8	6.6	9.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS17	Fine	Moderate	17:01	7.9	Bottom	3	1	20.4	8.2	31.4	6.9	6.2	9.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Ebb	IS17	Fine	Moderate	17:01	7.9	Bottom	3	2	20.5	8.2	32.3	6.8	6.4	10
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)5	Fine	Moderate	11:11	12	Surface	1	1	20.3	8.1	31.3	6.8	5.9	4.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)5	Fine	Moderate	11:11	12	Surface	1	2	20.4	7.9	32.2	6.8	6.4	5.3
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)5	Fine	Moderate	11:11	12	Middle	2	1	20.3	8.1	31.5	6.7	9.7	4.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)5	Fine	Moderate	11:11	12	Middle	2	2	20.3	7.9	32.5	6.7	9.4	5.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)5	Fine	Moderate	11:11	12	Bottom	3	1	20.3	8.1	31.5	6.7	12.7	4.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)5	Fine	Moderate	11:11	12	Bottom	3	2	20.3	8	32.5	6.7	12.5	5.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	12:00	6.8	Surface	1	1	20.5	8.1	29.7	6.9	8.7	9.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	12:00	6.8	Surface	1	2	20.5	7.9	30.6	6.8	7.8	10
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	12:00	6.8	Middle	2	1	20.4	8.1	29.9	6.9	8.5	9
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	12:00	6.8	Middle	2	2	20.4	7.9	30.8	6.8	8.8	8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	12:00	6.8	Bottom	3	1	20.4	8.1	29.9	6.9	13.4	7.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	12:00	6.8	Bottom	3	2	20.4	7.9	30.9	6.8	14	8.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)16	Fine	Moderate	12:49	5.6	Surface	1	1	20.5	8.2	31	6.9	9.7	12.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)16	Fine	Moderate	12:49	5.6	Surface	1	2	20.5	8	31.9	6.9	9.2	11.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)16	Fine	Moderate	12:49	5.6	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	2019-12-18	Mid-Flood	IS(Mf)16	Fine	Moderate	12:49	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)16	Fine	Moderate	12:49	5.6	Bottom	3	1	20.5	8.2	31.5	6.9	9.7	11
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)16	Fine	Moderate	12:49	5.6	Bottom	3	2	20.5	8	32.5	6.8	9.2	10.3
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4a	Fine	Moderate	13:01	4.3	Surface	1	1	20.6	8.2	31.6	6.8	6.7	7.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4a	Fine	Moderate	13:01	4.3	Surface	1	2	20.7	8	32.5	6.8	6.2	8.6
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4a	Fine	Moderate	13:01	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4a	Fine	Moderate	13:01	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4a	Fine	Moderate	13:01	4.3	Bottom	3	1	20.5	8.2	31.7	6.8	6.3	8.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4a	Fine	Moderate	13:01	4.3	Bottom	3	2	20.6	8	32.6	6.8	6.7	8.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4(N2)	Fine	Moderate	13:07	3.5	Surface	1	1	20.8	8.2	31.4	6.9	7.1	9.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4(N2)	Fine	Moderate	13:07	3.5	Surface	1	2	20.8	8	32.4	6.9	6.5	8.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4(N2)	Fine	Moderate	13:07	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4(N2)	Fine	Moderate	13:07	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4(N2)	Fine	Moderate	13:07	3.5	Bottom	3	1	20.8	8.2	31.5	6.9	7.2	9.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR4(N2)	Fine	Moderate	13:07	3.5	Bottom	3	2	20.8	8	32.5	6.9	6.9	8.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS8(N)	Fine	Moderate	13:14	3.3	Surface	1	1	20.7	8.2	31	7	5.6	7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS8(N)	Fine	Moderate	13:14	3.3	Surface	1	2	20.7	8	32	7	5.2	6.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS8(N)	Fine	Moderate	13:14	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS8(N)	Fine	Moderate	13:14	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS8(N)	Fine	Moderate	13:14	3.3	Bottom	3	1	20.7	8.2	31.1	7	5.7	8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS8(N)	Fine	Moderate	13:14	3.3	Bottom	3	2	20.7	8	32	7	5.4	7.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)9	Fine	Moderate	13:22	3.1	Surface	1	1	20.5	8.2	31.5	6.8	11.3	10.6
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)9	Fine	Moderate	13:22	3.1	Surface	1	2	20.6	8	32.5	6.8	10.3	9.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)9	Fine	Moderate	13:22	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)9	Fine	Moderate	13:22	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)9	Fine	Moderate	13:22	3.1	Bottom	3	1	20.5	8.2	31.6	6.8	12.7	11.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)9	Fine	Moderate	13:22	3.1	Bottom	3	2	20.5	8	32.5	6.8	11.9	10.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)11	Fine	Moderate	12:32	11.8	Surface	1	1	20.4	8.2	30.7	6.9	6.1	5.1
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)11	Fine	Moderate	12:32	11.8	Surface	1	2	20.4	8	31.6	6.9	6.6	6
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)11	Fine	Moderate	12:32	11.8	Middle	2	1	20.4	8.2	30.8	6.9	7	6.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)11	Fine	Moderate	12:32	11.8	Middle	2	2	20.4	8	31.8	6.9	6.9	6.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)11	Fine	Moderate	12:32	11.8	Bottom	3	1	20.4	8.2	30.9	6.9	8.2	8.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS(Mf)11	Fine	Moderate	12:32	11.8	Bottom	3	2	20.4	8.1	31.8	6.9	7.3	9.4
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR7	Fine	Moderate	11:33	4	Surface	1	1	20.4	8.1	30.8	6.9	7.9	15.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR7	Fine	Moderate	11:33	4	Surface	1	2	20.5	7.9	31.7	6.9	7.4	16.1
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR7	Fine	Moderate	11:33	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR7	Fine	Moderate	11:33	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR7	Fine	Moderate	11:33	4	Bottom	3	1	20.4	8.2	31.2	6.9	7.8	12.9
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	SR7	Fine	Moderate	11:33	4	Bottom	3	2	20.4	7.9	32.1	6.8	7.2	11.7
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS17	Fine	Moderate	12:42	8.5	Surface	1	1	20.3	8.2	31.1	6.9	11.7	10.5
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS17	Fine	Moderate	12:42	8.5	Surface	1	2	20.3	8	32	6.9	10.6	10.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS17	Fine	Moderate	12:42	8.5	Middle	2	1	20.3	8.2	31.1	6.9	12.6	9.8
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS17	Fine	Moderate	12:42	8.5	Middle	2	2	20.3	8	32.1	6.9	11.2	10.2
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS17	Fine	Moderate	12:42	8.5	Bottom	3	1	20.3	8.2	31.1	6.9	12.8	13.1
TMCLKL	HY/2012/08	2019-12-18	Mid-Flood	IS17	Fine	Moderate	12:42	8.5	Bottom	3	2	20.3	8	32.1	7	11.8	12
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:35	12.8	Surface	1	1	20.1	8	32.4	6.7	3.1	4.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:35	12.8	Surface	1	2	20	8.1	31.5	6.8	3.1	4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:35	12.8	Middle	2	1	20.4	8	33.4	6.3	2.9	4.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:35	12.8	Middle	2	2	20.3	8	32.4	6.3	2.8	4.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:35	12.8	Bottom	3	1	20.4	8	33.5	6.3	3.5	5.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	06:35	12.8	Bottom	3	2	20.4	8	32.5	6.3	3.5	5.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:26	7.1	Surface	1	1	20	8.1	31.4	6.7	3.6	5.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:26	7.1	Surface	1	2	20	8	32.3	6.7	3.3	4.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:26	7.1	Middle	2	1	20.2	8.1	32.2	6.5	2.4	3.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:26	7.1	Middle	2	2	20.2	8	33.1	6.5	2.3	4.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:26	7.1	Bottom	3	1	20.4	8.1	32.5	6.3	2.3	4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	07:26	7.1	Bottom	3	2	20.4	8	33.5	6.3	2.3	4.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	08:02	5	Surface	1	1	20.5	8	32.2	6.7	4.4	11.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	08:02	5	Surface	1	2	20.5	8.1	31.3	6.8	4.4	11.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	08:02	5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	08:02	5	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	2019-12-20	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	08:02	5	Bottom	3	1	20.5	8	32.3	6.7	6.9	14
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	08:02	5	Bottom	3	2	20.4	8.1	31.4	6.7	7.2	14.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4a	Cloudy	Calm	08:15	4.2	Surface	1	1	20.2	8	32	6.7	3.7	6.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4a	Cloudy	Calm	08:15	4.2	Surface	1	2	20.2	8.1	31.1	6.8	3.7	7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4a	Cloudy	Calm	08:15	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4a	Cloudy	Calm	08:15	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4a	Cloudy	Calm	08:15	4.2	Bottom	3	1	20.2	8	32	6.7	3.7	8.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4a	Cloudy	Calm	08:15	4.2	Bottom	3	2	20.2	8.1	31.1	6.8	3.9	8.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4(N2)	Cloudy	Calm	08:21	3.9	Surface	1	1	20.4	8	32.1	6.5	6.6	9.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4(N2)	Cloudy	Calm	08:21	3.9	Surface	1	2	20.4	8.1	31.2	6.5	7.3	9.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4(N2)	Cloudy	Calm	08:21	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4(N2)	Cloudy	Calm	08:21	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4(N2)	Cloudy	Calm	08:21	3.9	Bottom	3	1	20.4	8	32.1	6.5	6.7	11.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR4(N2)	Cloudy	Calm	08:21	3.9	Bottom	3	2	20.4	8.1	31.2	6.5	7.4	11.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS8(N)	Cloudy	Calm	08:28	3.6	Surface	1	1	20.2	8	31.9	6.7	5.2	7.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS8(N)	Cloudy	Calm	08:28	3.6	Surface	1	2	20.2	8.1	31	6.8	5.6	7.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS8(N)	Cloudy	Calm	08:28	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS8(N)	Cloudy	Calm	08:28	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS8(N)	Cloudy	Calm	08:28	3.6	Bottom	3	1	20.4	8	32.1	6.7	8.5	7.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS8(N)	Cloudy	Calm	08:28	3.6	Bottom	3	2	20.4	8.2	31.2	6.7	9.1	8
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)9	Cloudy	Calm	08:37	3.1	Surface	1	1	20.4	8	32.1	6.7	5	6.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)9	Cloudy	Calm	08:37	3.1	Surface	1	2	20.3	8.1	31.2	6.8	5.2	6.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)9	Cloudy	Calm	08:37	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)9	Cloudy	Calm	08:37	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)9	Cloudy	Calm	08:37	3.1	Bottom	3	1	20.4	8	32.1	6.7	4.9	7.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)9	Cloudy	Calm	08:37	3.1	Bottom	3	2	20.3	8.1	31.2	6.8	5.3	7.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	07:47	11.1	Surface	1	1	20.1	8.1	30.7	6.8	3.3	4.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	07:47	11.1	Surface	1	2	20.2	8	31.6	6.7	3.2	4.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	07:47	11.1	Middle	2	1	20.3	8.1	31.4	6.6	3.3	5.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	07:47	11.1	Middle	2	2	20.4	8	32.3	6.6	3.2	5.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	07:47	11.1	Bottom	3	1	20.4	8.1	31.7	6.4	6.6	6.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	07:47	11.1	Bottom	3	2	20.5	8	32.6	6.4	6	7.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR7	Cloudy	Moderate	06:56	4.3	Surface	1	1	20	8.1	31.4	6.8	3.4	5.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR7	Cloudy	Moderate	06:56	4.3	Surface	1	2	20	8	32.3	6.8	3.2	4.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR7	Cloudy	Moderate	06:56	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR7	Cloudy	Moderate	06:56	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR7	Cloudy	Moderate	06:56	4.3	Bottom	3	1	20.2	8.1	32.2	6.6	2.2	6.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	SR7	Cloudy	Moderate	06:56	4.3	Bottom	3	2	20.2	8	33.1	6.5	2.3	6.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS17	Cloudy	Moderate	07:57	10.4	Surface	1	1	20.2	8	31.5	6.9	3.2	5.1
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS17	Cloudy	Moderate	07:57	10.4	Surface	1	2	20.1	8.1	30.6	6.9	3.2	4.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS17	Cloudy	Moderate	07:57	10.4	Middle	2	1	20.4	8	32.4	6.5	3.5	4.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS17	Cloudy	Moderate	07:57	10.4	Middle	2	2	20.4	8.1	31.5	6.6	3.6	4.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS17	Cloudy	Moderate	07:57	10.4	Bottom	3	1	20.5	8	32.6	6.4	6.6	4.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Ebb	IS17	Cloudy	Moderate	07:57	10.4	Bottom	3	2	20.4	8.1	31.7	6.5	6.9	4.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)5	Fine	Moderate	15:07	12.2	Surface	1	1	20.5	8	32.6	6.7	2.4	4.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)5	Fine	Moderate	15:07	12.2	Surface	1	2	20.5	8.1	31.7	6.8	2.4	4.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)5	Fine	Moderate	15:07	12.2	Middle	2	1	20.4	8	33.4	6.3	3.7	5.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)5	Fine	Moderate	15:07	12.2	Middle	2	2	20.3	8.1	32.5	6.3	4	6.1
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)5	Fine	Moderate	15:07	12.2	Bottom	3	1	20.4	8	33.5	6.3	6.6	6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)5	Fine	Moderate	15:07	12.2	Bottom	3	2	20.3	8.1	32.5	6.3	7.2	5.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)3(N)	Fine	Rough	14:11	7	Surface	1	1	20.5	8	31.2	7.1	5.1	6.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)3(N)	Fine	Rough	14:11	7	Surface	1	2	20.4	8.1	30.3	7.1	5.2	7.1
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)3(N)	Fine	Rough	14:11	7	Middle	2	1	20.4	8	31.2	7	5.1	7.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)3(N)	Fine	Rough	14:11	7	Middle	2	2	20.4	8.1	30.3	7.1	5.6	7.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)3(N)	Fine	Rough	14:11	7	Bottom	3	1	20.3	8	31.2	7	6.1	9.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	CS(Mf)3(N)	Fine	Rough	14:11	7	Bottom	3	2	20.3	8.1	30.3	7	6.4	8.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)16	Fine	Moderate	13:26	5.5	Surface	1	1	20.6	8	32.3	6.7	4.5	6.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)16	Fine	Moderate	13:26	5.5	Surface	1	2	20.6	8.1	31.4	6.7	4.6	6.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)16	Fine	Moderate	13:26	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)16	Fine	Moderate	13:26	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)16	Fine	Moderate	13:26	5.5	Bottom	3	1	20.6	8	32.3	6.7	8.2	6.4

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	2019-12-20	Mid-Flood	IS(Mf)16	Fine	Moderate	13:26	5.5	Bottom	3	2	20.6	8.1	31.4	6.7	8.4	6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4a	Fine	Calm	13:12	4.4	Surface	1	1	20.8	8	32	6.9	3.8	6.1
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4a	Fine	Calm	13:12	4.4	Surface	1	2	20.7	8.1	31.1	6.9	4	6.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4a	Fine	Calm	13:12	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4a	Fine	Calm	13:12	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4a	Fine	Calm	13:12	4.4	Bottom	3	1	20.4	8	32.1	6.7	6.7	7.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4a	Fine	Calm	13:12	4.4	Bottom	3	2	20.3	8.1	31.2	6.7	7.4	7.1
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4(N2)	Fine	Calm	13:06	4.1	Surface	1	1	20.8	8	32	6.8	4.5	7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4(N2)	Fine	Calm	13:06	4.1	Surface	1	2	20.7	8.1	31.1	6.9	4.8	6.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4(N2)	Fine	Calm	13:06	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4(N2)	Fine	Calm	13:06	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4(N2)	Fine	Calm	13:06	4.1	Bottom	3	1	20.5	8	32.1	6.7	5.5	7.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR4(N2)	Fine	Calm	13:06	4.1	Bottom	3	2	20.4	8.1	31.2	6.7	6	8
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS8(N)	Fine	Calm	12:57	3.7	Surface	1	1	20.6	8	32.1	6.8	7.1	9.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS8(N)	Fine	Calm	12:57	3.7	Surface	1	2	20.5	8.1	31.2	6.8	7	9.8
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS8(N)	Fine	Calm	12:57	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS8(N)	Fine	Calm	12:57	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS8(N)	Fine	Calm	12:57	3.7	Bottom	3	1	20.6	8	32.1	6.8	8.1	12.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS8(N)	Fine	Calm	12:57	3.7	Bottom	3	2	20.5	8.1	31.2	6.8	9.2	12.1
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)9	Fine	Calm	12:50	3.2	Surface	1	1	20.7	8	32.2	6.8	7.8	13.5
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)9	Fine	Calm	12:50	3.2	Surface	1	2	20.6	8.2	31.3	6.8	8.4	13.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)9	Fine	Calm	12:50	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)9	Fine	Calm	12:50	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)9	Fine	Calm	12:50	3.2	Bottom	3	1	20.6	8.1	32.2	6.7	8.4	11.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)9	Fine	Calm	12:50	3.2	Bottom	3	2	20.5	8.2	31.3	6.8	9.8	10.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)11	Fine	Rough	13:44	11.2	Surface	1	1	20.6	8	31.7	6.9	5.5	7.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)11	Fine	Rough	13:44	11.2	Surface	1	2	20.6	8.1	30.8	7	6.3	7.6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)11	Fine	Rough	13:44	11.2	Middle	2	1	20.5	8	32	6.7	8.3	8
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)11	Fine	Rough	13:44	11.2	Middle	2	2	20.5	8.1	31.1	6.7	9.6	7.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)11	Fine	Rough	13:44	11.2	Bottom	3	1	20.5	8	32.5	6.5	12	8.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS(Mf)11	Fine	Rough	13:44	11.2	Bottom	3	2	20.4	8.1	31.5	6.5	12	8.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR7	Fine	Rough	14:45	4.1	Surface	1	1	20.6	8	32	6.8	3.8	7.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR7	Fine	Rough	14:45	4.1	Surface	1	2	20.5	8.1	31.1	6.8	4	8.3
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR7	Fine	Rough	14:45	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR7	Fine	Rough	14:45	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR7	Fine	Rough	14:45	4.1	Bottom	3	1	20.5	8	32.2	6.7	5.4	6.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	SR7	Fine	Rough	14:45	4.1	Bottom	3	2	20.5	8.1	31.3	6.7	5.6	6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS17	Fine	Rough	13:34	10.8	Surface	1	1	20.5	8	32	6.7	3.6	4.7
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS17	Fine	Rough	13:34	10.8	Surface	1	2	20.5	8.1	31.1	6.8	3.8	4.4
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS17	Fine	Rough	13:34	10.8	Middle	2	1	20.4	8	32.3	6.6	4	5.9
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS17	Fine	Rough	13:34	10.8	Middle	2	2	20.4	8.1	31.4	6.6	4.3	6
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS17	Fine	Rough	13:34	10.8	Bottom	3	1	20.5	8	32.7	6.3	7.8	6.2
TMCLKL	HY/2012/08	2019-12-20	Mid-Flood	IS17	Fine	Rough	13:34	10.8	Bottom	3	2	20.4	8.1	31.8	6.4	8	6.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)5	Foggy	Moderate	09:28	12.5	Surface	1	1	19.3	8.2	33.5	7.2	3.6	7.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)5	Foggy	Moderate	09:28	12.5	Surface	1	2	19.3	8	33.5	7.2	3.6	7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)5	Foggy	Moderate	09:28	12.5	Middle	2	1	19.3	8.2	33.5	7.2	3.7	6.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)5	Foggy	Moderate	09:28	12.5	Middle	2	2	19.3	8	33.5	7.2	3.7	6.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)5	Foggy	Moderate	09:28	12.5	Bottom	3	1	19.3	8.2	33.5	7.2	3.8	6.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)5	Foggy	Moderate	09:28	12.5	Bottom	3	2	19.3	8	33.5	7.2	3.8	6.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:18	7.1	Surface	1	1	19.3	8.2	32.2	7.6	4.4	8.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:18	7.1	Surface	1	2	19.3	8	32.2	7.6	4.4	7.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:18	7.1	Middle	2	1	19.3	8.2	32.2	7.6	4.3	9.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:18	7.1	Middle	2	2	19.3	8	32.2	7.6	4.3	9
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:18	7.1	Bottom	3	1	19.2	8.2	32.6	7.6	8.1	13.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Rough	10:18	7.1	Bottom	3	2	19.2	8	32.6	7.6	8.2	13.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:07	5.2	Surface	1	1	19.3	8.2	33.2	7.3	8.7	13.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:07	5.2	Surface	1	2	19.3	8	33.2	7.3	8.8	13.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:07	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:07	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:07	5.2	Bottom	3	1	19.3	8.2	33.1	7.3	14.5	16.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:07	5.2	Bottom	3	2	19.3	8	33.1	7.3	14.3	16.4

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	2019-12-23	Mid-Ebb	SR4a	Cloudy	Calm	11:21	4.3	Surface	1	1	19.6	8.2	33.2	7.3	4.8	7.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4a	Cloudy	Calm	11:21	4.3	Surface	1	2	19.6	8	33.2	7.3	4.8	7.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4a	Cloudy	Calm	11:21	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4a	Cloudy	Calm	11:21	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4a	Cloudy	Calm	11:21	4.3	Bottom	3	1	19.4	8.2	33.2	7.2	9.1	11.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4a	Cloudy	Calm	11:21	4.3	Bottom	3	2	19.4	8	33.2	7.2	9.8	11.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	4	Surface	1	1	19.5	8.2	33	7.3	5.8	8.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	4	Surface	1	2	19.5	8	33	7.3	5.9	8.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	4	Bottom	3	1	19.5	8.2	33	7.2	6.1	9.2
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR4(N2)	Cloudy	Calm	11:29	4	Bottom	3	2	19.5	8	33	7.2	6.2	9
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS8(N)	Cloudy	Calm	11:36	3.7	Surface	1	1	19.5	8.2	33.1	7.3	6.3	9.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS8(N)	Cloudy	Calm	11:36	3.7	Surface	1	2	19.5	8	33.1	7.3	6.4	9.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS8(N)	Cloudy	Calm	11:36	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS8(N)	Cloudy	Calm	11:36	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS8(N)	Cloudy	Calm	11:36	3.7	Bottom	3	1	19.5	8.2	33.1	7.3	6.5	7.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS8(N)	Cloudy	Calm	11:36	3.7	Bottom	3	2	19.5	8	33.1	7.3	6.6	7.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:46	3.3	Surface	1	1	19.5	8.2	33.1	7.4	4.2	6.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:46	3.3	Surface	1	2	19.5	8.2	33.1	7.4	4.2	6.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:46	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:46	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:46	3.3	Bottom	3	1	19.6	8.2	33.1	7.4	5.1	8.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)9	Cloudy	Calm	11:46	3.3	Bottom	3	2	19.6	8.2	33.1	7.4	5.2	8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:52	11.2	Surface	1	1	19.4	8.2	33.2	7.4	5.1	6.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:52	11.2	Surface	1	2	19.4	8	33.2	7.4	5.2	6.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:52	11.2	Middle	2	1	19.4	8.2	33.2	7.4	5	6.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:52	11.2	Middle	2	2	19.4	8	33.2	7.4	5.4	7.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:52	11.2	Bottom	3	1	19.4	8.2	33.1	7.3	6.4	8.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:52	11.2	Bottom	3	2	19.3	8	33.1	7.3	6.6	8.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR7	Foggy	Moderate	09:48	4.4	Surface	1	1	19.2	8.2	33.3	7.3	5.1	9.2
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR7	Foggy	Moderate	09:48	4.4	Surface	1	2	19.2	8.1	33.3	7.3	5.1	8.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR7	Foggy	Moderate	09:48	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR7	Foggy	Moderate	09:48	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR7	Foggy	Moderate	09:48	4.4	Bottom	3	1	19.2	8.2	33.2	7.2	8.9	10.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	SR7	Foggy	Moderate	09:48	4.4	Bottom	3	2	19.2	8.1	33.2	7.2	8.8	10.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS17	Cloudy	Rough	11:00	10.8	Surface	1	1	19.3	8.2	33.2	7.3	7.6	10.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS17	Cloudy	Rough	11:00	10.8	Surface	1	2	19.3	8	33.2	7.2	7.7	10.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS17	Cloudy	Rough	11:00	10.8	Middle	2	1	19.3	8.2	33.2	7.2	7.9	12.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS17	Cloudy	Rough	11:00	10.8	Middle	2	2	19.3	8	33.2	7.2	7.9	12.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS17	Cloudy	Rough	11:00	10.8	Bottom	3	1	19.3	8.2	33.2	7.2	8.2	14.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Ebb	IS17	Cloudy	Rough	11:00	10.8	Bottom	3	2	19.3	8	33.2	7.3	8.4	13.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:15	12.8	Surface	1	1	19.3	8	34	7	5	8.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:15	12.8	Surface	1	2	19.3	8.2	34	7	5	8.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:15	12.8	Middle	2	1	19.3	8	34	7	6.2	11.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:15	12.8	Middle	2	2	19.3	8.2	34	7	6.1	11.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:15	12.8	Bottom	3	1	19.4	8	33.9	7	8.8	13.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:15	12.8	Bottom	3	2	19.4	8.2	33.9	7	8.9	13.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:15	7.2	Surface	1	1	19.5	8	32.6	7.6	9.3	10
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:15	7.2	Surface	1	2	19.5	8.2	32.6	7.6	9.9	9.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:15	7.2	Middle	2	1	19.5	8	32.6	7.6	14	11.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:15	7.2	Middle	2	2	19.5	8.2	32.6	7.6	13.4	11.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:15	7.2	Bottom	3	1	19.6	8	32.6	7.6	9.3	12.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	16:15	7.2	Bottom	3	2	19.6	8.2	32.6	7.6	9.9	12.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	15:31	5.3	Surface	1	1	19.4	8	33.2	7.3	9.3	15.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	15:31	5.3	Surface	1	2	19.4	8.2	33.2	7.3	9.3	16.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	15:31	5.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	15:31	5.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	15:31	5.3	Bottom	3	1	19.5	8	33.2	7.3	11.3	14
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	15:31	5.3	Bottom	3	2	19.5	8.2	33.2	7.3	11.1	13.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4a	Cloudy	Calm	15:20	4.2	Surface	1	1	19.6	8	33.2	7.3	5.7	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	2019-12-23	Mid-Flood	SR4a	Cloudy	Calm	15:20	4.2	Surface	1	2	19.6	8.2	33.2	7.3	5.7	8.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4a	Cloudy	Calm	15:20	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4a	Cloudy	Calm	15:20	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4a	Cloudy	Calm	15:20	4.2	Bottom	3	1	19.6	8	33.2	7.3	7.7	9.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4a	Cloudy	Calm	15:20	4.2	Bottom	3	2	19.6	8.2	33.2	7.3	7.8	10.2
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4(N2)	Cloudy	Calm	15:13	4.1	Surface	1	1	19.7	8	33.1	7.4	6	7.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4(N2)	Cloudy	Calm	15:13	4.1	Surface	1	2	19.7	8.2	33.1	7.4	5.9	6.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4(N2)	Cloudy	Calm	15:13	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4(N2)	Cloudy	Calm	15:13	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4(N2)	Cloudy	Calm	15:13	4.1	Bottom	3	1	19.6	8	33.1	7.4	8.8	9.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR4(N2)	Cloudy	Calm	15:13	4.1	Bottom	3	2	19.6	8.2	33.1	7.4	8.5	9.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS8(N)	Cloudy	Calm	15:02	3.8	Surface	1	1	19.7	8	33.2	7.4	7.2	11.2
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS8(N)	Cloudy	Calm	15:02	3.8	Surface	1	2	19.7	8.2	33.2	7.4	7.1	11.1
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS8(N)	Cloudy	Calm	15:02	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS8(N)	Cloudy	Calm	15:02	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS8(N)	Cloudy	Calm	15:02	3.8	Bottom	3	1	19.7	8	33.2	7.4	7.9	9.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS8(N)	Cloudy	Calm	15:02	3.8	Bottom	3	2	19.7	8.2	33.2	7.4	8	9.3
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)9	Cloudy	Calm	14:49	3.2	Surface	1	1	19.7	8.2	33.1	7.2	7.1	10.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)9	Cloudy	Calm	14:49	3.2	Surface	1	2	19.7	8.2	33.1	7.2	7.3	10.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)9	Cloudy	Calm	14:49	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)9	Cloudy	Calm	14:49	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)9	Cloudy	Calm	14:49	3.2	Bottom	3	1	19.6	8.2	33.1	7.2	8	13.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)9	Cloudy	Calm	14:49	3.2	Bottom	3	2	19.7	8.2	33.1	7.2	7.5	13.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)11	Cloudy	Rough	15:52	11.2	Surface	1	1	19.4	8	33.1	7.4	10.6	15
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)11	Cloudy	Rough	15:52	11.2	Surface	1	2	19.4	8.2	33.1	7.4	10.6	15.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)11	Cloudy	Rough	15:52	11.2	Middle	2	1	19.5	8.1	33.1	7.4	19.7	17.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)11	Cloudy	Rough	15:52	11.2	Middle	2	2	19.5	8.2	33.1	7.4	18.9	18.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)11	Cloudy	Rough	15:52	11.2	Bottom	3	1	19.5	8.1	33.1	7.3	14.8	20.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS(Mf)11	Cloudy	Rough	15:52	11.2	Bottom	3	2	19.5	8.2	33.1	7.3	14.8	20.5
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR7	Cloudy	Moderate	16:51	4.2	Surface	1	1	19.5	8	33.2	7.4	7.5	10.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR7	Cloudy	Moderate	16:51	4.2	Surface	1	2	19.5	8.2	33.2	7.4	7.5	10.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR7	Cloudy	Moderate	16:51	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR7	Cloudy	Moderate	16:51	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR7	Cloudy	Moderate	16:51	4.2	Bottom	3	1	19.5	8	33.2	7.3	9.6	13.8
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	SR7	Cloudy	Moderate	16:51	4.2	Bottom	3	2	19.5	8.2	33.2	7.3	9.6	14
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS17	Cloudy	Rough	15:39	10.9	Surface	1	1	19.4	8	33.1	7.5	7.5	8.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS17	Cloudy	Rough	15:39	10.9	Surface	1	2	19.4	8.2	33.1	7.5	7.3	8.9
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS17	Cloudy	Rough	15:39	10.9	Middle	2	1	19.4	8	33.2	7.3	6.8	9.6
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS17	Cloudy	Rough	15:39	10.9	Middle	2	2	19.4	8.2	33.2	7.3	6.8	9.7
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS17	Cloudy	Rough	15:39	10.9	Bottom	3	1	19.4	8	33.1	7.4	8.7	13.4
TMCLKL	HY/2012/08	2019-12-23	Mid-Flood	IS17	Cloudy	Rough	15:39	10.9	Bottom	3	2	19.4	8.2	33.1	7.4	8.6	13.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:00	11.8	Surface	1	1	21.2	8	30.4	7.3	4.6	6.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:00	11.8	Surface	1	2	21.3	8	30.4	7.3	4.6	6.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:00	11.8	Middle	2	1	21.2	8	30.3	7.3	4.4	5.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:00	11.8	Middle	2	2	21.2	8	30.4	7.3	4.4	6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:00	11.8	Bottom	3	1	21.3	8	30.3	7.3	14.8	5.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)5	Fine	Moderate	14:00	11.8	Bottom	3	2	21.3	8	30.3	7.3	14.8	5.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:16	8	Surface	1	1	20.2	8.1	29.3	7.5	9	13
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:16	8	Surface	1	2	20.2	8.1	29.3	7.5	9.1	13
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:16	8	Middle	2	1	20.3	8	29.3	7.5	8.1	12.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:16	8	Middle	2	2	20.3	8	29.3	7.5	8	12
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:16	8	Bottom	3	1	20.2	8	29.2	7.5	9.4	11
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:16	8	Bottom	3	2	20.3	8	29.2	7.5	9.3	10.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:36	5.2	Surface	1	1	20.8	8.1	26.9	7.7	9.2	10.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:36	5.2	Surface	1	2	20.8	8.1	26.9	7.7	9.2	11.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:36	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:36	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:36	5.2	Bottom	3	1	21	8.1	28.7	7.5	12.8	13.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:36	5.2	Bottom	3	2	21	8.1	28.7	7.5	12.8	14.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4a	Fine	Calm	12:26	4.5	Surface	1	1	20.8	8.1	26.8	7.7	12.3	6.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4a	Fine	Calm	12:26	4.5	Surface	1	2	20.8	8.1	26.7	7.7	12.3	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	2019-12-27	Mid-Ebb	SR4a	Fine	Calm	12:26	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4a	Fine	Calm	12:26	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4a	Fine	Calm	12:26	4.5	Bottom	3	1	21.3	8.1	29.8	7.5	6.5	8.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4a	Fine	Calm	12:26	4.5	Bottom	3	2	21.3	8.1	29.8	7.5	6.5	8.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4(N2)	Fine	Calm	12:22	3.2	Surface	1	1	21.2	8.1	29.8	7.5	15.6	8.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4(N2)	Fine	Calm	12:22	3.2	Surface	1	2	21.2	8.1	29.8	7.5	15.6	8.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4(N2)	Fine	Calm	12:22	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4(N2)	Fine	Calm	12:22	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4(N2)	Fine	Calm	12:22	3.2	Bottom	3	1	21.2	8.1	29.7	7.6	9.4	6.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR4(N2)	Fine	Calm	12:22	3.2	Bottom	3	2	21.2	8.1	29.7	7.6	9.3	6.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS8(N)	Fine	Calm	12:17	4	Surface	1	1	21.6	8.1	29.7	7.5	5.4	6.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS8(N)	Fine	Calm	12:17	4	Surface	1	2	21.6	8.1	29.7	7.5	5.6	6.7
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS8(N)	Fine	Calm	12:17	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS8(N)	Fine	Calm	12:17	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS8(N)	Fine	Calm	12:17	4	Bottom	3	1	21.7	8.1	29.7	7.5	11.2	6.2
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS8(N)	Fine	Calm	12:17	4	Bottom	3	2	21.7	8.1	29.7	7.5	11.1	6.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)9	Fine	Calm	12:14	2.9	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)9	Fine	Calm	12:14	2.9	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)9	Fine	Calm	12:14	2.9	Middle	2	1	20.7	7.7	29.1	7.5	6.4	7.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)9	Fine	Calm	12:14	2.9	Middle	2	2	20.7	7.7	29.1	7.5	6.5	7.7
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)9	Fine	Calm	12:14	2.9	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)9	Fine	Calm	12:14	2.9	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:50	11.1	Surface	1	1	20.7	8	29.5	7.4	6	6.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:50	11.1	Surface	1	2	20.7	8	29.5	7.4	5.8	6.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:50	11.1	Middle	2	1	20.7	7.9	29.7	7.5	8.5	7.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:50	11.1	Middle	2	2	20.7	7.9	29.7	7.5	8.1	7.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:50	11.1	Bottom	3	1	20.6	7.9	29.7	7.5	10.4	8.7
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:50	11.1	Bottom	3	2	20.6	7.9	29.7	7.5	10.5	8.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR7	Fine	Calm	13:40	4.2	Surface	1	1	21.3	8	29.9	7.5	10.2	6.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR7	Fine	Calm	13:40	4.2	Surface	1	2	21.2	8	29.9	7.5	10.5	5.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR7	Fine	Calm	13:40	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR7	Fine	Calm	13:40	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR7	Fine	Calm	13:40	4.2	Bottom	3	1	21.8	8.1	29.7	7.5	13.5	6.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	SR7	Fine	Calm	13:40	4.2	Bottom	3	2	21.7	8.1	29.8	7.6	13.4	6.9
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS17	Fine	Calm	12:41	9.9	Surface	1	1	20.6	8	29.9	7.3	8.1	10.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS17	Fine	Calm	12:41	9.9	Surface	1	2	20.6	8	29.9	7.3	7.9	11.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS17	Fine	Calm	12:41	9.9	Middle	2	1	20.6	8	29.3	7.4	9	10.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS17	Fine	Calm	12:41	9.9	Middle	2	2	20.6	8	29.3	7.4	8.8	10
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS17	Fine	Calm	12:41	9.9	Bottom	3	1	20.6	8	29.8	7.3	11.3	8.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Ebb	IS17	Fine	Calm	12:41	9.9	Bottom	3	2	20.5	8	29.8	7.3	12.3	8.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)5	Fine	Moderate	07:57	12	Surface	1	1	20	8	30	7.3	6.3	7.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)5	Fine	Moderate	07:57	12	Surface	1	2	20	8	30	7.3	6.2	7.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)5	Fine	Moderate	07:57	12	Middle	2	1	20	8	30	7.3	6.4	7.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)5	Fine	Moderate	07:57	12	Middle	2	2	20	8	30	7.3	5.9	7.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)5	Fine	Moderate	07:57	12	Bottom	3	1	19.8	7.9	29.9	7.3	8.9	9.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)5	Fine	Moderate	07:57	12	Bottom	3	2	19.9	7.9	29.9	7.3	8.7	8.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:39	7	Surface	1	1	19.5	8	29.5	7.5	11.9	13.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:39	7	Surface	1	2	19.5	8	29.4	7.5	12.1	13
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:39	7	Middle	2	1	19.1	7.9	29.4	7.5	11.9	17.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:39	7	Middle	2	2	19.1	7.9	29.4	7.5	11.8	17.9
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:39	7	Bottom	3	1	18.9	7.7	28.8	7.6	15.7	19.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	08:39	7	Bottom	3	2	18.9	7.7	28.8	7.6	15.7	18
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)16	Fine	Moderate	09:23	5.4	Surface	1	1	19.1	8.1	23	7.9	11.3	15.2
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)16	Fine	Moderate	09:23	5.4	Surface	1	2	19.1	8.1	23	7.9	11.2	15.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)16	Fine	Moderate	09:23	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)16	Fine	Moderate	09:23	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)16	Fine	Moderate	09:23	5.4	Bottom	3	1	19.2	8.1	23.3	7.9	11.9	16
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)16	Fine	Moderate	09:23	5.4	Bottom	3	2	19.2	8.1	23.3	7.9	11.8	15.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4a	Fine	Moderate	09:33	4.6	Surface	1	1	19.7	8.1	27.3	7.6	9.5	9.9
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4a	Fine	Moderate	09:33	4.6	Surface	1	2	19.6	8.1	27.3	7.6	9.4	10.2
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4a	Fine	Moderate	09:33	4.6	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	2019-12-27	Mid-Flood	SR4a	Fine	Moderate	09:33	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4a	Fine	Moderate	09:33	4.6	Bottom	3	1	19.7	8.1	27.4	7.7	9.6	11
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4a	Fine	Moderate	09:33	4.6	Bottom	3	2	19.7	8.1	27.4	7.7	9.5	11.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4(N2)	Fine	Moderate	09:38	3.2	Surface	1	1	19.9	8	29	7.5	7.4	10.6
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4(N2)	Fine	Moderate	09:38	3.2	Surface	1	2	19.9	8	29	7.5	7.4	10.9
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4(N2)	Fine	Moderate	09:38	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4(N2)	Fine	Moderate	09:38	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4(N2)	Fine	Moderate	09:38	3.2	Bottom	3	1	19.9	8	29.1	7.5	8.2	9.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR4(N2)	Fine	Moderate	09:38	3.2	Bottom	3	2	19.9	8	29.1	7.5	8.1	8.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS8(N)	Fine	Calm	09:42	4.1	Surface	1	1	20	8	29.4	7.5	6.6	10.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS8(N)	Fine	Calm	09:42	4.1	Surface	1	2	20	8	29.4	7.5	6.7	10.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS8(N)	Fine	Calm	09:42	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS8(N)	Fine	Calm	09:42	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS8(N)	Fine	Calm	09:42	4.1	Bottom	3	1	19.9	8	29.3	7.6	11.5	8.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS8(N)	Fine	Calm	09:42	4.1	Bottom	3	2	19.9	8	29.4	7.5	11.6	8.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)9	Fine	Calm	09:49	2.8	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)9	Fine	Calm	09:49	2.8	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)9	Fine	Calm	09:49	2.8	Middle	2	1	19.5	8.1	29.5	7.5	7.6	9.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)9	Fine	Calm	09:49	2.8	Middle	2	2	19.5	8.1	29.5	7.5	7.2	9.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)9	Fine	Calm	09:49	2.8	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)9	Fine	Calm	09:49	2.8	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)11	Fine	Moderate	09:09	11.2	Surface	1	1	20.2	8.1	29.6	7.5	10.3	13.2
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)11	Fine	Moderate	09:09	11.2	Surface	1	2	20.2	8.1	29.6	7.5	10.2	13.3
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)11	Fine	Moderate	09:09	11.2	Middle	2	1	20.1	8.1	29.6	7.5	11.4	14
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)11	Fine	Moderate	09:09	11.2	Middle	2	2	20.1	8.1	29.6	7.5	11.3	13.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)11	Fine	Moderate	09:09	11.2	Bottom	3	1	20.1	8.1	29.7	7.6	12.9	14.9
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS(Mf)11	Fine	Moderate	09:09	11.2	Bottom	3	2	20.1	8.1	29.7	7.6	12.9	15.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR7	Fine	Moderate	08:14	4.3	Surface	1	1	20	8	29.7	7.4	12.4	16.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR7	Fine	Moderate	08:14	4.3	Surface	1	2	20	8	29.7	7.4	12.4	16.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR7	Fine	Moderate	08:14	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR7	Fine	Moderate	08:14	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR7	Fine	Moderate	08:14	4.3	Bottom	3	1	19.6	7.9	29.6	7.5	13	17.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	SR7	Fine	Moderate	08:14	4.3	Bottom	3	2	19.6	7.9	29.6	7.4	13	17.7
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS17	Fine	Moderate	09:17	10.2	Surface	1	1	20.3	8.1	29.7	7.4	9.4	12.4
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS17	Fine	Moderate	09:17	10.2	Surface	1	2	20.3	8.1	29.7	7.4	9.2	12.7
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS17	Fine	Moderate	09:17	10.2	Middle	2	1	20.2	8.1	29.7	7.4	10	12.5
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS17	Fine	Moderate	09:17	10.2	Middle	2	2	20.2	8.1	29.7	7.4	10	12.1
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS17	Fine	Moderate	09:17	10.2	Bottom	3	1	20.4	8	29.7	7.4	15.7	10.8
TMCLKL	HY/2012/08	2019-12-27	Mid-Flood	IS17	Fine	Moderate	09:17	10.2	Bottom	3	2	20.3	8	29.7	7.4	15.9	11.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)5	Foggy	Rough	16:09	14.1	Surface	1	1	20.5	8	30.1	7.4	4.7	8
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)5	Foggy	Rough	16:09	14.1	Surface	1	2	20.5	8	30.1	7.4	4.7	7.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)5	Foggy	Rough	16:09	14.1	Middle	2	1	20.8	7.9	30	7.4	8.2	6.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)5	Foggy	Rough	16:09	14.1	Middle	2	2	20.8	8	30	7.4	8.2	6.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)5	Foggy	Rough	16:09	14.1	Bottom	3	1	21	7.9	29.7	7.4	5.1	6.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)5	Foggy	Rough	16:09	14.1	Bottom	3	2	21	7.9	29.7	7.4	5	5.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)3(N)	Foggy	Moderate	15:21	7.3	Surface	1	1	20.8	8	29.5	7.4	5.6	6.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)3(N)	Foggy	Moderate	15:21	7.3	Surface	1	2	20.8	8	29.5	7.4	5.6	7.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)3(N)	Foggy	Moderate	15:21	7.3	Middle	2	1	20.7	7.9	29.3	7.4	8.1	5.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)3(N)	Foggy	Moderate	15:21	7.3	Middle	2	2	20.7	7.9	29.3	7.4	8.1	5.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)3(N)	Foggy	Moderate	15:21	7.3	Bottom	3	1	21	7.9	29.5	7.4	6.2	5.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	CS(Mf)3(N)	Foggy	Moderate	15:21	7.3	Bottom	3	2	21	7.9	29.5	7.4	6.2	5.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)16	Foggy	Rough	14:46	5.2	Surface	1	1	20.8	8	30.1	7.4	10	8.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)16	Foggy	Rough	14:46	5.2	Surface	1	2	20.8	8	30.1	7.4	9.8	8.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)16	Foggy	Rough	14:46	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)16	Foggy	Rough	14:46	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)16	Foggy	Rough	14:46	5.2	Bottom	3	1	20.7	7.9	29.9	7.4	8.6	13
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)16	Foggy	Rough	14:46	5.2	Bottom	3	2	20.7	8	30	7.4	8.6	13.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4a	Foggy	Rough	14:31	4.4	Surface	1	1	20.5	8	30.1	7.3	6.3	6.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4a	Foggy	Rough	14:31	4.4	Surface	1	2	20.5	8	30.1	7.3	6.3	6.1
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4a	Foggy	Rough	14:31	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4a	Foggy	Rough	14:31	4.4	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	2019-12-30	Mid-Ebb	SR4a	Foggy	Rough	14:31	4.4	Bottom	3	1	20.6	8	30	7.3	7.2	5.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4a	Foggy	Rough	14:31	4.4	Bottom	3	2	20.7	8	30	7.3	7.2	5.9
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4(N2)	Foggy	Rough	14:27	4.5	Surface	1	1	20.7	8	30.1	7.2	7.3	5.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4(N2)	Foggy	Rough	14:27	4.5	Surface	1	2	20.7	8	30.1	7.2	7.3	5.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4(N2)	Foggy	Rough	14:27	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4(N2)	Foggy	Rough	14:27	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4(N2)	Foggy	Rough	14:27	4.5	Bottom	3	1	20.7	8	30.1	7.2	5.6	6.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR4(N2)	Foggy	Rough	14:27	4.5	Bottom	3	2	20.7	8	30.1	7.2	5.6	6.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS8(N)	Foggy	Rough	14:22	4.3	Surface	1	1	20.7	8	30.1	7.2	7.1	26.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS8(N)	Foggy	Rough	14:22	4.3	Surface	1	2	20.7	8	30.1	7.2	7.1	25.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS8(N)	Foggy	Rough	14:22	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS8(N)	Foggy	Rough	14:22	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS8(N)	Foggy	Rough	14:22	4.3	Bottom	3	1	20.9	8	30.1	7.3	17.7	8.9
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS8(N)	Foggy	Rough	14:22	4.3	Bottom	3	2	20.9	8	30.1	7.3	17.7	8.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)9	Foggy	Rough	14:10	3.8	Surface	1	1	21.2	8	30.2	7.3	9.4	9.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)9	Foggy	Rough	14:10	3.8	Surface	1	2	21.2	8	30.2	7.3	9.5	10.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)9	Foggy	Rough	14:10	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)9	Foggy	Rough	14:10	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)9	Foggy	Rough	14:10	3.8	Bottom	3	1	21.6	7.9	30.2	7.3	7.2	8.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)9	Foggy	Rough	14:10	3.8	Bottom	3	2	21.6	7.9	30.2	7.3	7.1	8.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)11	Foggy	Moderate	14:54	11.1	Surface	1	1	20.3	8	30	7.4	6.2	5.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)11	Foggy	Moderate	14:54	11.1	Surface	1	2	20.3	8	30	7.4	6.2	6.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)11	Foggy	Moderate	14:54	11.1	Middle	2	1	20.3	8	30	7.4	6.2	6.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)11	Foggy	Moderate	14:54	11.1	Middle	2	2	20.3	8	30	7.4	6.2	6.1
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)11	Foggy	Moderate	14:54	11.1	Bottom	3	1	20.5	7.9	30	7.4	7.5	7.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS(Mf)11	Foggy	Moderate	14:54	11.1	Bottom	3	2	20.5	7.9	30	7.4	7.6	6.9
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR7	Foggy	Moderate	15:48	4.1	Surface	1	1	20.6	8	29.9	7.4	6.1	7.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR7	Foggy	Moderate	15:48	4.1	Surface	1	2	20.7	8	29.9	7.4	6.1	6.9
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR7	Foggy	Moderate	15:48	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR7	Foggy	Moderate	15:48	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR7	Foggy	Moderate	15:48	4.1	Bottom	3	1	20.5	8	29.9	7.4	5.4	5.1
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	SR7	Foggy	Moderate	15:48	4.1	Bottom	3	2	20.5	8	29.9	7.4	5.4	5.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS17	Foggy	Rough	14:48	10.2	Surface	1	1	20.3	8	30	7.4	5.8	7.9
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS17	Foggy	Rough	14:48	10.2	Surface	1	2	20.3	8	30	7.4	5.9	8.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS17	Foggy	Rough	14:48	10.2	Middle	2	1	20.3	8	30	7.4	6.4	6.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS17	Foggy	Rough	14:48	10.2	Middle	2	2	20.3	8	30	7.4	6.4	6.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS17	Foggy	Rough	14:48	10.2	Bottom	3	1	20.4	8	30	7.4	6.9	6
TMCLKL	HY/2012/08	2019-12-30	Mid-Ebb	IS17	Foggy	Rough	14:48	10.2	Bottom	3	2	20.4	8	30	7.4	6.9	6.1
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)5	Foggy	Moderate	09:06	14.3	Surface	1	1	20.1	8	29.9	7.4	6.6	6.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)5	Foggy	Moderate	09:06	14.3	Surface	1	2	20.1	8	29.9	7.4	6.6	6.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)5	Foggy	Moderate	09:06	14.3	Middle	2	1	20.1	8	29.9	7.4	6.2	7.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)5	Foggy	Moderate	09:06	14.3	Middle	2	2	20.1	8	29.9	7.4	6.2	7.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)5	Foggy	Moderate	09:06	14.3	Bottom	3	1	20.1	8	29.9	7.5	6	7.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)5	Foggy	Moderate	09:06	14.3	Bottom	3	2	20.1	8	29.9	7.5	6	7.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)3(N)	Foggy	Rough	09:50	7.1	Surface	1	1	20.3	7.9	29.3	7.3	10.6	10.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)3(N)	Foggy	Rough	09:50	7.1	Surface	1	2	20.3	7.9	29.3	7.3	10.6	11
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)3(N)	Foggy	Rough	09:50	7.1	Middle	2	1	20.3	7.9	29.2	7.3	9.6	10.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)3(N)	Foggy	Rough	09:50	7.1	Middle	2	2	20.3	7.9	29.2	7.3	9.5	10.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)3(N)	Foggy	Rough	09:50	7.1	Bottom	3	1	20.3	7.9	29.3	7.3	10.3	11.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	CS(Mf)3(N)	Foggy	Rough	09:50	7.1	Bottom	3	2	20.3	7.9	29.3	7.3	10.5	11.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)16	Foggy	Moderate	10:33	5.5	Surface	1	1	20.1	8	30	7.4	12	15.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)16	Foggy	Moderate	10:33	5.5	Surface	1	2	20.1	8	30	7.4	12	15.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)16	Foggy	Moderate	10:33	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)16	Foggy	Moderate	10:33	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)16	Foggy	Moderate	10:33	5.5	Bottom	3	1	20.1	8	29.9	7.4	11.8	15
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)16	Foggy	Moderate	10:33	5.5	Bottom	3	2	20.1	8	29.9	7.4	11.8	15.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4a	Foggy	Moderate	10:42	3.8	Surface	1	1	20.5	7.9	30	6.9	6.8	8.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4a	Foggy	Moderate	10:42	3.8	Surface	1	2	20.5	7.9	30	6.9	6.7	8.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4a	Foggy	Moderate	10:42	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4a	Foggy	Moderate	10:42	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4a	Foggy	Moderate	10:42	3.8	Bottom	3	1	20.4	7.9	29.9	7.1	7.9	8.8

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	2019-12-30	Mid-Flood	SR4a	Foggy	Moderate	10:42	3.8	Bottom	3	2	20.4	7.9	29.9	7.1	7.8	9
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4(N2)	Foggy	Moderate	10:47	4.2	Surface	1	1	20.4	8	30	7.1	5.8	6.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4(N2)	Foggy	Moderate	10:47	4.2	Surface	1	2	20.4	8	30	7.1	5.8	6.3
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4(N2)	Foggy	Moderate	10:47	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4(N2)	Foggy	Moderate	10:47	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4(N2)	Foggy	Moderate	10:47	4.2	Bottom	3	1	20.4	7.9	29.8	7.2	6.5	8.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR4(N2)	Foggy	Moderate	10:47	4.2	Bottom	3	2	20.4	7.9	29.8	7.2	6.5	8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS8(N)	Foggy	Moderate	10:52	3.5	Surface	1	1	20.2	8	30.1	7.3	6.9	7.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS8(N)	Foggy	Moderate	10:52	3.5	Surface	1	2	20.2	8	30.1	7.3	6.9	8.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS8(N)	Foggy	Moderate	10:52	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS8(N)	Foggy	Moderate	10:52	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS8(N)	Foggy	Moderate	10:52	3.5	Bottom	3	1	20.2	8	30	7.3	8.5	7.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS8(N)	Foggy	Moderate	10:52	3.5	Bottom	3	2	20.2	8	30	7.3	8.5	6.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)9	Foggy	Moderate	10:59	2.7	Surface	1	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)9	Foggy	Moderate	10:59	2.7	Surface	1	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)9	Foggy	Moderate	10:59	2.7	Middle	2	1	20.2	7.9	30	7.3	12.2	14.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)9	Foggy	Moderate	10:59	2.7	Middle	2	2	20.2	7.9	30	7.3	12.2	14.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)9	Foggy	Moderate	10:59	2.7	Bottom	3	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)9	Foggy	Moderate	10:59	2.7	Bottom	3	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)11	Foggy	Rough	10:19	11.3	Surface	1	1	20.2	8	30.1	7.3	9.9	12
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)11	Foggy	Rough	10:19	11.3	Surface	1	2	20.2	8	30.1	7.3	9.9	12.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)11	Foggy	Rough	10:19	11.3	Middle	2	1	20.3	7.9	30.1	7.3	8	10.7
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)11	Foggy	Rough	10:19	11.3	Middle	2	2	20.3	8	30.1	7.3	7.9	10.1
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)11	Foggy	Rough	10:19	11.3	Bottom	3	1	20.2	7.8	29.8	7.4	7.4	8.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS(Mf)11	Foggy	Rough	10:19	11.3	Bottom	3	2	20.2	7.8	29.8	7.4	7.4	8.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR7	Foggy	Rough	09:25	4.3	Surface	1	1	20.1	8	30	7.3	11.2	12.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR7	Foggy	Rough	09:25	4.3	Surface	1	2	20.1	8	30	7.3	11.2	12.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR7	Foggy	Rough	09:25	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR7	Foggy	Rough	09:25	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR7	Foggy	Rough	09:25	4.3	Bottom	3	1	20.1	7.9	29.9	7.4	13.8	14.6
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	SR7	Foggy	Rough	09:25	4.3	Bottom	3	2	20.1	7.9	29.9	7.4	13.7	14.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS17	Foggy	Moderate	10:27	10.5	Surface	1	1	20.1	8	29.9	7.4	6.2	6.4
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS17	Foggy	Moderate	10:27	10.5	Surface	1	2	20.1	8	29.9	7.4	6.3	6.5
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS17	Foggy	Moderate	10:27	10.5	Middle	2	1	20.1	8	29.9	7.4	6.1	6.8
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS17	Foggy	Moderate	10:27	10.5	Middle	2	2	20.1	8	29.9	7.4	6	7.2
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS17	Foggy	Moderate	10:27	10.5	Bottom	3	1	20.1	8	29.9	7.4	8.6	8.9
TMCLKL	HY/2012/08	2019-12-30	Mid-Flood	IS17	Foggy	Moderate	10:27	10.5	Bottom	3	2	20.1	8	29.9	7.4	8.6	8.4